

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005657.D
 Acq On : 26 Sep 2018 17:15
 Operator : VA/AP
 Sample : VW0926SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

Manual Integrations
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apatel
 9/27/2018 10:33:39 AM

Quant Time: Sep 27 06:52:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	333479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	175236	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	138933	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
35) Dibromofluoromethane	7.88	113	112671	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
50) Toluene-d8	10.33	98	451490	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.62	95	171640	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	30580	20.461	ug/l	96
3) Chloromethane	2.21	50	30422	16.663	ug/l	99
4) Vinyl Chloride	2.37	62	45129	20.679	ug/l	98
5) Bromomethane	2.78	94	30002	20.343	ug/l	99
6) Chloroethane	2.93	64	27013	19.290	ug/l	96
7) Trichlorofluoromethane	3.26	101	29750	17.430	ug/l	93
8) Diethyl Ether	3.67	74	24042	21.563	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44499	20.595	ug/l	98
10) Methyl Iodide	4.26	142	68255	20.541	ug/l	99
11) Tert butyl alcohol	5.20	59	16106	115.305	ug/l #	80
12) 1,1-Dichloroethene	4.03	96	44118	21.328	ug/l	93
13) Acrolein	3.89	56	10350	100.245	ug/l	98
14) Allyl chloride	4.66	41	71790	19.887	ug/l	97
15) Acrylonitrile	5.37	53	54064	109.211	ug/l	99
16) Acetone	4.14	43	61874	143.060	ug/l	98
17) Carbon Disulfide	4.37	76	129967	20.109	ug/l	99
18) Methyl Acetate	4.67	43	24651	19.439	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	67720	21.210	ug/l	98
20) Methylene Chloride	4.91	84	56463	22.859	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	47330	20.891	ug/l	97
22) Diisopropyl ether	6.31	45	144386	20.603	ug/l	97
23) Vinyl Acetate	6.26	43	434769	108.544	ug/l	99
24) 1,1-Dichloroethane	6.21	63	89416	20.652	ug/l	99
25) 2-Butanone	7.18	43	75569	116.286	ug/l	98
26) 2,2-Dichloropropane	7.17	77	63459	20.994	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	51979	20.801	ug/l	99
28) Bromochloromethane	7.51	49	32895	19.180	ug/l	94
29) Tetrahydrofuran	7.53	42	44193	108.853	ug/l	99
30) Chloroform	7.68	83	94023	21.034	ug/l	99
31) Cyclohexane	7.95	56	83836	20.210	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	81790	20.713	ug/l	99
36) 1,1-Dichloropropene	8.08	75	74530	22.201	ug/l	99
37) Ethyl Acetate	7.26	43	30866	21.849	ug/l	98
38) Carbon Tetrachloride	8.07	117	78996	21.960	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86419	21.819	ug/l	99
40) Benzene	8.32	78	204937	21.546	ug/l	99
41) Methacrylonitrile	7.49	41	18657	23.208	ug/l	99
42) 1,2-Dichloroethane	8.40	62	66934	21.980	ug/l	99
43) Isopropyl Acetate	8.43	43	61272	22.060	ug/l	99
44) Trichloroethene	9.10	130	53371	21.922	ug/l	98
45) 1,2-Dichloropropane	9.37	63	49080	20.974	ug/l	94
46) Dibromomethane	9.46	93	26494	22.660	ug/l	99
47) Bromodichloromethane	9.65	83	68227	21.723	ug/l	97
48) Methyl methacrylate	9.44	41	28819	21.845	ug/l	98
49) 1,4-Dioxane	9.46	88	7476	402.178	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	158400	113.229	ug/l	100
52) Toluene	10.39	92	129901	21.888	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	69106	21.948	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	77746	22.038	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	37112	22.361	ug/l	98
56) Ethyl methacrylate	10.65	69	46636	22.763	ug/l	97
57) 1,3-Dichloropropane	10.93	76	65388	22.230	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	102160	110.001	ug/l	98
59) 2-Hexanone	10.98	43	116470	122.557	ug/l	100
60) Dibromochloromethane	11.13	129	45470	22.675	ug/l	99
61) 1,2-Dibromoethane	11.24	107	33863	21.884	ug/l	93
64) Tetrachloroethene	10.87	164	46432	20.601	ug/l	97
65) Chlorobenzene	11.66	112	141970	21.060	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.73	131	51979	21.423	ug/l	99
67) Ethyl Benzene	11.74	91	253575	21.191	ug/l	97
68) m/p-Xylenes	11.84	106	195074	43.151	ug/l	100
69) o-Xylene	12.17	106	90377	21.346	ug/l	98
70) Styrene	12.19	104	151321	21.238	ug/l	100
71) Bromoform	12.35	173	29252	22.713	ug/l #	98
73) Isopropylbenzene	12.47	105	258491	21.271	ug/l	100
74) N-amyl acetate	12.28	43	58314	21.192	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44176	21.886	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	37585m	25.161	ug/l	
77) Bromobenzene	12.76	156	61009	21.420	ug/l	98
78) n-propylbenzene	12.81	91	316199	21.492	ug/l	99
79) 2-Chlorotoluene	12.90	91	180411	21.195	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	226084	21.396	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14533	21.913	ug/l	99
82) 4-Chlorotoluene	12.99	91	191851	21.332	ug/l	100
83) tert-Butylbenzene	13.21	119	190507	21.460	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	232442	21.798	ug/l	99
85) sec-Butylbenzene	13.39	105	276167	21.450	ug/l	100
86) p-Isopropyltoluene	13.51	119	253414	21.959	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	126645	21.745	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	124166	21.436	ug/l	100
89) n-Butylbenzene	13.83	91	236384	21.716	ug/l	99
90) Hexachloroethane	14.10	117	43822	20.951	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	110278	21.450	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8428	21.915	ug/l	98

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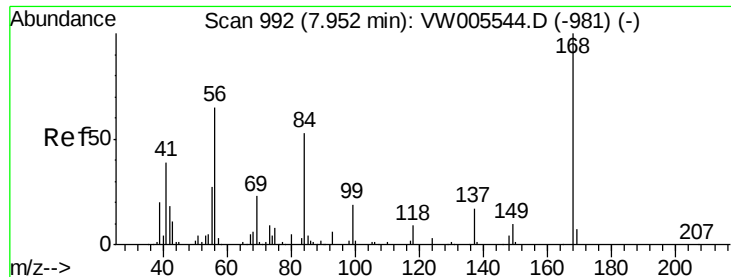
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	81393	22.193	ug/l	100
94) Hexachlorobutadiene	15.24	225	50687	21.333	ug/l	99
95) Naphthalene	15.38	128	139729	22.650	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	72338	22.381	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBS01

Tot Ion:168 Resp: 227122

Ion Ratio Lower Upper

168 100

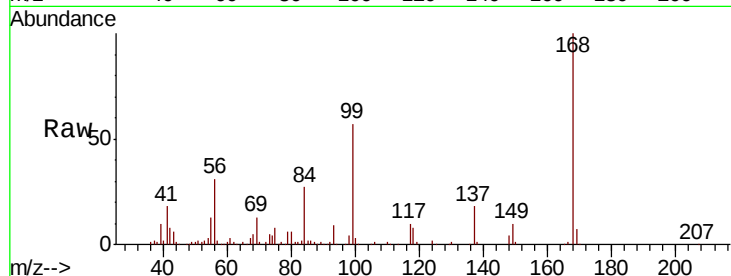
99 57.2 48.4 72.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

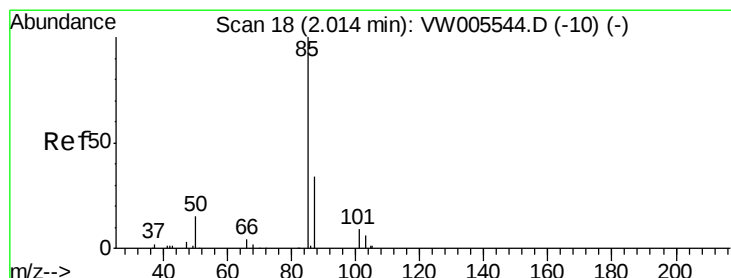
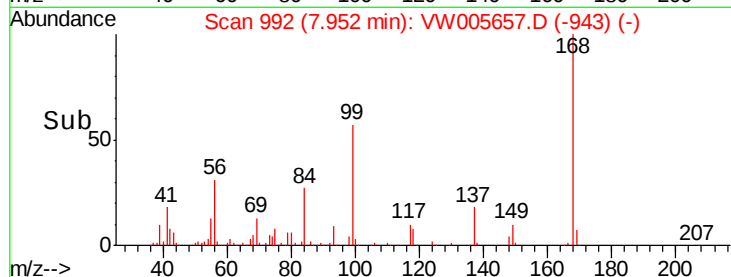
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.461 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW005657.D

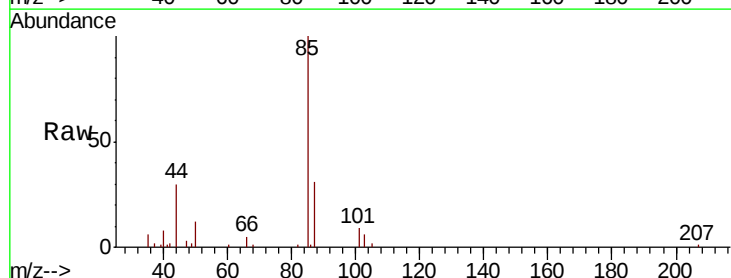
Acq: 26 Sep 2018 17:15

Tgt Ion: 85 Resp: 30580

Ion Ratio Lower Upper

85 100

87 31.5 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

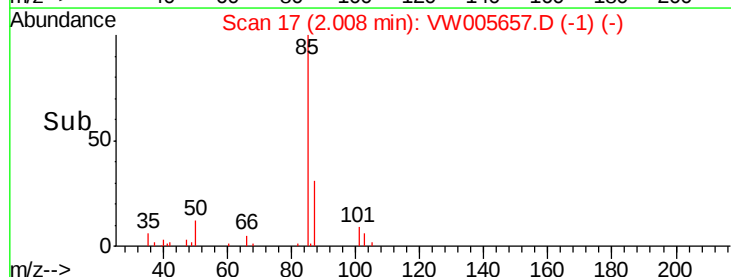
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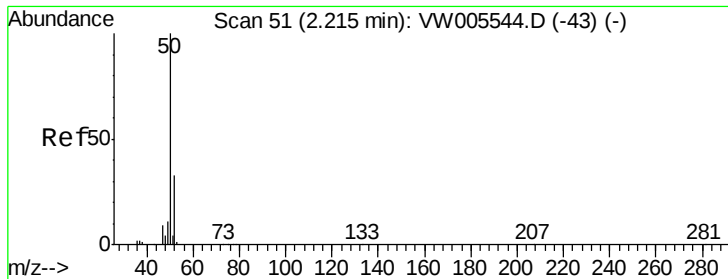
4000

2000

0

Time-->





#3

Chloromethane

Concen: 16.663 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBS01

Tot Ion: 50 Resp: 30422

Ion Ratio Lower Upper

50 100

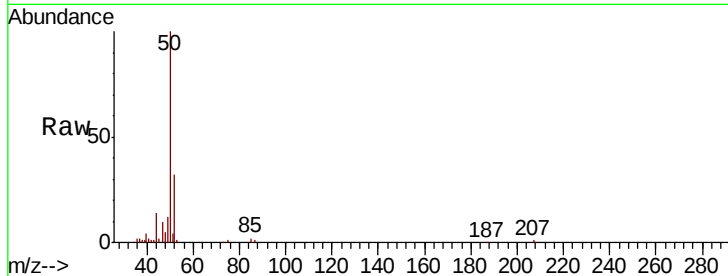
52 32.0 26.2 39.4

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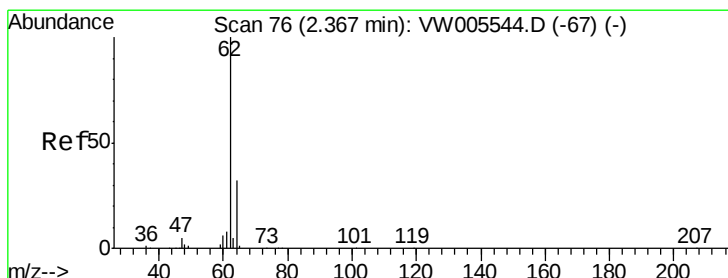
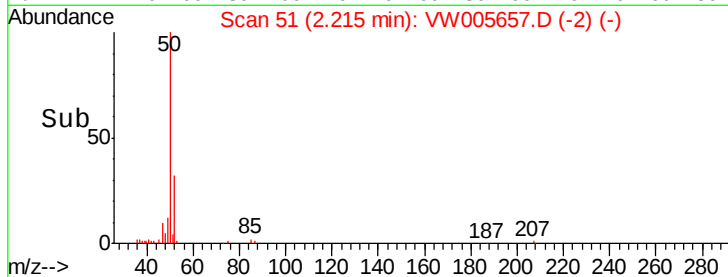
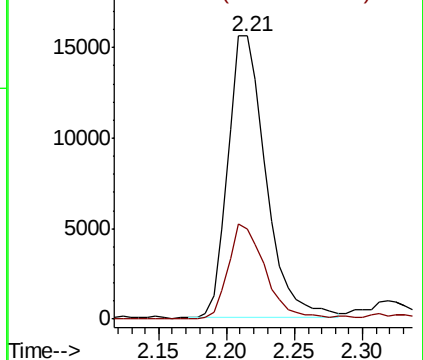
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.679 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005657.D

