

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003795.D
 Acq On : 10 Jul 2018 00:39
 Operator : SY/AP
 Sample : VW0709SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

Manual Integrations
 APPROVED

apatel
 7/10/2018 10:47:32 AM

Quant Time: Jul 10 02:35:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	314090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	163849	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	128617	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
35) Dibromofluoromethane	7.88	113	109788	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.32	98	427117	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.62	95	154049	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15539	16.185	ug/l	94
3) Chloromethane	2.21	50	36093	19.802	ug/l	97
4) Vinyl Chloride	2.36	62	51208	21.301	ug/l	99
5) Bromomethane	2.76	94	31547	18.590	ug/l	99
6) Chloroethane	2.92	64	27619	19.156	ug/l	90
7) Trichlorofluoromethane	3.25	101	20545	21.155	ug/l	96
8) Diethyl Ether	3.67	74	21815	21.918	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	41912	22.191	ug/l	98
10) Methyl Iodide	4.26	142	60803	21.628	ug/l	98
11) Tert butyl alcohol	5.18	59	17572	125.599	ug/l	96
12) 1,1-Dichloroethene	4.03	96	42471	22.902	ug/l	96
13) Acrolein	3.88	56	20349	97.548	ug/l	97
14) Allyl chloride	4.65	41	67896	21.058	ug/l	99
15) Acrylonitrile	5.36	53	53732	107.804	ug/l	98
16) Acetone	4.12	43	49348	110.176	ug/l	98
17) Carbon Disulfide	4.37	76	133414	21.944	ug/l	99
18) Methyl Acetate	4.67	43	27737	21.965	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	77236	20.155	ug/l	98
20) Methylene Chloride	4.91	84	50401	20.503	ug/l	92
21) trans-1,2-Dichloroethene	5.41	96	45925	20.918	ug/l	98
22) Diisopropyl ether	6.31	45	145874	20.580	ug/l	97
23) Vinyl Acetate	6.26	43	425636	98.368	ug/l	99
24) 1,1-Dichloroethane	6.21	63	86658	20.214	ug/l	98
25) 2-Butanone	7.18	43	71224	101.526	ug/l	99
26) 2,2-Dichloropropane	7.17	77	45977	19.773	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	48346	19.914	ug/l	99
28) Bromochloromethane	7.51	49	39478	20.671	ug/l	97
29) Tetrahydrofuran	7.53	42	47037	104.300	ug/l	100
30) Chloroform	7.67	83	89860	20.548	ug/l	95
31) Cyclohexane	7.95	56	75067	19.926	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	69298	20.820	ug/l	98
36) 1,1-Dichloropropene	8.08	75	69866	20.964	ug/l	99
37) Ethyl Acetate	7.26	43	33464	20.637	ug/l	99
38) Carbon Tetrachloride	8.07	117	65313	20.612	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	72934	19.982	ug/l	97
40) Benzene	8.32	78	198218	20.805	ug/l	99
41) Methacrylonitrile	7.48	41	17333	18.582	ug/l	95
42) 1,2-Dichloroethane	8.40	62	63357	20.547	ug/l	100
43) Isopropyl Acetate	8.43	43	60512	19.690	ug/l	99
44) Trichloroethene	9.09	130	49615	20.656	ug/l	99
45) 1,2-Dichloropropane	9.37	63	51358	20.731	ug/l	96
46) Dibromomethane	9.46	93	26948	20.688	ug/l	99
47) Bromodichloromethane	9.65	83	65209	20.349	ug/l	97
48) Methyl methacrylate	9.44	41	29249	19.984	ug/l	96
49) 1,4-Dioxane	9.45	88	8764	450.172	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	168174	105.746	ug/l	98
52) Toluene	10.39	92	124333	21.045	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	62116	19.414	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	72445	20.057	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	37076	20.494	ug/l	95
56) Ethyl methacrylate	10.65	69	43795	19.837	ug/l	99
57) 1,3-Dichloropropane	10.93	76	64626	20.495	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	90440	86.874	ug/l	100
59) 2-Hexanone	10.98	43	113556	103.981	ug/l	98
60) Dibromochloromethane	11.13	129	42560	20.153	ug/l	100
61) 1,2-Dibromoethane	11.24	107	35006	20.233	ug/l	99
64) Tetrachloroethene	10.87	164	47537	21.405	ug/l	99
65) Chlorobenzene	11.66	112	135420	20.460	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	47031	20.335	ug/l	99
67) Ethyl Benzene	11.74	91	233357	20.619	ug/l	100
68) m/p-Xylenes	11.84	106	181439	41.866	ug/l	99
69) o-Xylene	12.17	106	82077	20.525	ug/l	99
70) Styrene	12.18	104	141518	20.811	ug/l	100
71) Bromoform	12.35	173	25654	20.098	ug/l #	99
73) Isopropylbenzene	12.47	105	226770	20.436	ug/l	99
74) N-amyl acetate	12.28	43	60964	20.269	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	45605	20.274	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	37829m	23.511	ug/l	
77) Bromobenzene	12.75	156	55589	20.179	ug/l	98
78) n-propylbenzene	12.81	91	289272	20.767	ug/l	100
79) 2-Chlorotoluene	12.90	91	163429	20.422	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	199493	20.859	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12310	18.716	ug/l	99
82) 4-Chlorotoluene	12.99	91	179434	20.852	ug/l	99
83) tert-Butylbenzene	13.21	119	162270	20.574	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	205785	20.712	ug/l	99
85) sec-Butylbenzene	13.39	105	242747	20.574	ug/l	100
86) p-Isopropyltoluene	13.51	119	214287	20.784	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	114099	20.443	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	113216	20.172	ug/l	98
89) n-Butylbenzene	13.83	91	206068	20.319	ug/l	99
90) Hexachloroethane	14.10	117	40014	20.148	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	103083	20.520	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7831	20.111	ug/l	98

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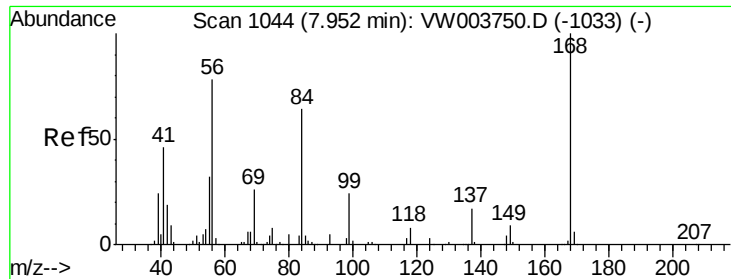
Manual Integrations
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7/10/2018 10:47:32 AM

Quant Time: Jul 10 02:35:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	66702	19.617	ug/l	98
94) Hexachlorobutadiene	15.24	225	38740	19.918	ug/l	98
95) Naphthalene	15.38	128	118270	19.461	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	60398	19.838	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS02

Tot Ion:168 Resp: 197413

Ion Ratio Lower Upper

168 100

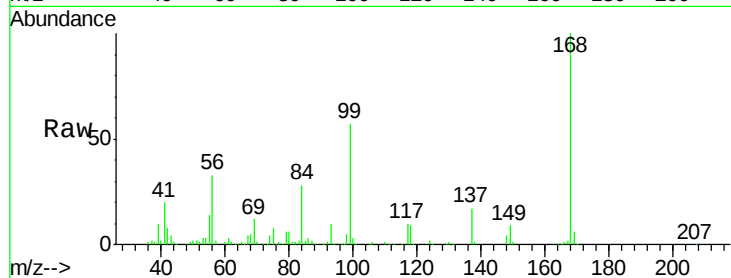
99 56.5 45.0 67.6

Manual Integrations

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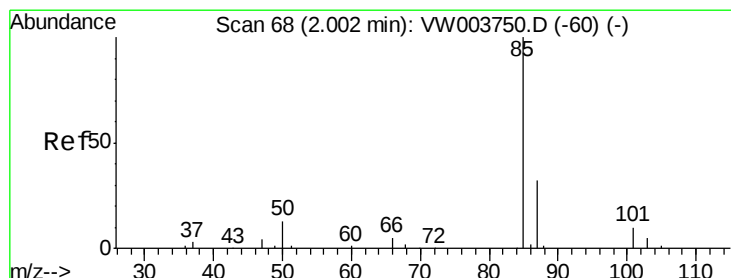
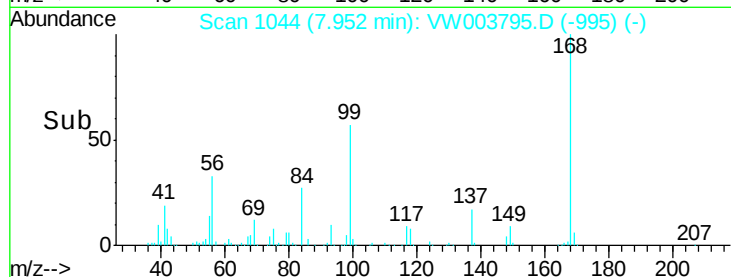
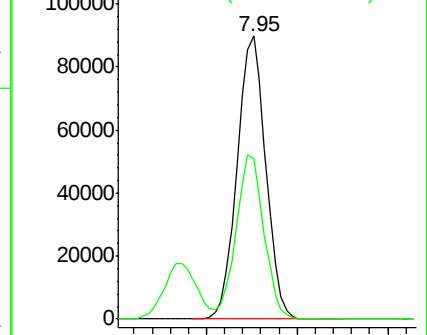
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 16.185 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003795.D

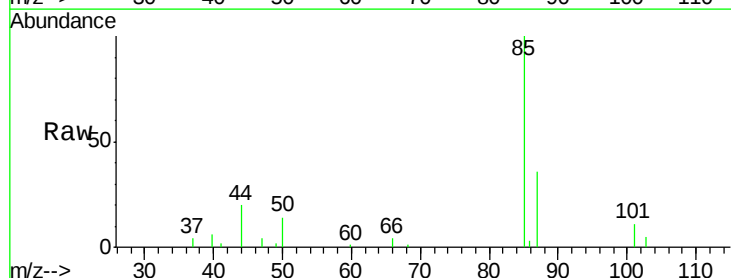
Acq: 10 Jul 2018 00:39

Tgt Ion: 85 Resp: 15539

Ion Ratio Lower Upper

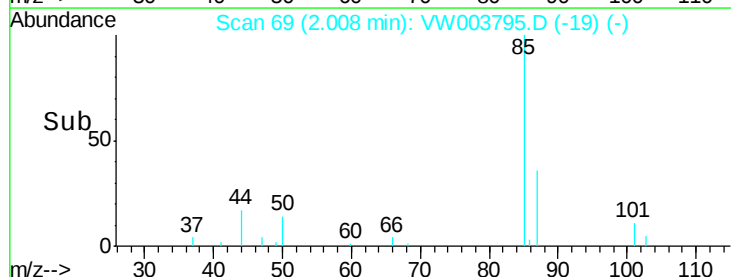
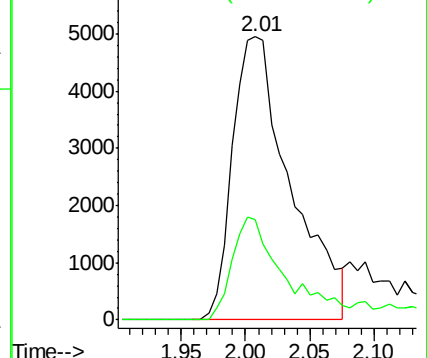
85 100

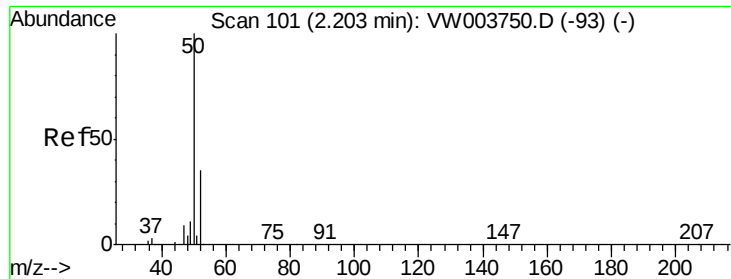
87 35.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.802 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

ClientSampled :

VW0709SBS02

Tot Ion: 50 Resp: 36093

Ion Ratio Lower Upper

50 100

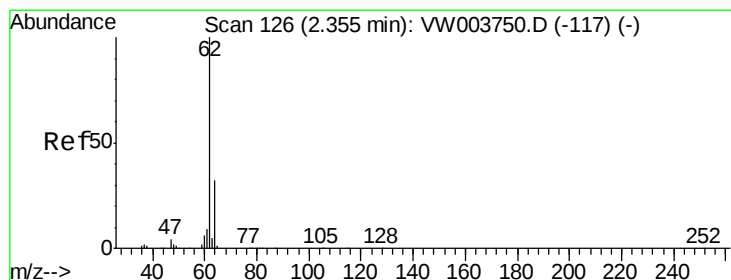
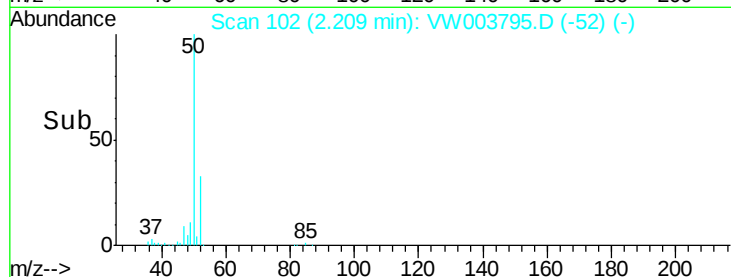
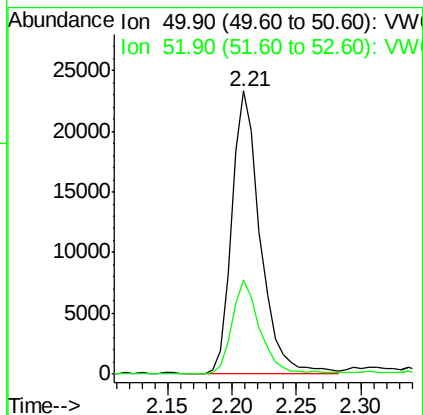
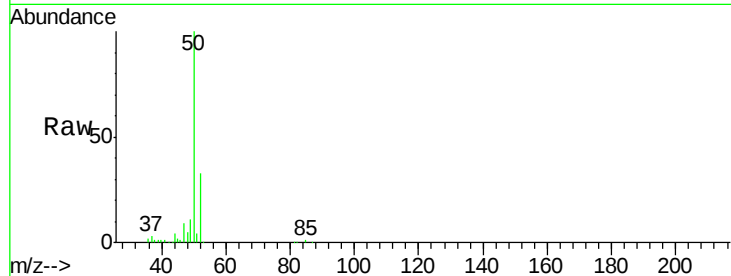
52 33.1 27.8 41.6

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#4

Vinyl Chloride

Concen: 21.301 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003795.D

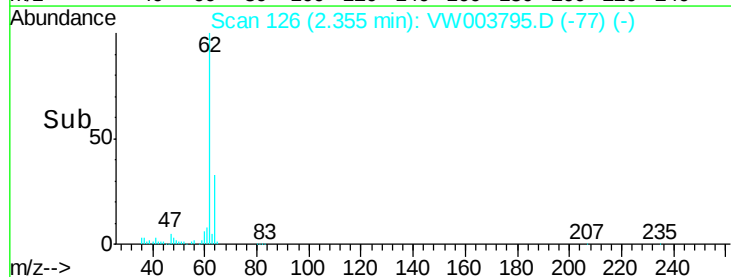
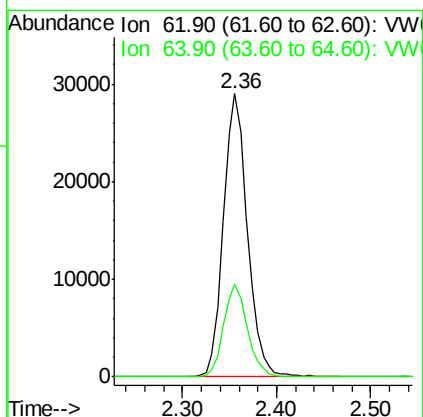
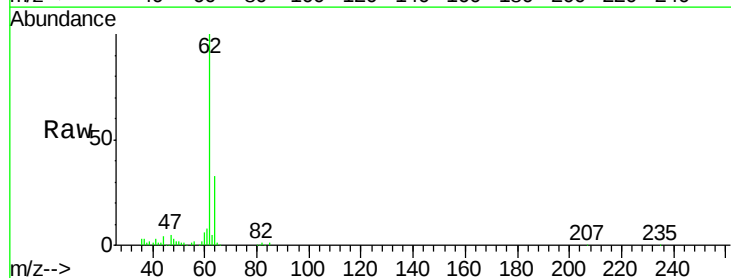
Acq: 10 Jul 2018 00:39

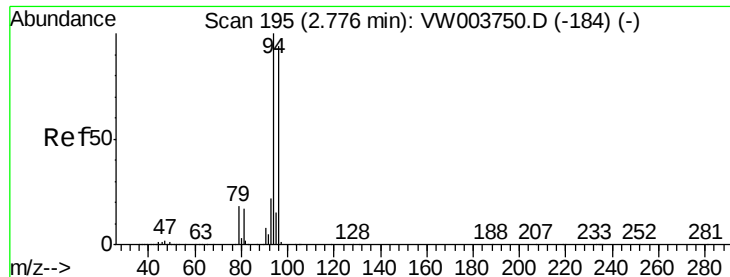
Tgt Ion: 62 Resp: 51208

Ion Ratio Lower Upper

62 100

64 32.7 25.8 38.8





#5

Bromomethane

Concen: 18.590 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS02

Tot Ion: 94 Resp: 31547

Ion Ratio Lower Upper

94 100

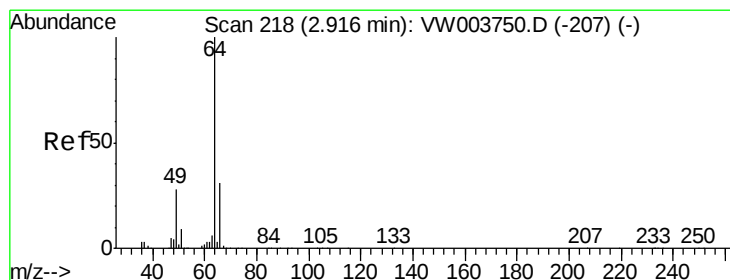
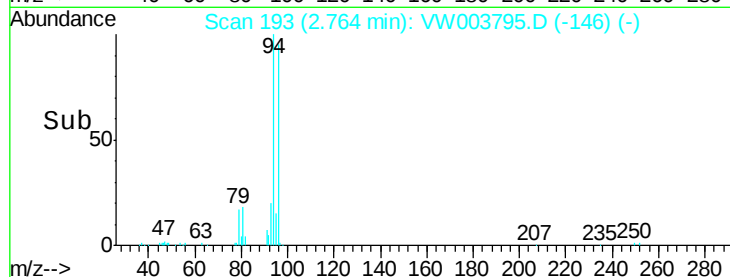
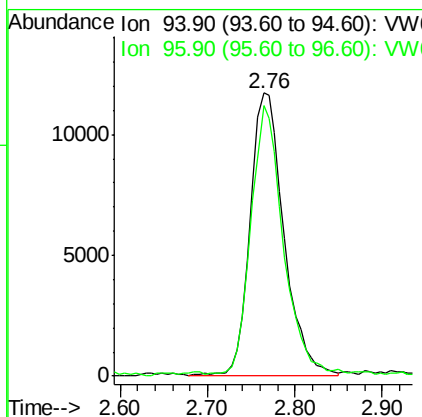
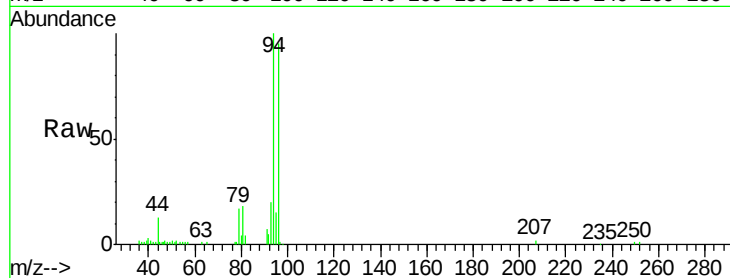
96 94.3 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 19.156 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW003795.D

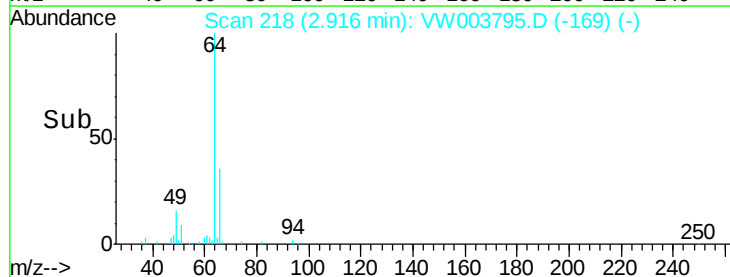
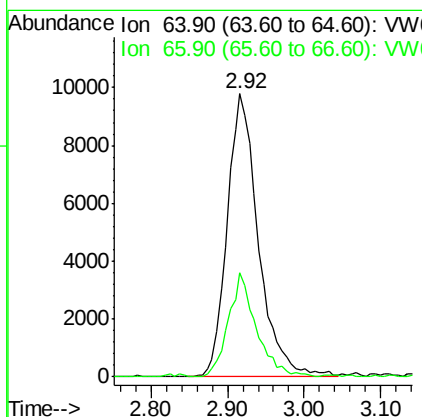
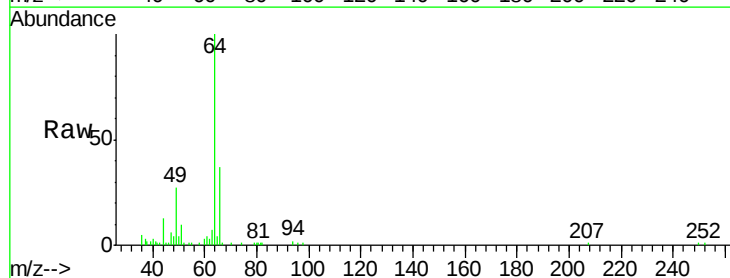
Acq: 10 Jul 2018 00:39

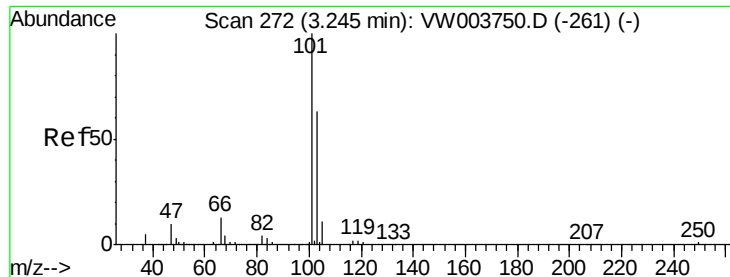
Tgt Ion: 64 Resp: 27619

Ion Ratio Lower Upper

64 100

66 36.8 25.1 37.7





#7

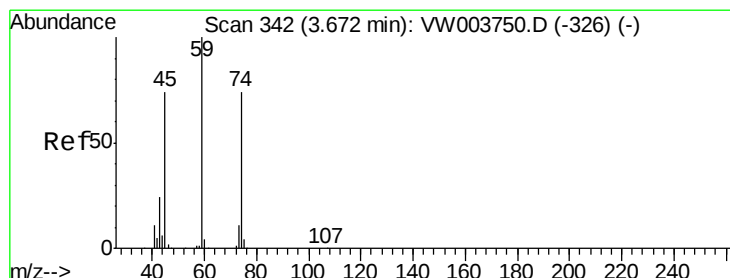
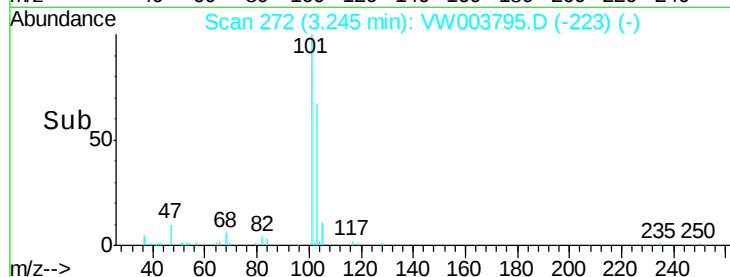
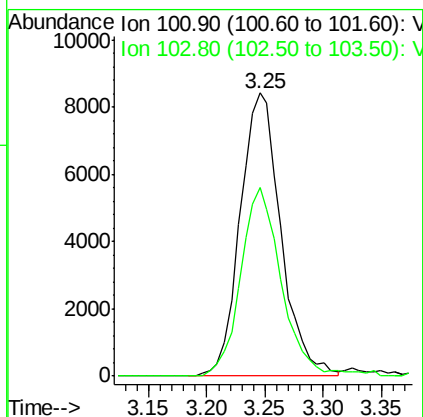
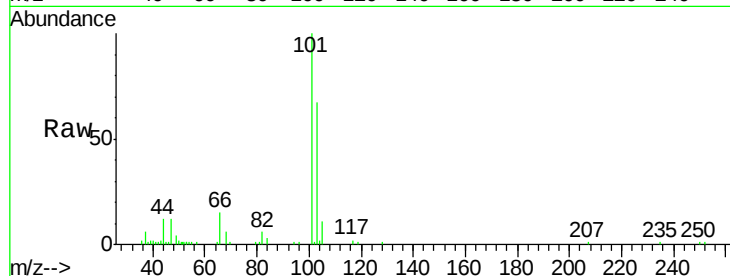
Trichlorofluoromethane
 Concen: 21.155 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW003795.D
 Acq: 10 Jul 2018 00:39

Instrument :
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 ClientSampleId :
 VW0709SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.7	50.7	76.1

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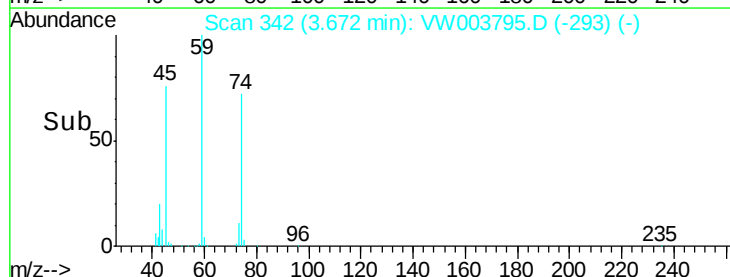
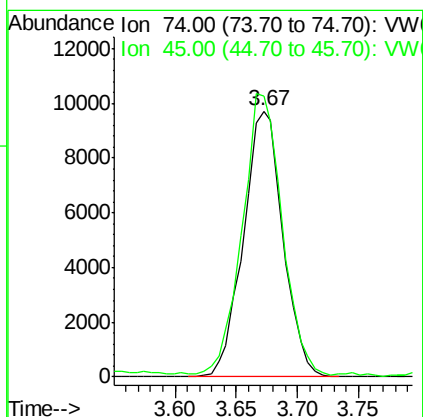
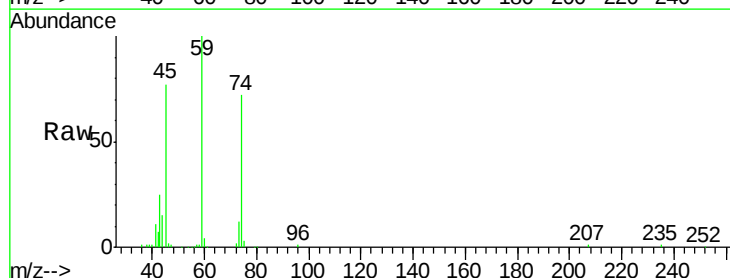
apatel
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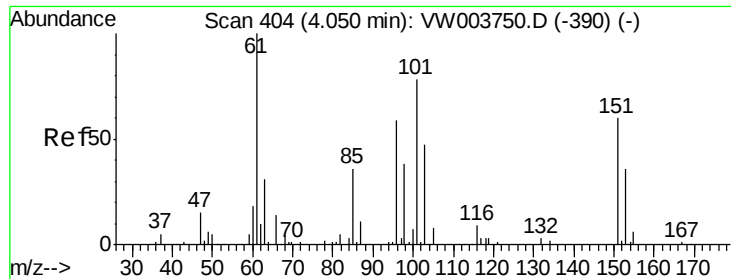


#8

Diethyl Ether
 Concen: 21.918 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW003795.D
 Acq: 10 Jul 2018 00:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.4	52.4	157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.191 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

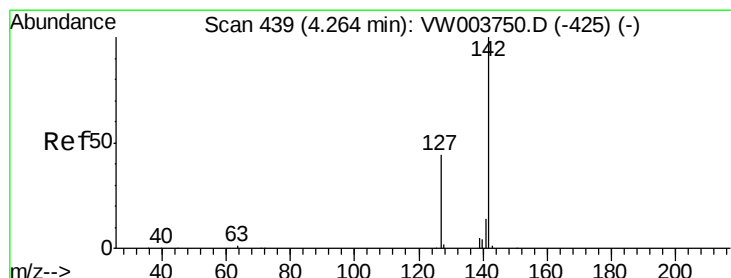
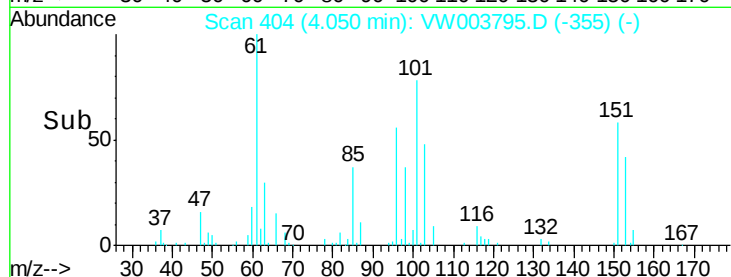
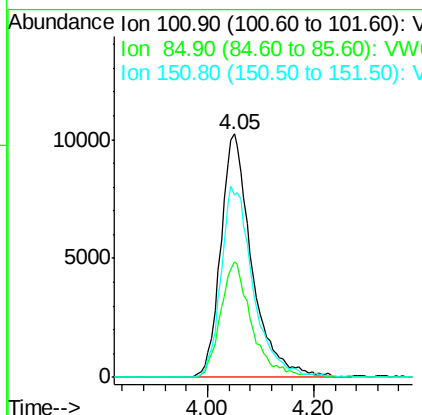
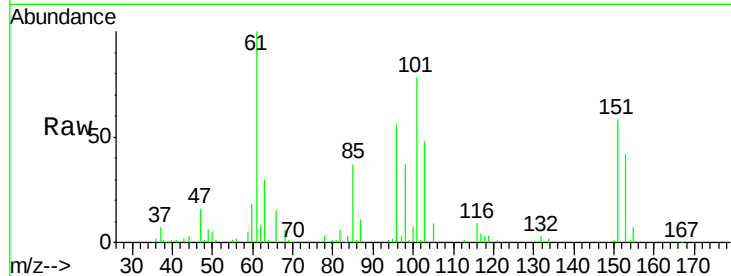
ClientSampleId :

VW0709SBS02

Tot Ion:	101	Resp:	41912
Ion Ratio	Lower	Upper	
101	100		
85	46.7	37.1	55.7
151	79.8	62.3	93.5

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#10

Methyl Iodide

Concen: 21.628 ug/l

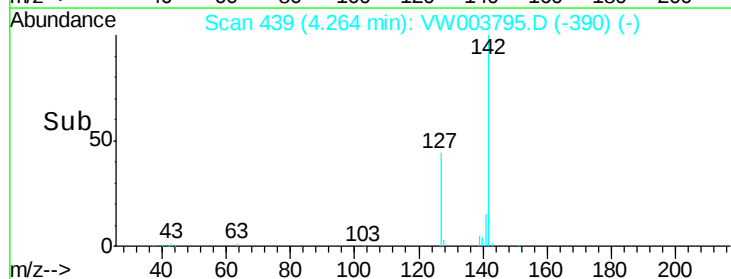
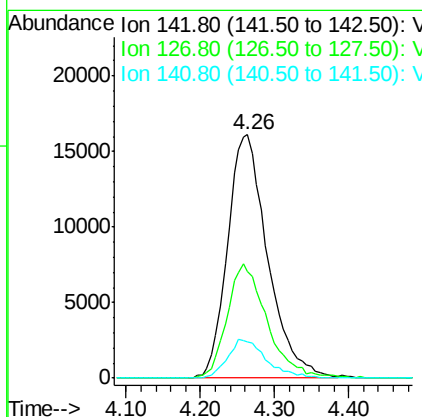
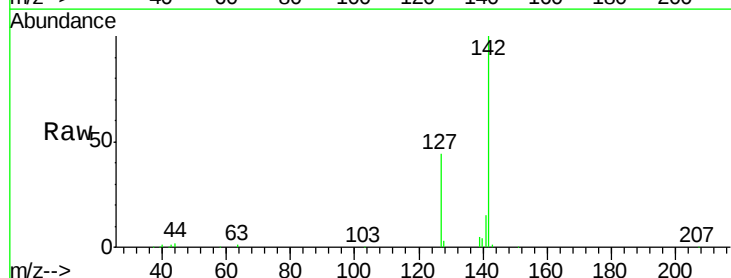
RT: 4.26 min Scan# 439

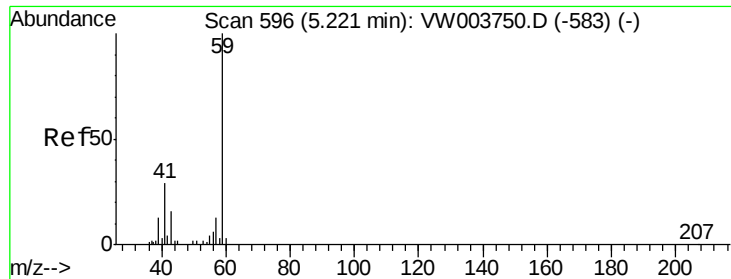
Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Tgt Ion:	142	Resp:	60803
Ion Ratio	Lower	Upper	
142	100		
127	46.7	36.1	54.1
141	15.2	11.6	17.4





#11

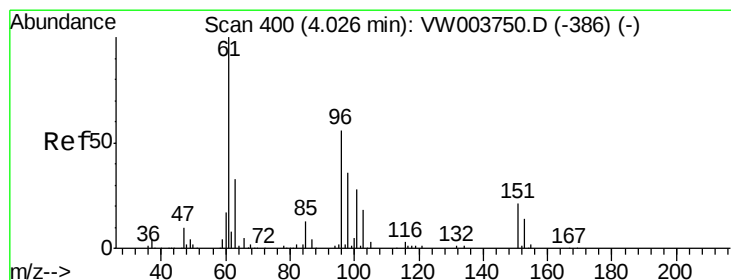
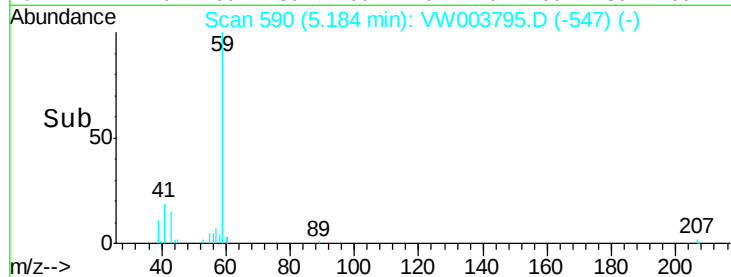
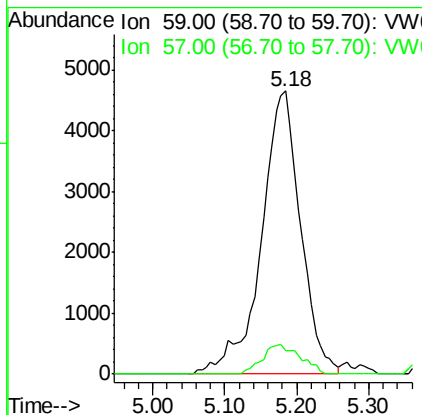
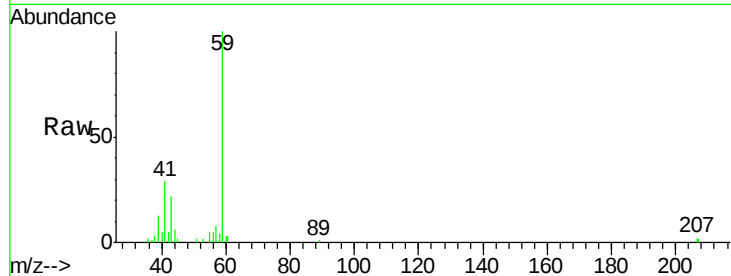
Tert butyl alcohol
Concen: 125.599 ug/l
RT: 5.18 min Scan# 590
Delta R.T. -0.04 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Instrument :
MSVOA_W
ClientSampled :
VW0709SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	9.3	13.9

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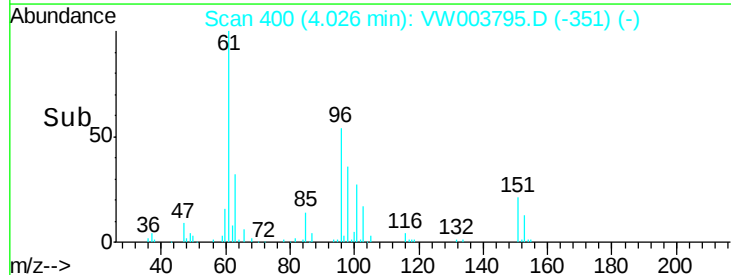
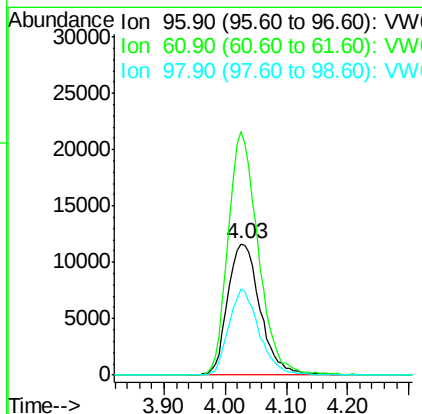
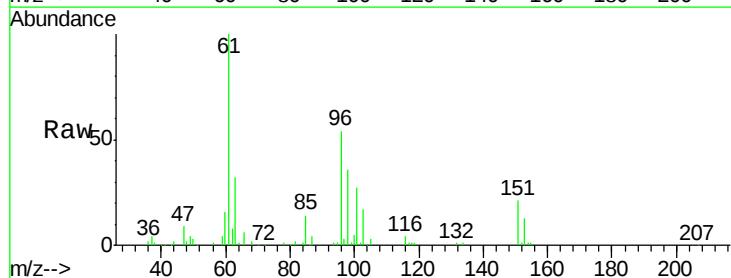
apatel
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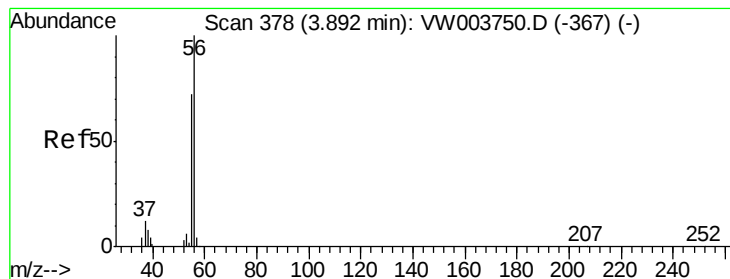


#12

1,1-Dichloroethene
Concen: 22.902 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	185.6	143.2	214.8
98	66.0	51.4	77.0





#13

Acrolein

Concen: 97.548 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.01 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS02

Tot Ion: 56 Resp: 20349

Ion Ratio Lower Upper

56 100

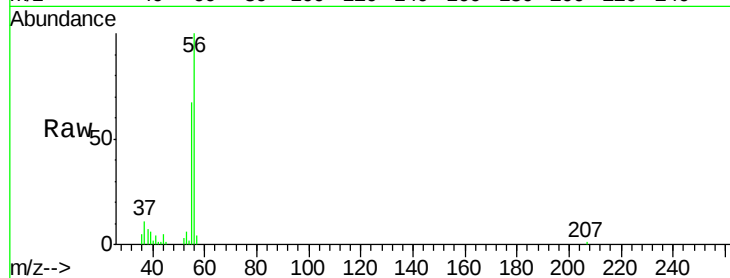
55 69.6 57.5 86.3

Manual Integrations

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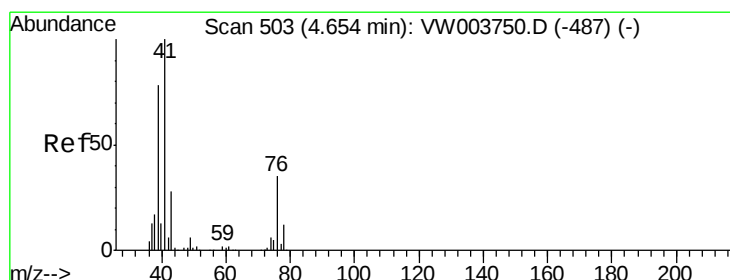
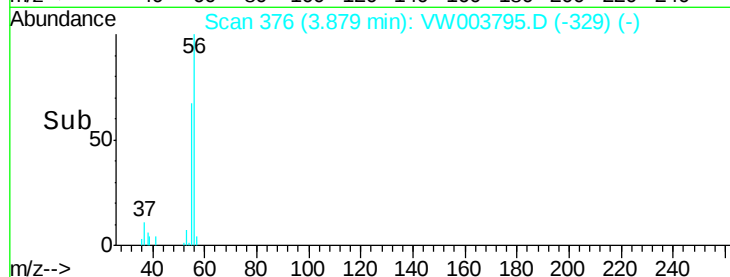
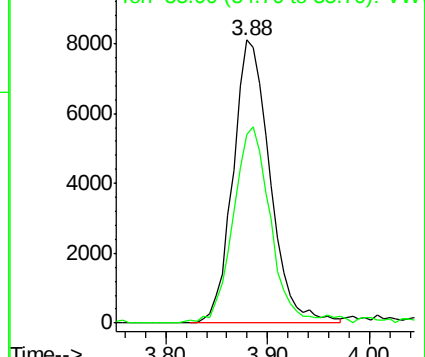
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 21.058 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

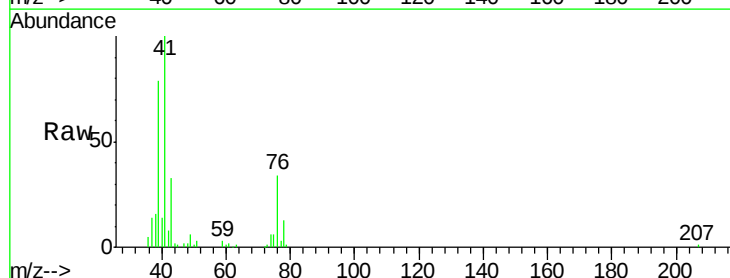
Tgt Ion: 41 Resp: 67896

Ion Ratio Lower Upper

41 100

39 76.9 60.9 91.3

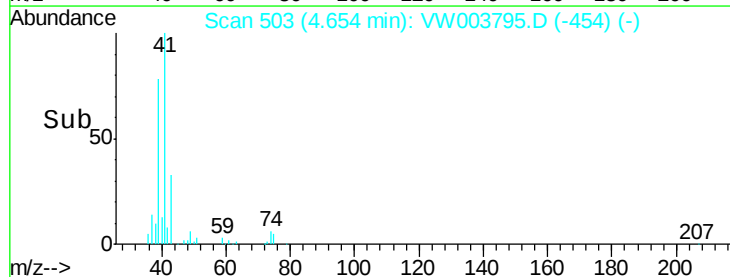
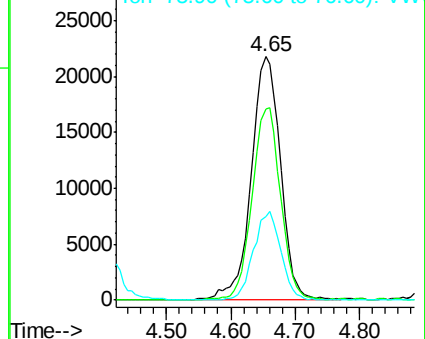
76 33.9 27.5 41.3

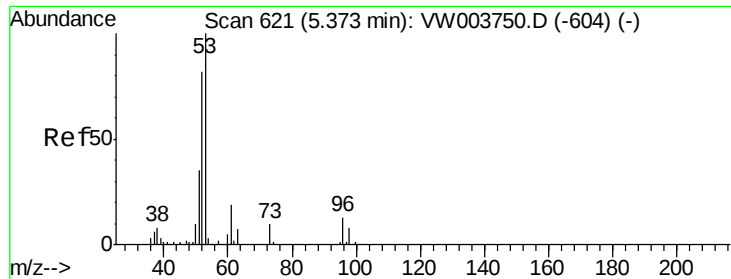


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 107.804 ug/l

RT: 5.36 min Scan# 619

Delta R.T. -0.01 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

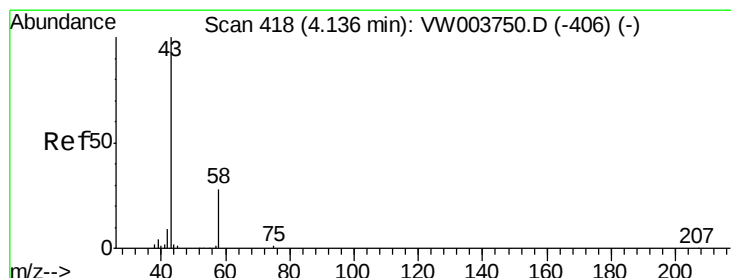
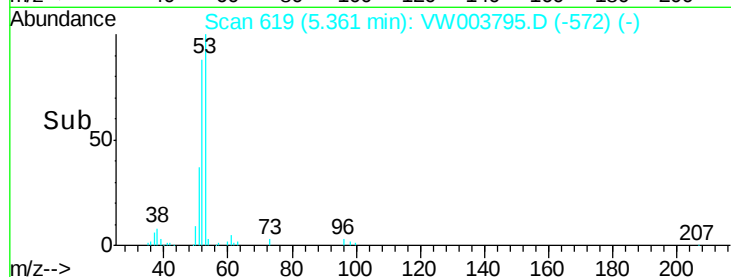
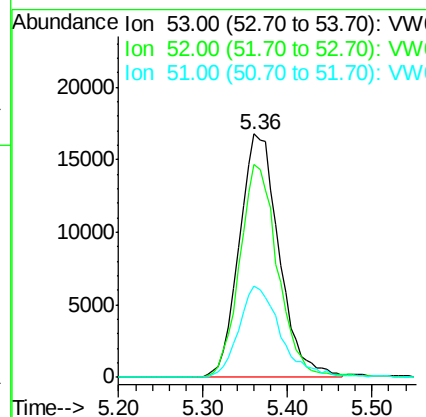
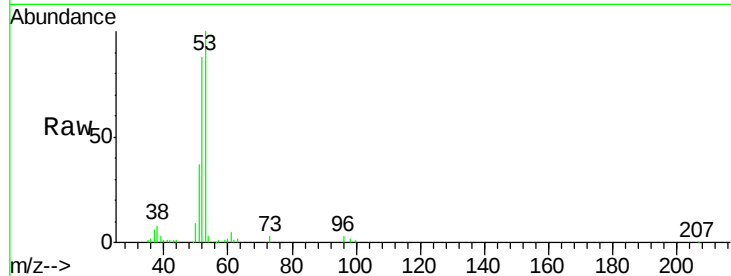
ClientSampleId :

VW0709SBS02

Tot Ion:	53	Resp:	53732
Ion Ratio	Lower	Upper	
53	100		
52	83.9	66.2	99.2
51	39.2	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 110.176 ug/l

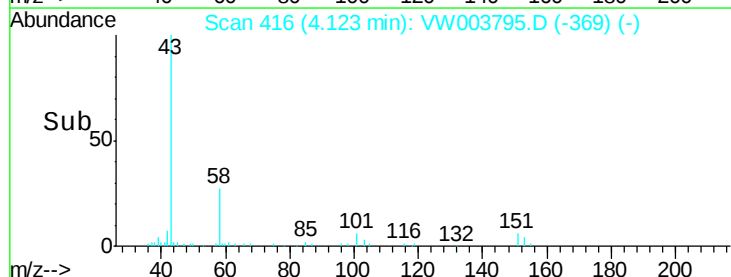
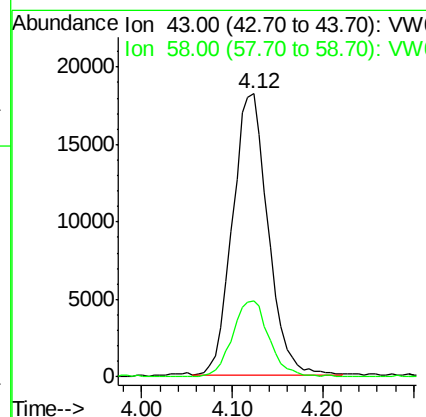
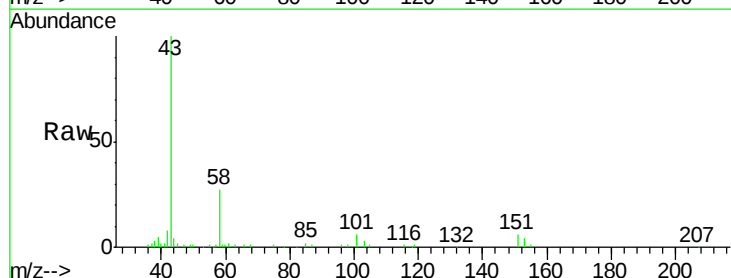
RT: 4.12 min Scan# 416

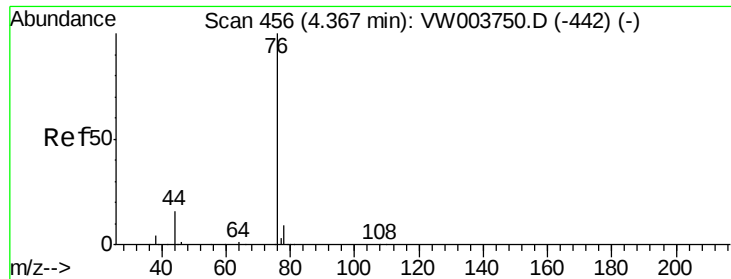
Delta R.T. -0.01 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Tgt Ion:	43	Resp:	49348
Ion Ratio	Lower	Upper	
43	100		
58	27.2	22.6	34.0





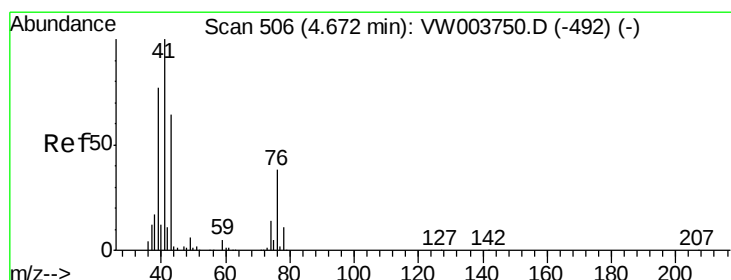
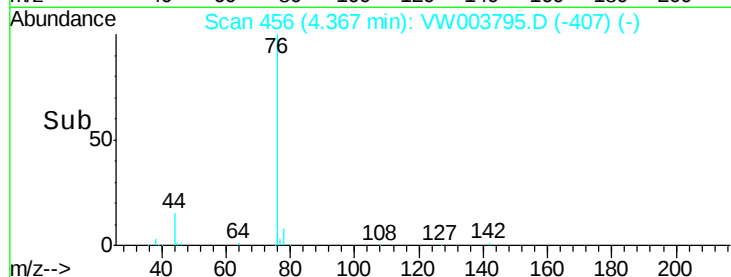
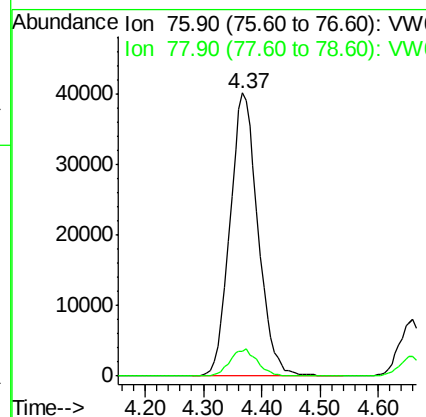
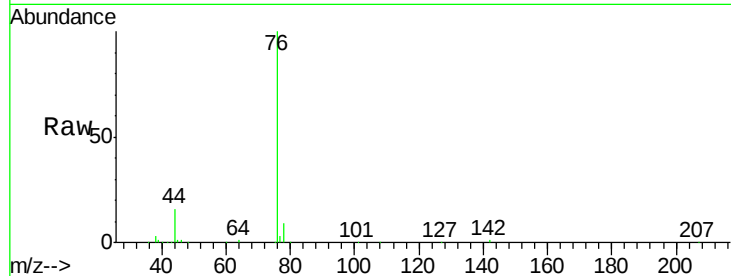
#17
Carbon Disulfide
Concen: 21.944 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.2

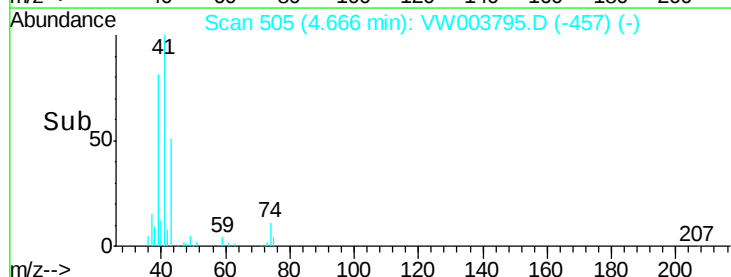
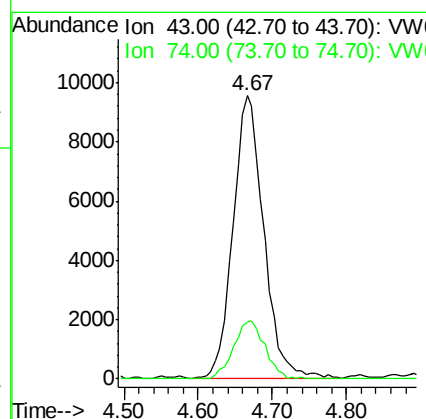
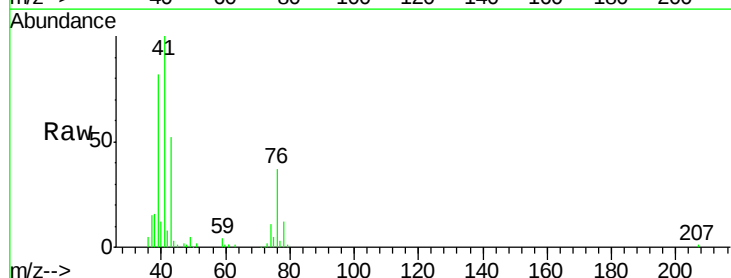
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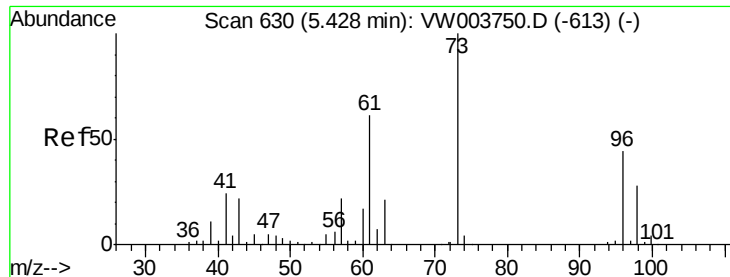
apatel
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#18
Methyl Acetate
Concen: 21.965 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	17.3	25.9





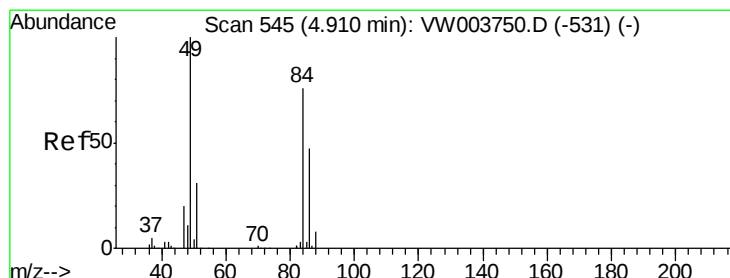
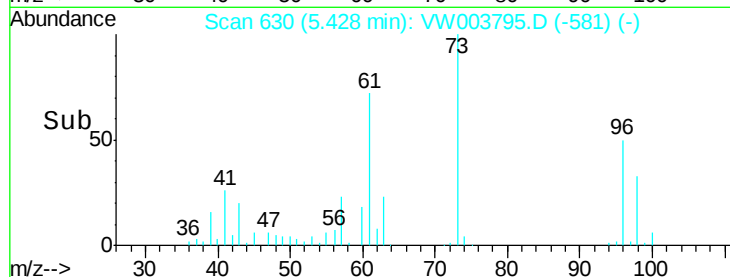
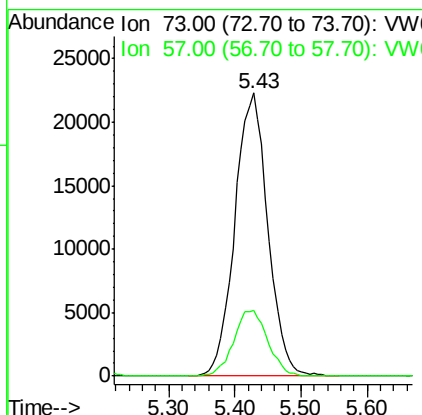
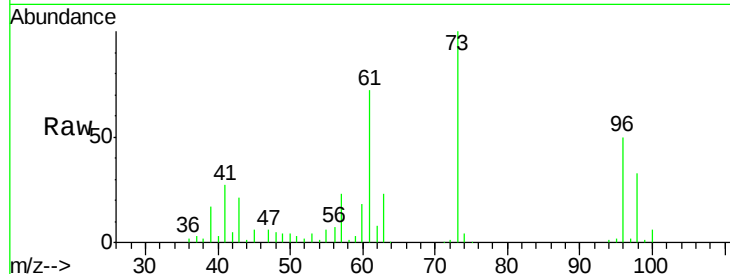
#19
Methvl tert-butvl Ether
Concen: 20.155 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion: 73 Resp: 77236
Ion Ratio Lower Upper
73 100
57 23.1 17.9 26.9

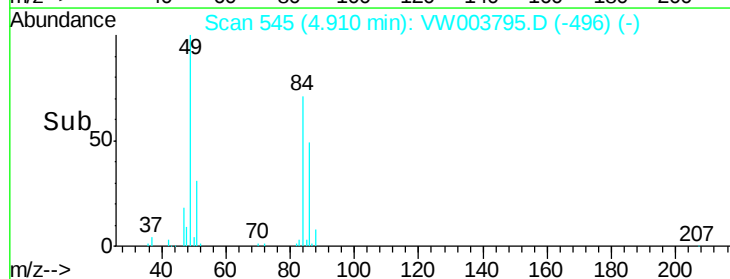
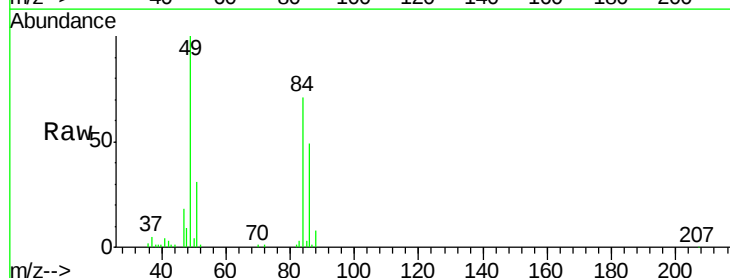
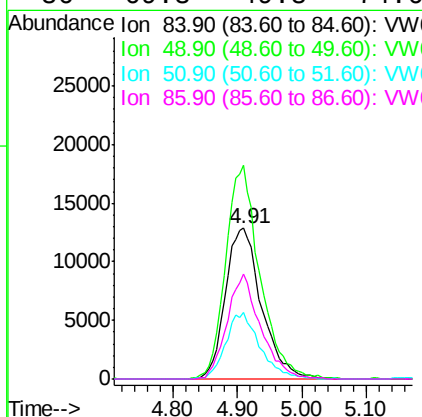
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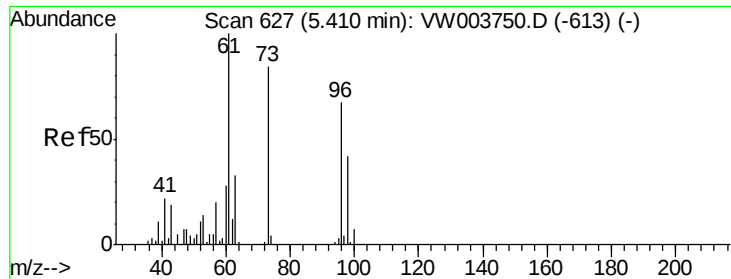
apatel
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#20
Methylene Chloride
Concen: 20.503 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Tgt Ion: 84 Resp: 50401
Ion Ratio Lower Upper
84 100
49 141.5 105.1 157.7
51 44.2 32.5 48.7
86 69.3 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 20.918 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

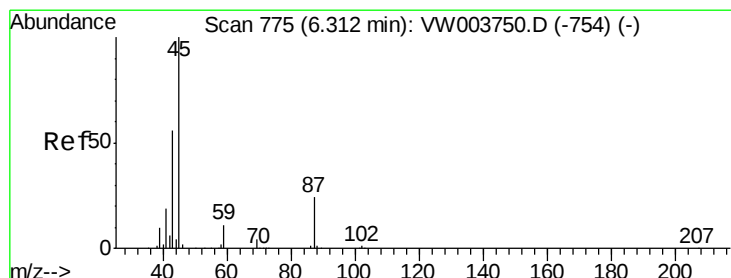
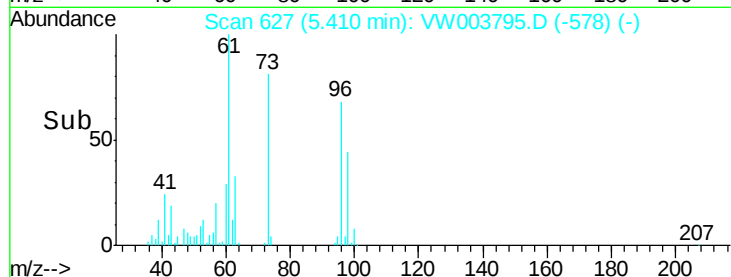
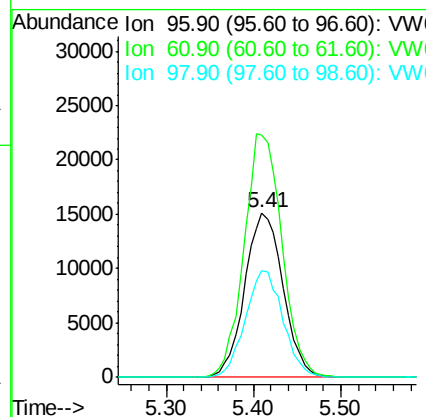
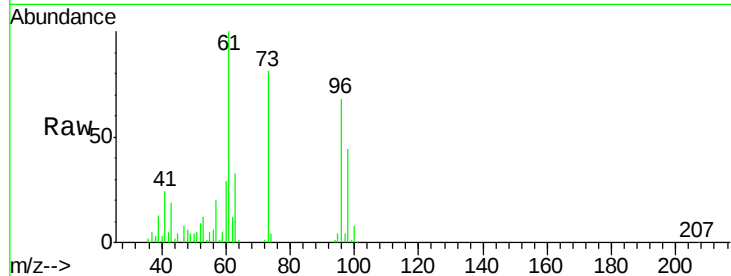
ClientSampleId :

VW0709SBS02

Tot Ion:	96	Resp:	45925
Ion	Ratio	Lower	Upper
96	100		
61	146.9	119.0	178.6
98	65.0	49.8	74.8

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#22

Diisopropyl ether

Concen: 20.580 ug/l

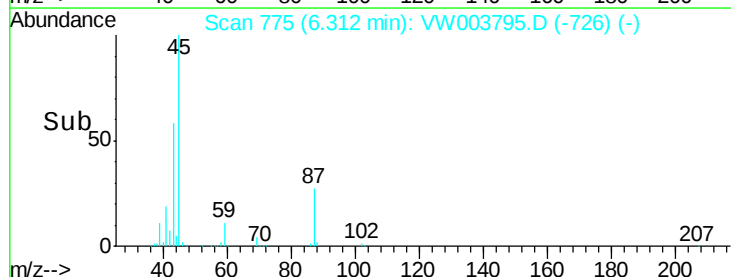
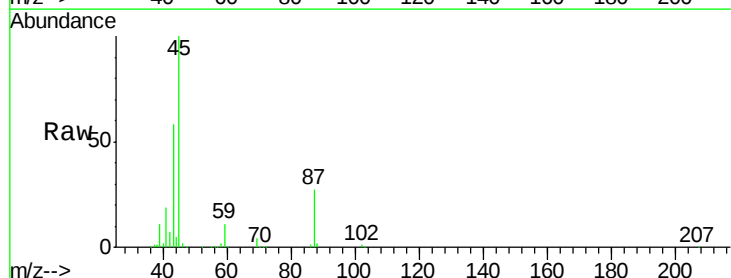
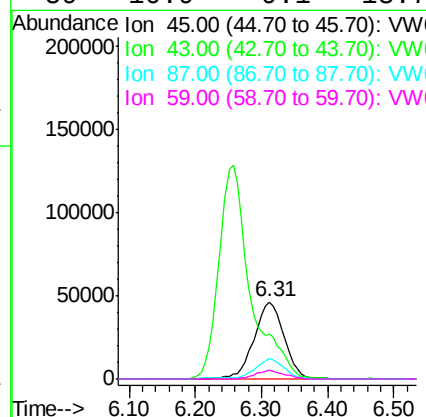
RT: 6.31 min Scan# 775