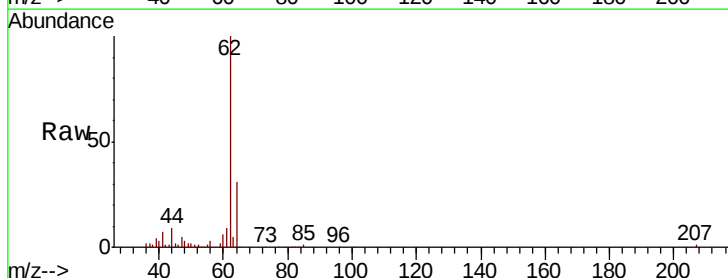
Acq: 26 Sep 2018 17:15

Tgt Ion: 62 Resp: 45129

Ion Ratio Lower Upper

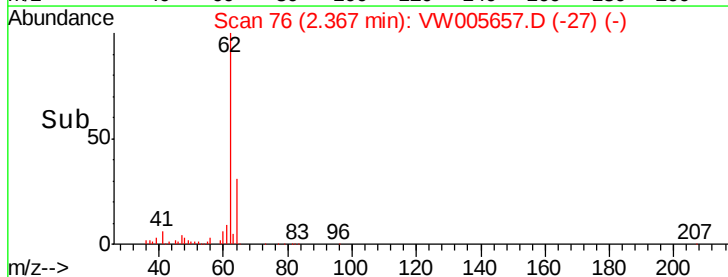
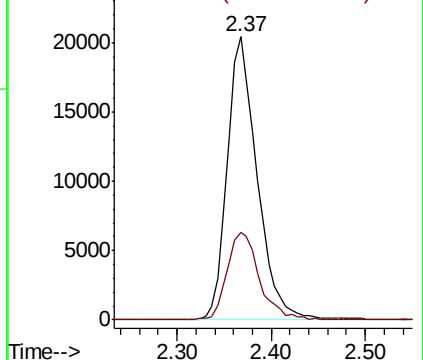
62 100

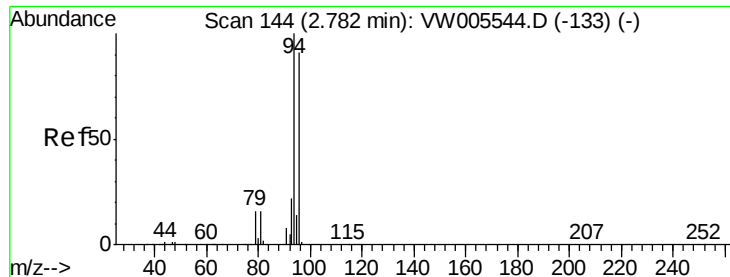
64 31.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 20.343 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBS01

Tot Ion: 94 Resp: 30002

Ion Ratio Lower Upper

94 100

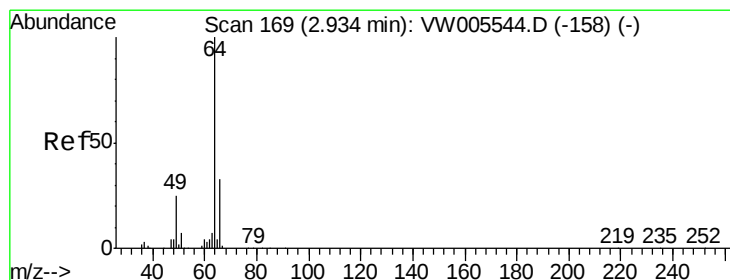
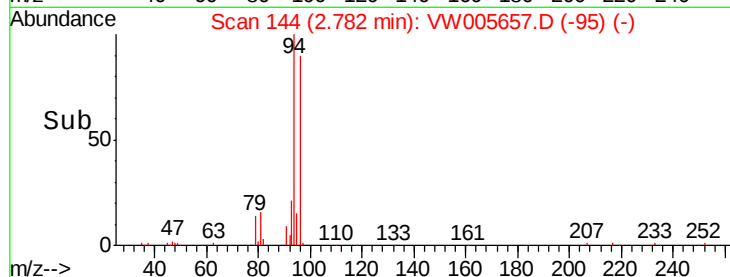
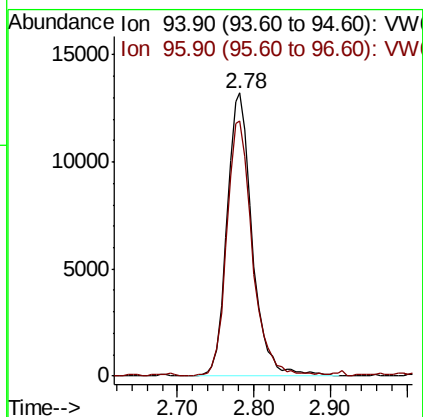
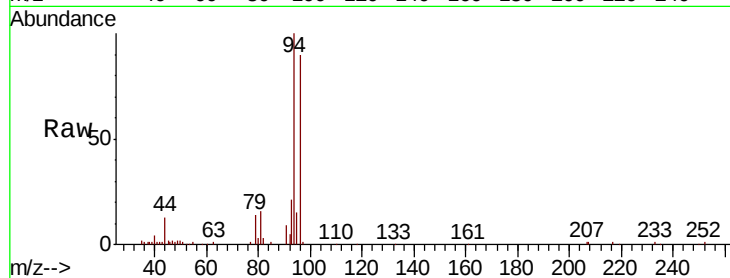
96 90.1 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 19.290 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005657.D

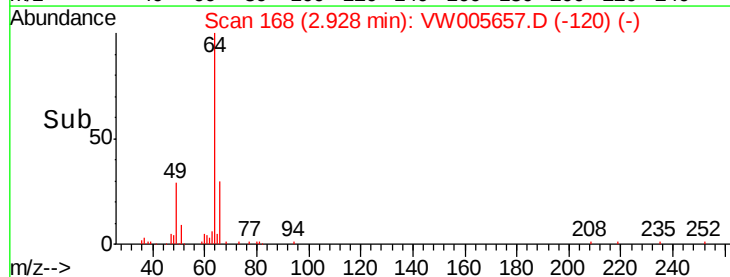
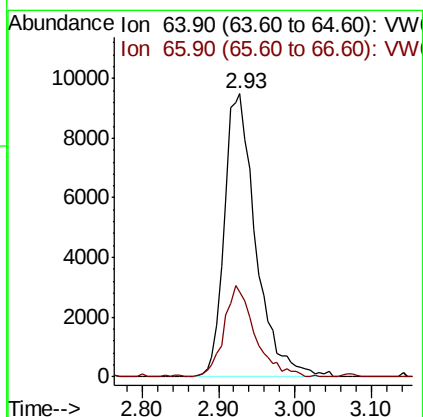
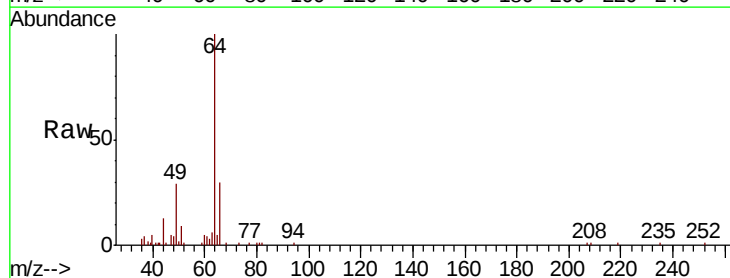
Acq: 26 Sep 2018 17:15

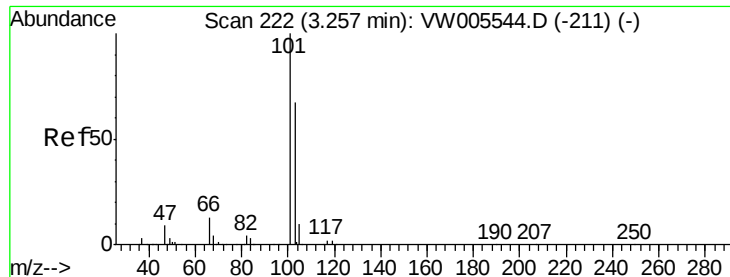
Tgt Ion: 64 Resp: 27013

Ion Ratio Lower Upper

64 100

66 30.1 26.0 39.0





#7

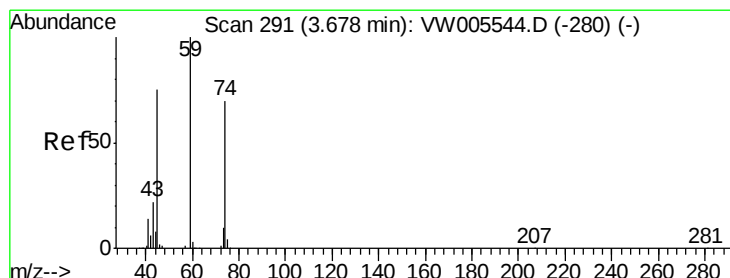
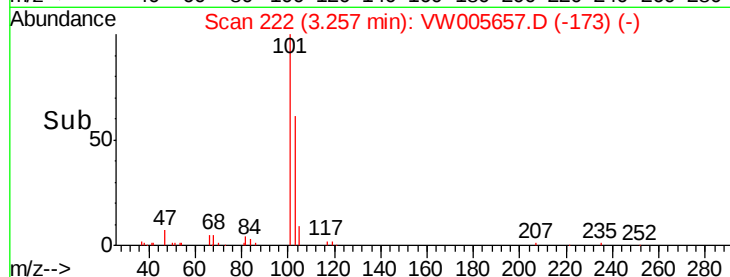
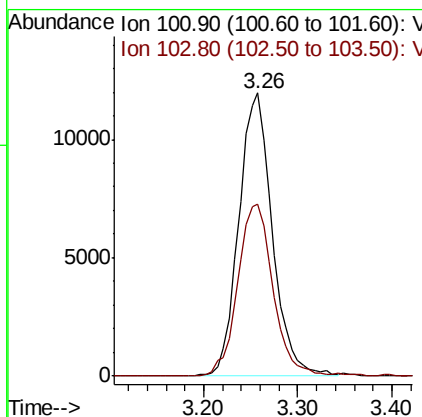
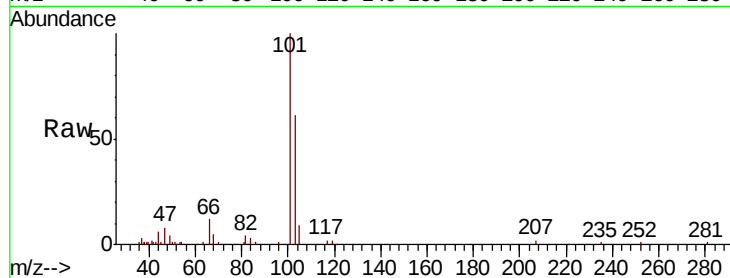
Trichlorofluoromethane
 Concen: 17.430 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW005657.D
 Acq: 26 Sep 2018 17:15

Instrument :
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 ClientSampleId :
 VW0926SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.7	53.2	79.8

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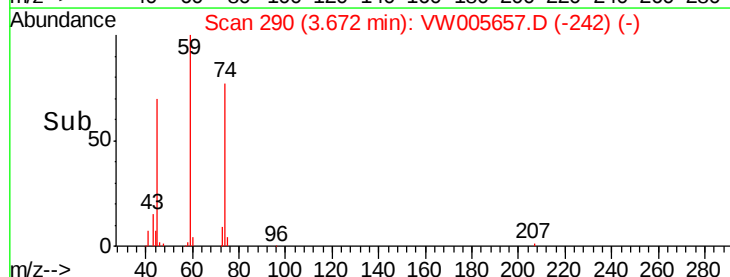
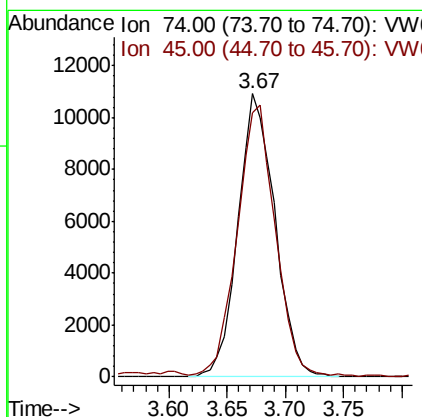
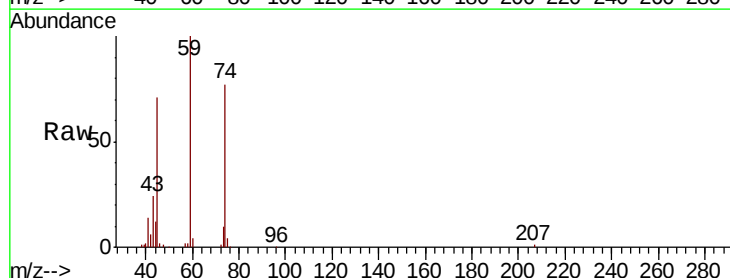
apatel
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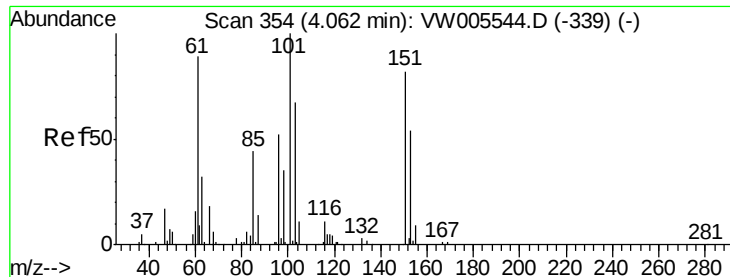


#8

Diethyl Ether
 Concen: 21.563 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW005657.D
 Acq: 26 Sep 2018 17:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.3	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.595 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

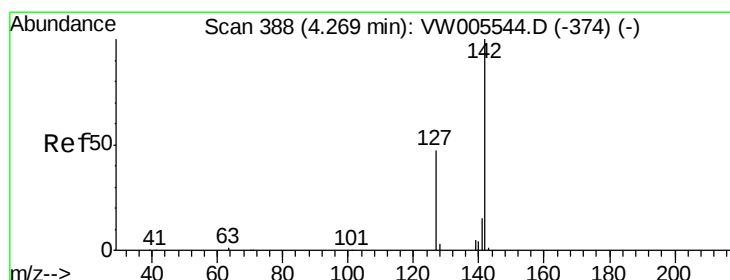
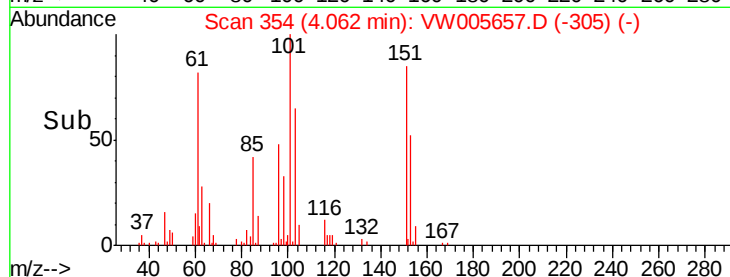
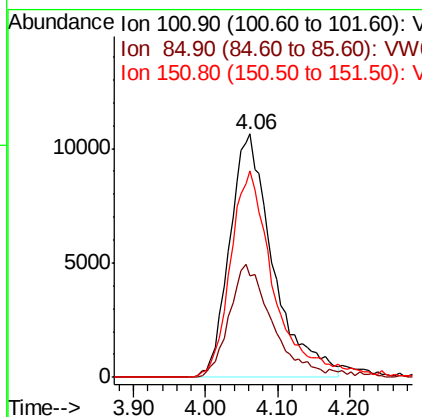
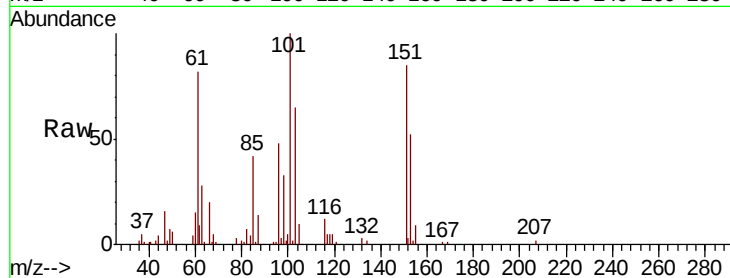
ClientSampleId :

VW0926SBS01

Tot Ion:	101	Resp:	44499
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.4	54.6
151	85.3	65.8	98.6

Manual Integrations
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#10

Methyl Iodide

Concen: 20.541 ug/l

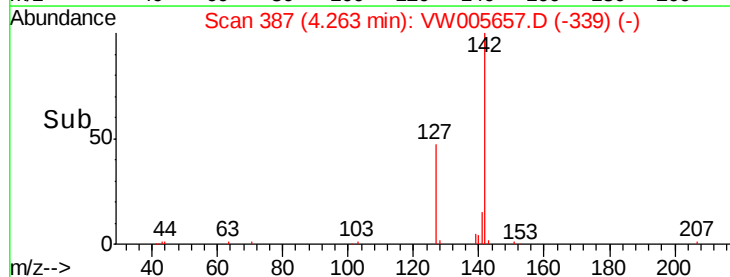
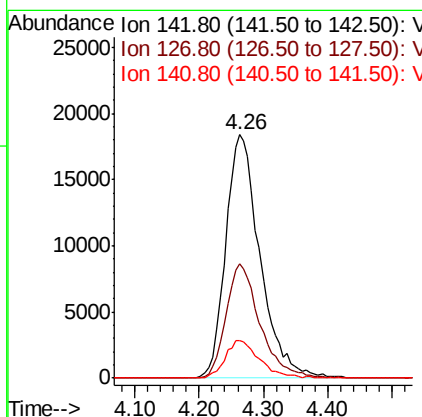
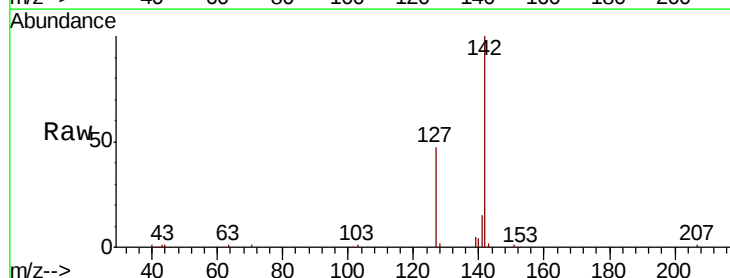
RT: 4.26 min Scan# 387

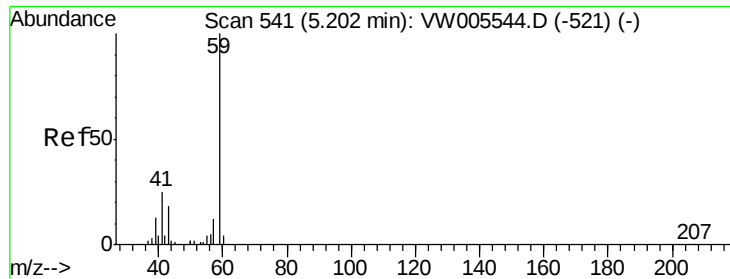
Delta R.T. -0.01 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Tgt Ion:	142	Resp:	68255
Ion Ratio	Lower	Upper	
142	100		
127	46.4	37.4	56.0
141	15.5	11.9	17.9





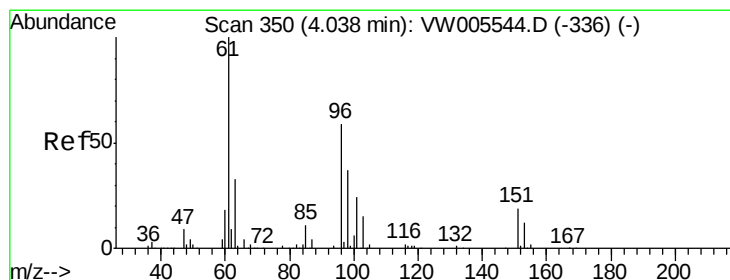
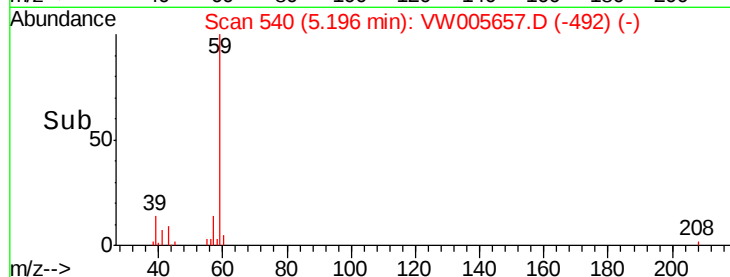
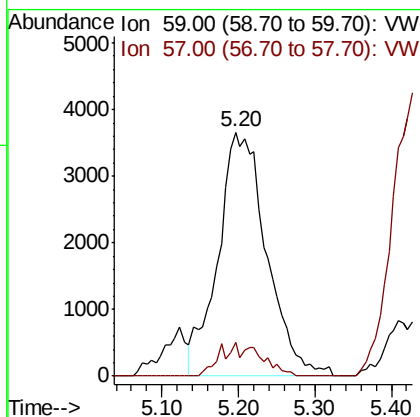
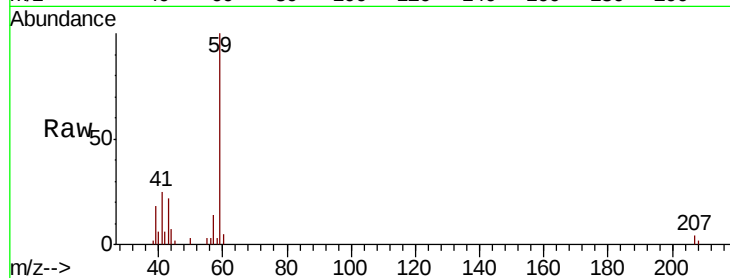
#11
Tert butyl alcohol
Concen: 115.305 ug/l
RT: 5.20 min Scan# 540
Delta R.T. -0.01 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	16106		
57	3.0	8.3	12.5#	

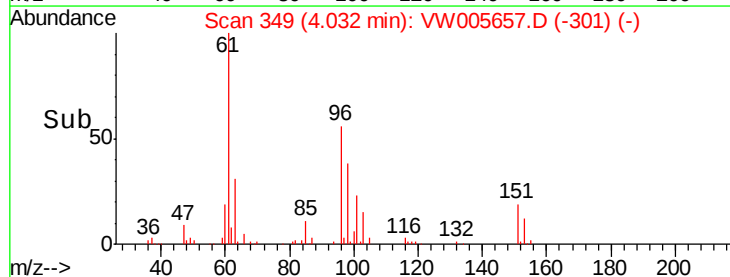
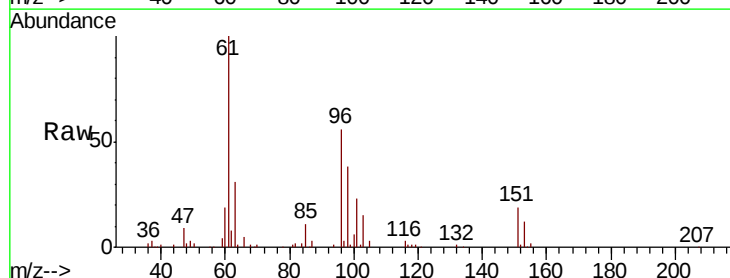
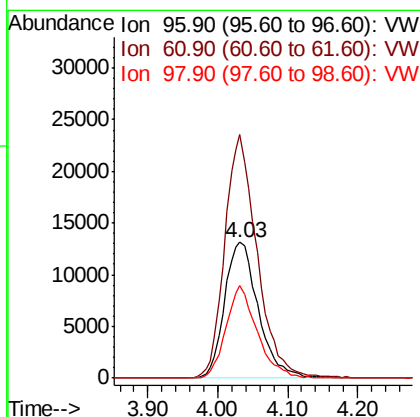
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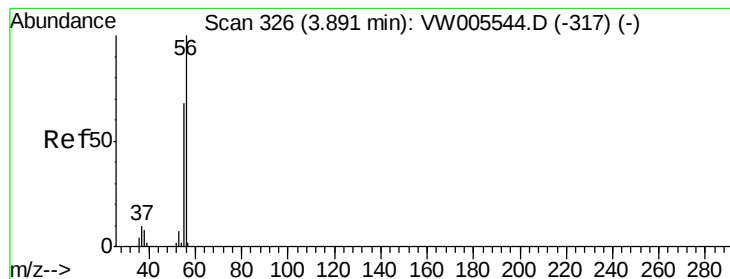
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#12
1,1-Dichloroethene
Concen: 21.328 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	44118		
61	179.6	135.0	202.6	
98	68.2	50.6	76.0	





#13

Acrolein

Concen: 100.245 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

ClientSampled :

VW0926SBS01

Tot Ion: 56 Resp: 10350

Ion Ratio Lower Upper

56 100

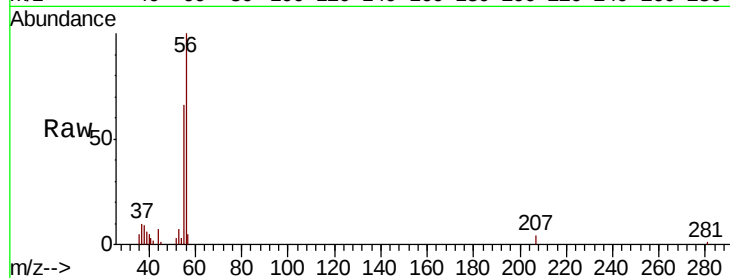
55 74.2 57.8 86.8

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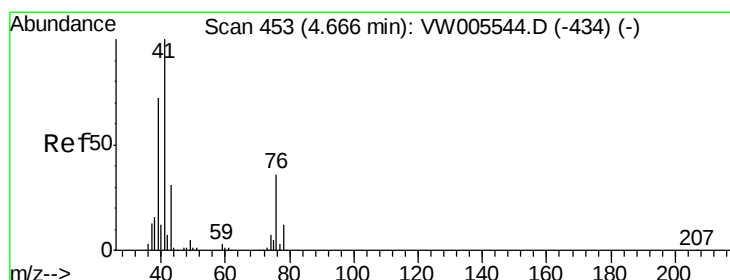
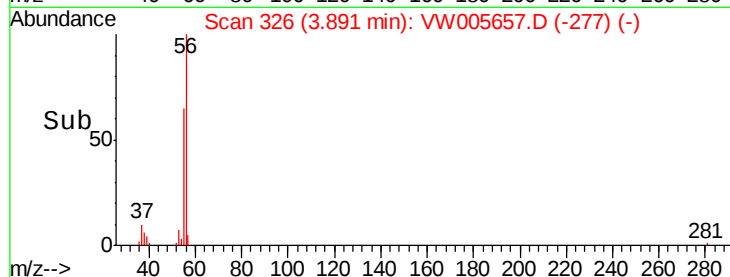
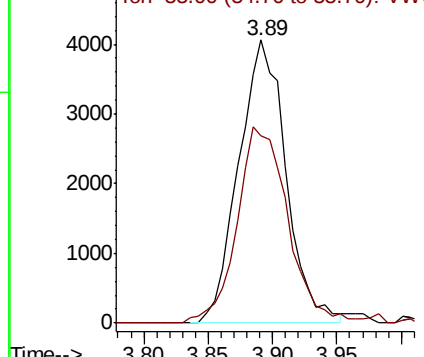
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.887 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

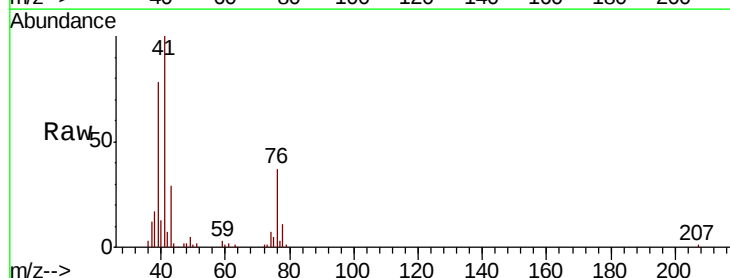
Tgt Ion: 41 Resp: 71790

Ion Ratio Lower Upper

41 100

39 76.3 59.6 89.4

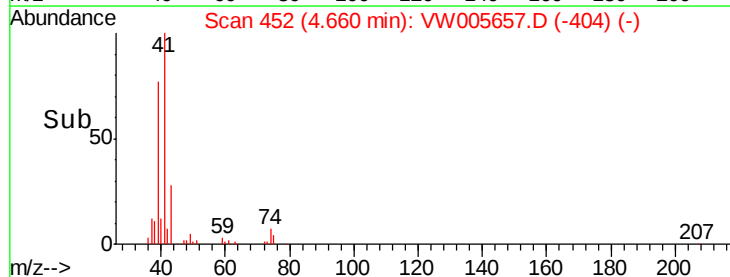
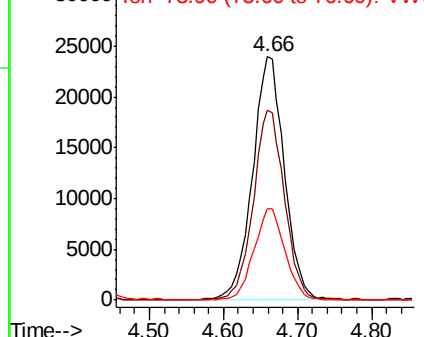
76 36.8 27.7 41.5