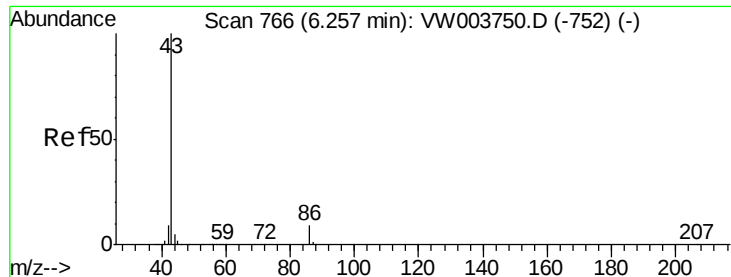
Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Tgt Ion:	45	Resp:	145874
Ion	Ratio	Lower	Upper
45	100		
43	57.8	44.5	66.7
87	26.4	19.6	29.4
59	10.9	9.1	13.7





#23

Vinyl Acetate

Concen: 98.368 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

ClientSampleID :

VW0709SBS02

Tot Ion: 43 Resp: 425636

Ion Ratio Lower Upper

43 100

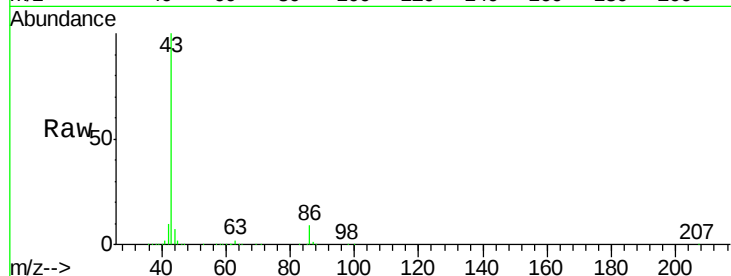
86 9.3 7.3 10.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

150000

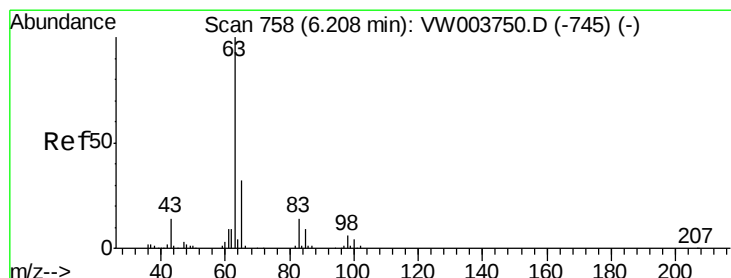
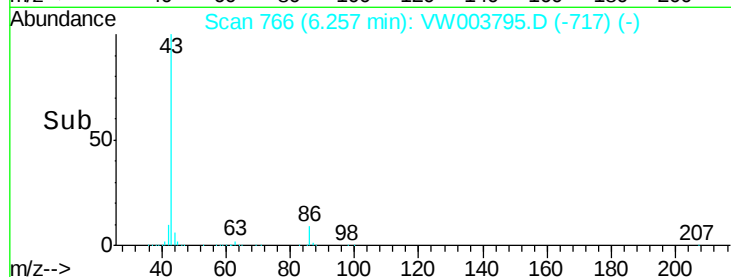
100000

50000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 20.214 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

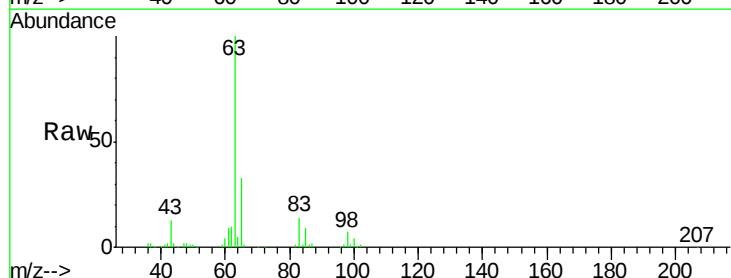
Tgt Ion: 63 Resp: 86658

Ion Ratio Lower Upper

63 100

98 7.1 3.2 9.6

100 3.8 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

30000

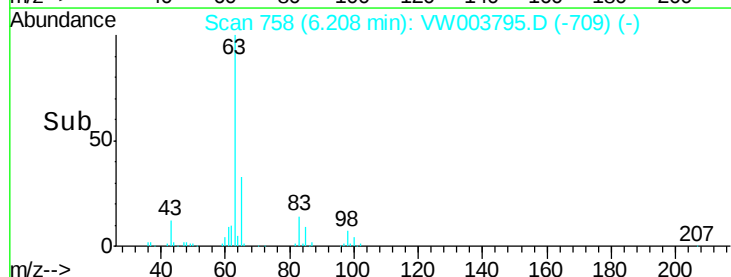
20000

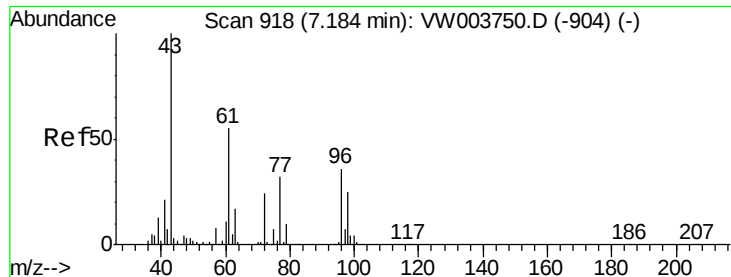
10000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 101.526 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

ClientSampled :

VW0709SBS02

Tot Ion: 43 Resp: 71224

Ion Ratio Lower Upper

43 100

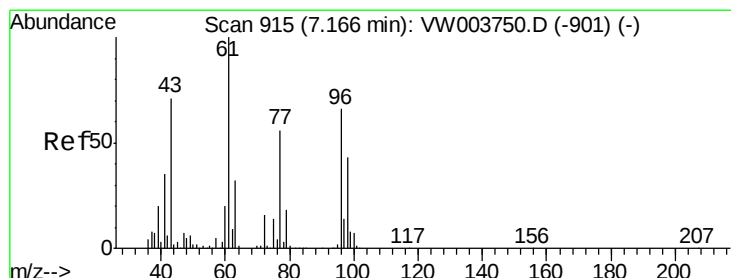
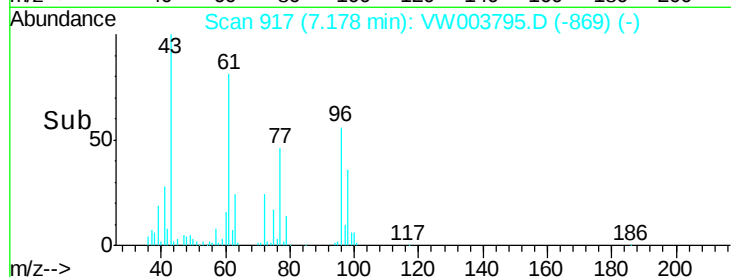
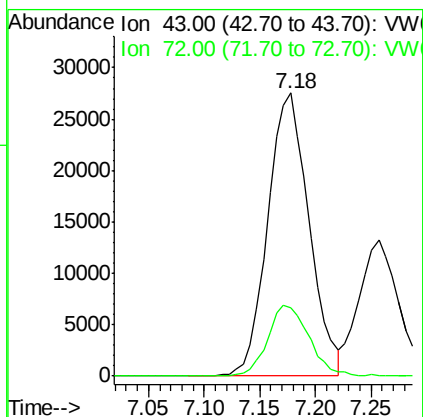
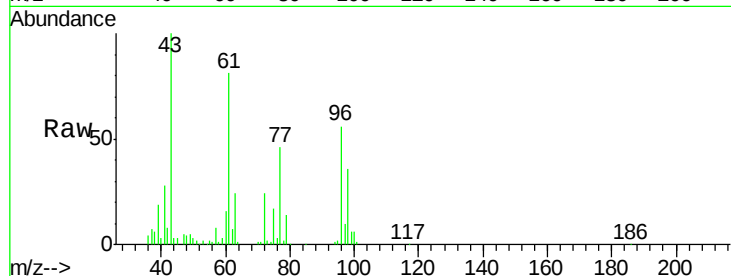
72 24.0 19.4 29.2

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#26

2,2-Dichloropropane

Concen: 19.773 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW003795.D

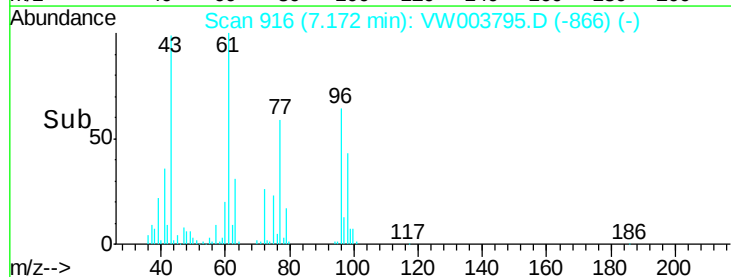
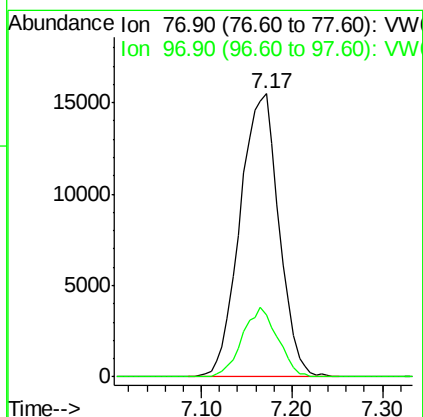
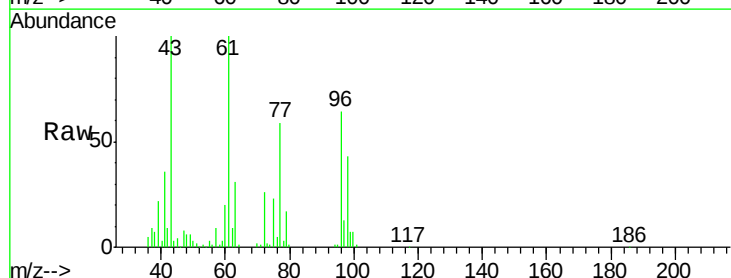
Acq: 10 Jul 2018 00:39

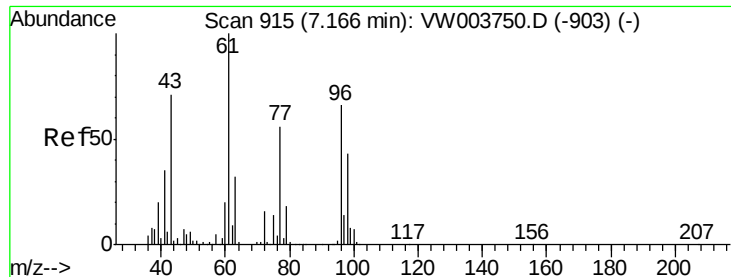
Tgt Ion: 77 Resp: 45977

Ion Ratio Lower Upper

77 100

97 22.2 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 19.914 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

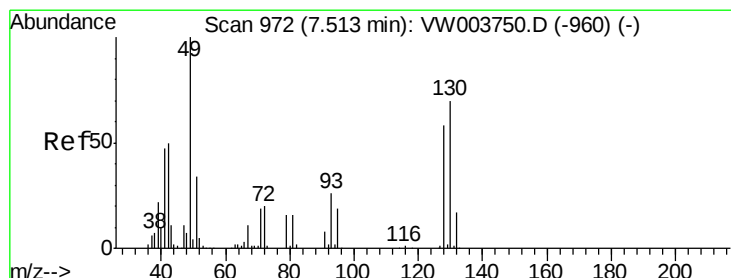
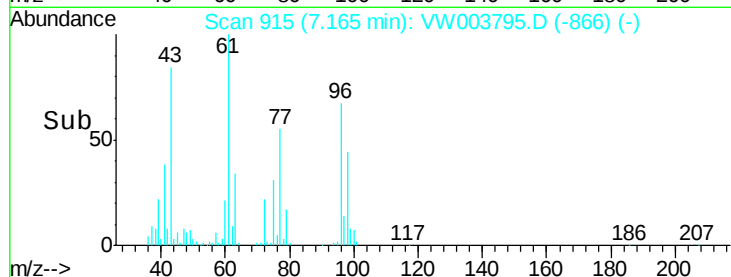
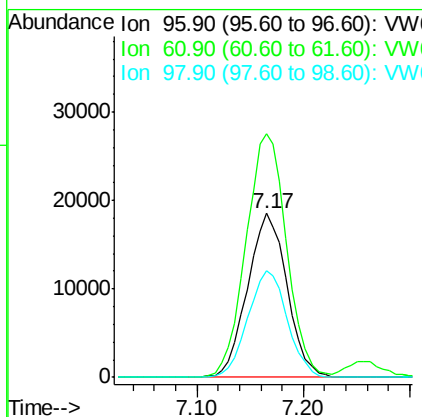
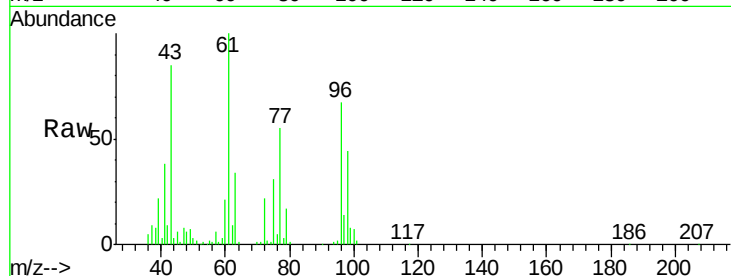
ClientSampleId :

VW0709SBS02

Tot Ion:	96	Resp:	48346
Ion	Ratio	Lower	Upper
96	100		
61	152.1	0.0	300.8
98	64.8	0.0	128.6

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#28

Bromochloromethane

Concen: 20.671 ug/l

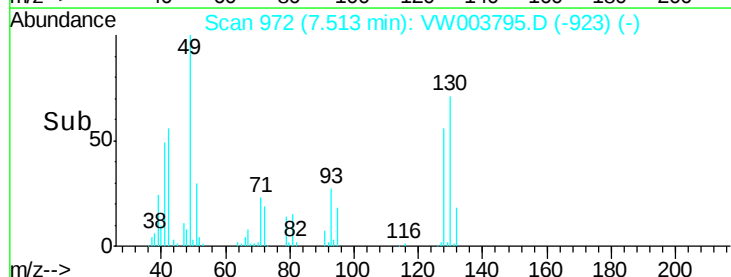
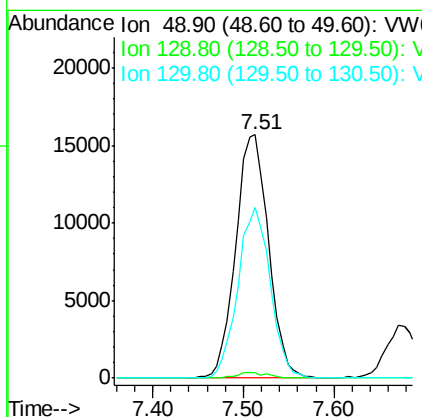
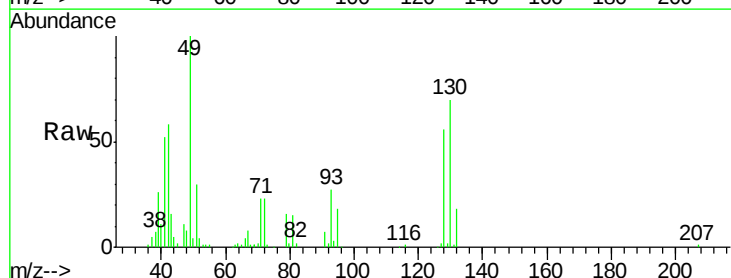
RT: 7.51 min Scan# 972

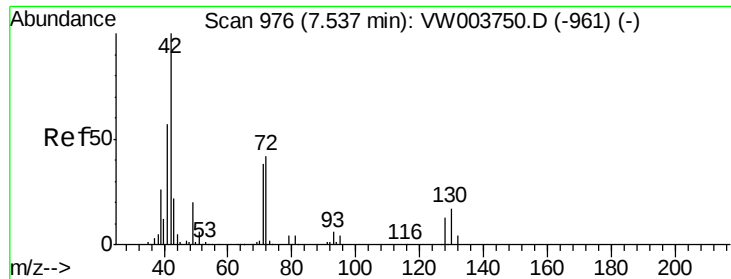
Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Tgt Ion:	49	Resp:	39478
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	69.0	56.9	85.3





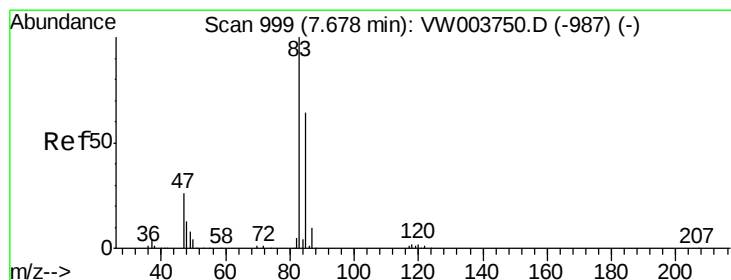
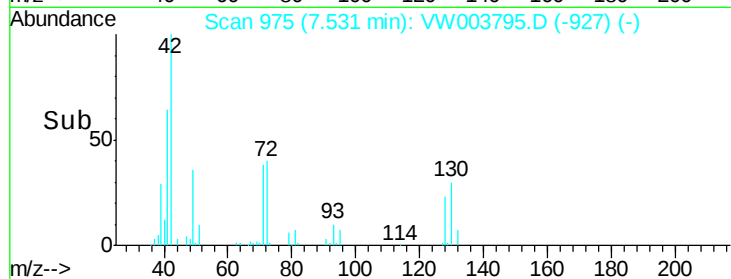
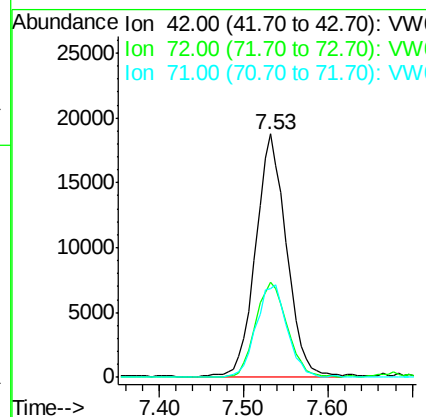
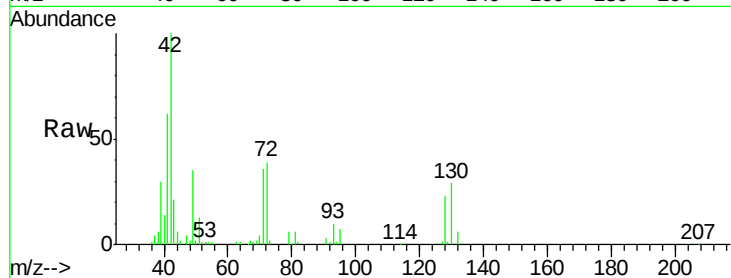
#29
Tetrahydrofuran
Concen: 104.300 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	31.8	47.8
71	38.0	30.3	45.5

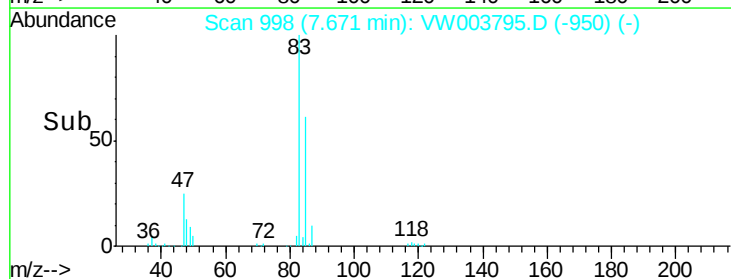
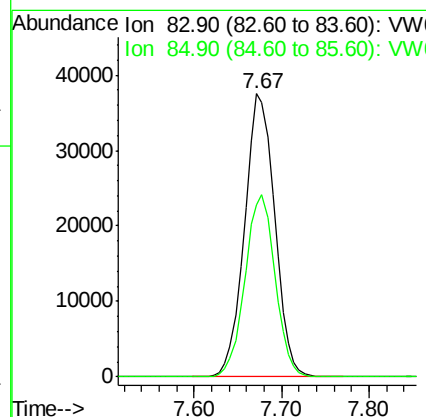
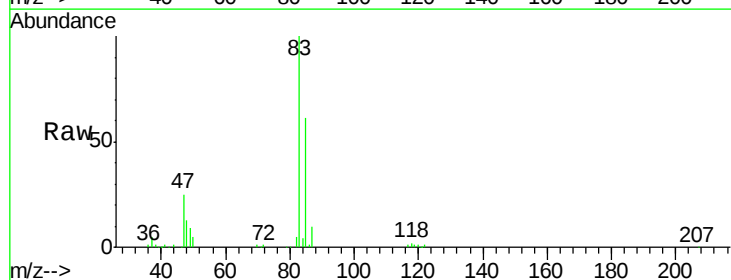
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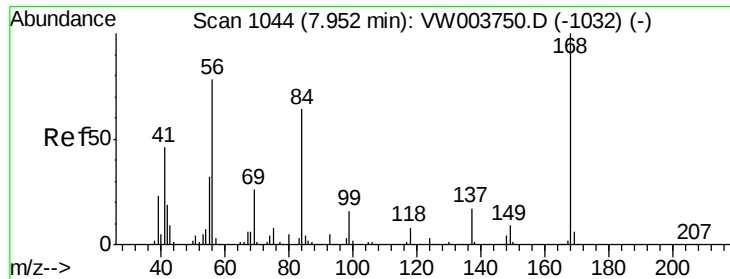
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#30
Chloroform
Concen: 20.548 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.8	51.5	77.3





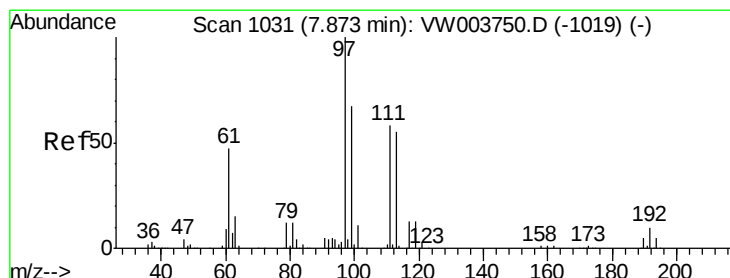
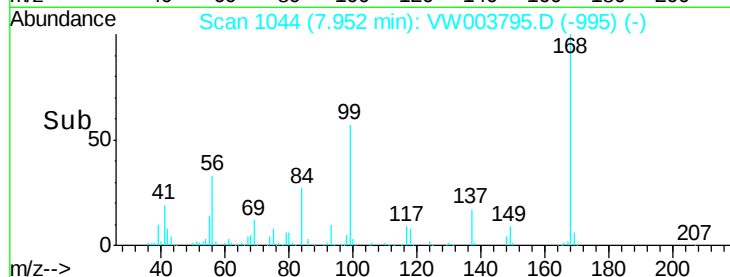
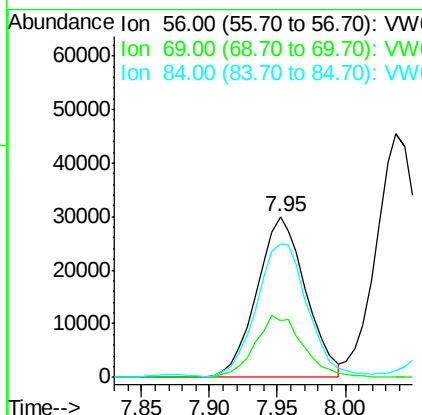
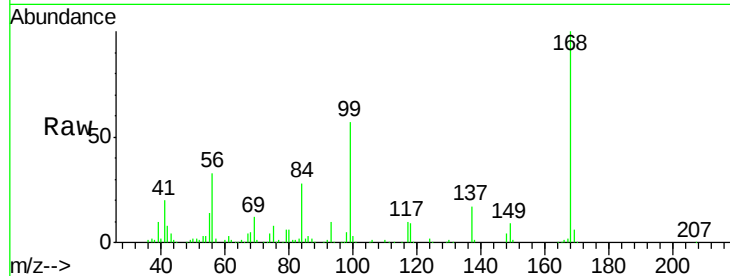
#31
Cyclohexane
Concen: 19.926 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.6	26.2	39.4
84	81.6	65.5	98.3

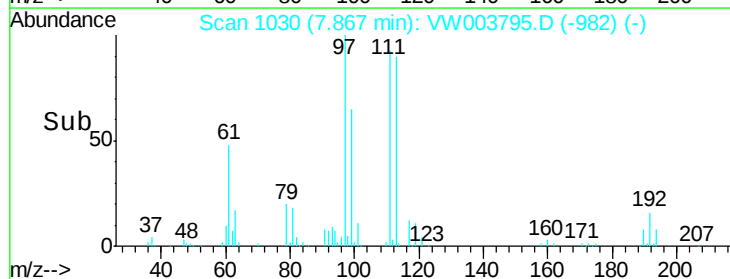
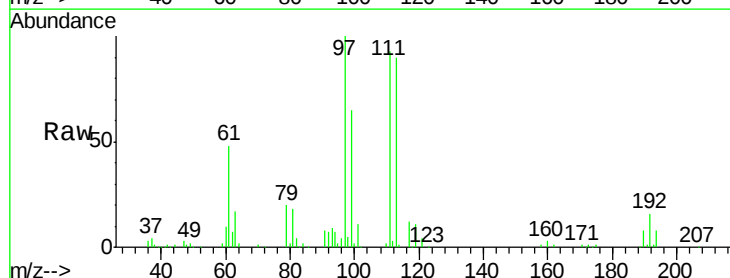
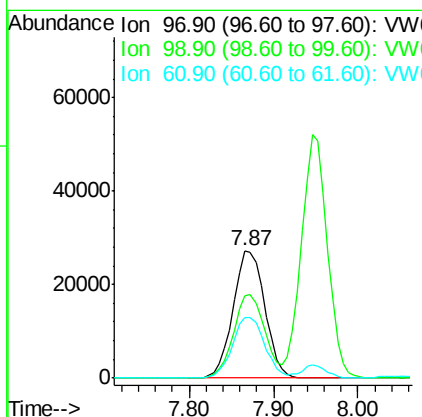
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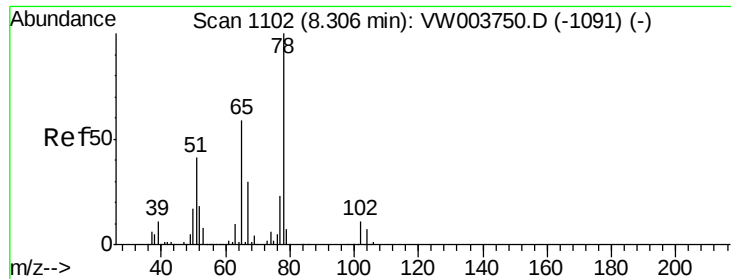
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#32
1,1,1-Trichloroethane
Concen: 20.820 ug/l
RT: 7.87 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.2	76.8
61	48.1	37.6	56.4





#33

1,2-Dichloroethane-d4

Concen: 49.820 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS02

Tot Ion: 65 Resp: 128617

Ion Ratio Lower Upper

65 100

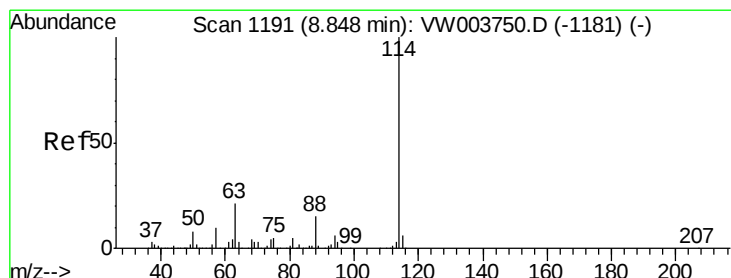
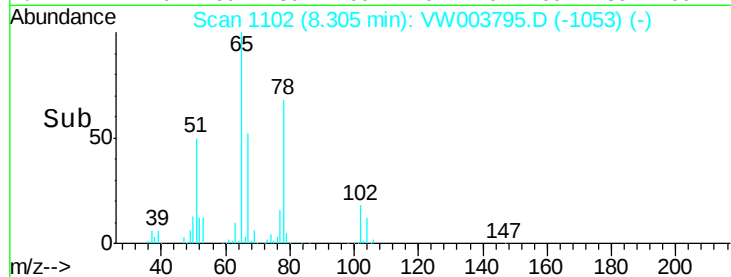
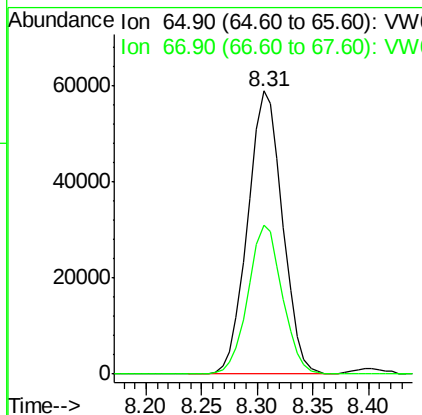
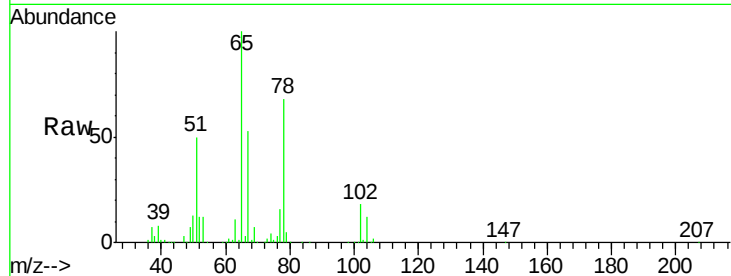
67 51.8 0.0 103.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

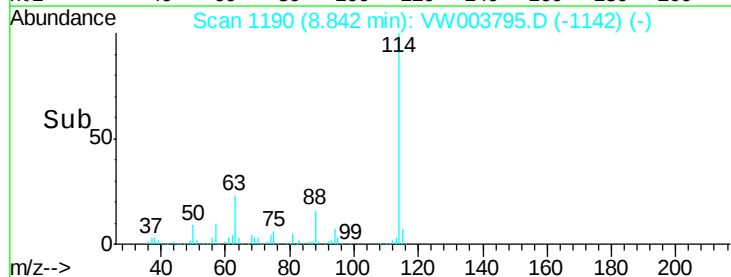
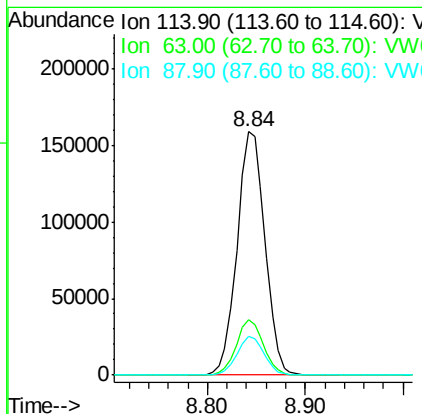
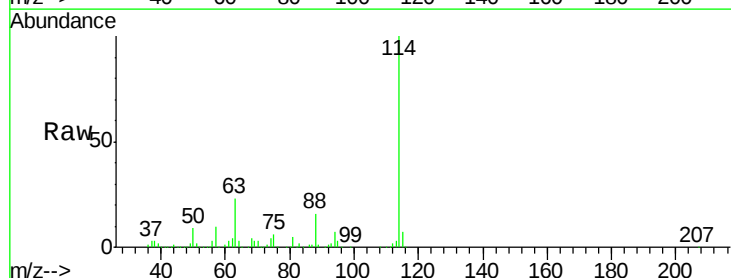
Tgt Ion: 114 Resp: 314090

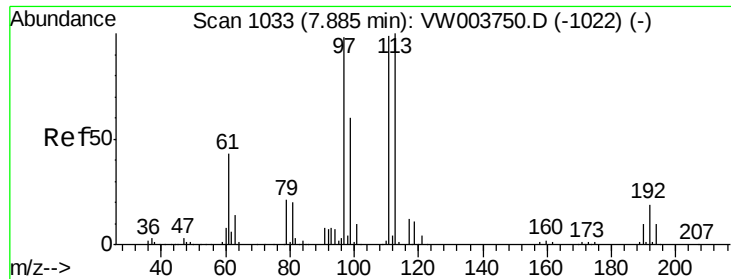
Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.8

88 15.8 0.0 30.2





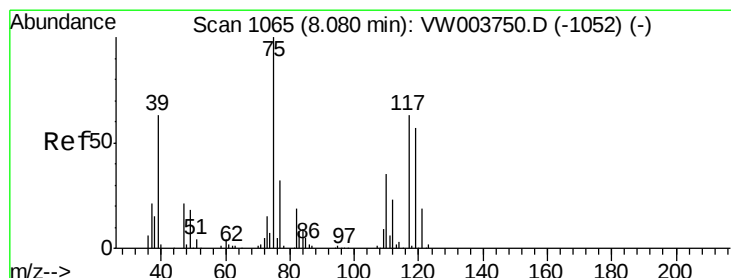
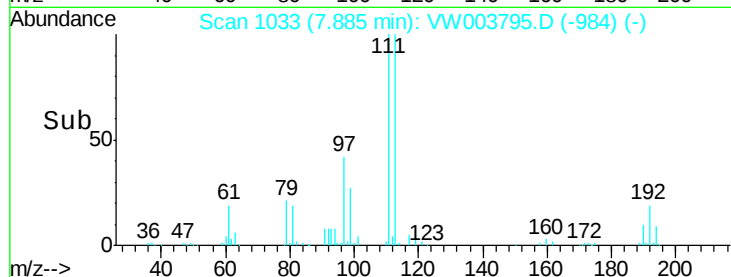
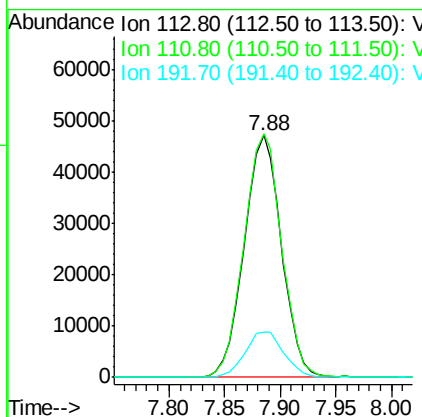
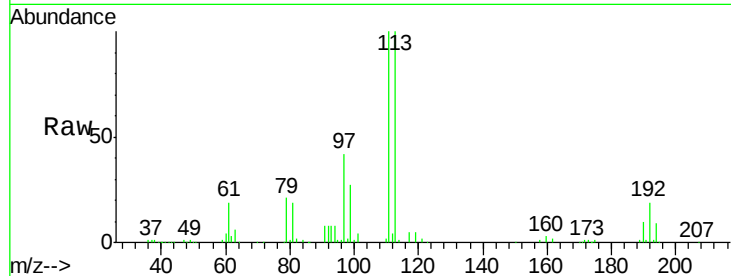
#35
 Dibromofluoromethane
 Concen: 49.943 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003795.D
 Acq: 10 Jul 2018 00:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	109788		
111	102.1		81.7	122.5
192	19.5		15.8	23.8

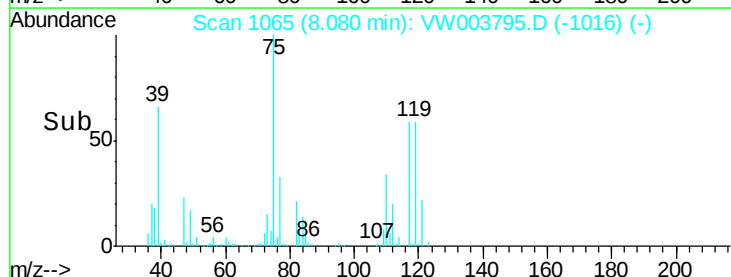
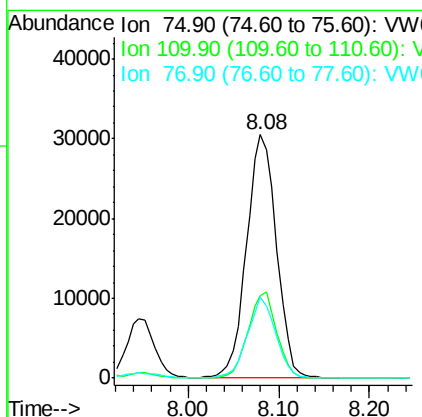
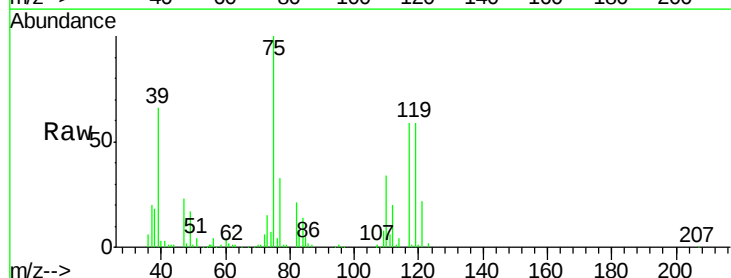
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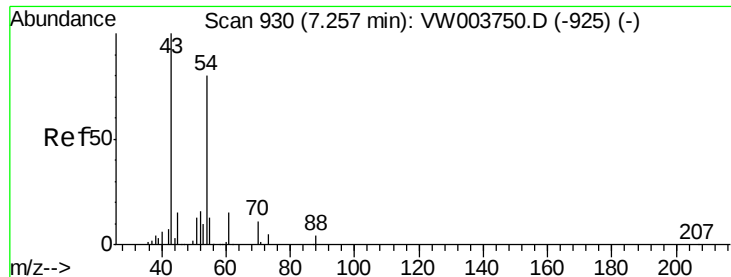
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#36
 1,1-Dichloropropene
 Concen: 20.964 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003795.D
 Acq: 10 Jul 2018 00:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69866		
110	33.8		16.9	50.6
77	31.5		24.8	37.2





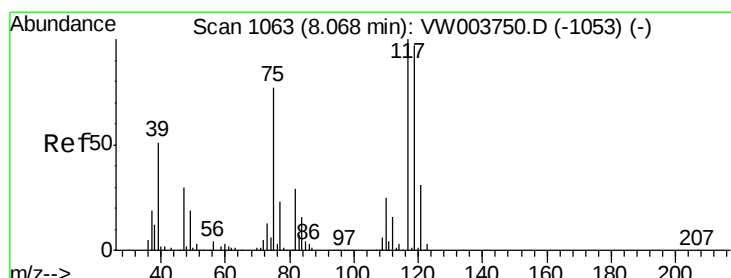
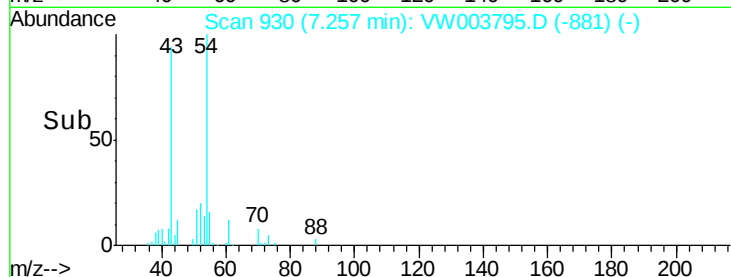
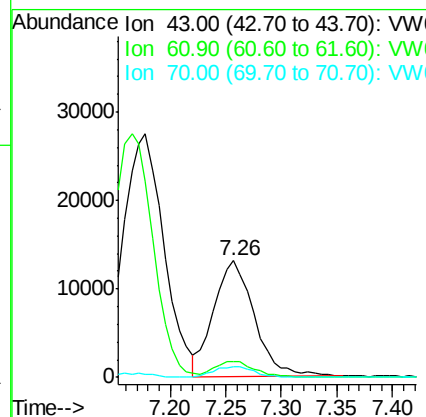
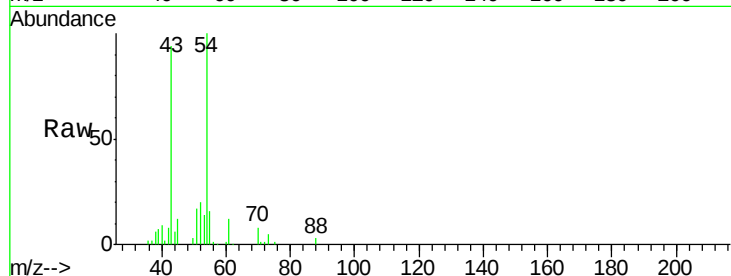
#37
Ethyl Acetate
Concen: 20.637 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.6	15.8
70	9.2	7.5	11.3

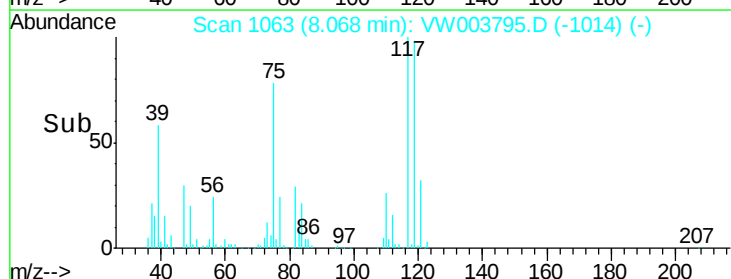
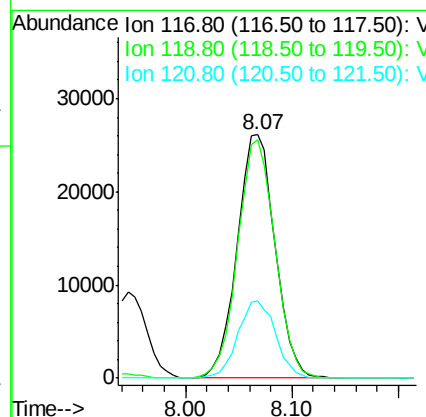
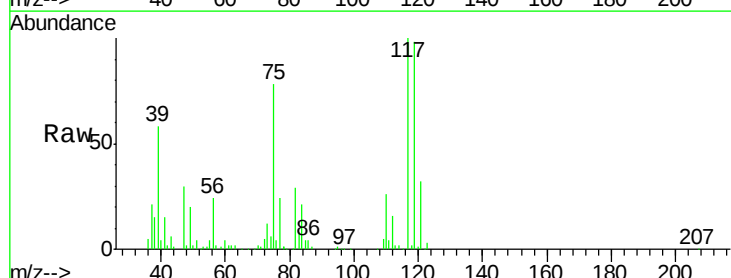
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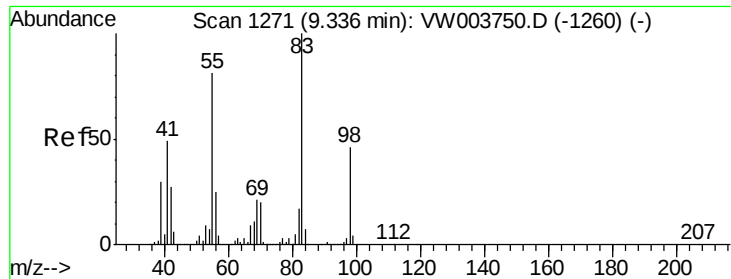
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#38
Carbon Tetrachloride
Concen: 20.612 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.4	116.2
121	31.7	24.6	37.0





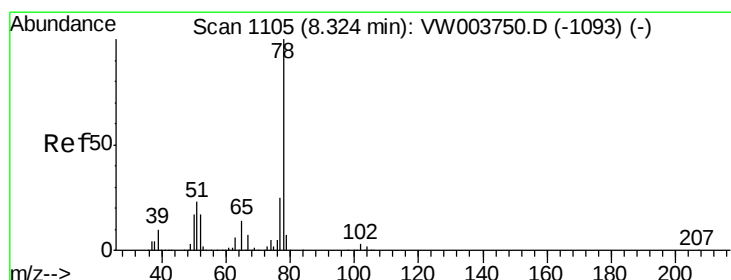
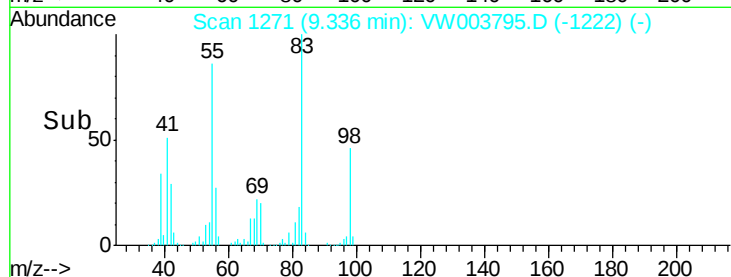
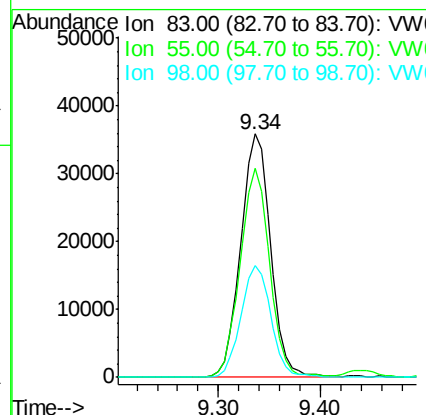
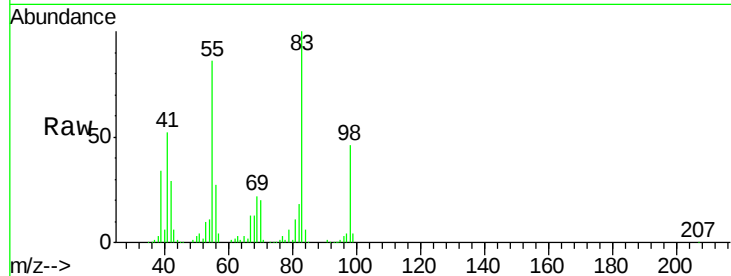
#39
Methvlcvclohexane
Concen: 19.982 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.7	65.1	97.7
98	45.7	36.7	55.1

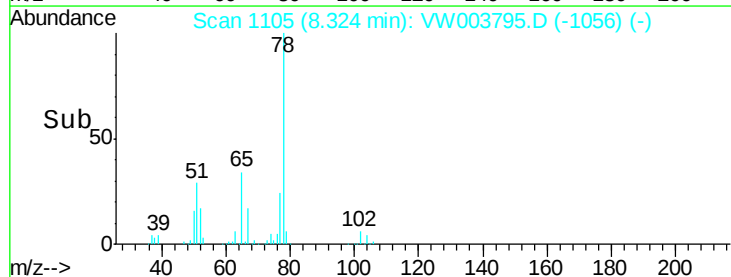
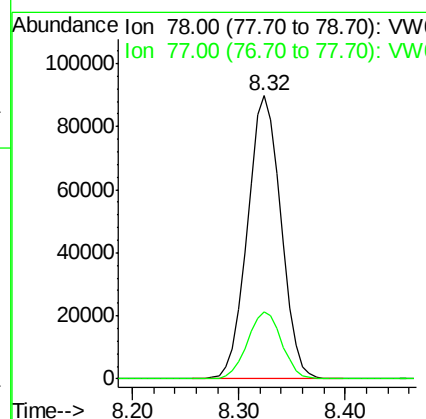
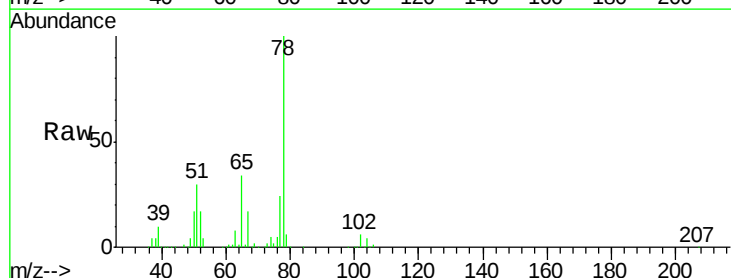
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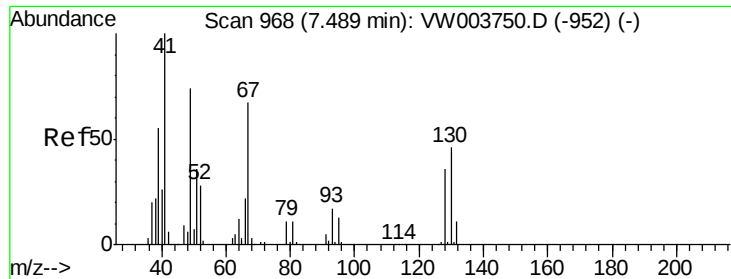
apatel
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#40
Benzene
Concen: 20.805 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.7	29.5





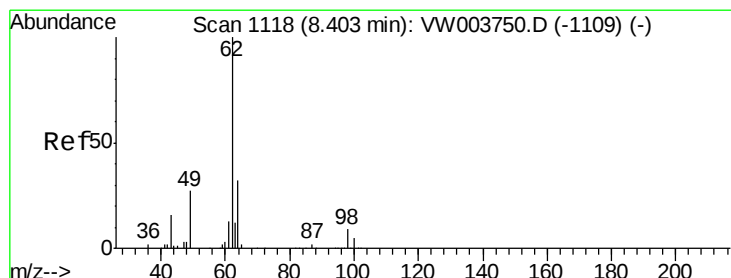
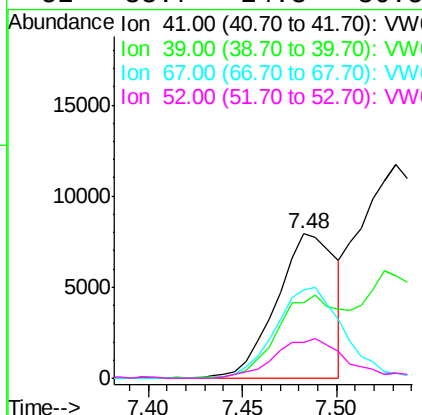
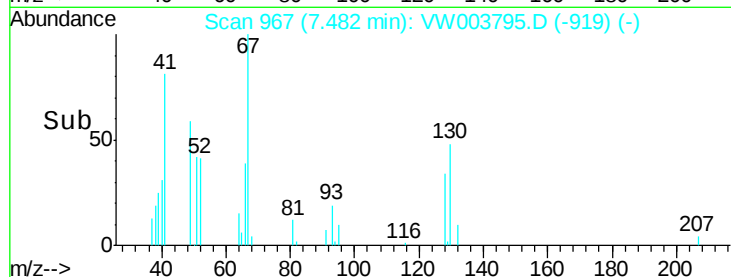
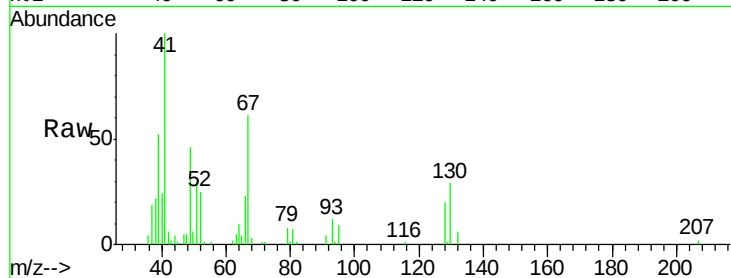
#41
Methacrylonitrile
Concen: 18.582 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	41	Resp	17333
Ion Ratio	Lower	Upper	
41	100		
39	65.0	49.5	74.3
67	71.7	53.8	80.8
52	33.7	24.3	36.5

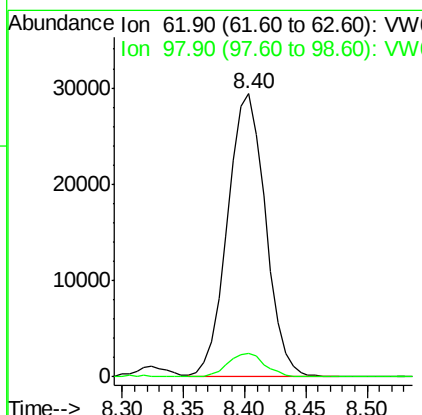
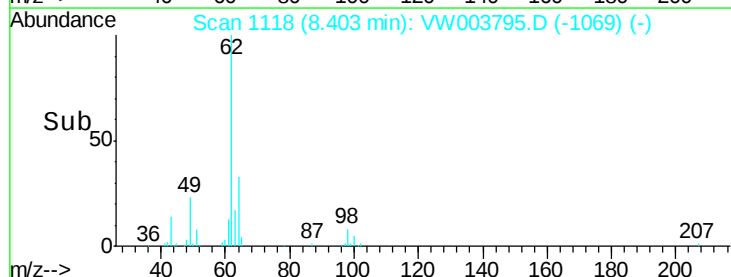
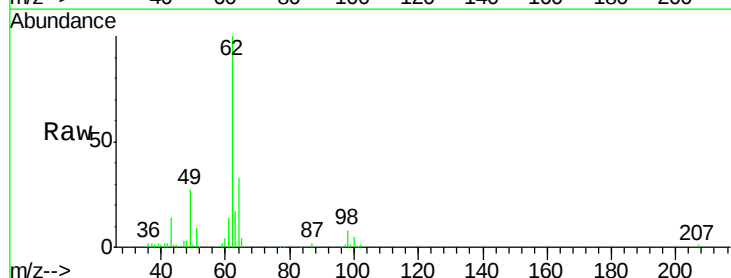
Manual Integrations
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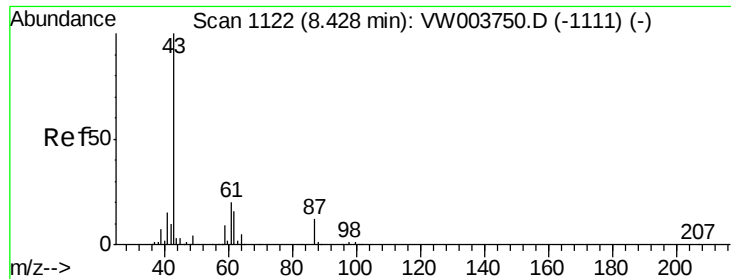
apatel
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#42
1,2-Dichloroethane
Concen: 20.547 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Tgt Ion	62	Resp	63357
Ion Ratio	Lower	Upper	
62	100		
98	8.1	0.0	16.4





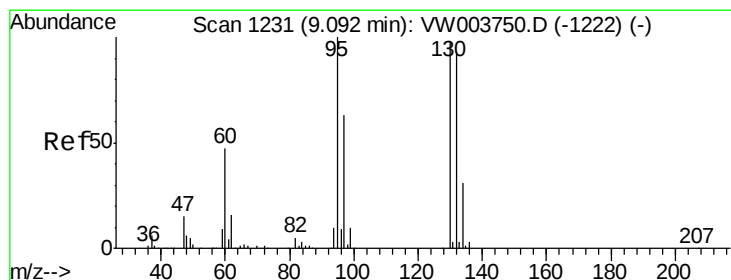
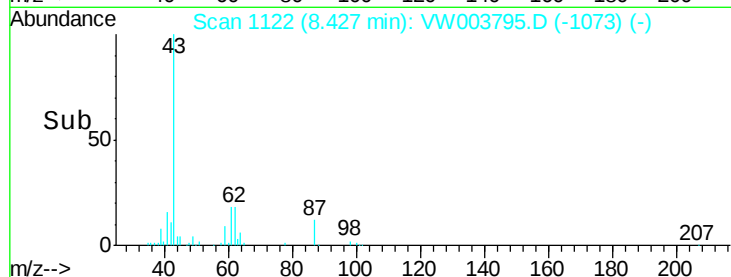
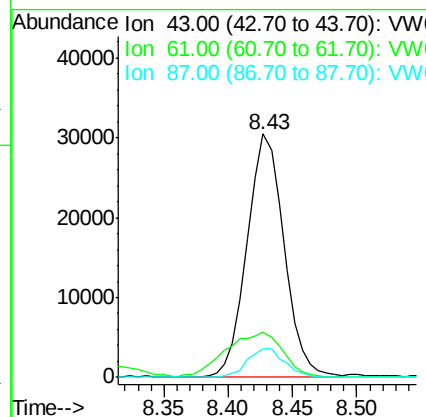
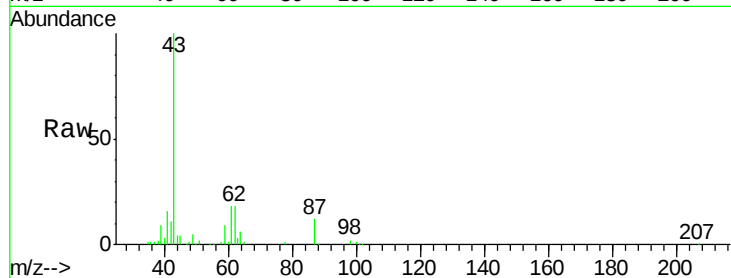
#43
Isopropyl Acetate
Concen: 19.690 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.1	22.8	34.2
87	12.0	9.5	14.3

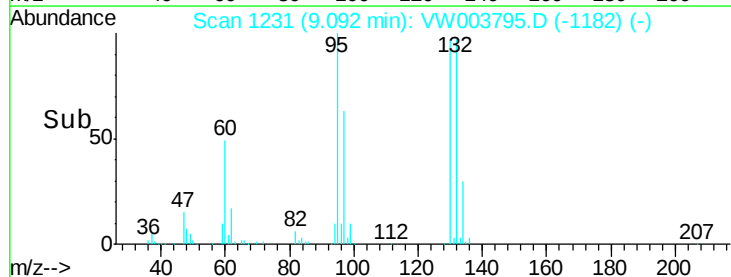
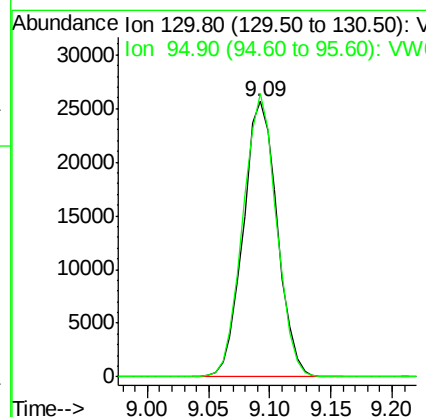
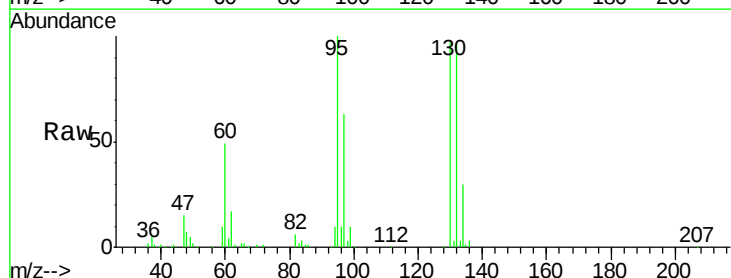
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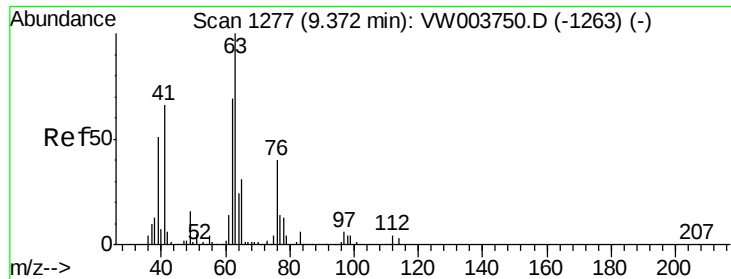
apatel
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#44
Trichloroethene
Concen: 20.656 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	203.8





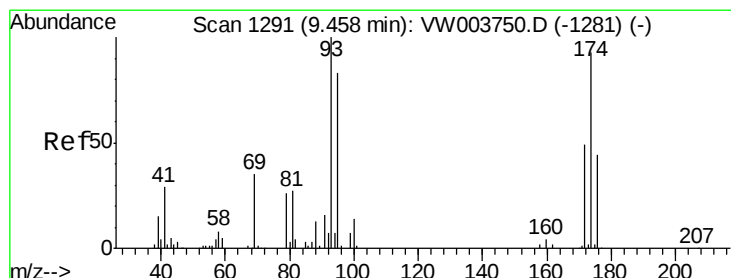
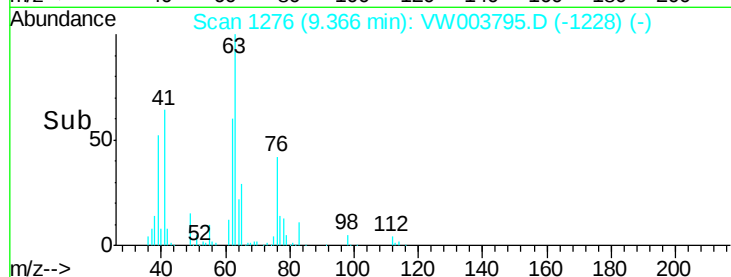
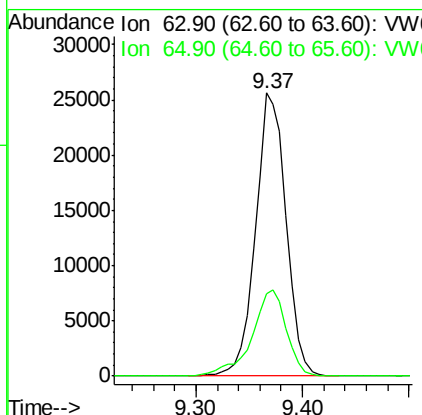
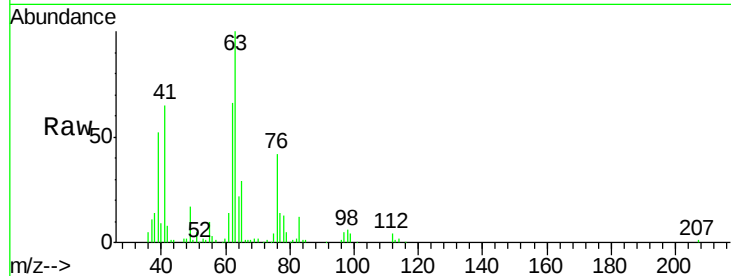
#45
 1,2-Dichloropropane
 Concen: 20.731 ug/l
 RT: 9.37 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: VW003795.D
 Acq: 10 Jul 2018 00:39

Instrument :
 MSVOA_W
 ClientSampled :
 VW0709SBS02

Tot Ion: 63 Resp: 51358
 Ion Ratio Lower Upper
 63 100
 65 29.1 24.9 37.3

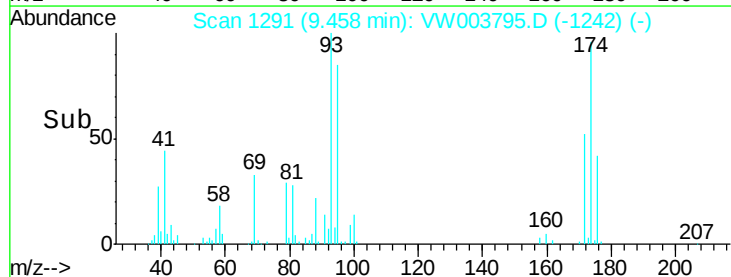
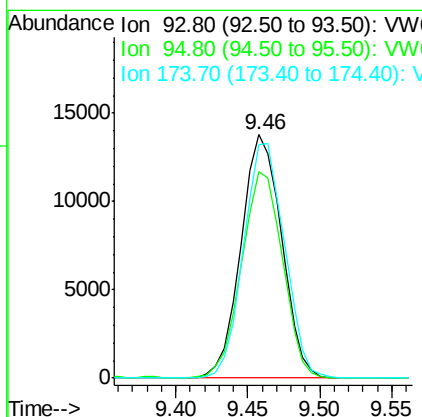
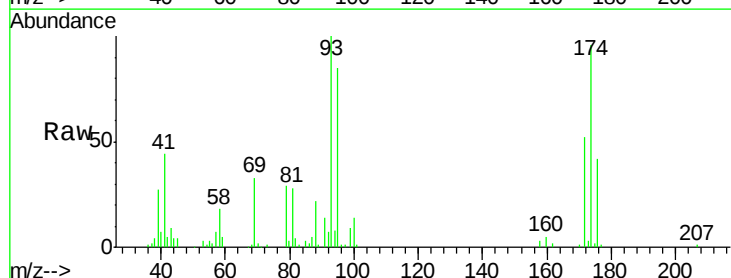
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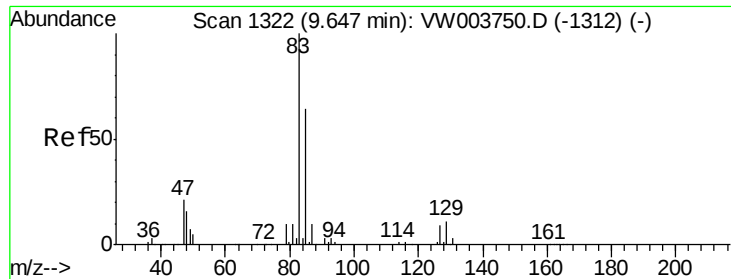
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#46
 Dibromomethane
 Concen: 20.688 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW003795.D
 Acq: 10 Jul 2018 00:39

Tgt Ion: 93 Resp: 26948
 Ion Ratio Lower Upper
 93 100
 95 85.6 67.2 100.8
 174 97.3 78.1 117.1