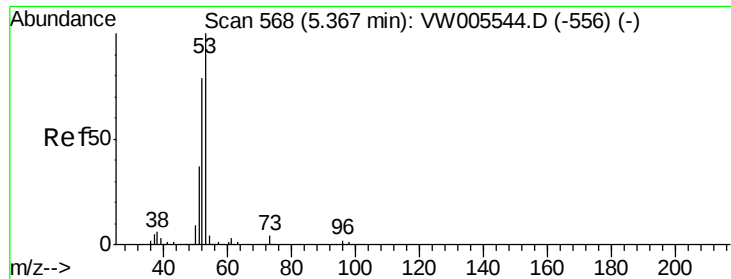


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 109.211 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

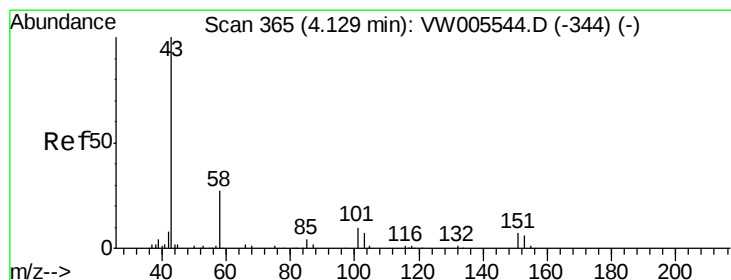
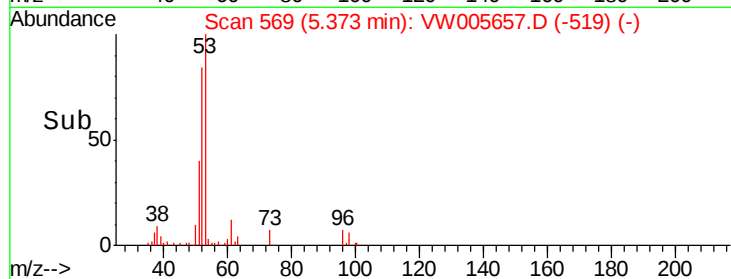
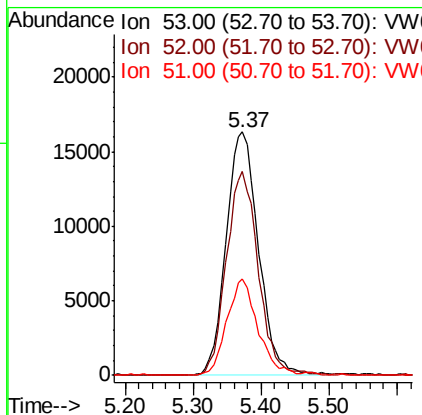
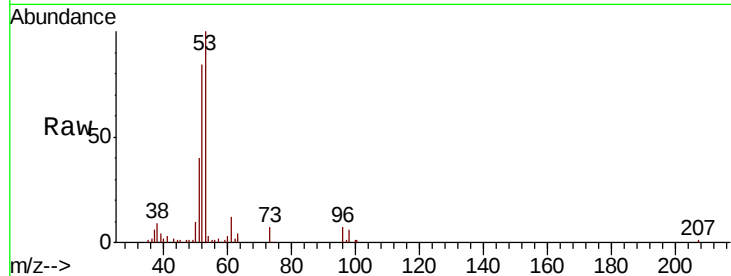
ClientSampleId :

VW0926SBS01

Tot Ion:	53	Resp:	54064
Ion Ratio	Lower	Upper	
53	100		
52	81.9	66.5	99.7
51	37.8	30.6	46.0

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#16

Acetone

Concen: 143.060 ug/l

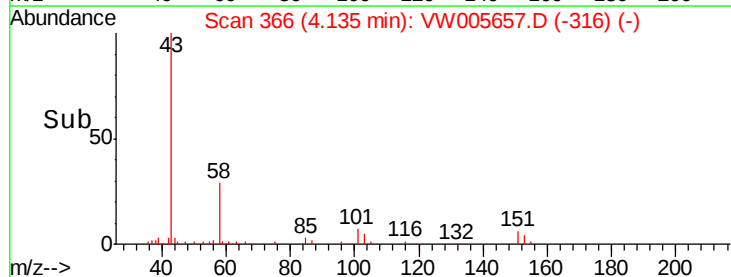
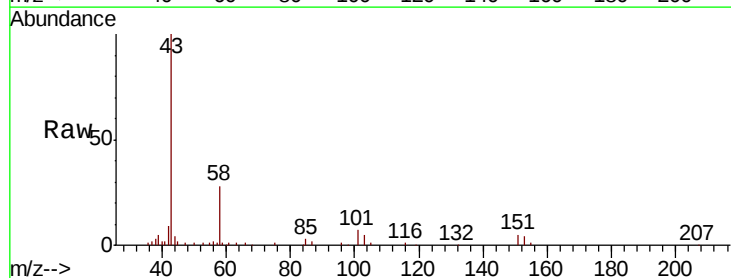
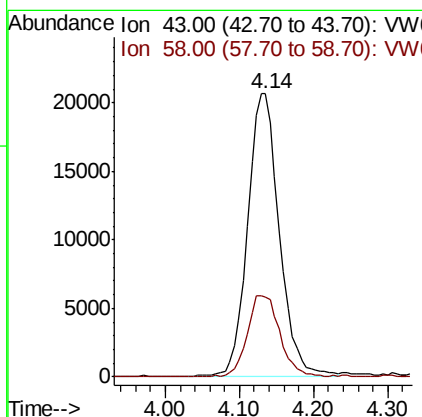
RT: 4.14 min Scan# 366

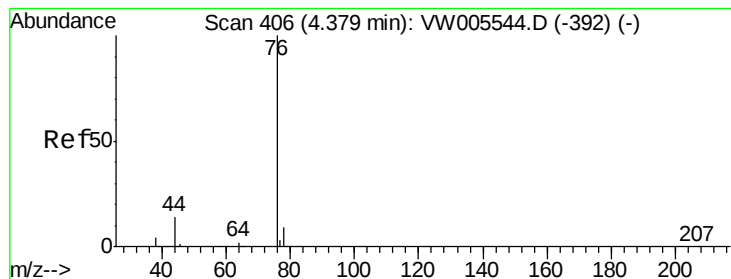
Delta R.T. 0.01 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Tgt Ion:	43	Resp:	61874
Ion Ratio	Lower	Upper	
43	100		
58	28.2	21.8	32.8





#17

Carbon Disulfide

Concen: 20.109 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBS01

Tot Ion: 76 Resp: 129967

Ion Ratio Lower Upper

76 100

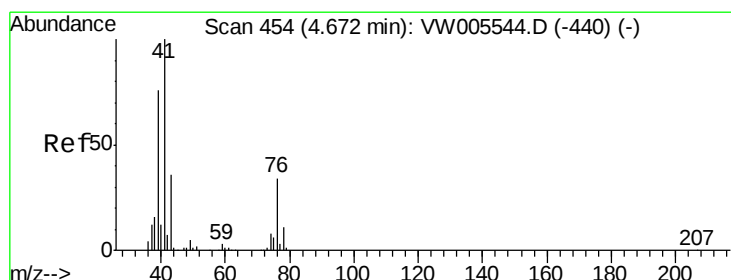
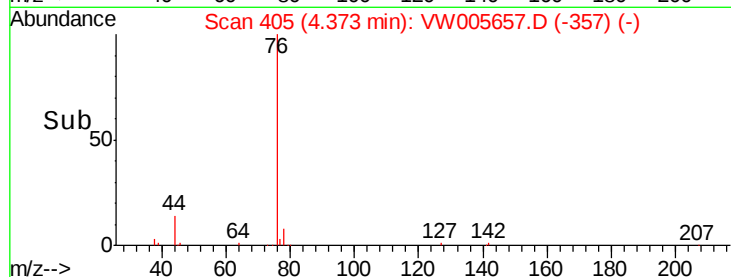
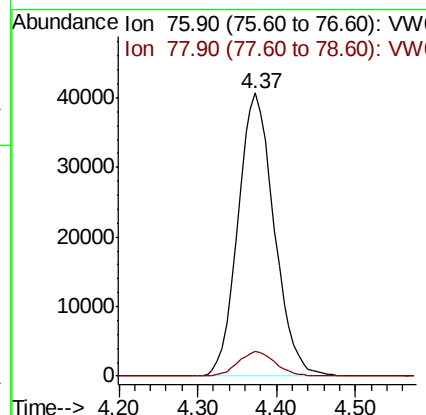
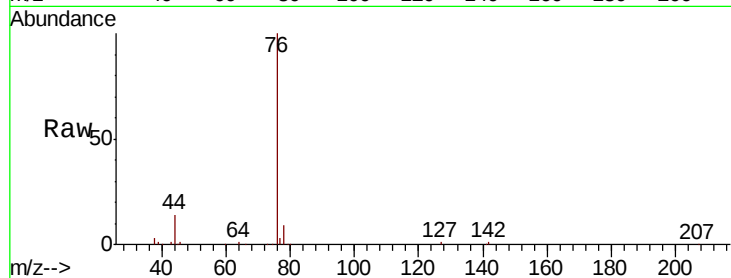
78 8.9 7.4 11.0

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#18

Methyl Acetate

Concen: 19.439 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW005657.D

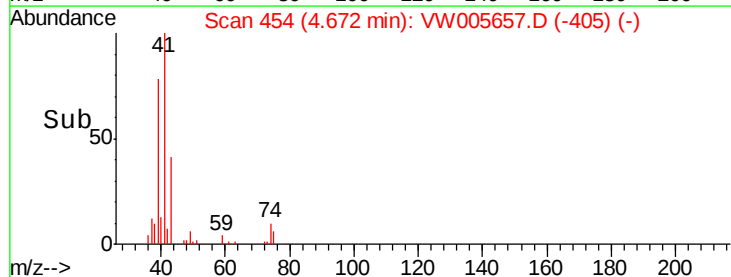
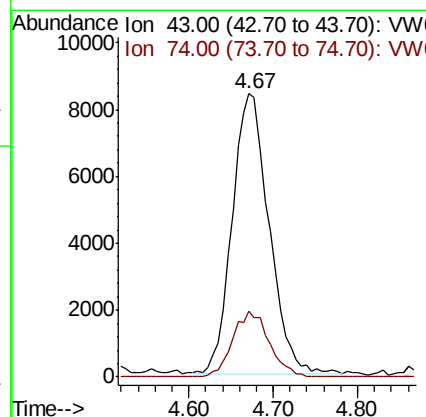
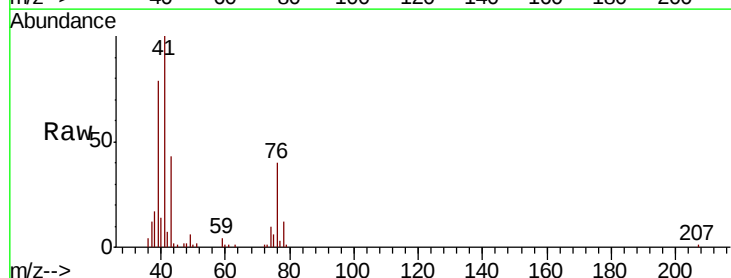
Acq: 26 Sep 2018 17:15

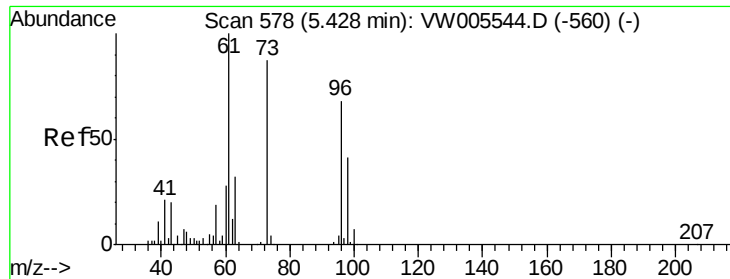
Tgt Ion: 43 Resp: 24651

Ion Ratio Lower Upper

43 100

74 23.4 19.2 28.8





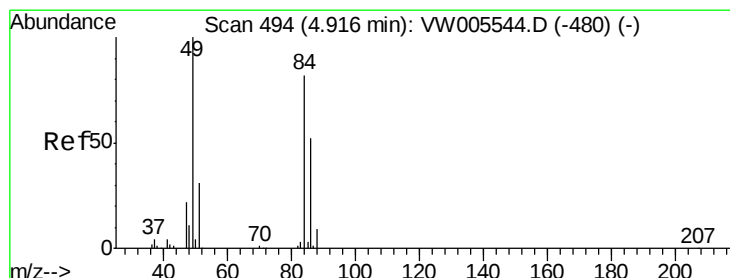
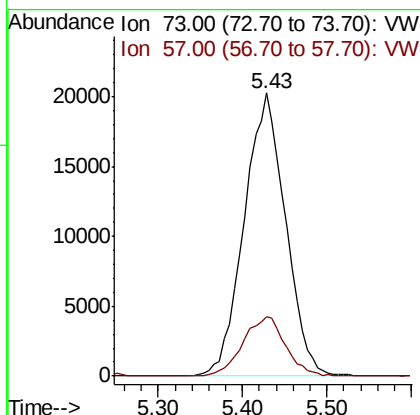
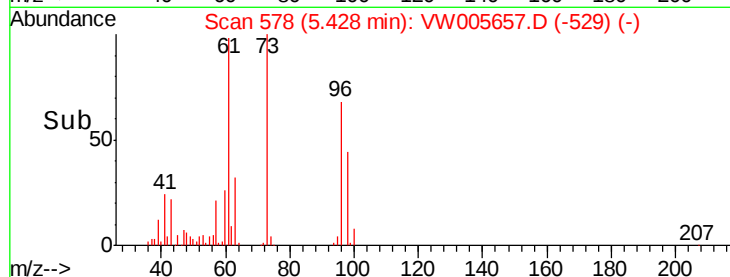
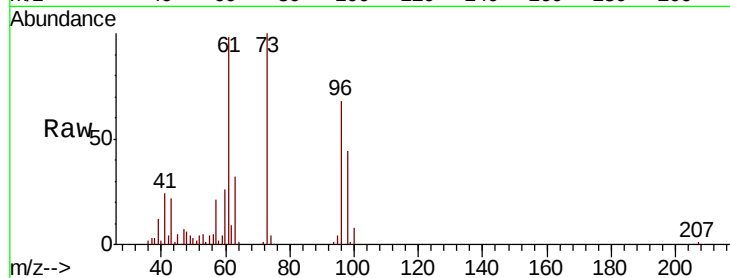
#19
Methvl tert-butvl Ether
Concen: 21.210 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion: 73 Resp: 67720
Ion Ratio Lower Upper
73 100
57 21.0 17.6 26.4

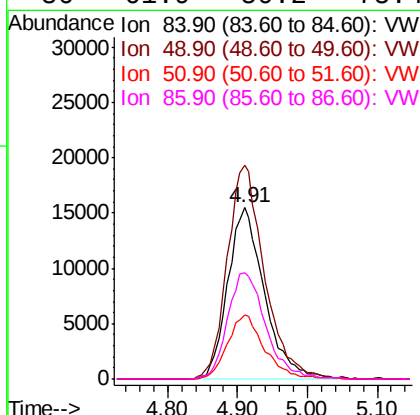
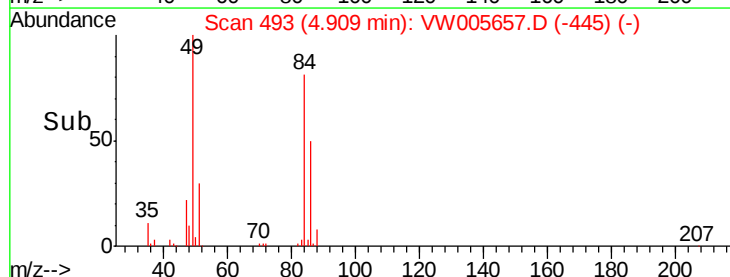
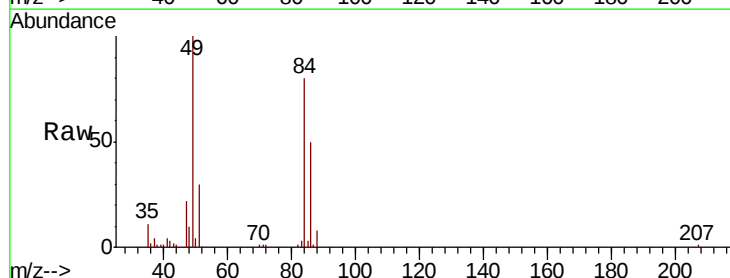
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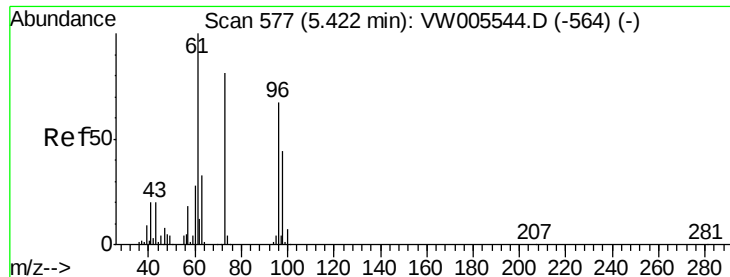
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#20
Methylene Chloride
Concen: 22.859 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Tgt Ion: 84 Resp: 56463
Ion Ratio Lower Upper
84 100
49 124.7 97.0 145.6
51 37.4 30.2 45.2
86 61.9 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 20.891 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

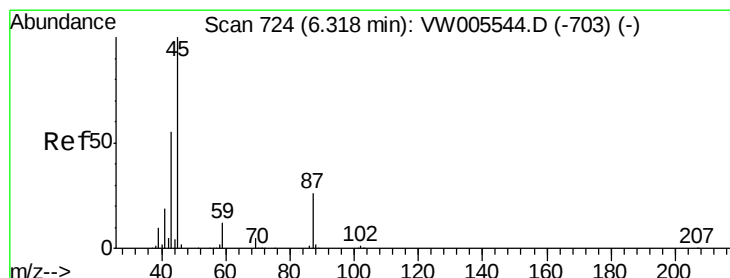
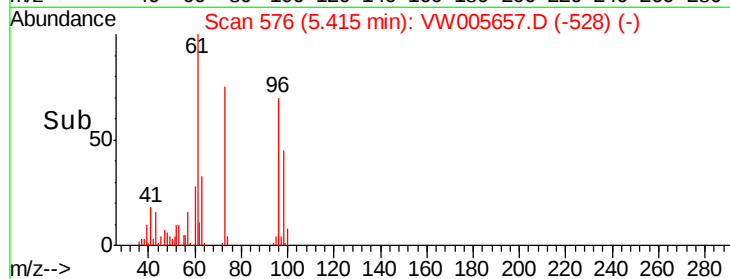
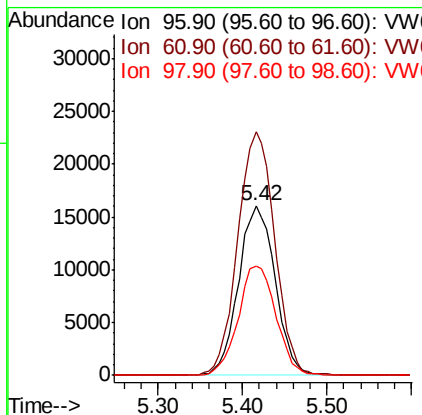
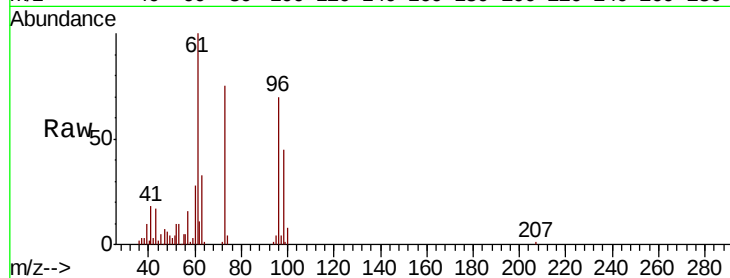
ClientSampleId :

VW0926SBS01

Tot Ion:	96	Resp:	47330
Ion	Ratio	Lower	Upper
96	100		
61	143.4	118.9	178.3
98	64.4	52.1	78.1

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#22

Diisopropyl ether

Concen: 20.603 ug/l

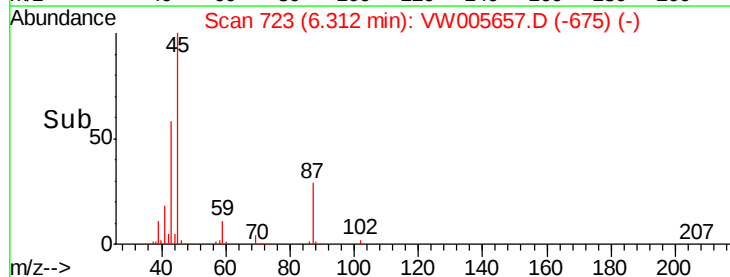
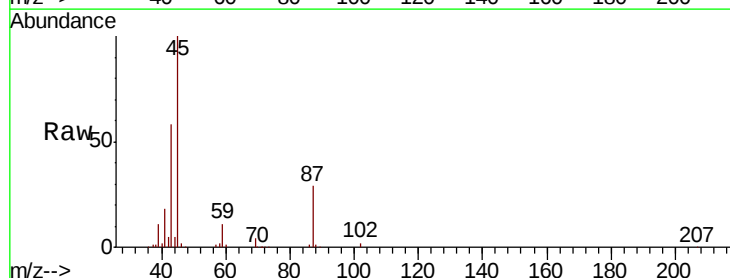
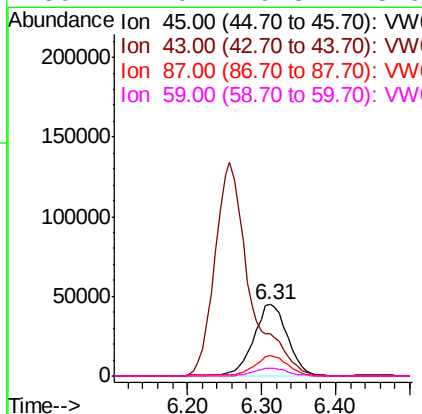
RT: 6.31 min Scan# 723

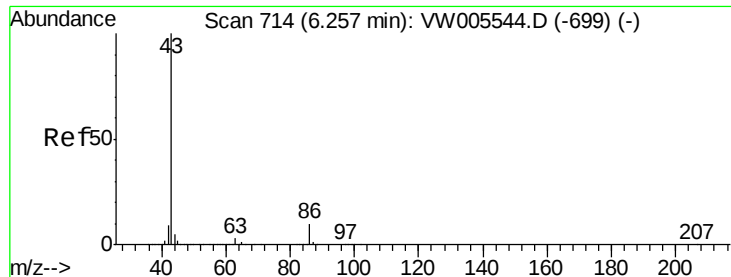
Delta R.T. -0.01 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Tgt Ion:	45	Resp:	144386
Ion	Ratio	Lower	Upper
45	100		
43	57.6	44.2	66.4
87	28.7	21.4	32.2
59	11.0	9.3	13.9





#23

Vinyl Acetate

Concen: 108.544 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

ClientSampled :

VW0926SBS01

Tot Ion: 43 Resp: 434769

Ion Ratio Lower Upper

43 100

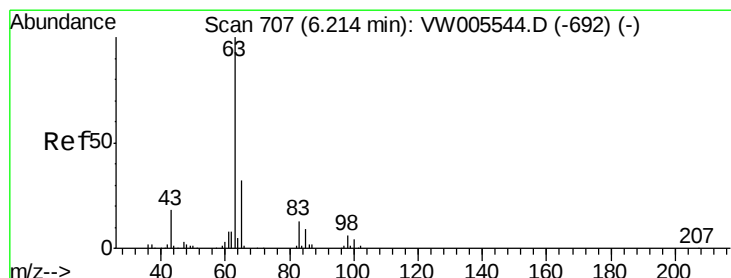
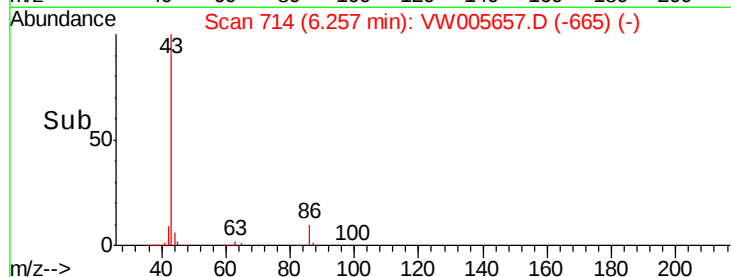
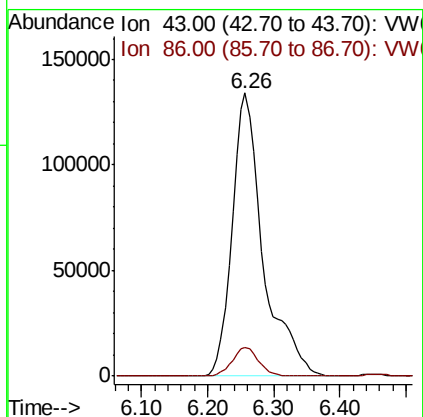
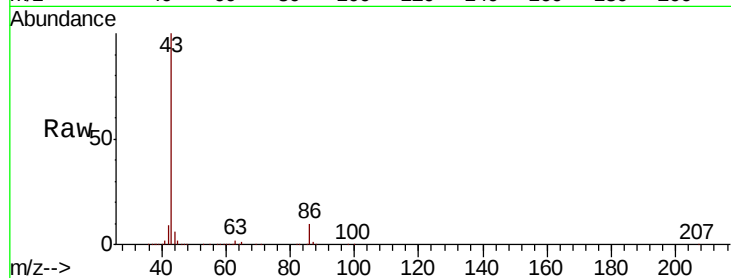
86 10.0 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 20.652 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

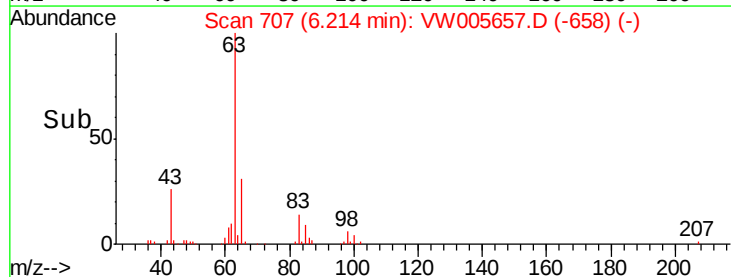
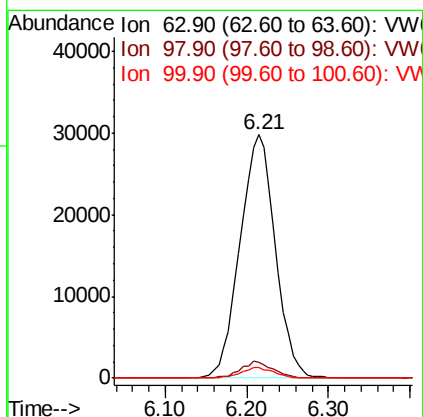
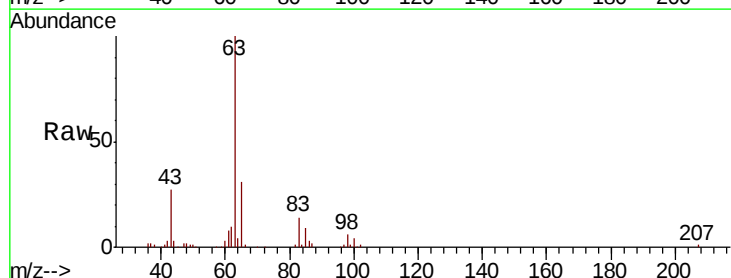
Tgt Ion: 63 Resp: 89416