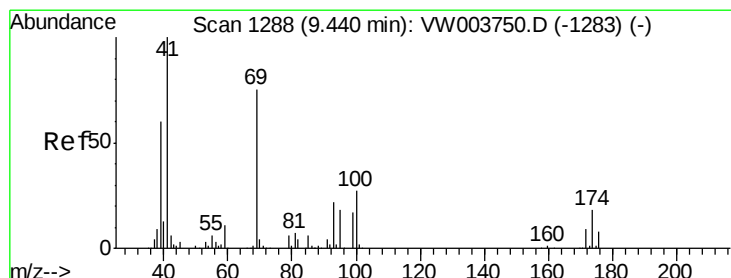
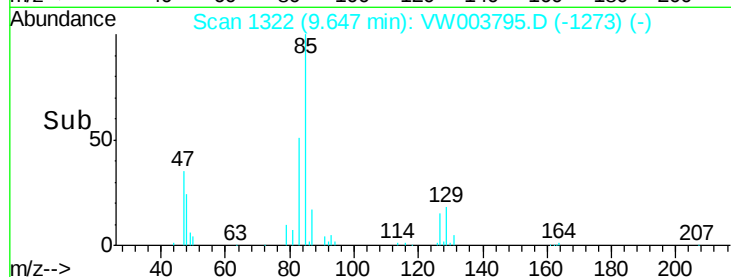
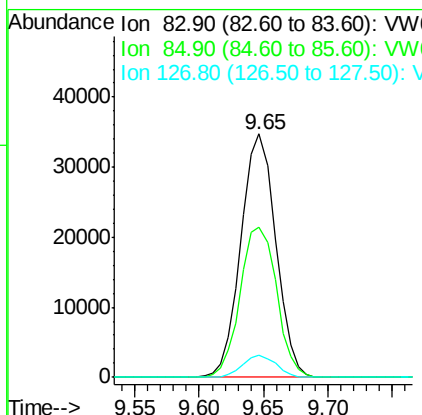
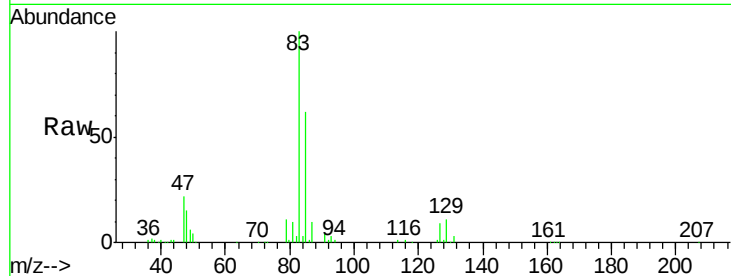
#47
 Bromodichloromethane
 Concen: 20.349 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VW003795.D
 Acq: 10 Jul 2018 00:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

Tot Ion	83	Resp	65209
Ion Ratio	100	Lower	Upper
83	100		
85	61.7	51.4	77.0
127	9.0	6.8	10.2

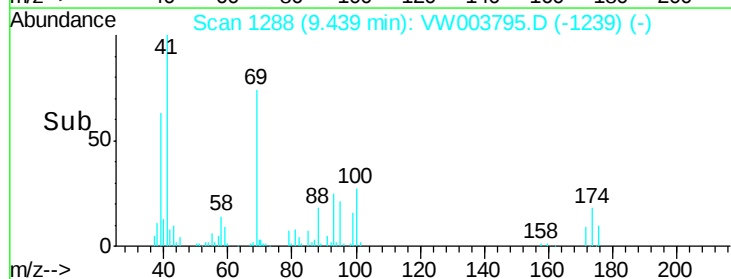
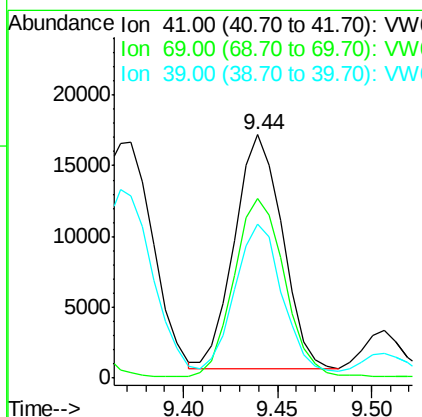
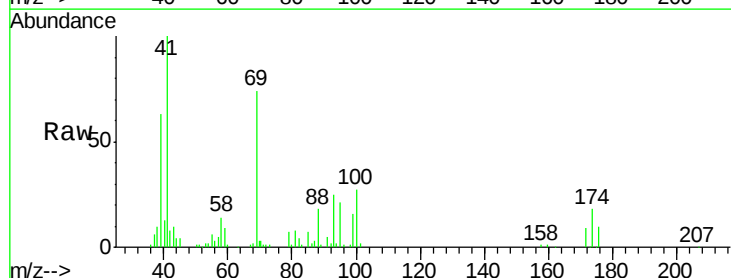
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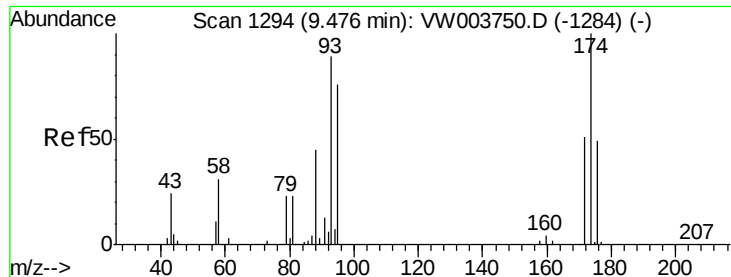
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#48
 Methyl methacrylate
 Concen: 19.984 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VW003795.D
 Acq: 10 Jul 2018 00:39

Tgt Ion	41	Resp	29249
Ion Ratio	100	Lower	Upper
41	100		
69	83.0	63.8	95.8
39	67.0	50.2	75.2





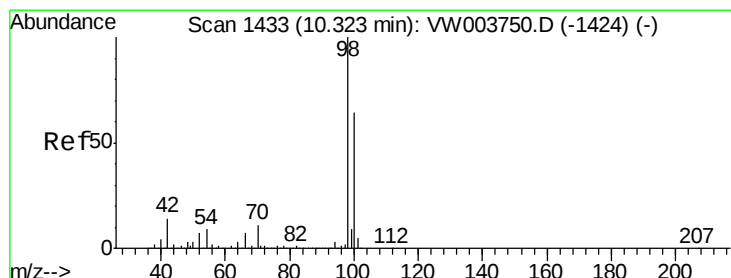
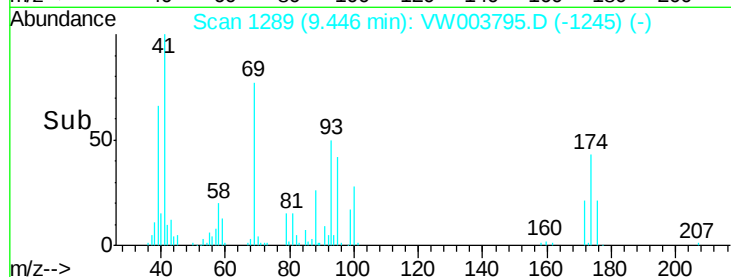
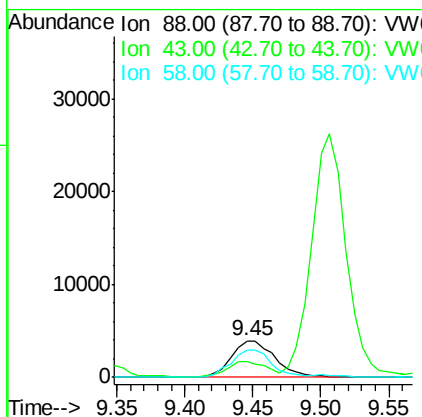
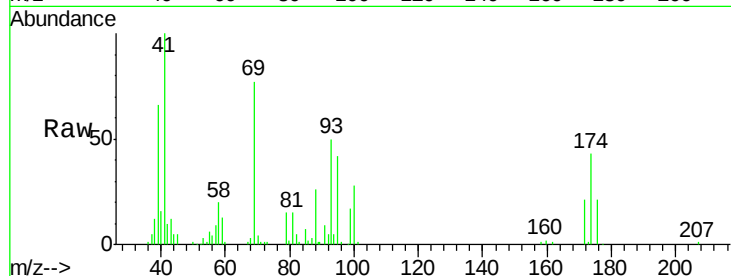
#49
1,4-Dioxane
Concen: 450.172 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. -0.03 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion: 88 Resp: 8764
Ion Ratio Lower Upper
88 100
43 37.5 0.0 0.0#
58 72.2 59.7 89.5

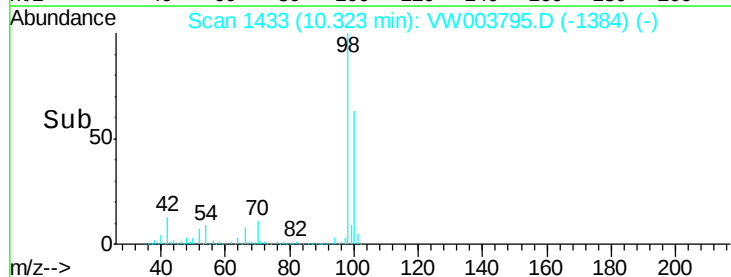
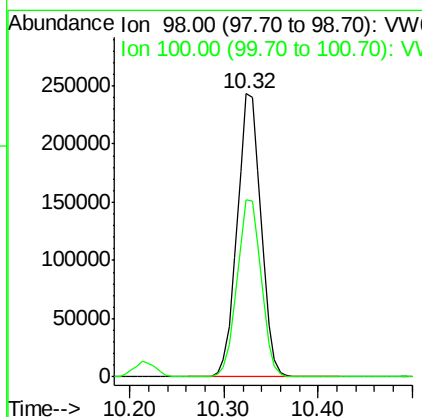
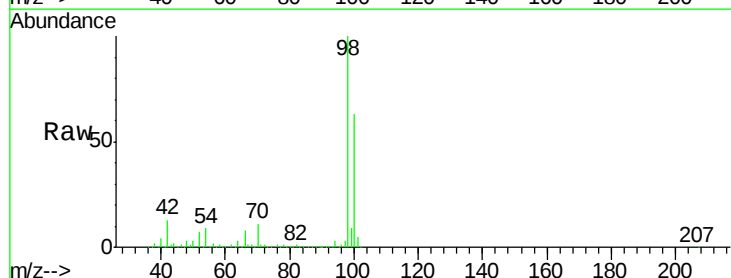
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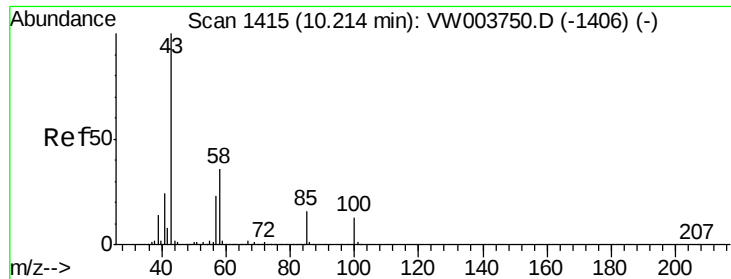
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#50
Toluene-d8
Concen: 50.794 ug/l
RT: 10.32 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Tgt Ion: 98 Resp: 427117
Ion Ratio Lower Upper
98 100
100 63.5 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 105.746 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

ClientSampled :

VW0709SBS02

Tot Ion: 43 Resp: 168174

Ion Ratio Lower Upper

43 100

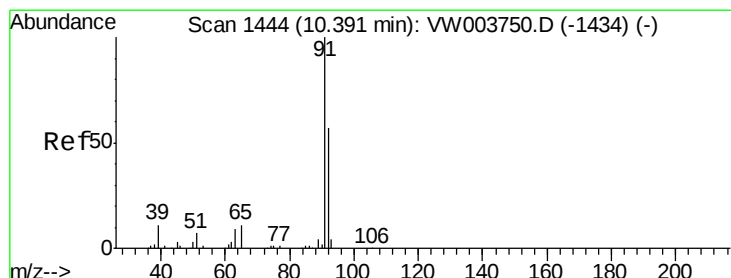
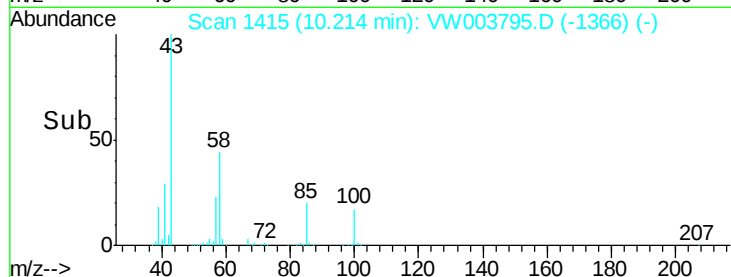
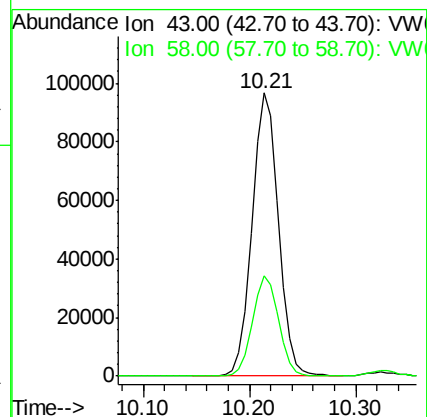
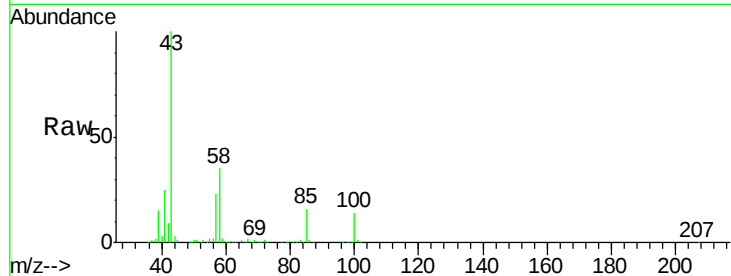
58 35.2 29.3 43.9

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#52

Toluene

Concen: 21.045 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003795.D

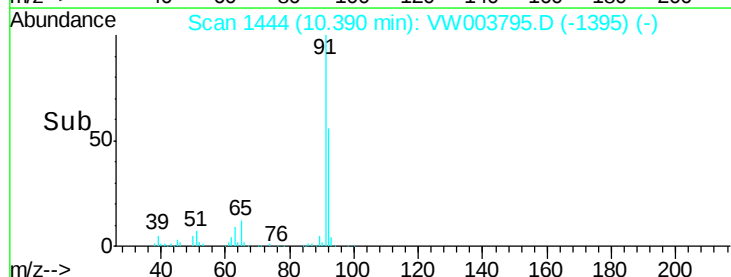
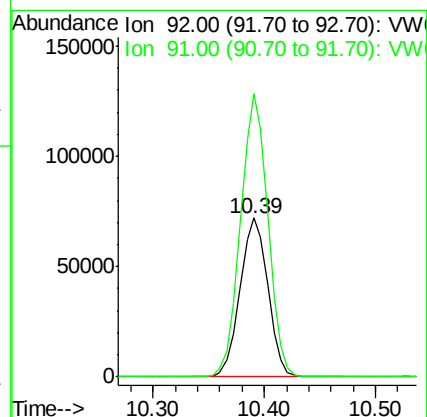
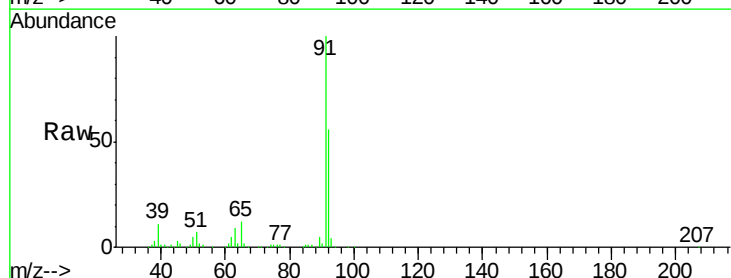
Acq: 10 Jul 2018 00:39

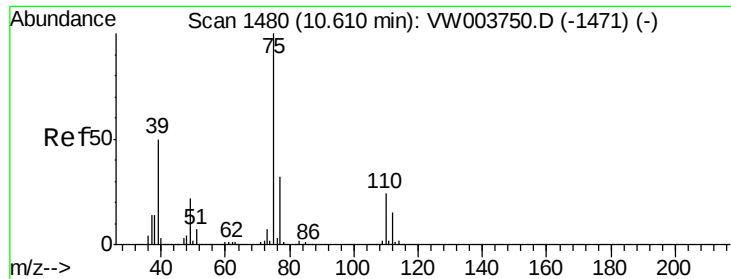
Tgt Ion: 92 Resp: 124333

Ion Ratio Lower Upper

92 100

91 175.4 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 19.414 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS02

Tot Ion: 75 Resp: 62116

Ion Ratio Lower Upper

75 100

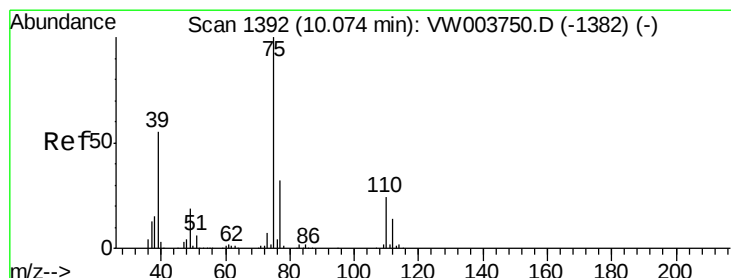
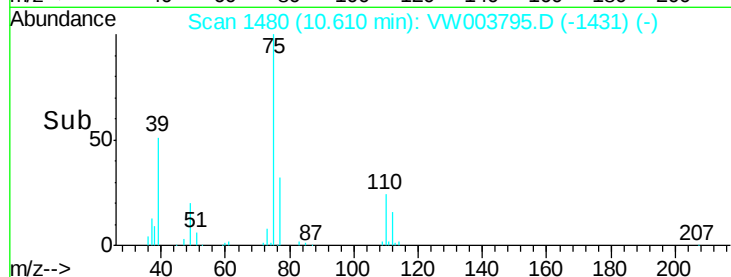
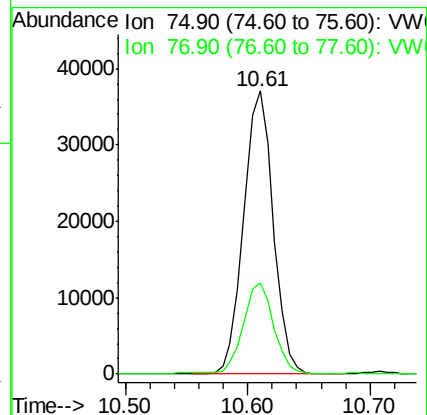
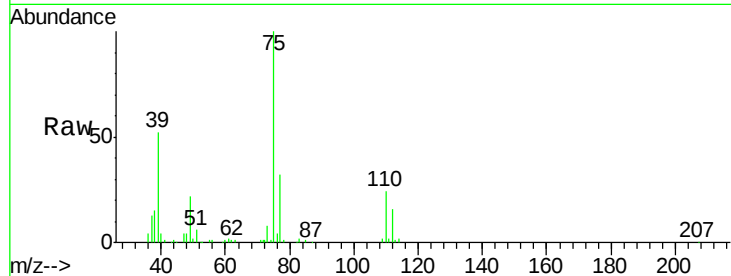
77 32.1 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 20.057 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

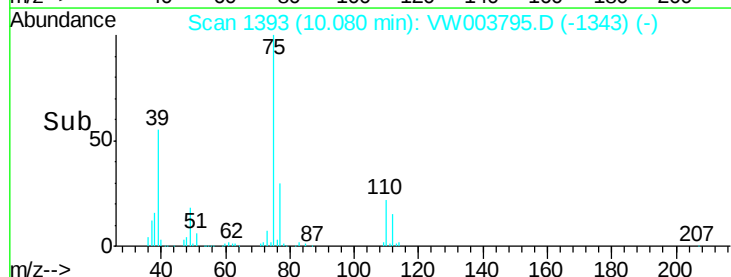
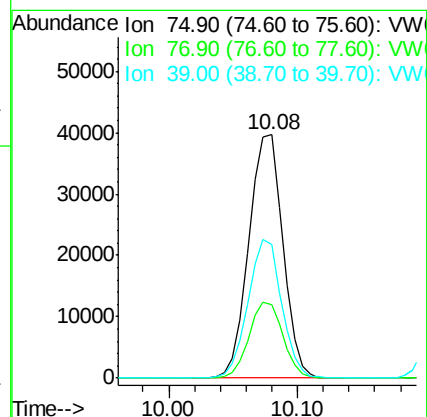
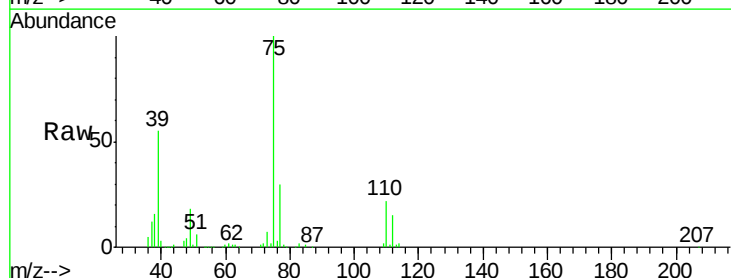
Tgt Ion: 75 Resp: 72445

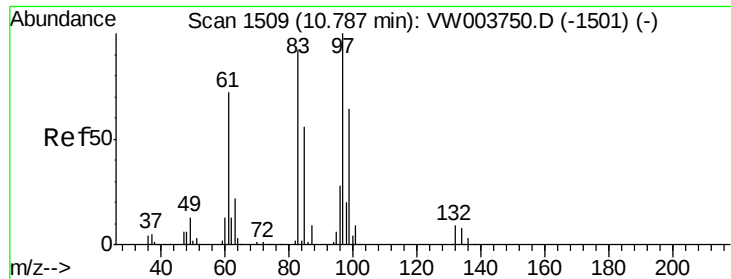
Ion Ratio Lower Upper

75 100

77 30.1 25.6 38.4

39 54.5 43.6 65.4





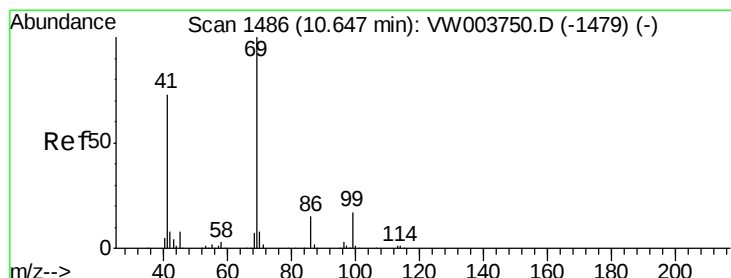
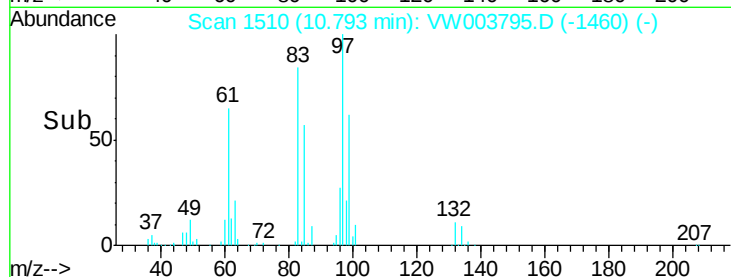
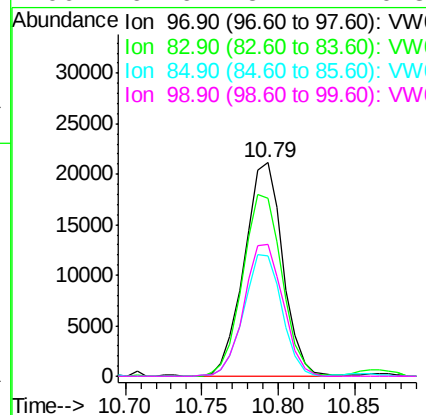
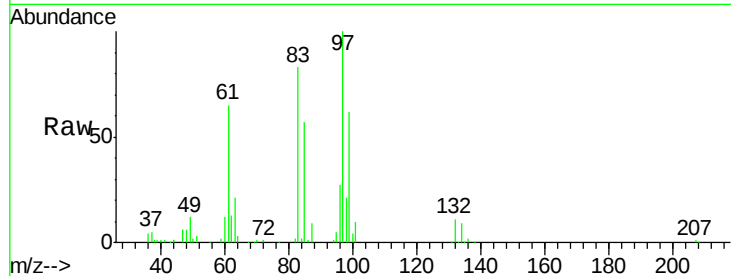
#55
 1,1,2-Trichloroethane
 Concen: 20.494 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW003795.D
 Acq: 10 Jul 2018 00:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.5	73.8	110.6
85	56.5	45.0	67.4
99	61.6	51.2	76.8

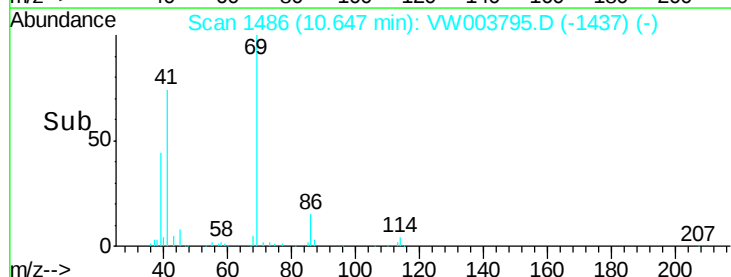
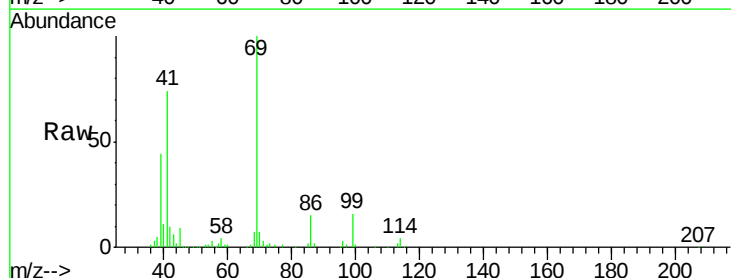
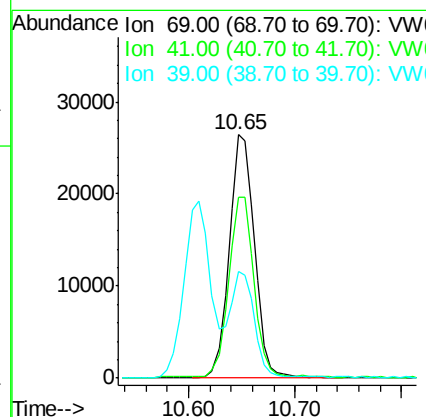
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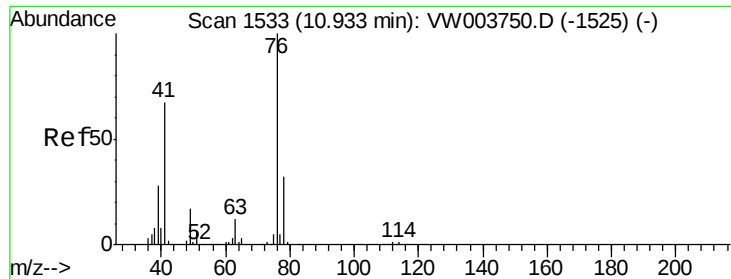
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#56
 Ethyl methacrylate
 Concen: 19.837 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VW003795.D
 Acq: 10 Jul 2018 00:39

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.8	59.0	88.4
39	42.3	32.8	49.2





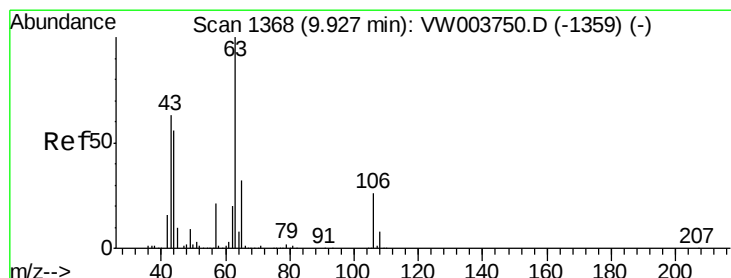
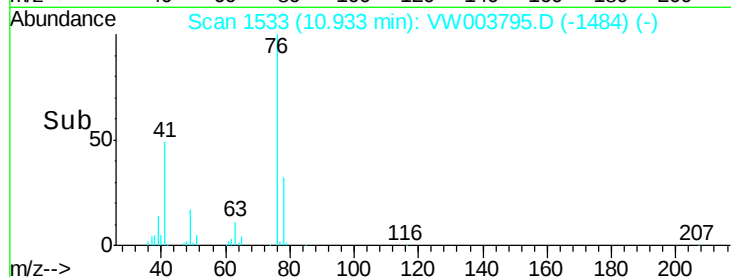
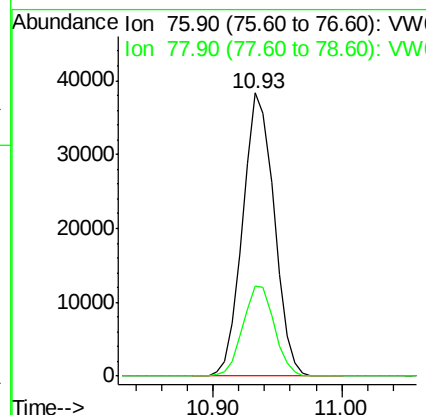
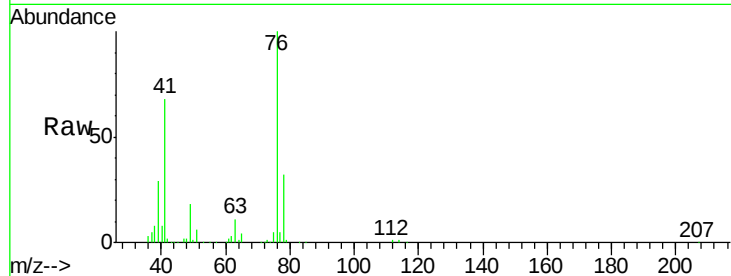
#57
 1,3-Dichloropropane
 Concen: 20.495 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW003795.D
 Acq: 10 Jul 2018 00:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

Tot Ion: 76 Resp: 64626
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4

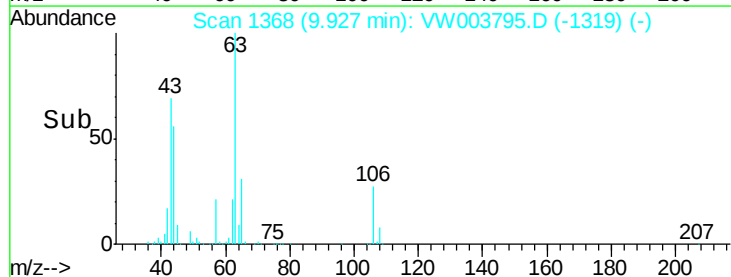
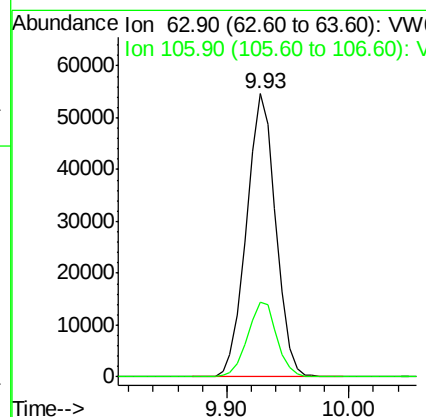
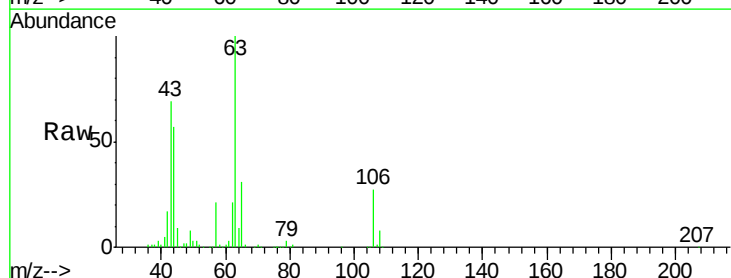
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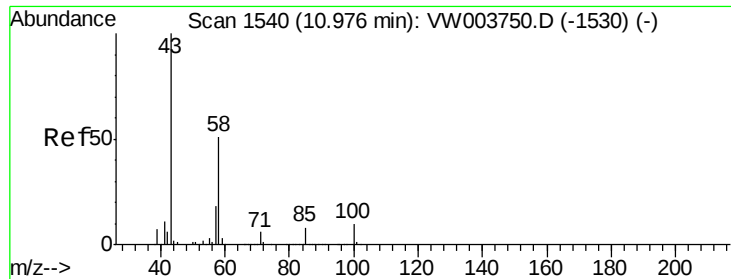
apatel
 7/10/2018 10:47:32 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 86.874 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003795.D
 Acq: 10 Jul 2018 00:39

Tgt Ion: 63 Resp: 90440
 Ion Ratio Lower Upper
 63 100
 106 26.3 20.9 31.3





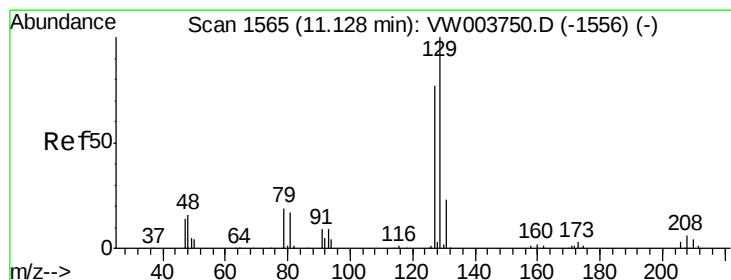
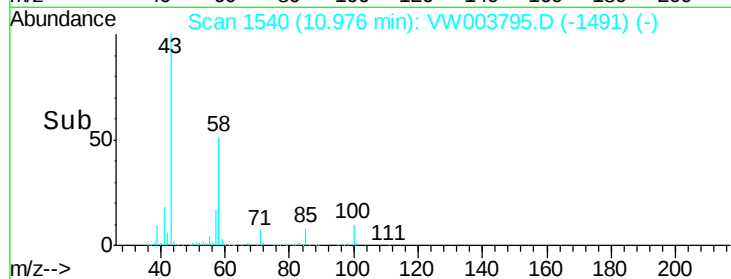
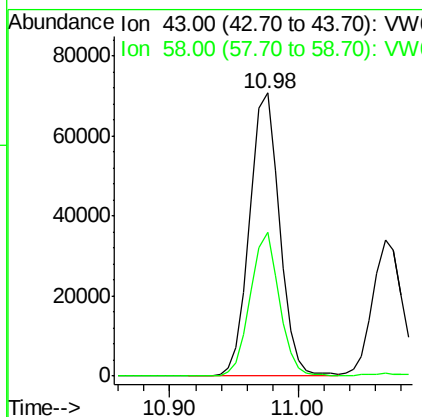
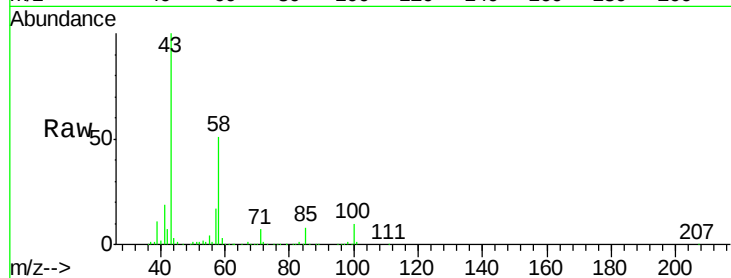
#59
2-Hexanone
Concen: 103.981 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion: 43 Resp: 113556
Ion Ratio Lower Upper
43 100
58 49.3 25.4 76.2

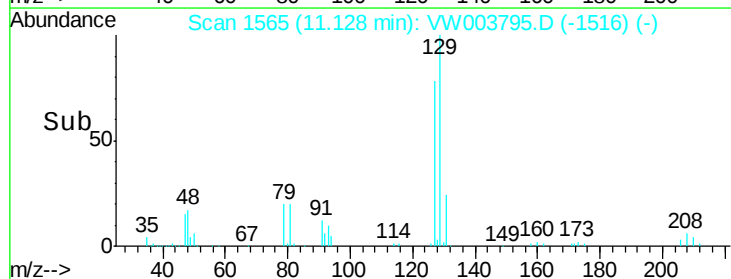
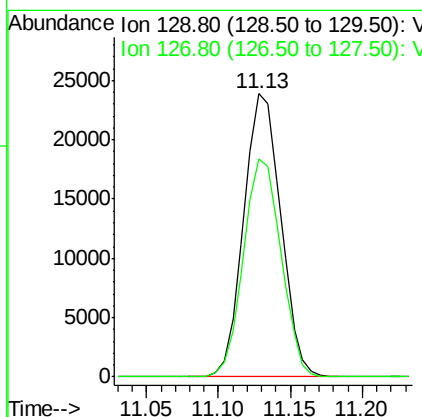
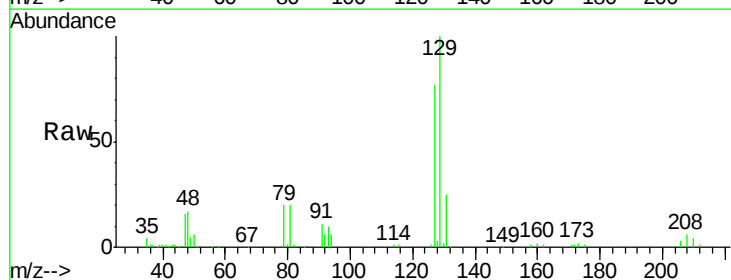
Manual Integrations
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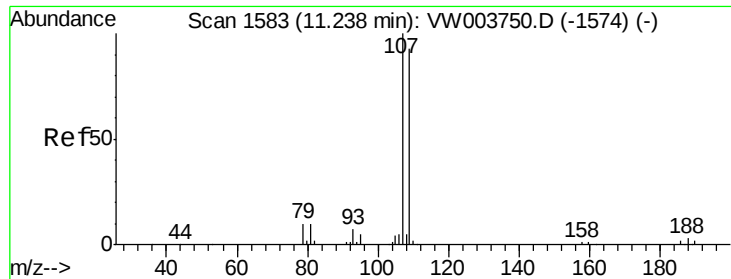
apatel
7/10/2018 10:47:32 AM



#60
Dibromochloromethane
Concen: 20.153 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Tgt Ion: 129 Resp: 42560
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.233 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS02

Tot Ion:107 Resp: 35006

Ion Ratio Lower Upper

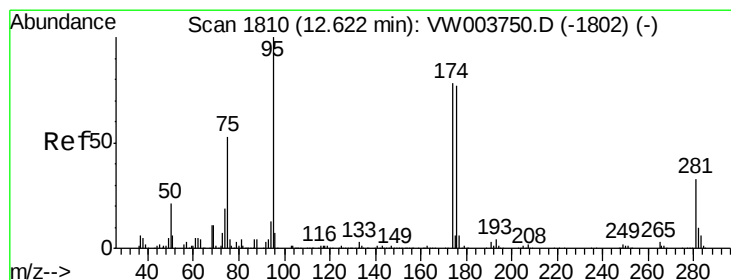
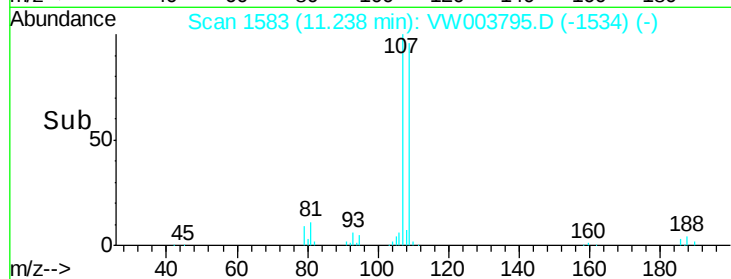
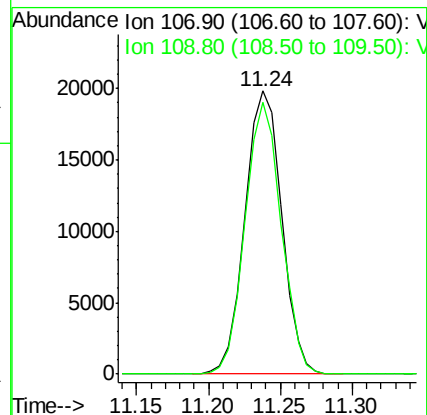
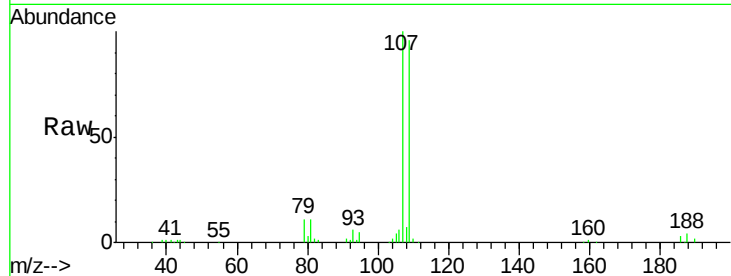
107 100

109 94.6 75.1 112.7

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 50.633 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

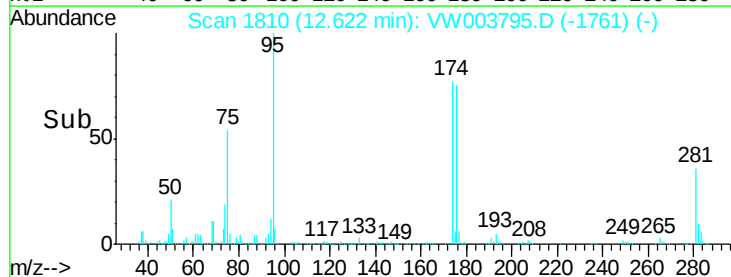
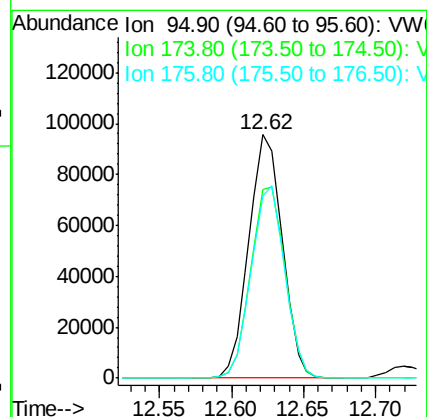
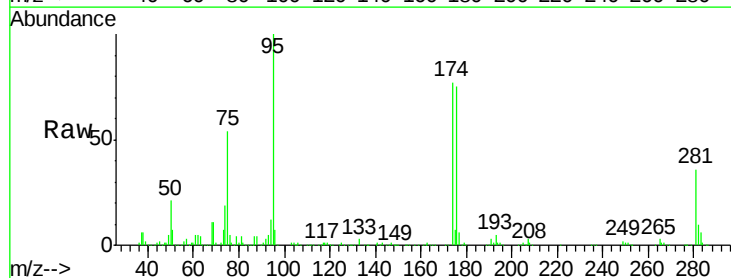
Tgt Ion: 95 Resp: 154049

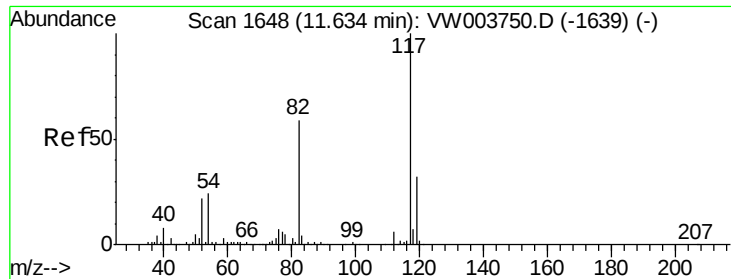
Ion Ratio Lower Upper

95 100

174 80.6 0.0 163.4

176 79.0 0.0 156.8





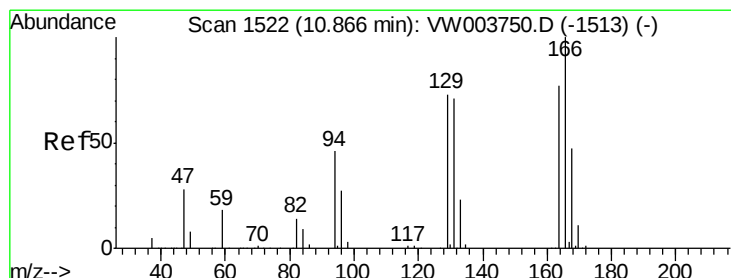
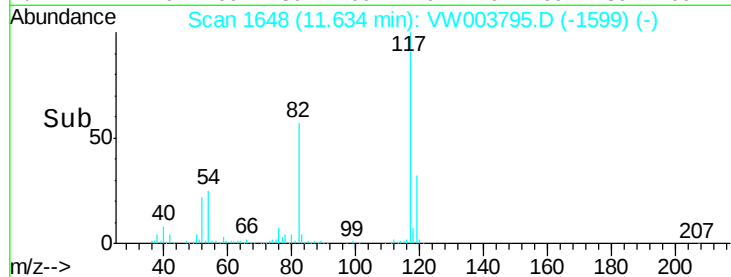
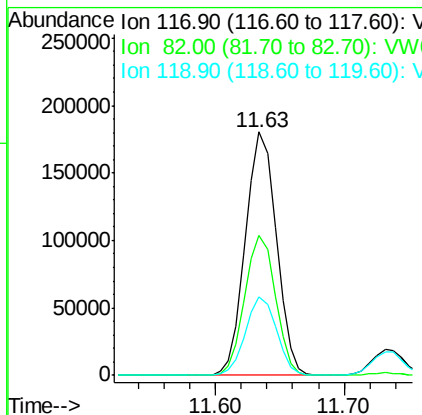
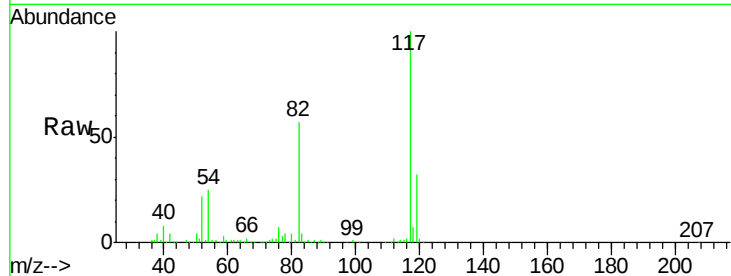
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	300237		
82	57.4	46.9	70.3	
119	32.0	25.5	38.3	

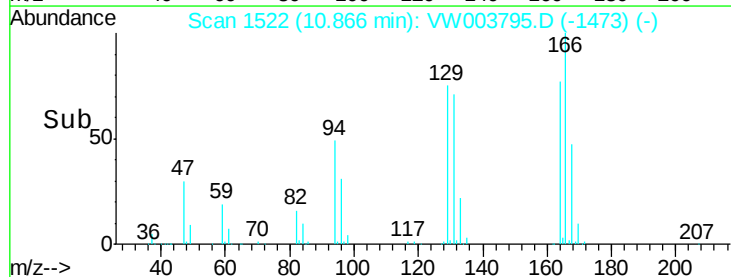
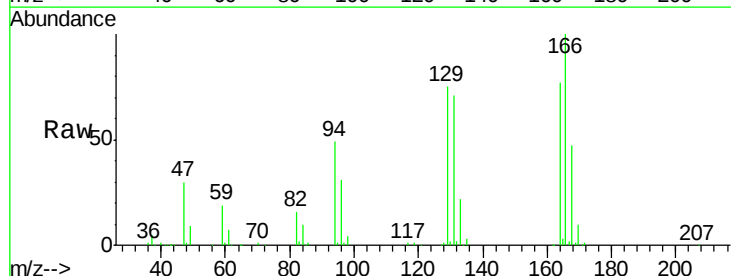
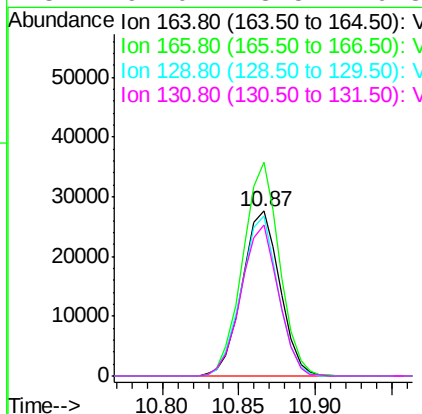
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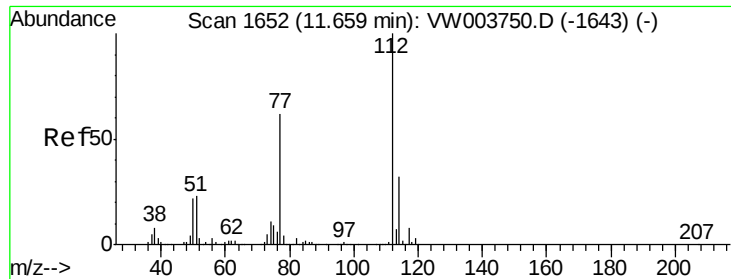
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#64
Tetrachloroethene
Concen: 21.405 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	47537		
166	129.6	104.2	156.4	
129	96.9	75.8	113.8	
131	92.0	73.5	110.3	





#65

Chlorobenzene

Concen: 20.460 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS02

Tot Ion:112 Resp: 135420

Ion Ratio Lower Upper

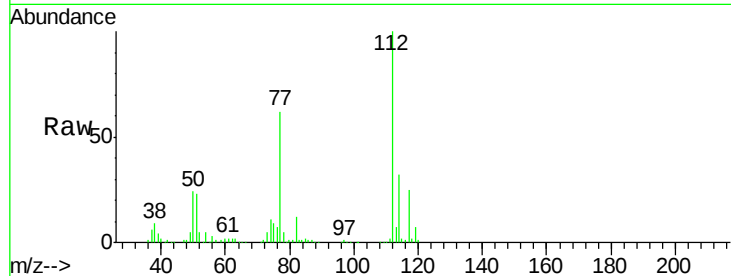
112 100

114 32.5 26.0 39.0

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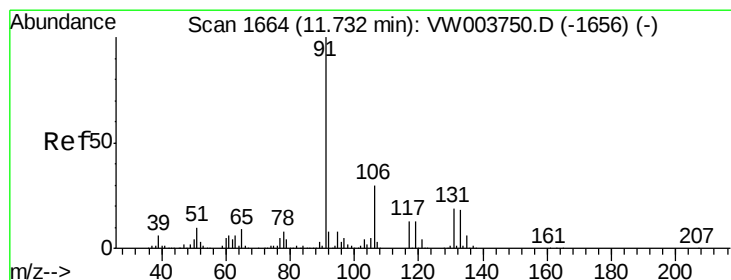
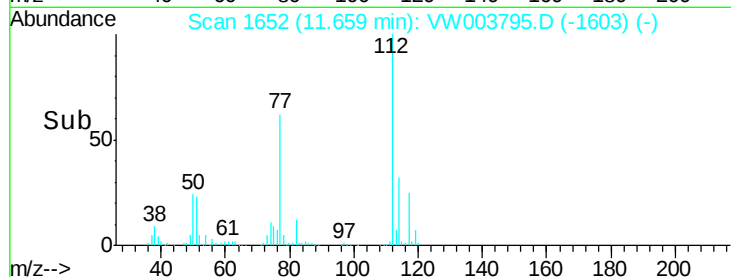
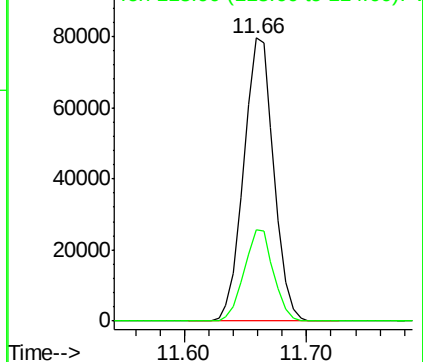
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.335 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

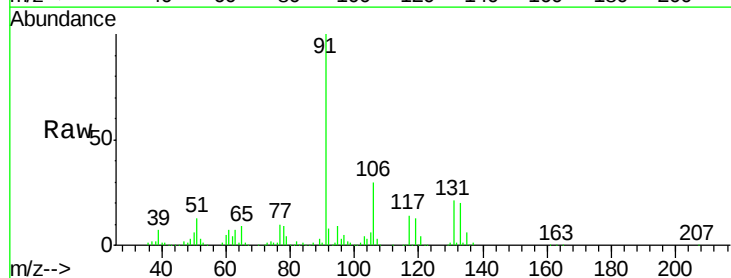
Tgt Ion:131 Resp: 47031

Ion Ratio Lower Upper

131 100

133 95.2 48.0 144.2

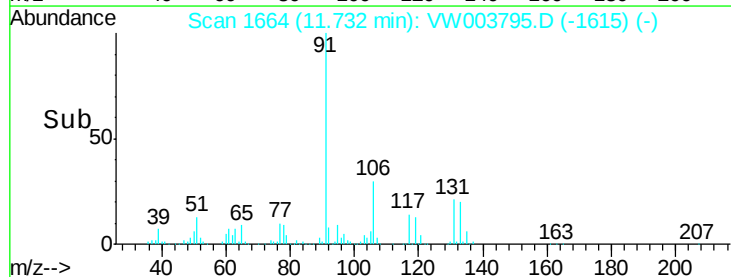
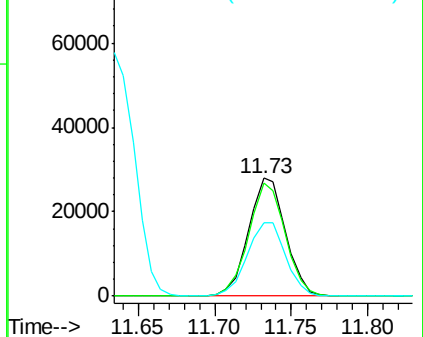
119 64.9 33.2 99.6

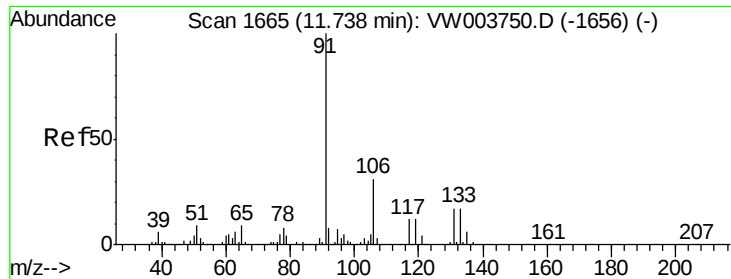


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





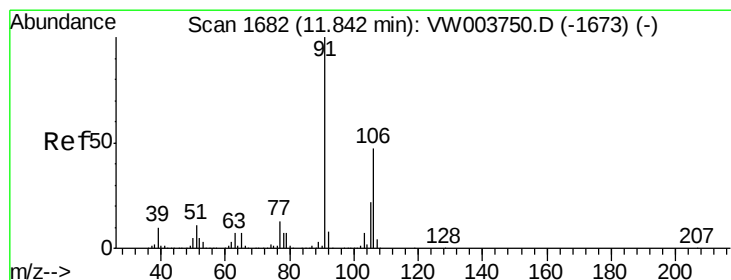
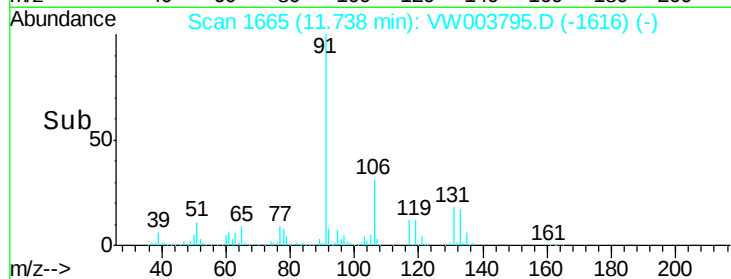
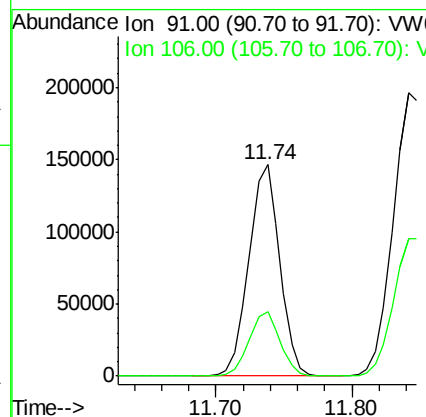
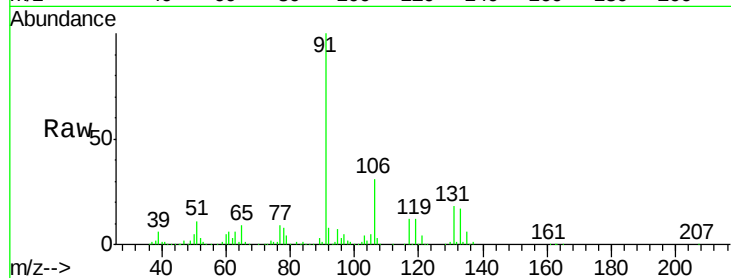
#67
Ethyl Benzene
Concen: 20.619 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion: 91 Resp: 233357
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0

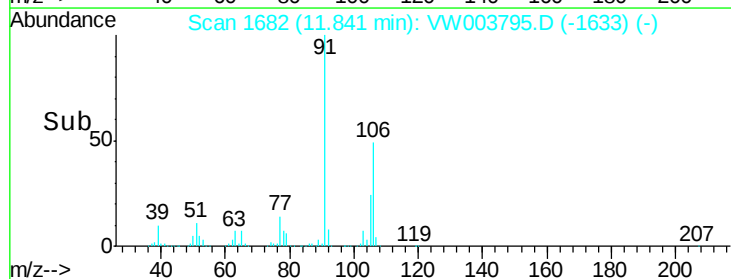
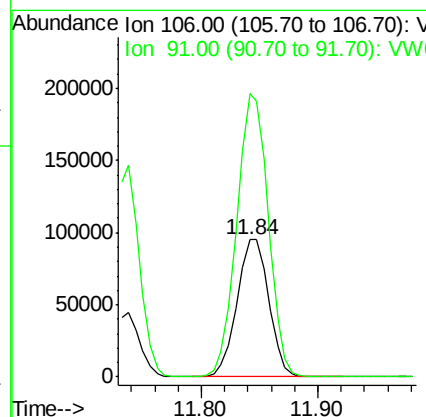
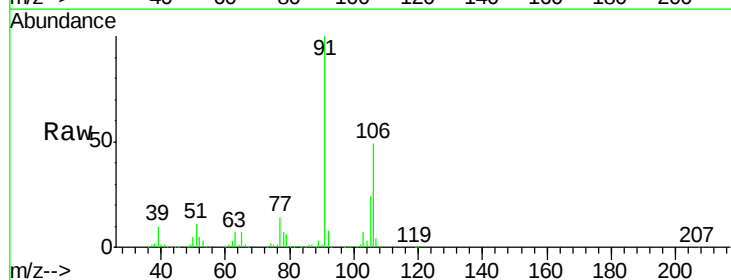
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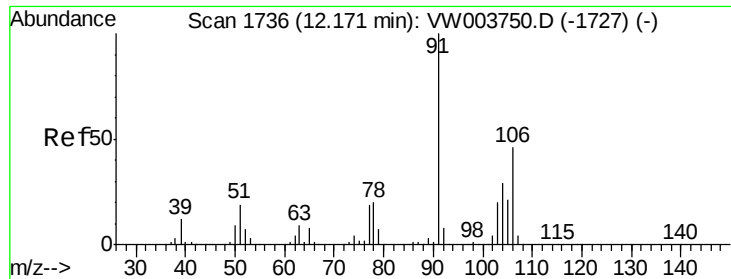
apatel
7/10/2018 10:47:32 AM



#68
m/p-Xylenes
Concen: 41.866 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Tgt Ion: 106 Resp: 181439
Ion Ratio Lower Upper
106 100
91 203.9 164.3 246.5





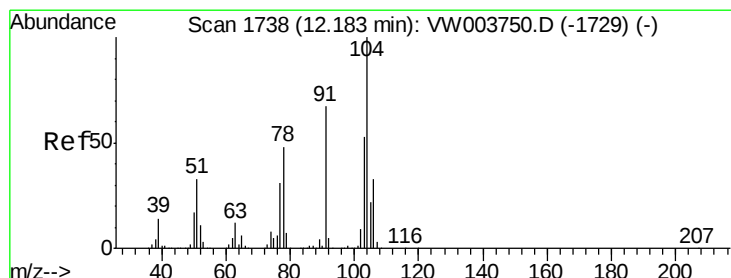
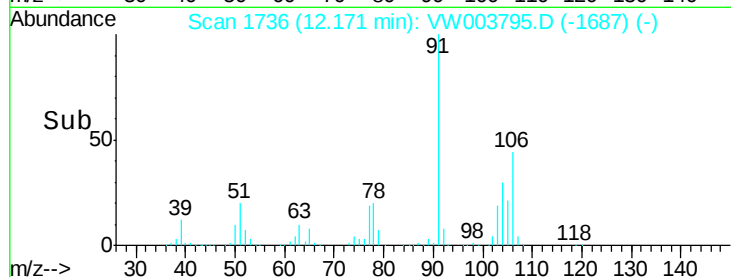
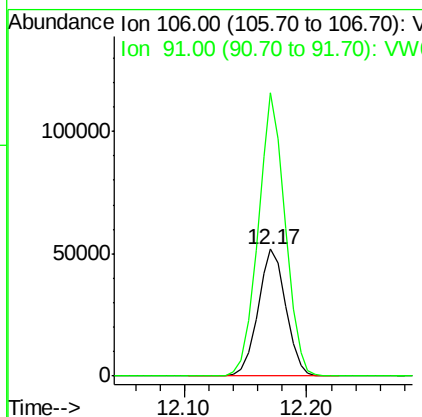
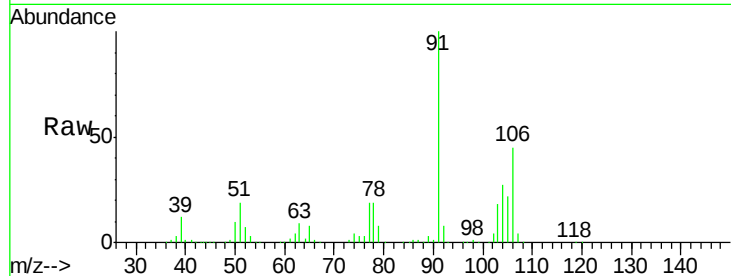
#69
o-Xylene
Concen: 20.525 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion:106 Resp: 82077
Ion Ratio Lower Upper
106 100
91 216.8 109.1 327.2

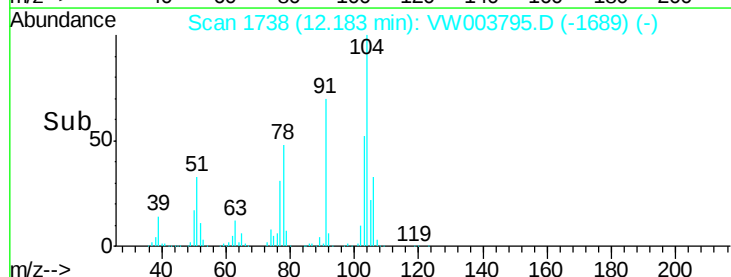
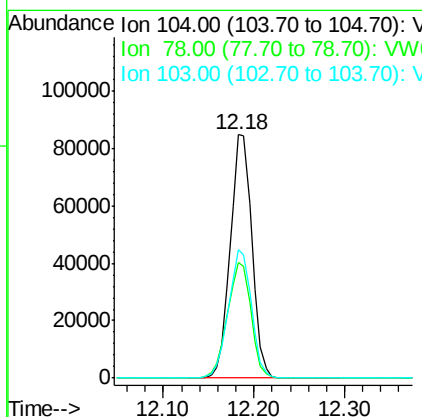
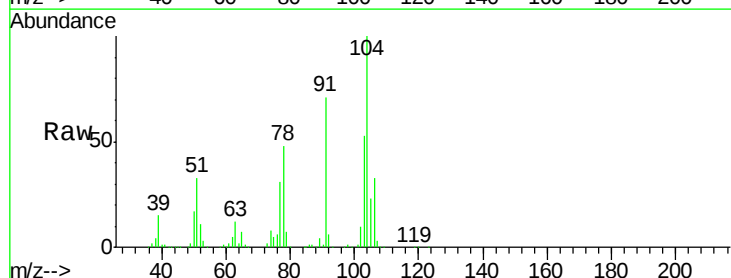
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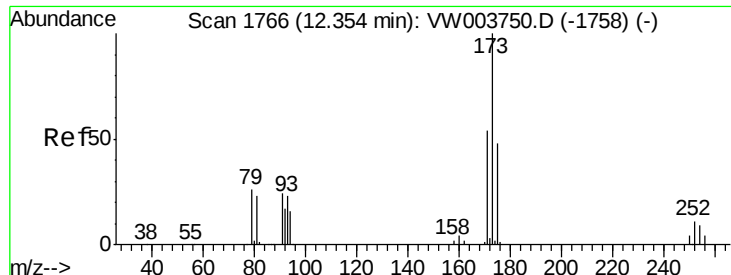
apatel
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#70
Styrene
Concen: 20.811 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Tgt Ion:104 Resp: 141518
Ion Ratio Lower Upper
104 100
78 51.5 41.1 61.7
103 55.5 44.6 67.0





#71

Bromoform

Concen: 20.098 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

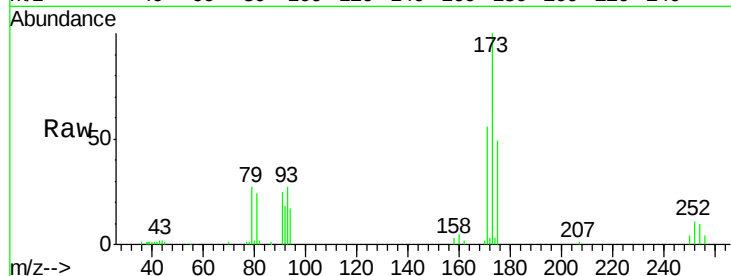
ClientSampleId :