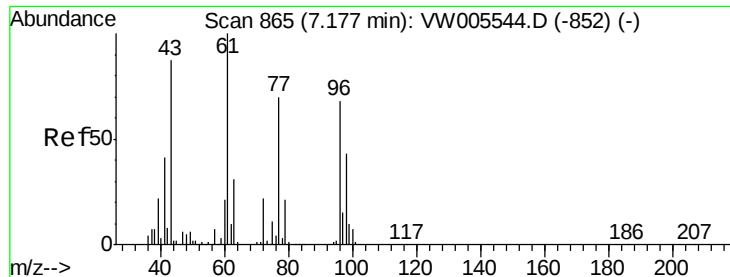
Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.8

100 4.4 2.1 6.2





#25

2-Butanone

Concen: 116.286 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

ClientSampled :

VW0926SBS01

Tot Ion: 43 Resp: 75569

Ion Ratio Lower Upper

43 100

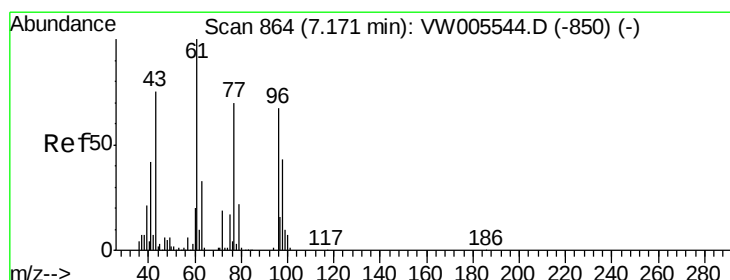
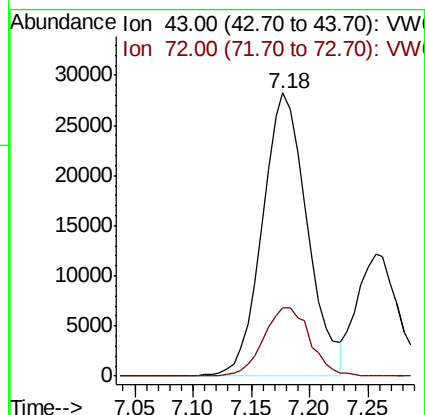
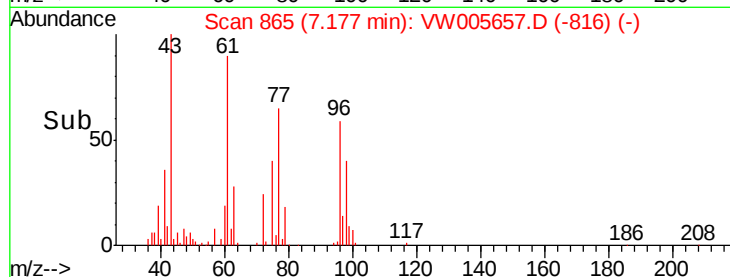
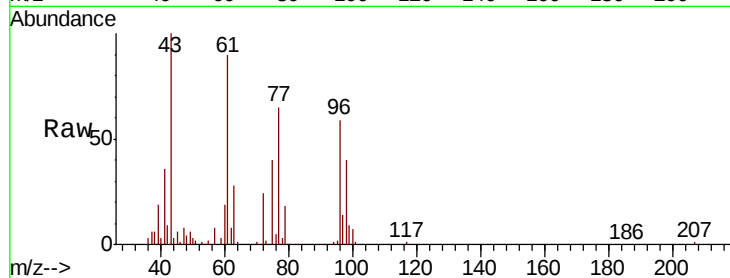
72 24.0 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 20.994 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW005657.D

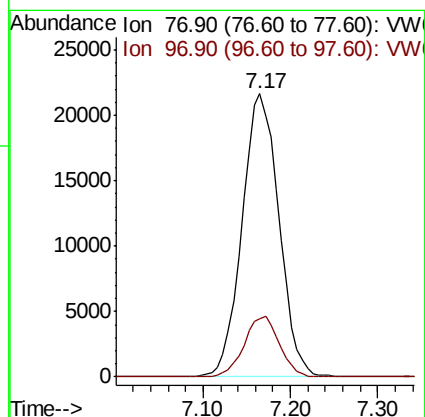
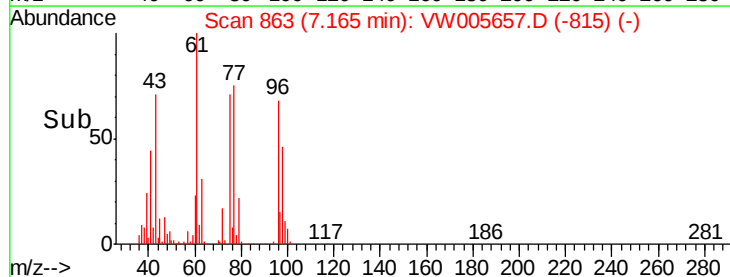
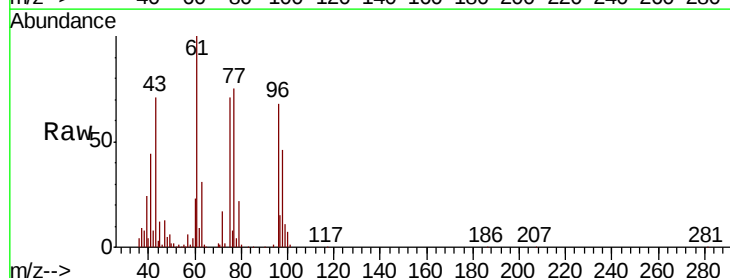
Acq: 26 Sep 2018 17:15

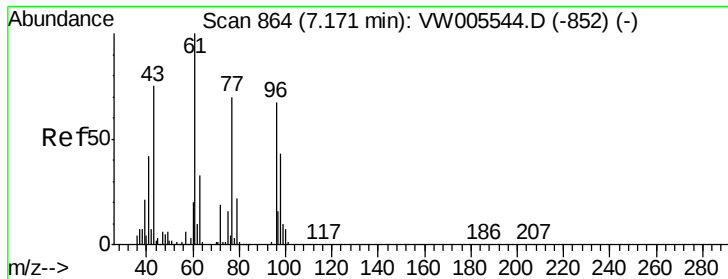
Tgt Ion: 77 Resp: 63459

Ion Ratio Lower Upper

77 100

97 20.4 11.0 33.0





#27

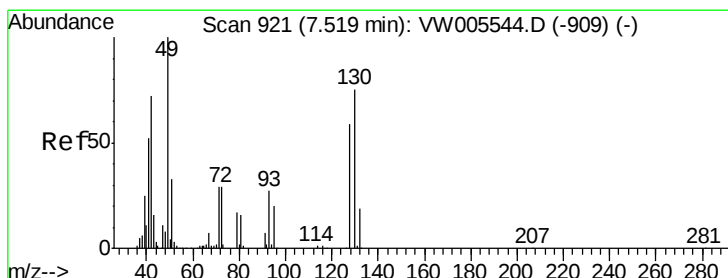
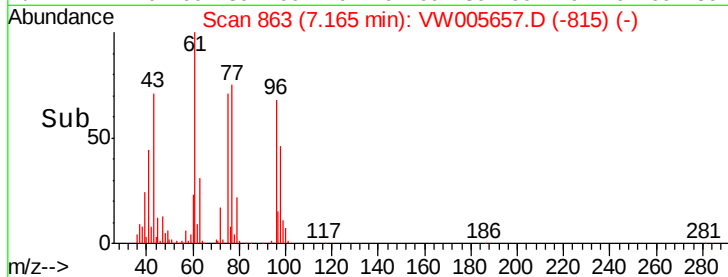
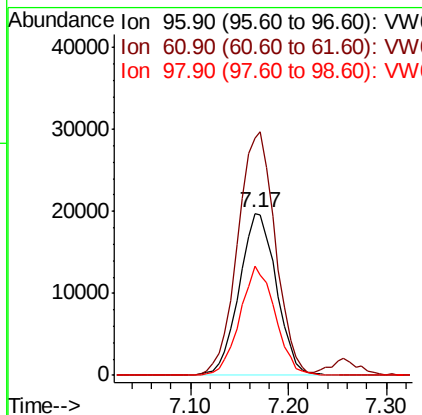
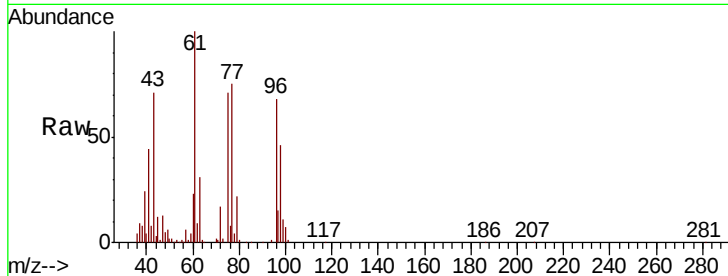
cis-1,2-Dichloroethene
Concen: 20.801 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.5	0.0	303.4
98	64.3	0.0	127.2

Manual Integrations
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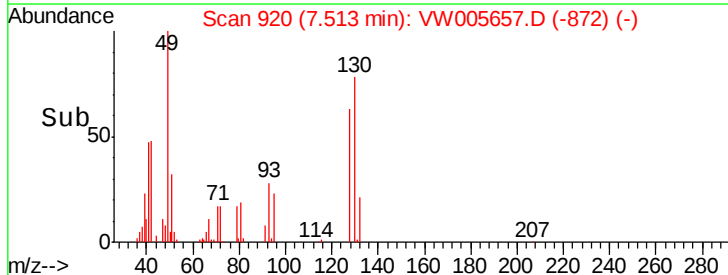
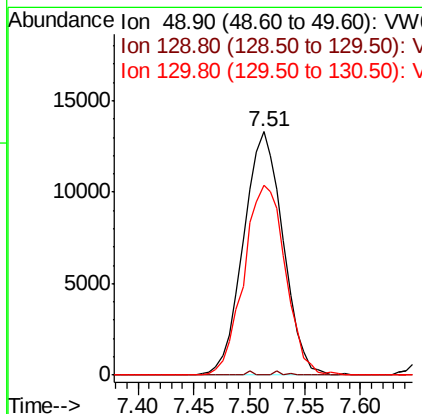
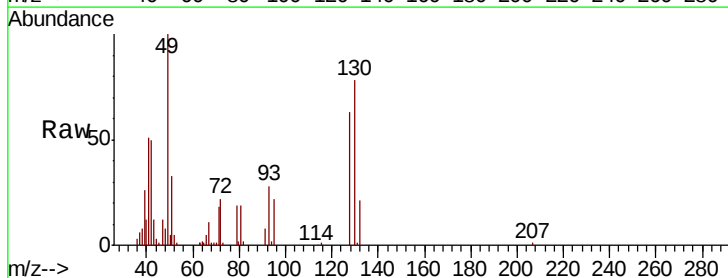
apatel
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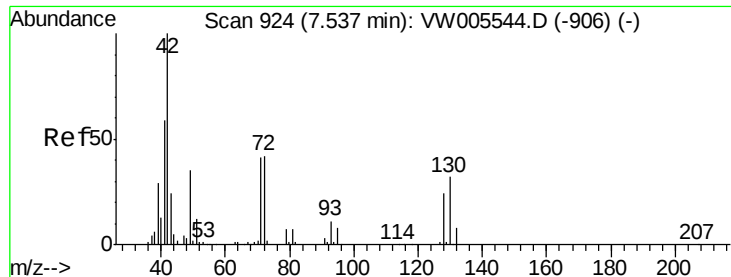


#28

Bromochloromethane
Concen: 19.180 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	1.4
130	81.9	61.3	91.9





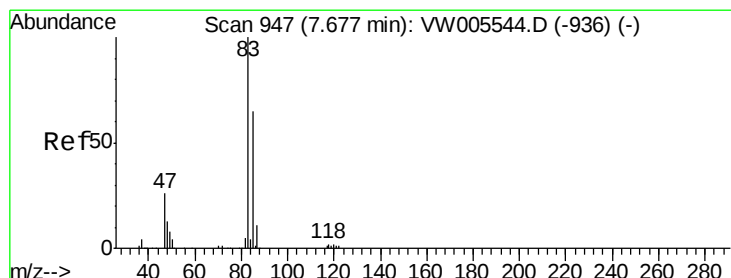
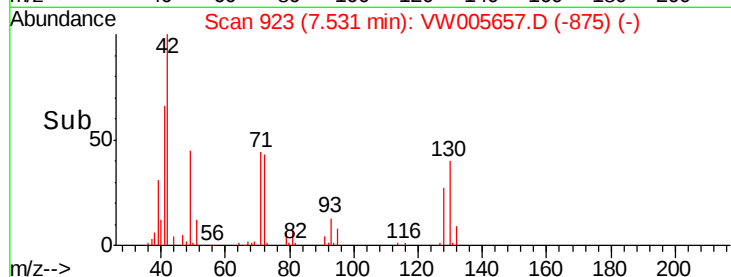
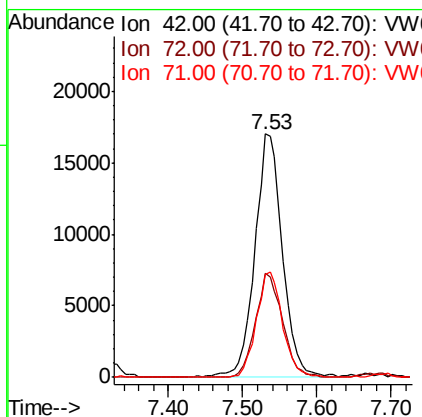
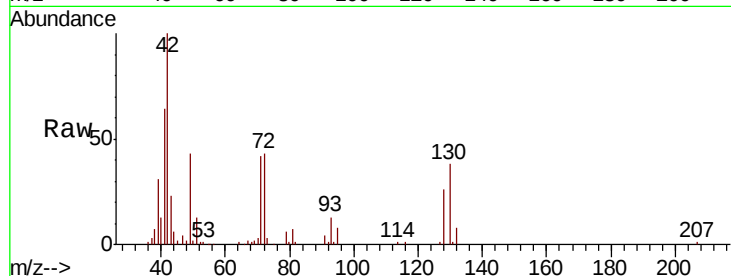
#29
Tetrahydrofuran
Concen: 108.853 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.6	50.4
71	41.0	31.8	47.6