VW0709SBS02

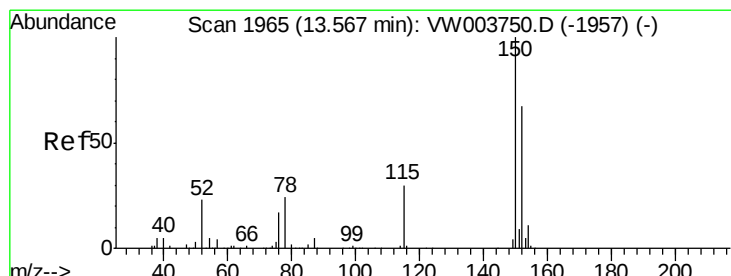
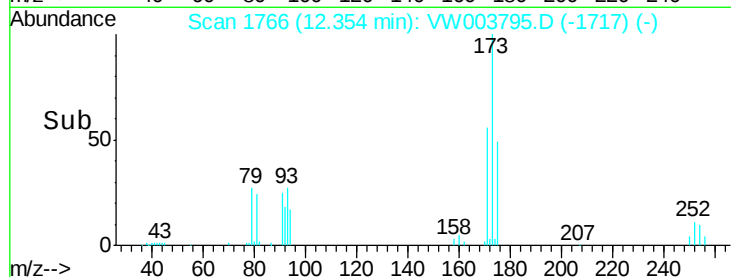
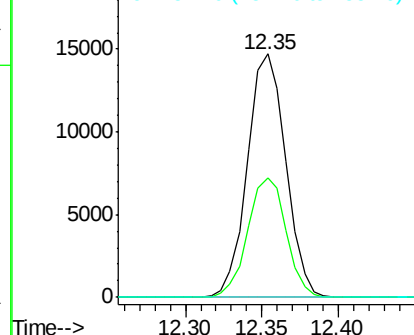
Tot Ion:	173	Resp:	25654
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.1	72.4
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

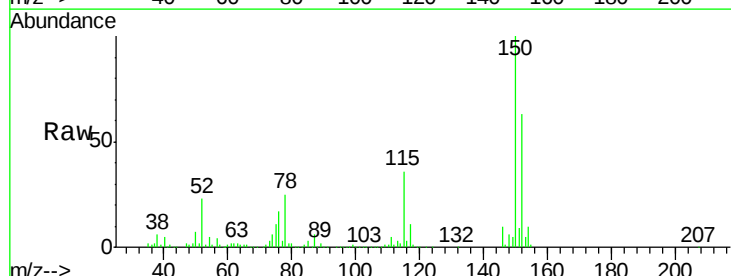
RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

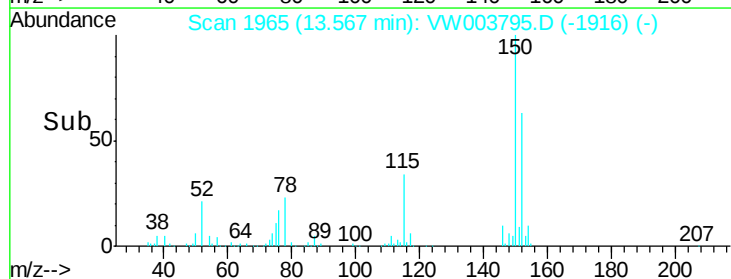
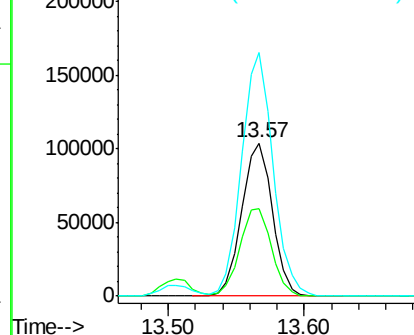
Lab File: VW003795.D

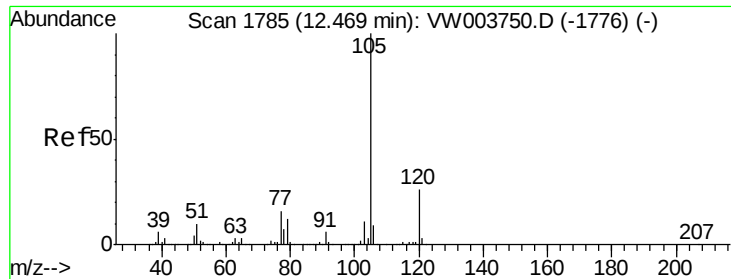
Acq: 10 Jul 2018 00:39

Tgt Ion:	152	Resp:	163849
Ion Ratio	Lower	Upper	
152	100		
115	58.7	28.9	86.8
150	162.9	0.0	342.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





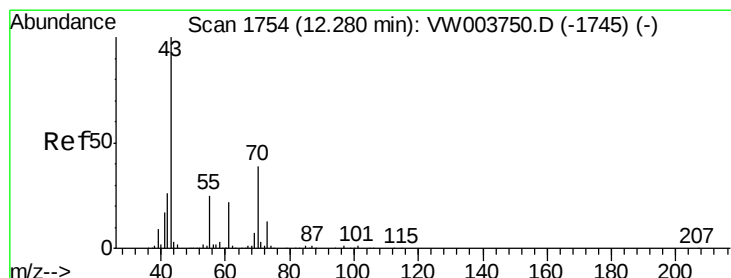
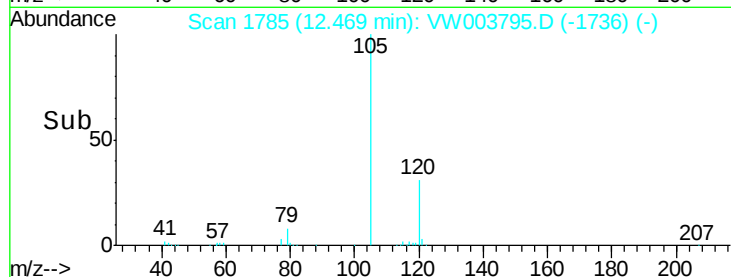
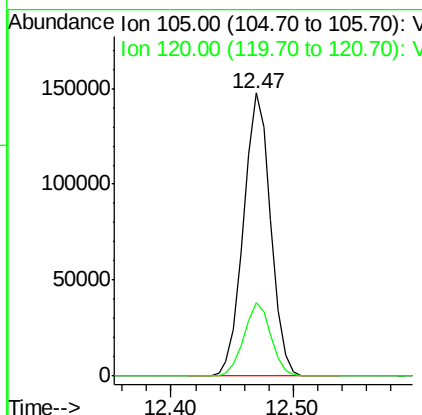
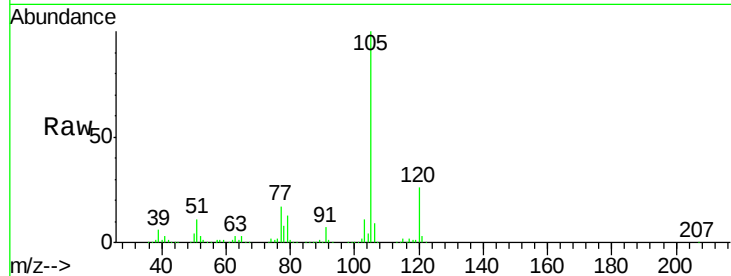
#73
Isopropylbenzene
Concen: 20.436 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.1	39.3

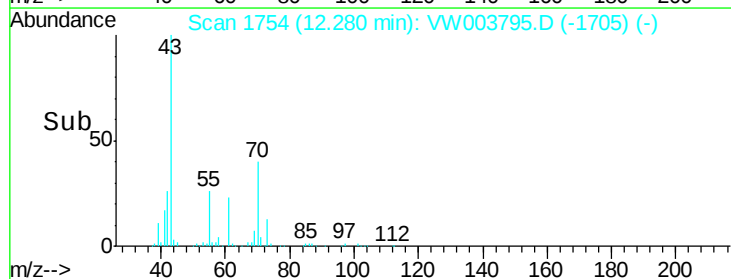
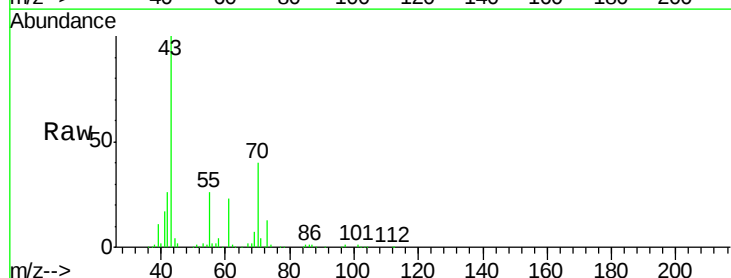
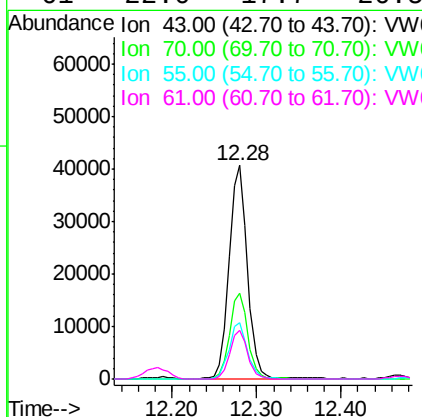
Manual Integrations
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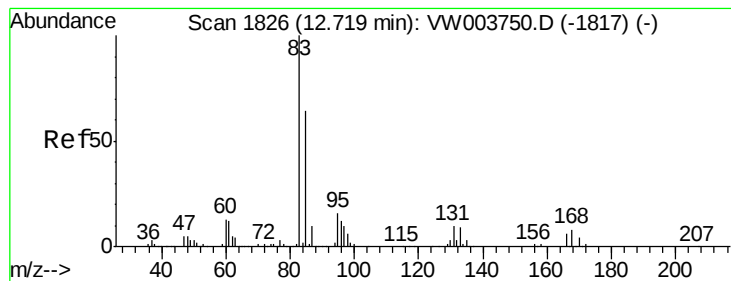
apatel
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#74
N-ethyl acetate
Concen: 20.269 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.9	31.3	46.9
55	26.4	20.1	30.1
61	22.0	17.7	26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.274 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

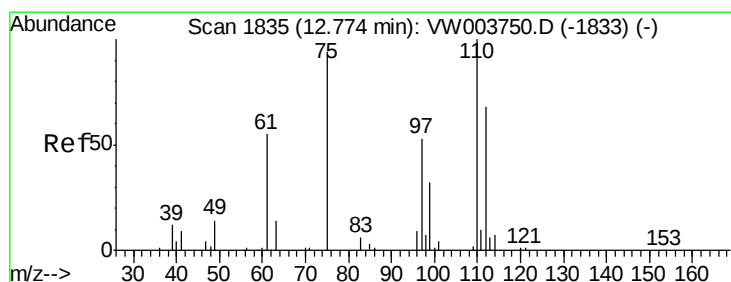
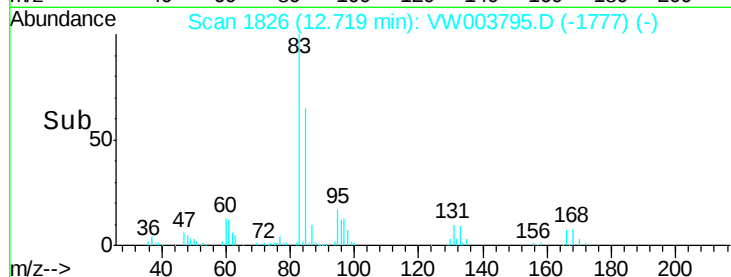
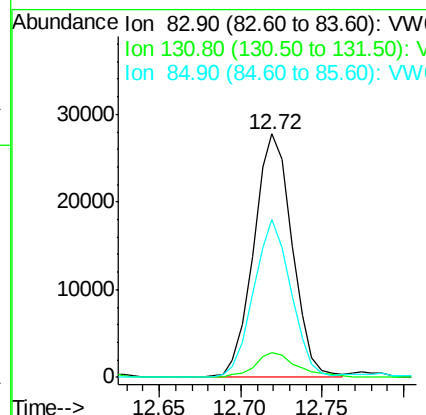
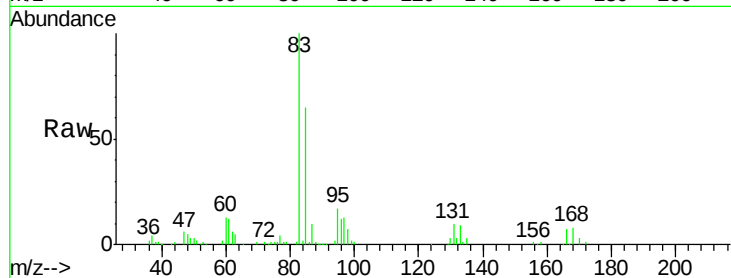
ClientSampleId :

VW0709SBS02

Tot Ion:	83	Resp:	45605
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.1	15.4
85	63.0	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.511 ug/l m

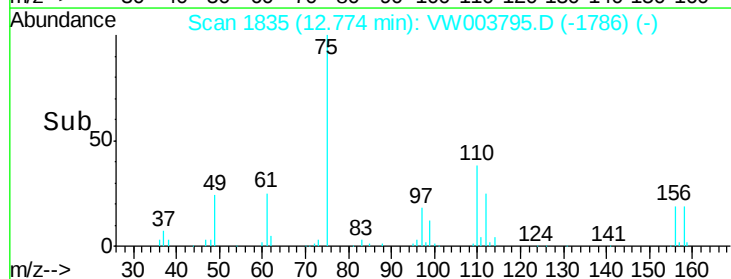
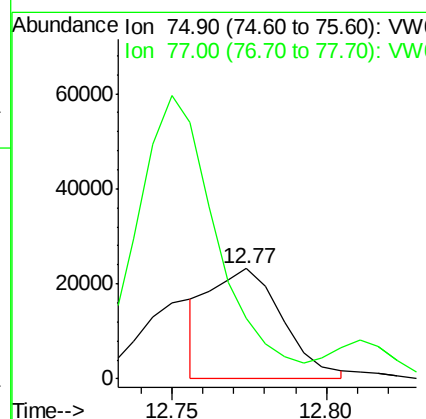
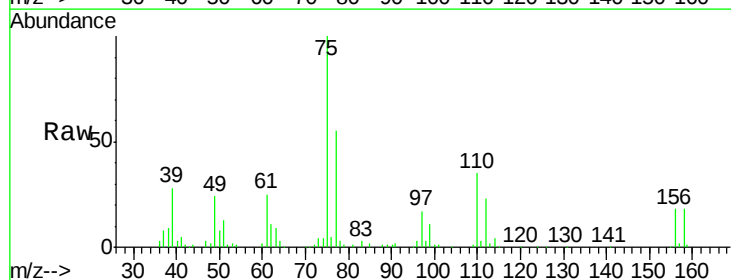
RT: 12.77 min Scan# 1835

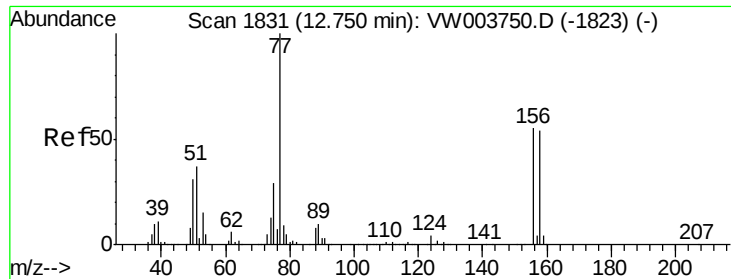
Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Tgt Ion:	75	Resp:	37829
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.179 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS02

Tot Ion:156 Resp: 55589

Ion Ratio Lower Upper

156 100

77 193.8 98.7 296.0

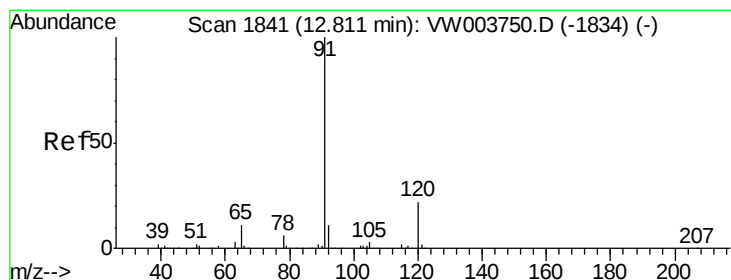
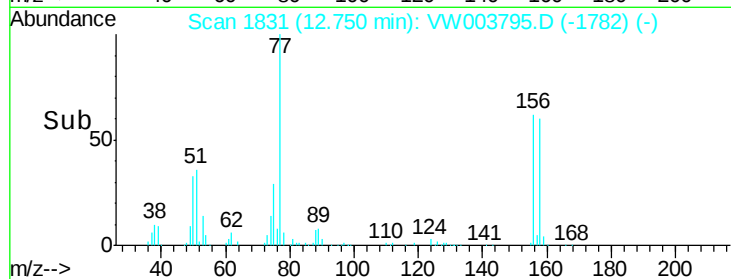
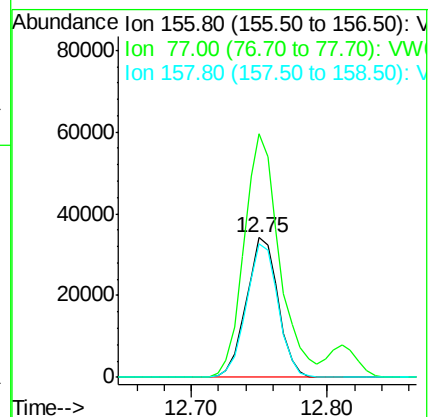
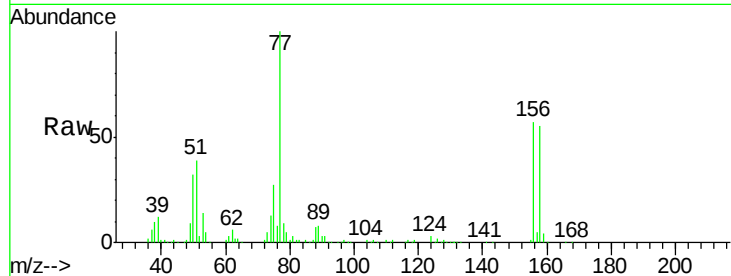
158 96.3 49.0 147.0

Manual Integrations

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#78

n-propylbenzene

Concen: 20.767 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003795.D

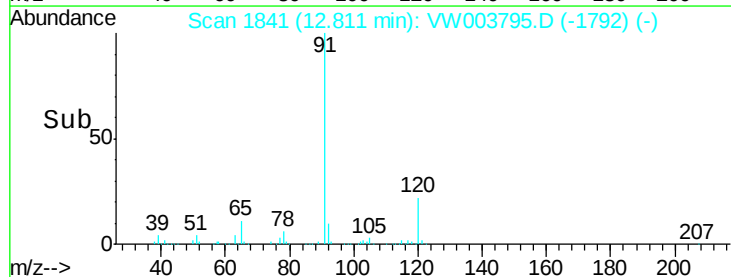
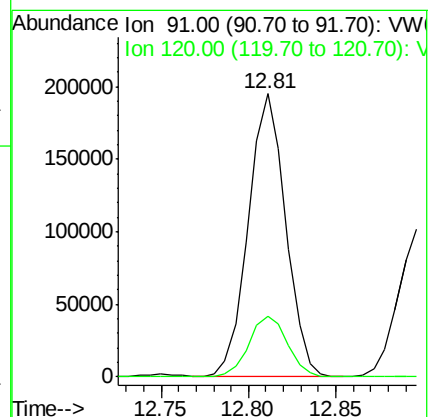
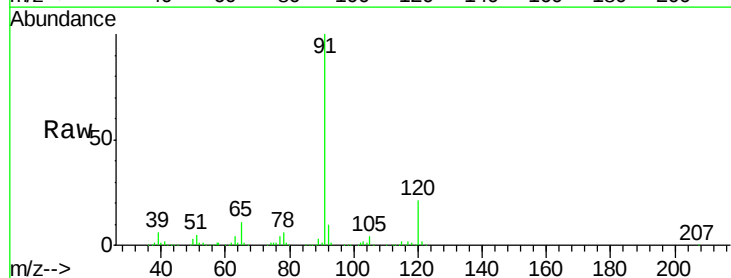
Acq: 10 Jul 2018 00:39

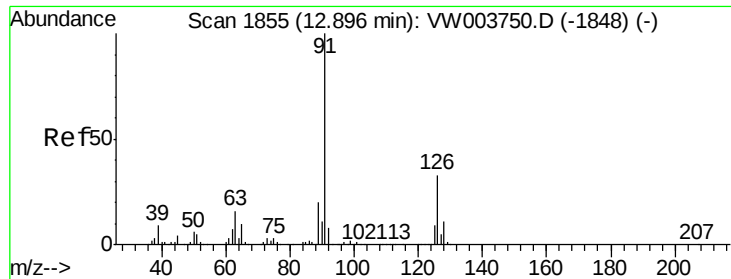
Tgt Ion: 91 Resp: 289272

Ion Ratio Lower Upper

91 100

120 22.2 11.2 33.6





#79

2-Chlorotoluene

Concen: 20.422 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS02

Tot Ion: 91 Resp: 163429

Ion Ratio Lower Upper

91 100

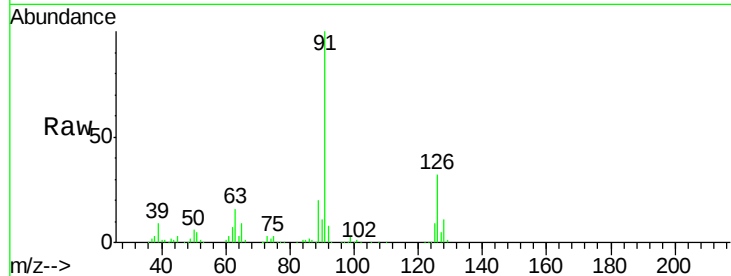
126 33.3 17.0 51.0

Manual Integrations

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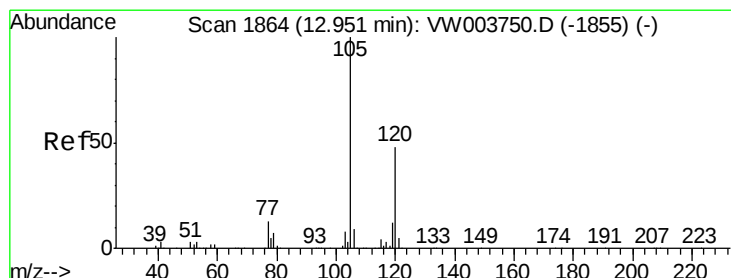
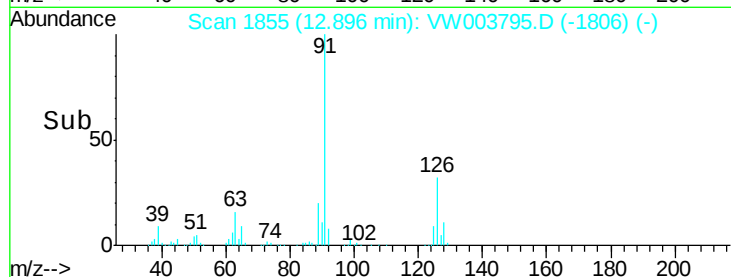
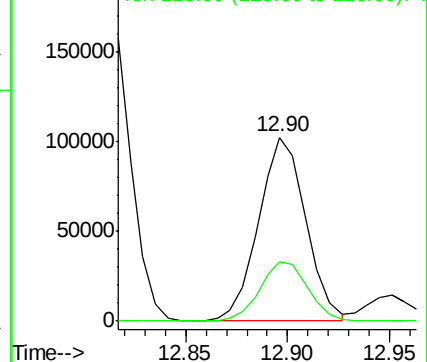
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.859 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003795.D

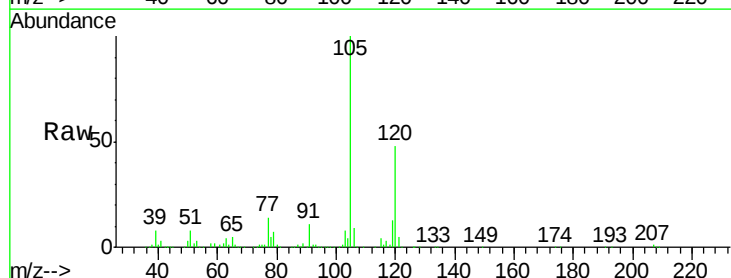
Acq: 10 Jul 2018 00:39

Tgt Ion:105 Resp: 199493

Ion Ratio Lower Upper

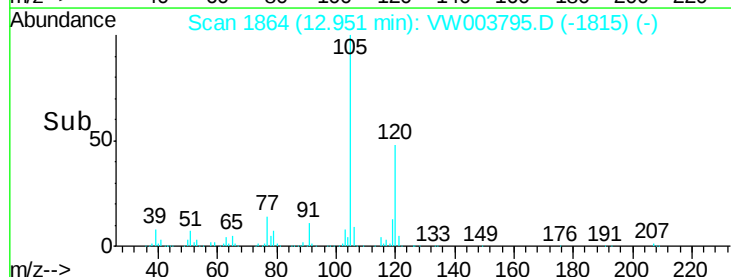
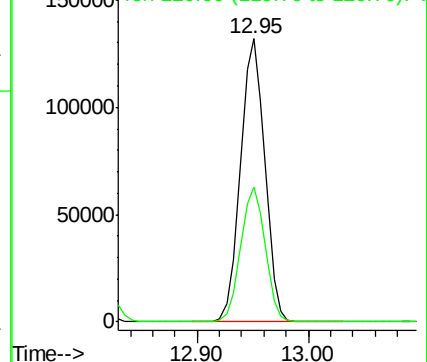
105 100

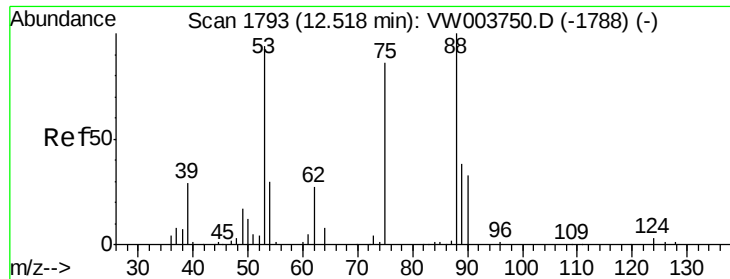
120 48.0 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





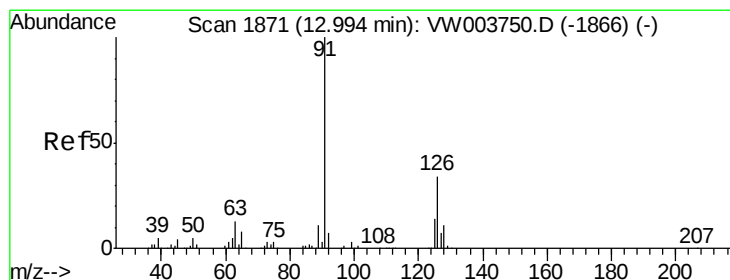
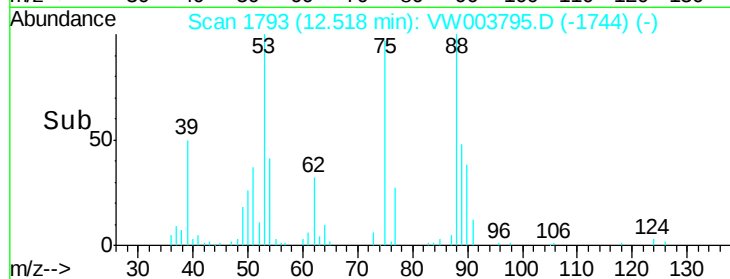
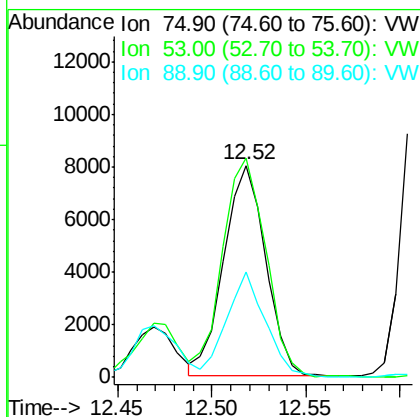
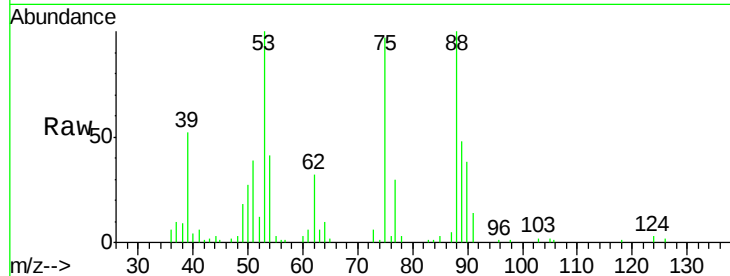
#81
trans-1,4-Dichloro-2-butene
Concen: 18.716 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.5	85.0	127.6
89	46.4	36.3	54.5

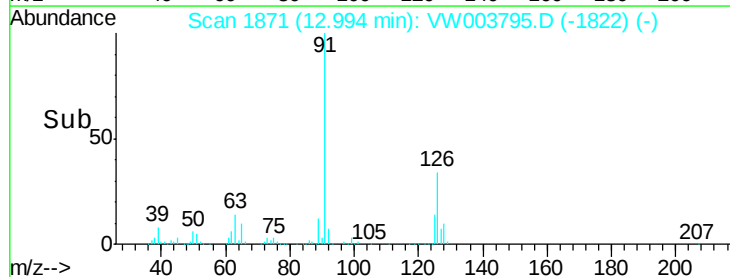
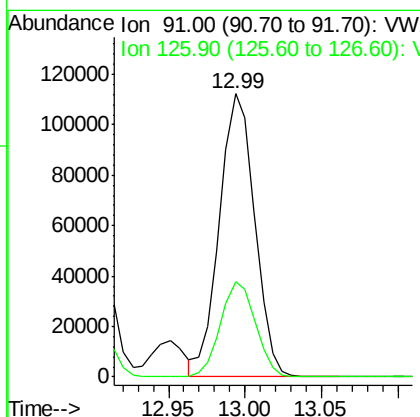
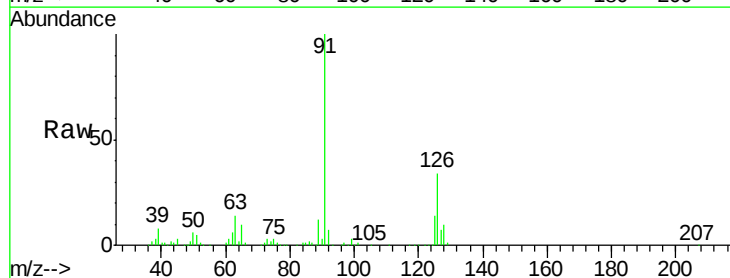
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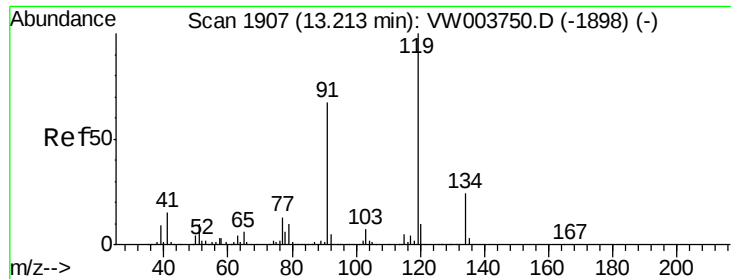
apatel
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#82
4-Chlorotoluene
Concen: 20.852 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.5	49.5





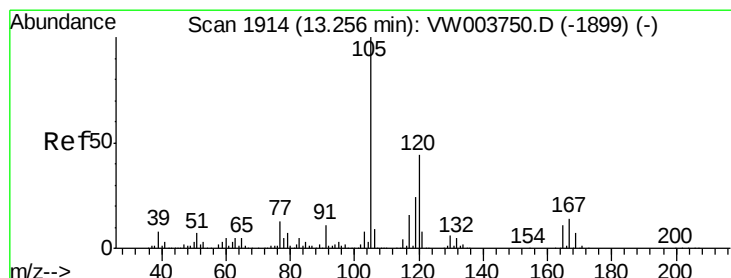
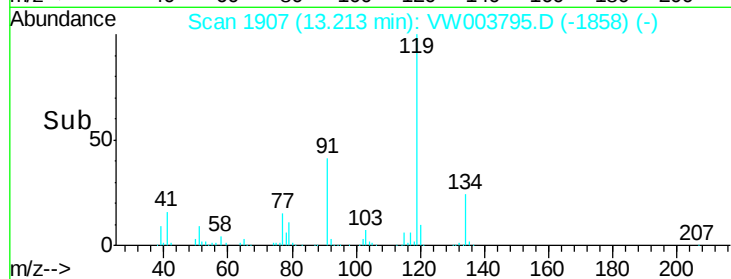
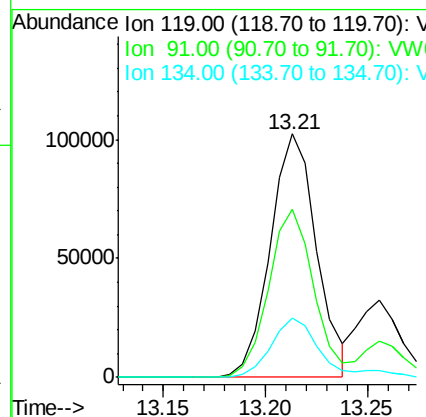
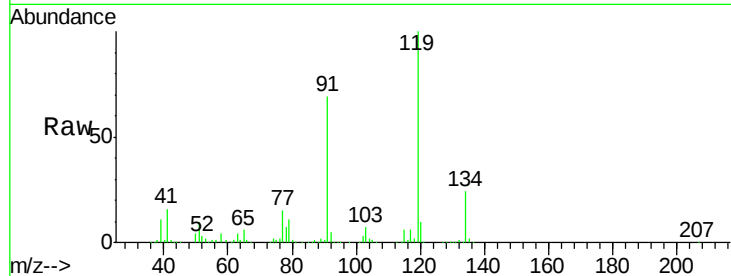
#83
tert-Butylbenzene
Concen: 20.574 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.7	33.0	98.9
134	26.2	12.8	38.4

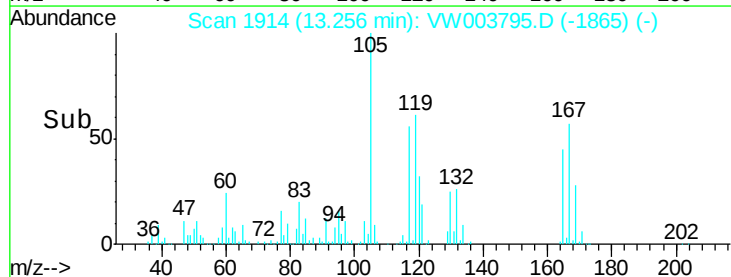
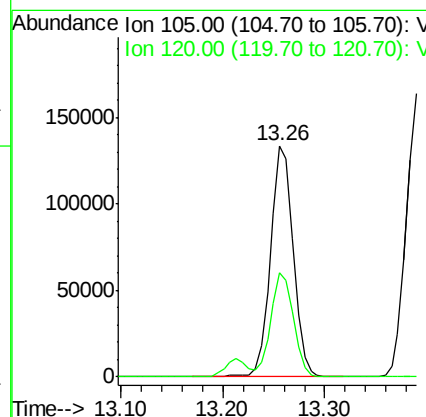
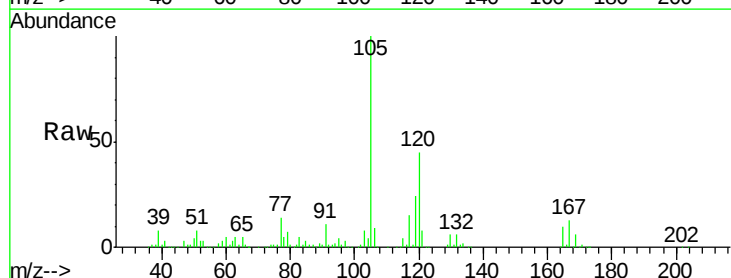
Manual Integrations
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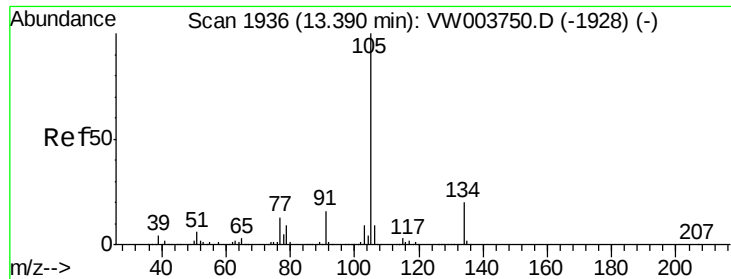
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#84
1,2,4-Trimethylbenzene
Concen: 20.712 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.0	66.0





#85

sec-Butylbenzene

Concen: 20.574 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS02

Tot Ion:105 Resp: 242747

Ion Ratio Lower Upper

105 100

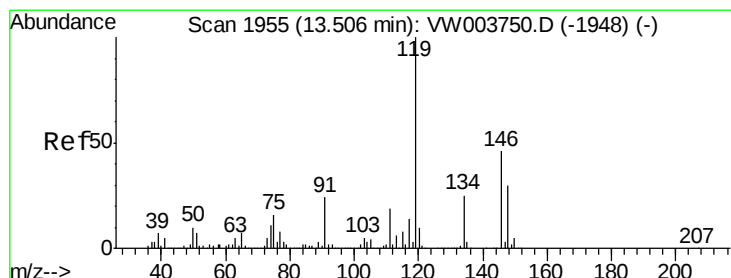
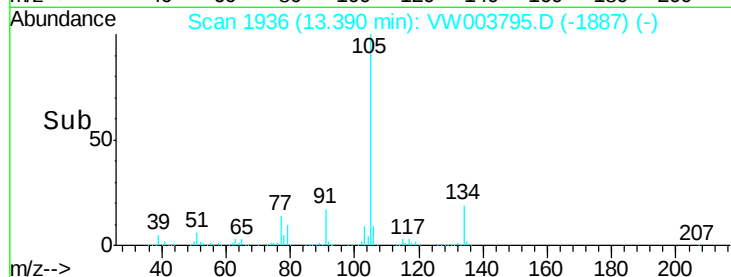
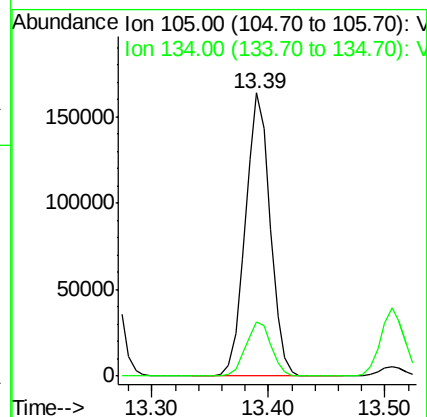
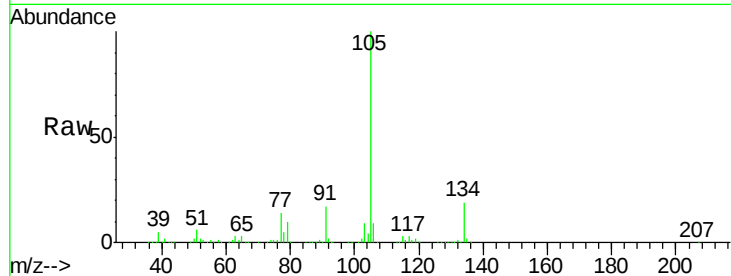
134 19.8 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.784 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

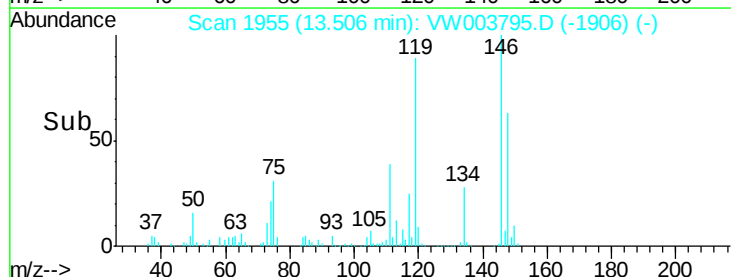
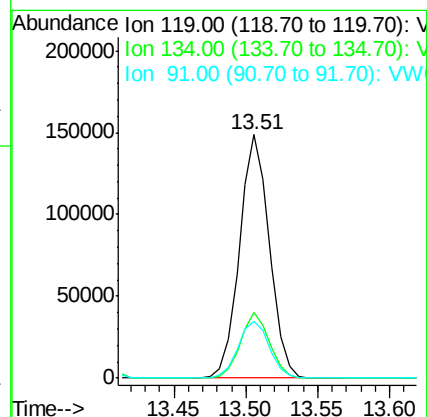
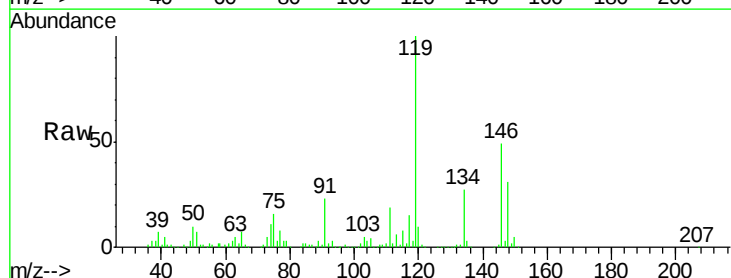
Tgt Ion:119 Resp: 214287

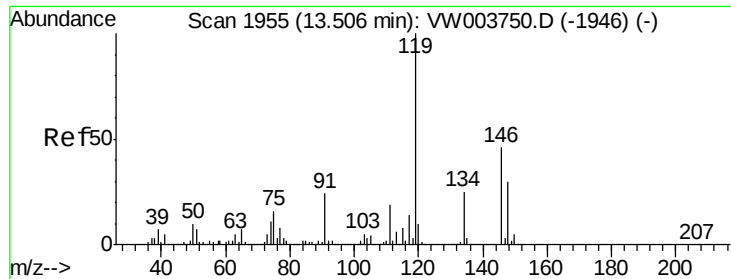
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 24.4 11.9 35.9





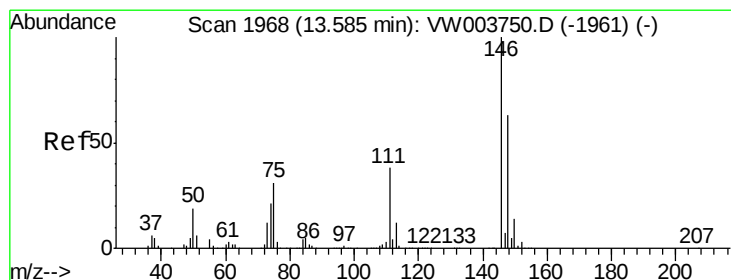
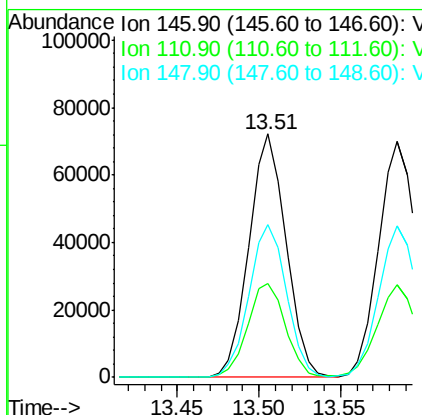
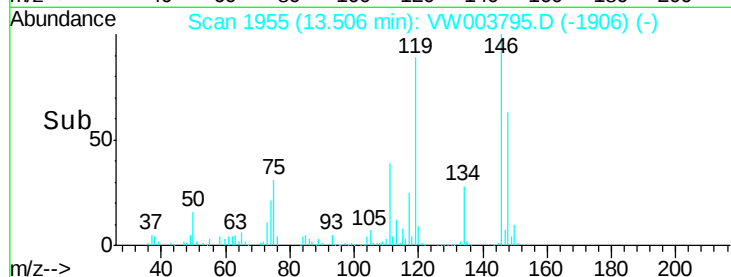
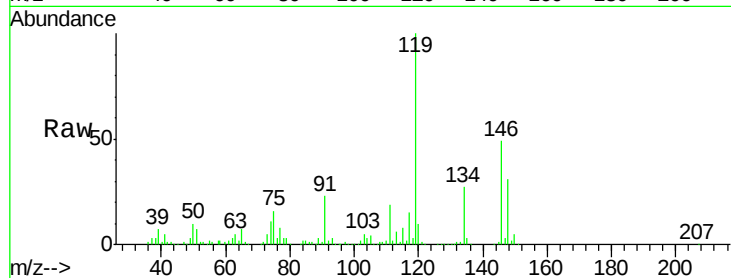
#87
 1,3-Dichlorobenzene
 Concen: 20.443 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003795.D
 Acq: 10 Jul 2018 00:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	114099		
111	39.6	20.2	60.5	
148	63.8	31.9	95.7	

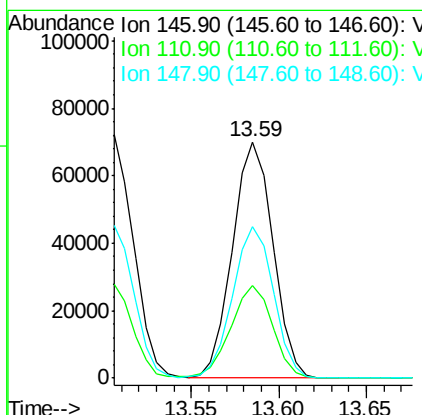
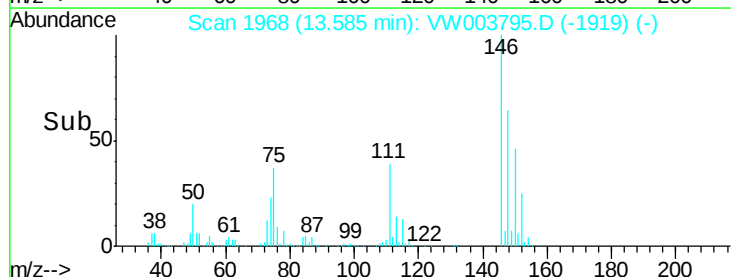
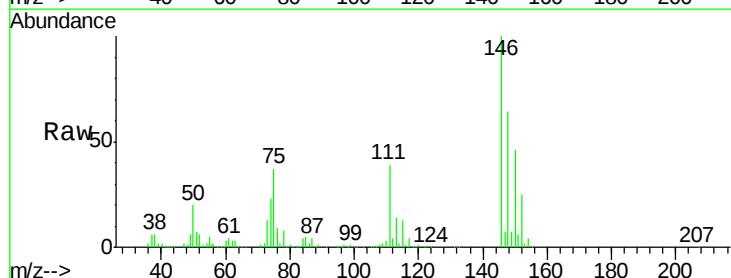
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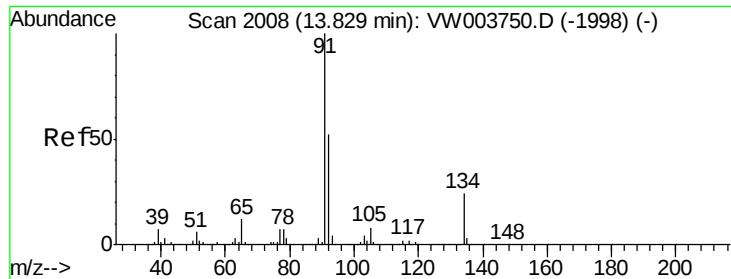
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#88
 1,4-Dichlorobenzene
 Concen: 20.172 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003795.D
 Acq: 10 Jul 2018 00:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	113216		
111	40.4	19.4	58.4	
148	64.7	31.9	95.7	





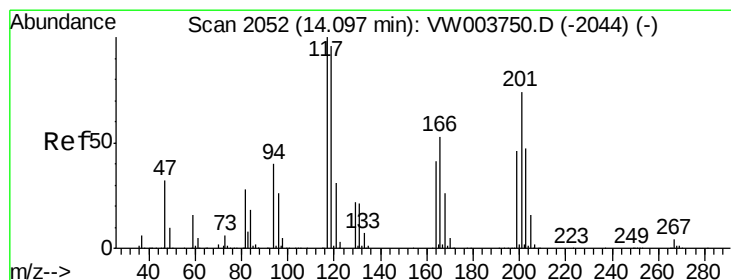
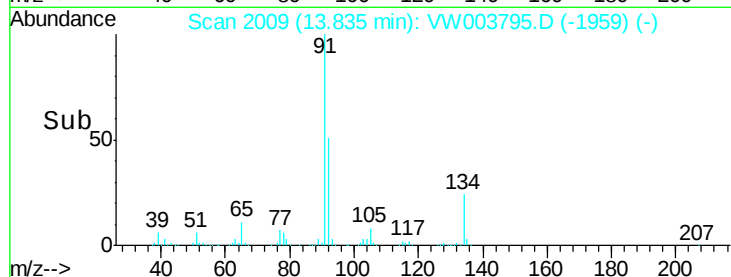
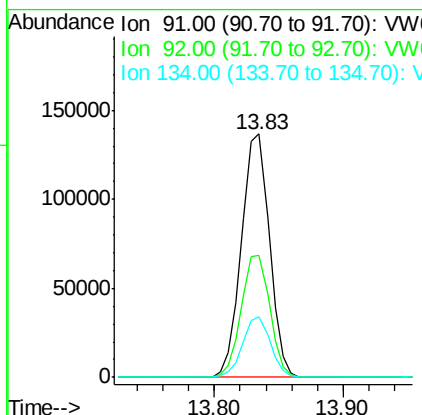
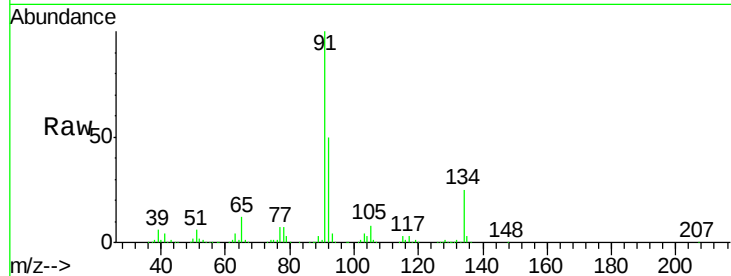
#89
n-Butylbenzene
Concen: 20.319 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.1	78.3
134	24.4	12.4	37.4

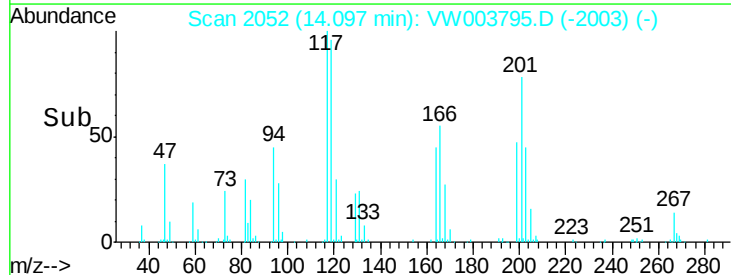
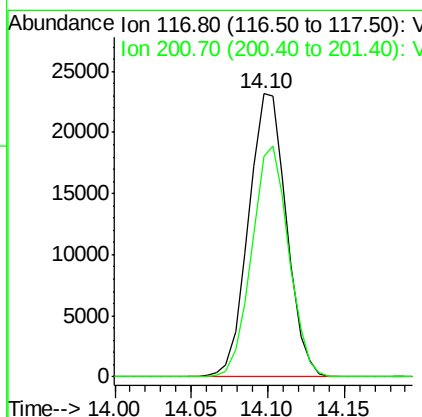
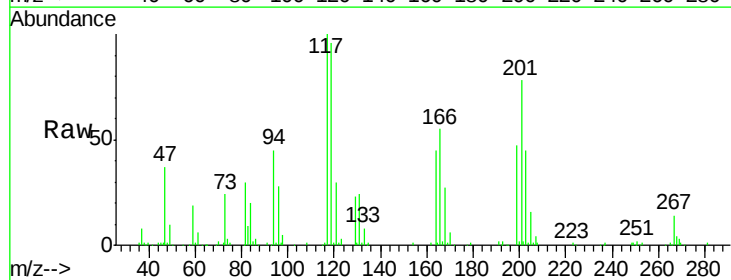
Manual Integrations
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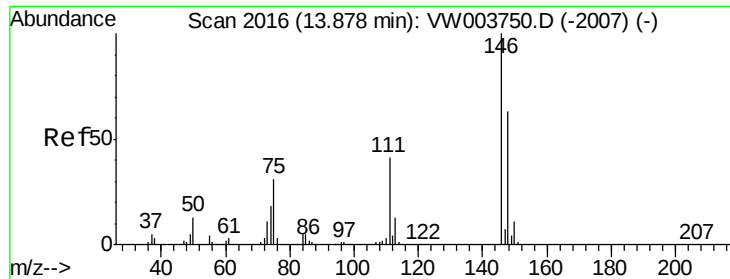
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#90
Hexachloroethane
Concen: 20.148 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.5	39.2	117.6





#91

1,2-Dichlorobenzene

Concen: 20.520 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Instrument :

MSVOA_W

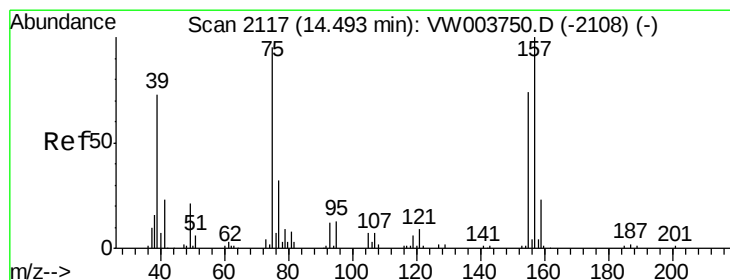
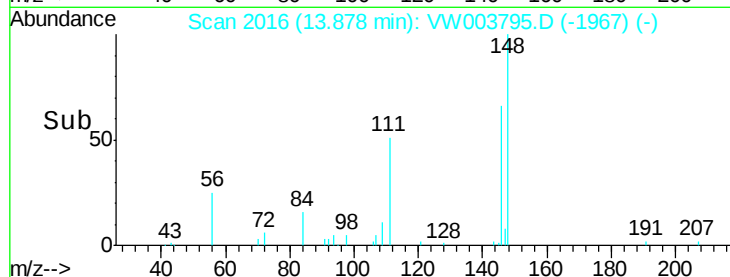
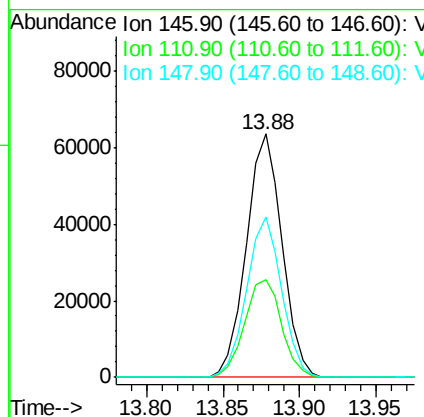
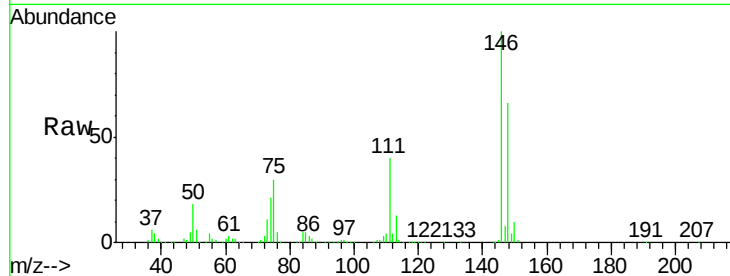
ClientSampleId :

VW0709SBS02

Tot Ion:	146	Resp:	103083
Ion Ratio	Lower	Upper	
146	100		
111	41.3	20.7	62.1
148	64.8	31.9	95.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.111 ug/l

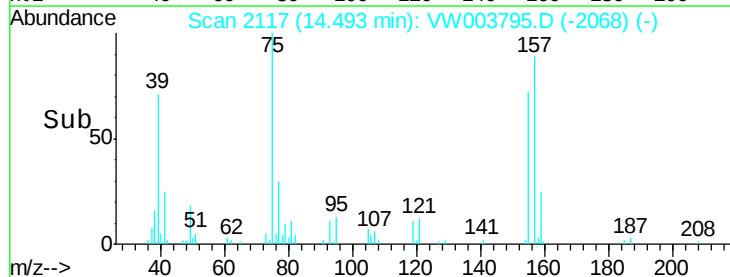
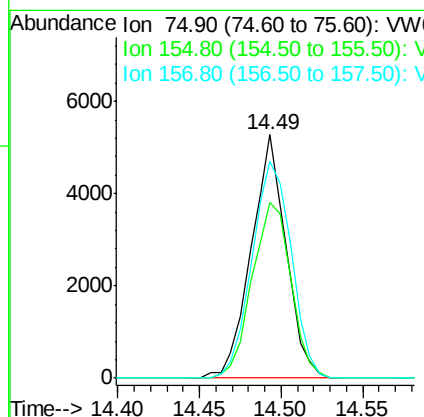
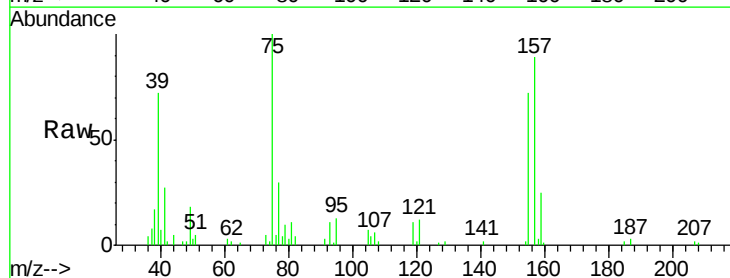
RT: 14.49 min Scan# 2117

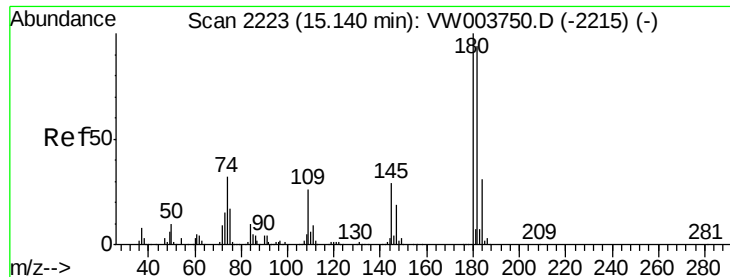
Delta R.T. -0.00 min

Lab File: VW003795.D

Acq: 10 Jul 2018 00:39

Tgt Ion:	75	Resp:	7831
Ion Ratio	Lower	Upper	
75	100		
155	80.3	39.2	117.6
157	100.4	50.7	152.1





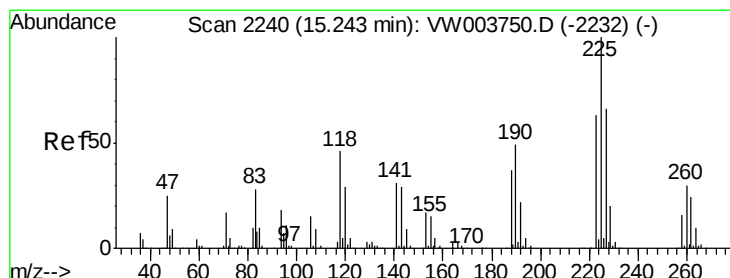
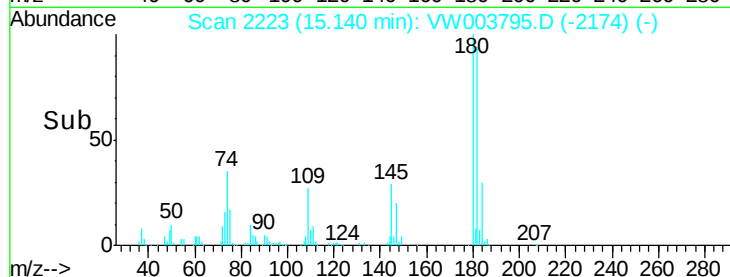
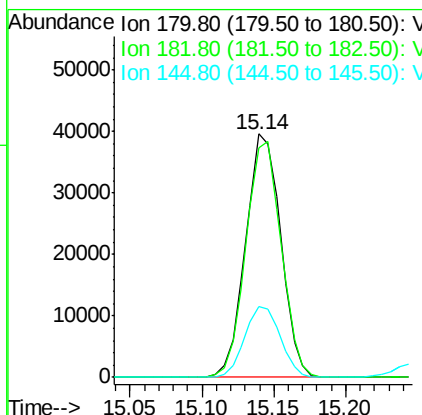
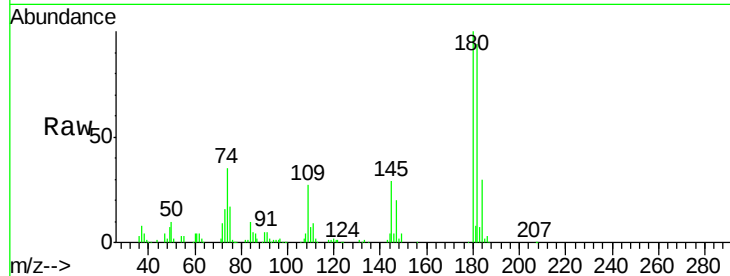
#93
 1,2,4-Trichlorobenzene
 Concen: 19.617 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW003795.D
 Acq: 10 Jul 2018 00:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.4	142.2
145	29.5	15.0	45.0

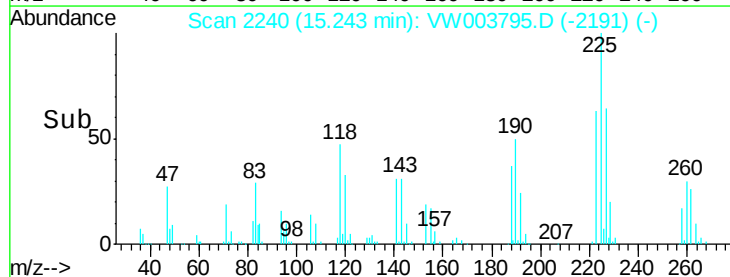
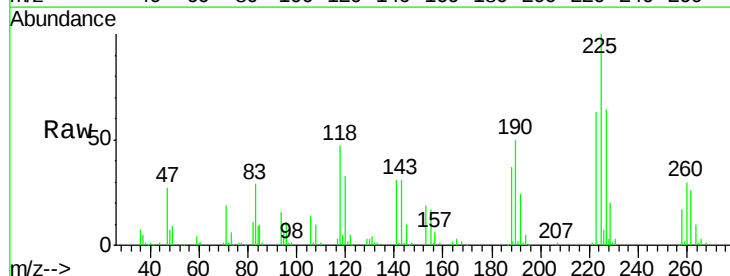
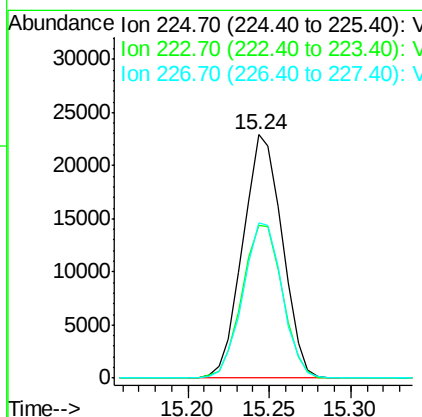
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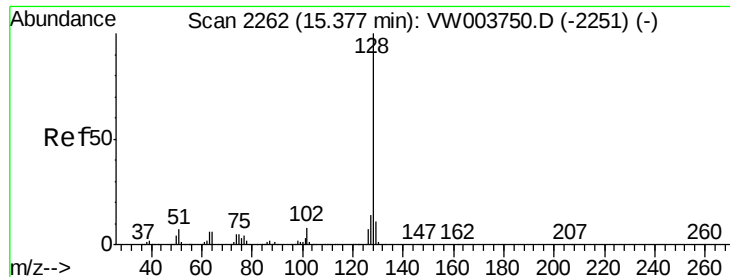
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#94
 Hexachlorobutadiene
 Concen: 19.918 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW003795.D
 Acq: 10 Jul 2018 00:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	32.6	97.7
227	63.2	32.5	97.5





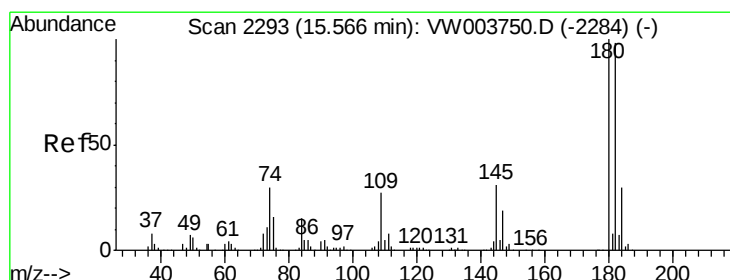
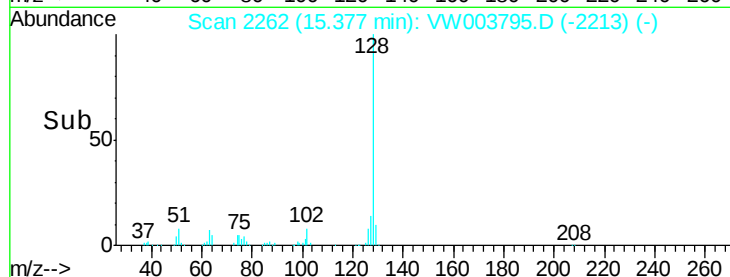
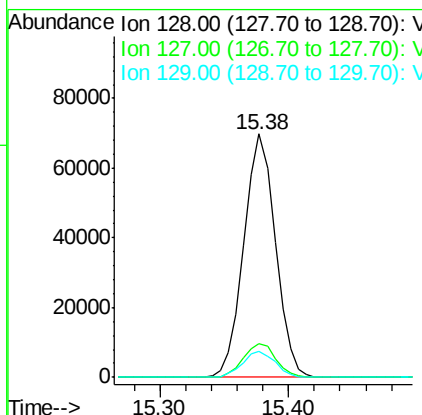
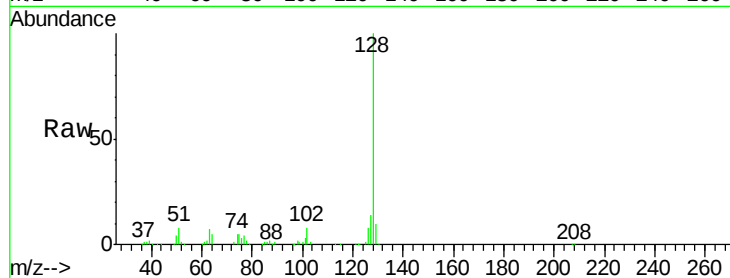
#95
Naphthalene
Concen: 19.461 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.8	16.2
129	10.9	8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 19.838 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003795.D
Acq: 10 Jul 2018 00:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.4	142.3
145	31.4	15.8	47.4