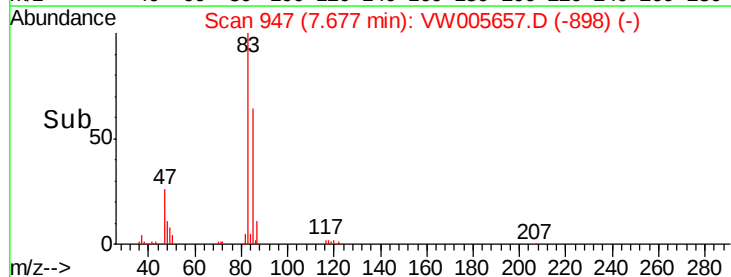
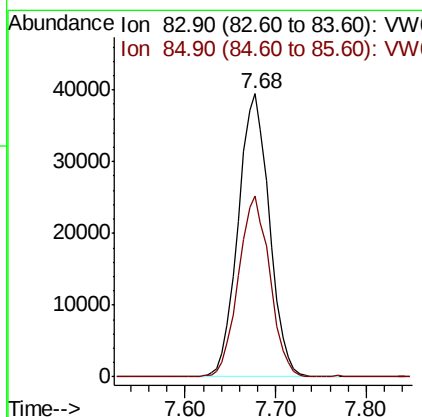
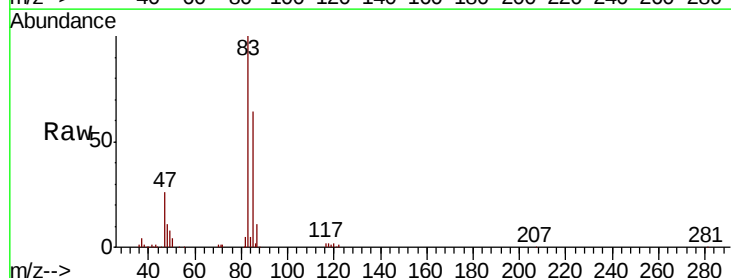
Manual Integrations
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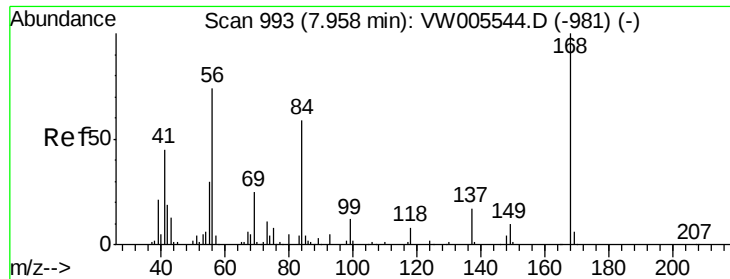
apatel
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#30
Chloroform
Concen: 21.034 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.8	77.6





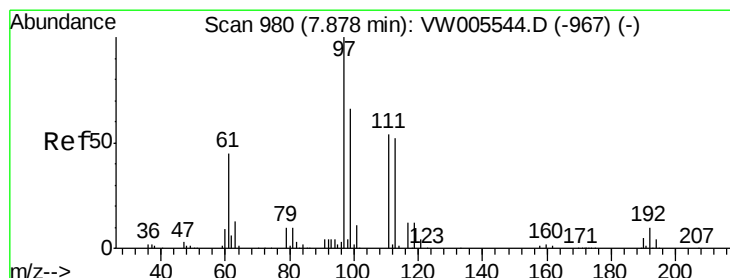
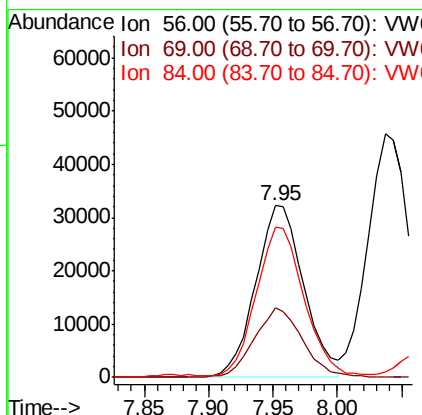
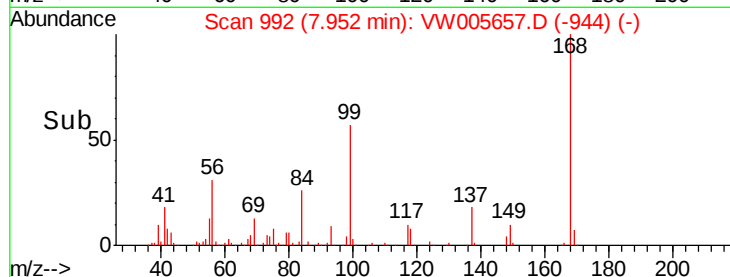
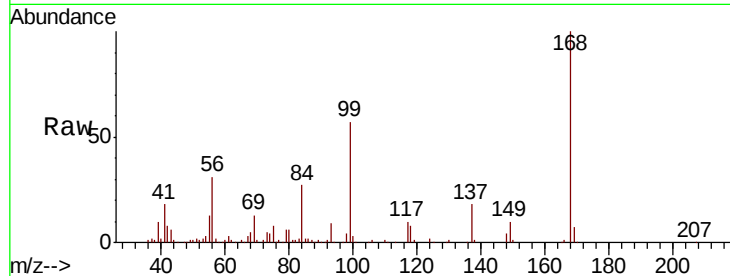
#31
Cyclohexane
Concen: 20.210 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.3	27.0	40.4
84	85.5	64.2	96.4

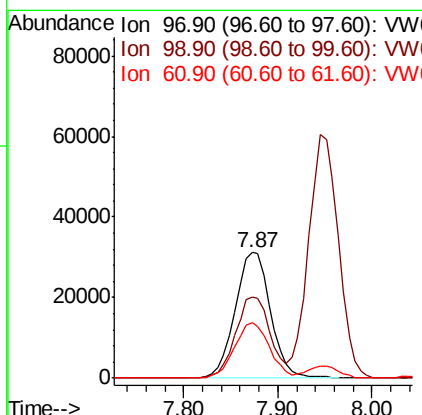
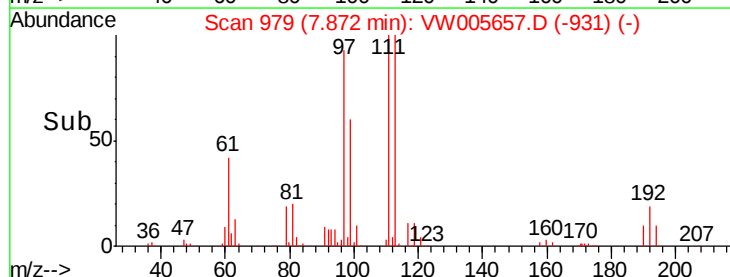
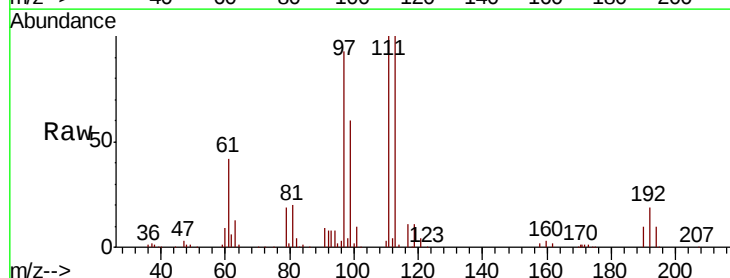
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 20.713 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.0	76.6
61	43.7	36.2	54.2





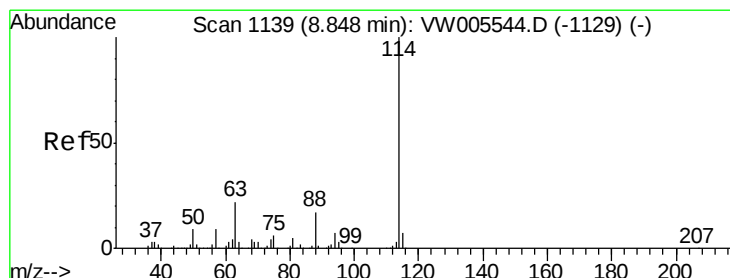
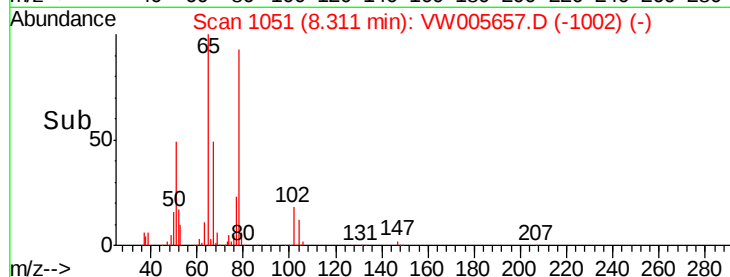
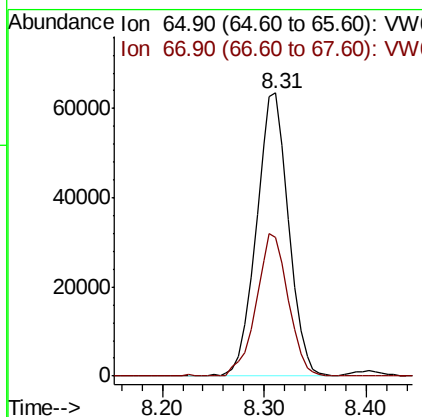
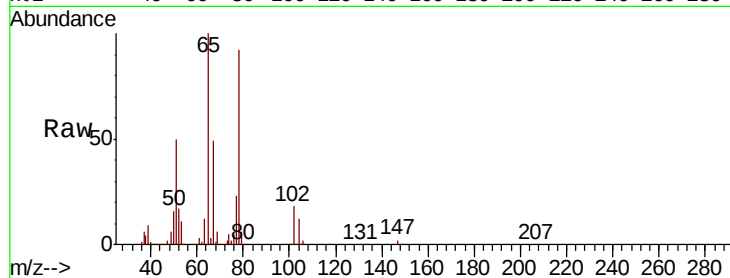
#33
 1,2-Dichloroethane-d4
 Concen: 51.925 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005657.D
 Acq: 26 Sep 2018 17:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	49.9	0.0	100.6	

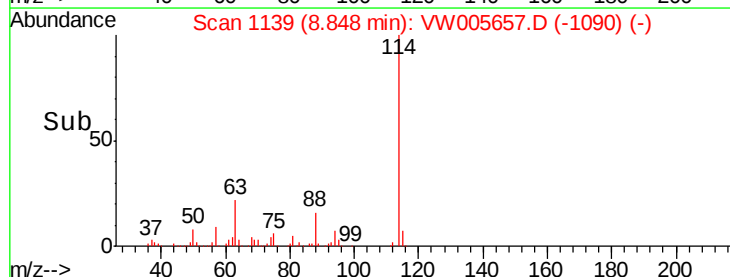
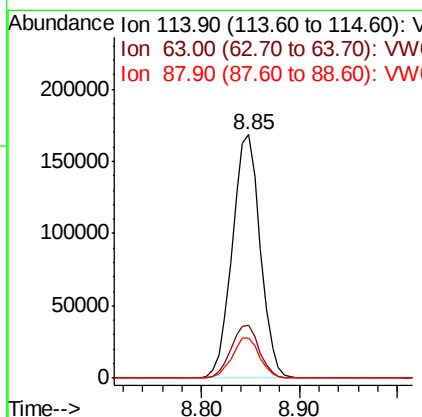
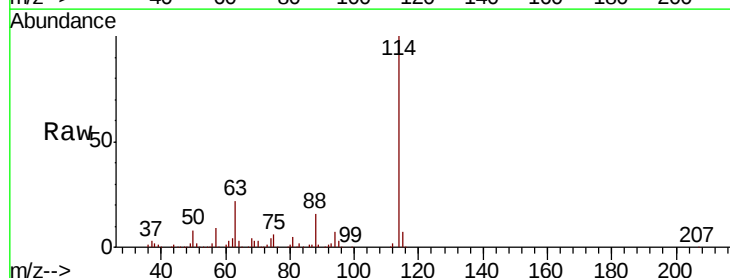
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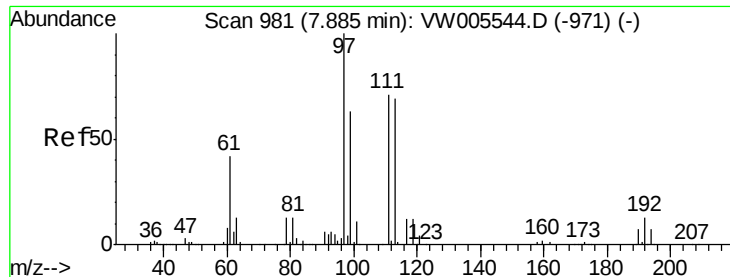
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005657.D
 Acq: 26 Sep 2018 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.9	0.0	43.0	
88	16.2	0.0	33.0	





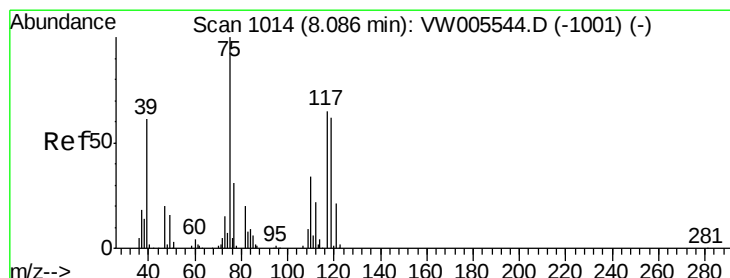
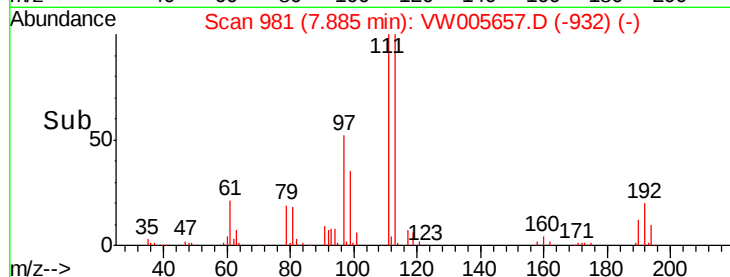
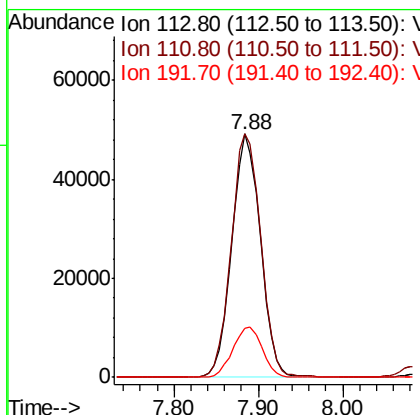
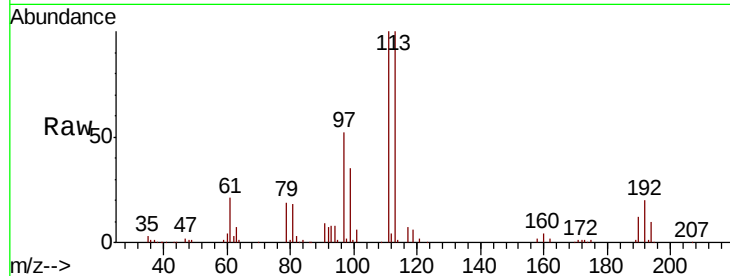
#35
 Dibromofluoromethane
 Concen: 53.727 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005657.D
 Acq: 26 Sep 2018 17:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	112671		
111	102.9	82.6	123.8	
192	21.1	17.0	25.4	

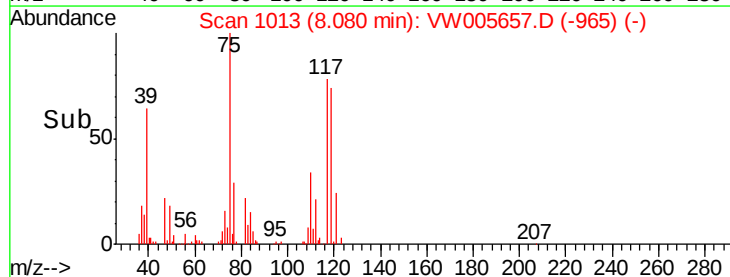
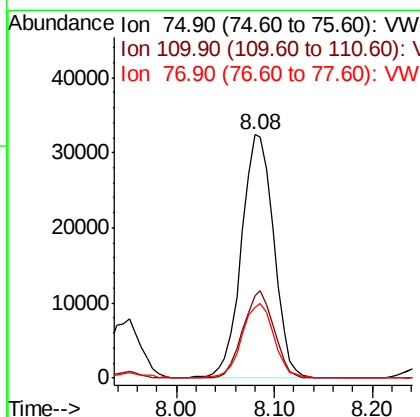
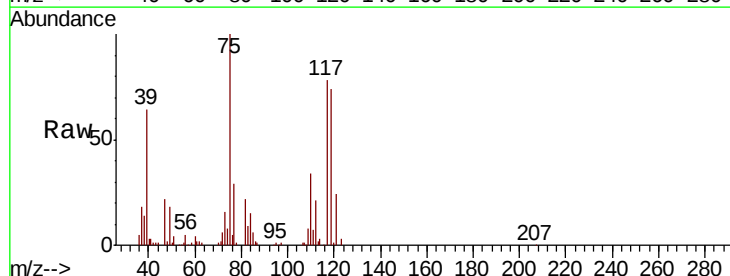
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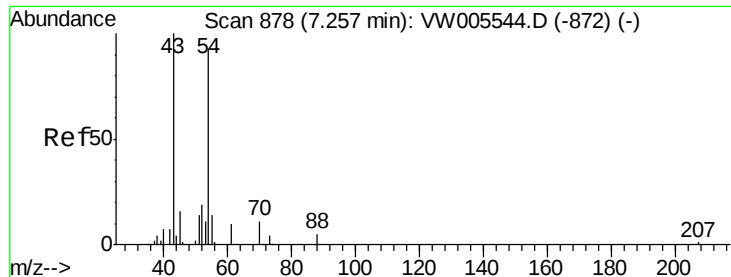
apatel
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#36
 1,1-Dichloropropene
 Concen: 22.201 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW005657.D
 Acq: 26 Sep 2018 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	74530		
110	34.4	17.0	50.9	
77	30.5	24.8	37.2	





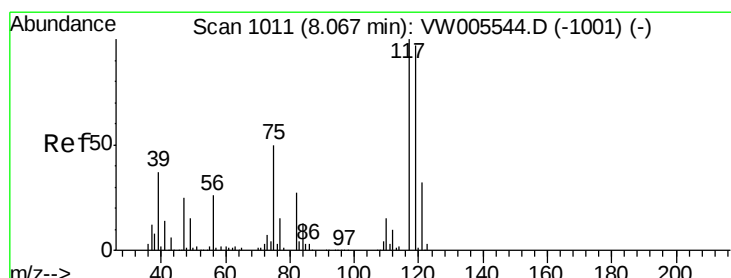
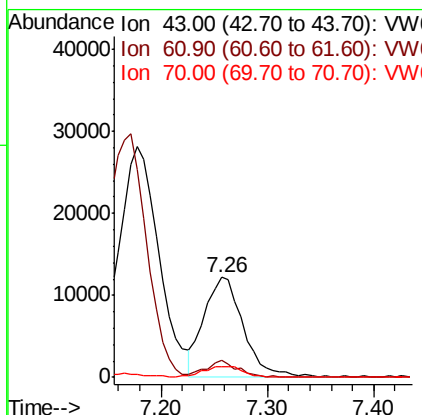
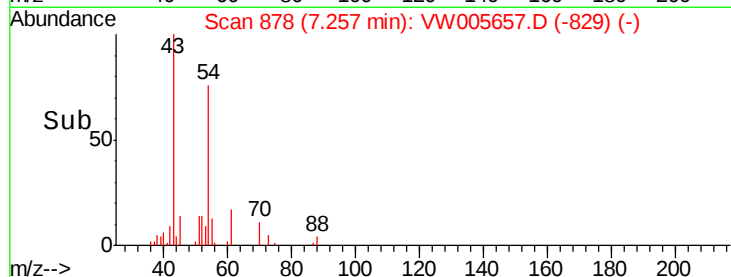
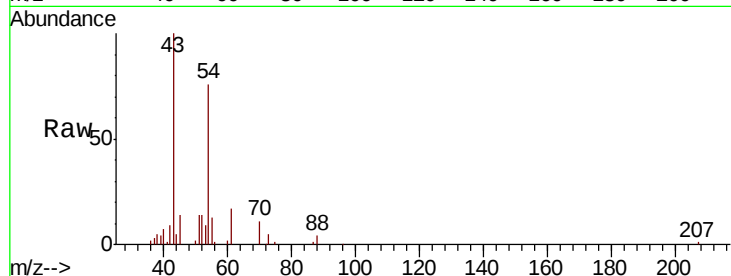
#37
Ethyl Acetate
Concen: 21.849 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.4	15.6
70	11.3	8.2	12.2

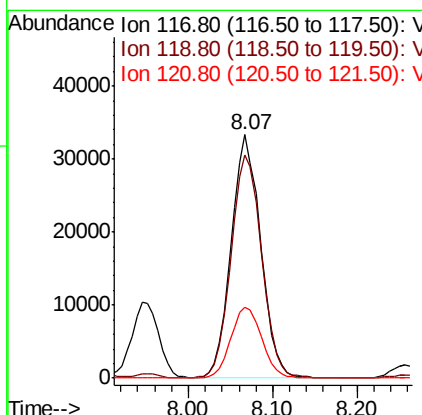
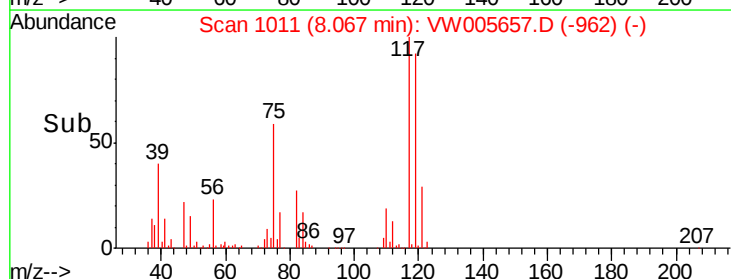
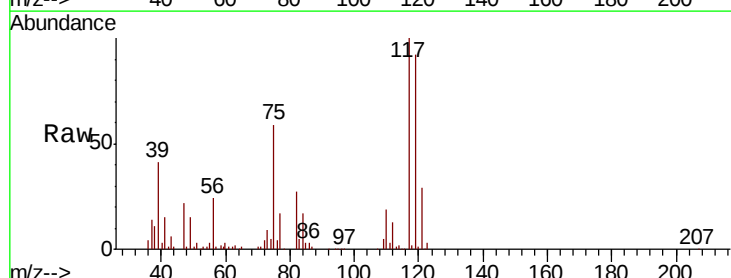
Manual Integrations
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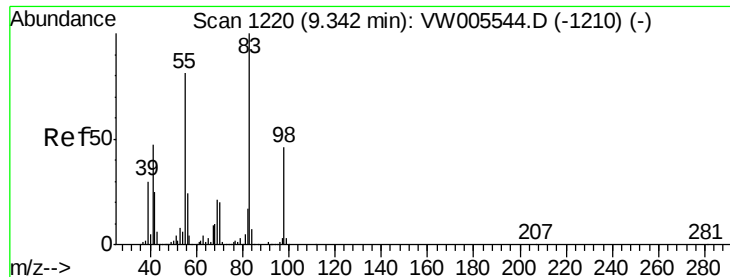
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#38
Carbon Tetrachloride
Concen: 21.960 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	77.6	116.4
121	28.9	25.7	38.5





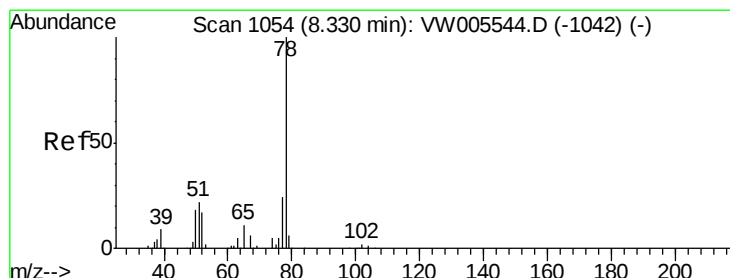
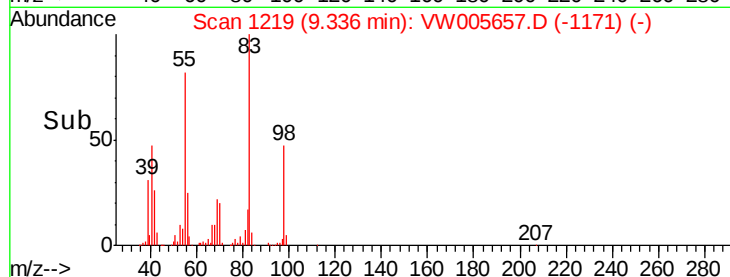
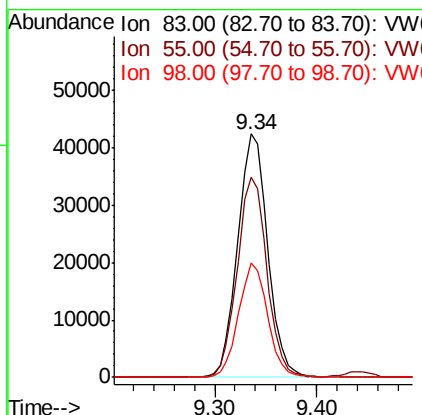
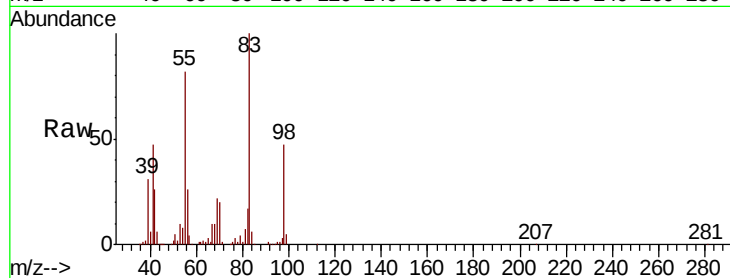
#39
Methvlcvclohexane
Concen: 21.819 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.3	64.6	97.0
98	46.7	37.0	55.6

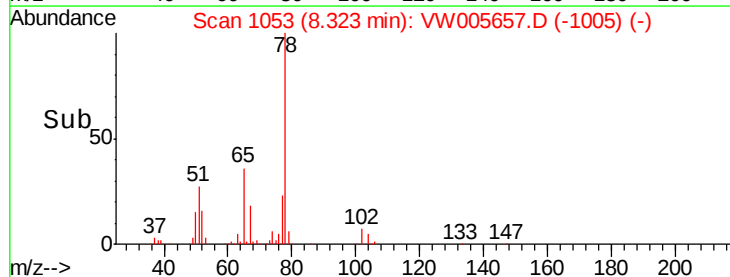
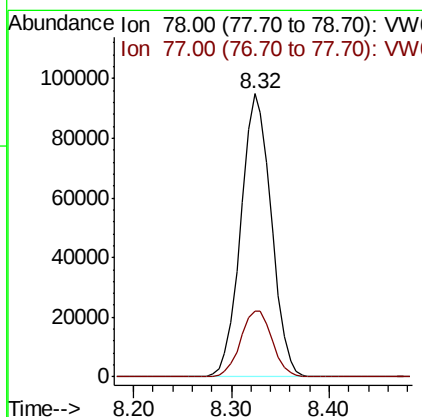
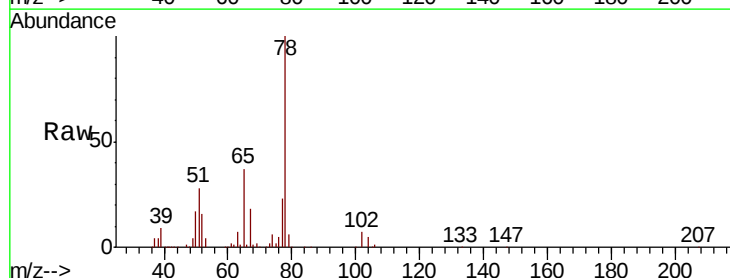
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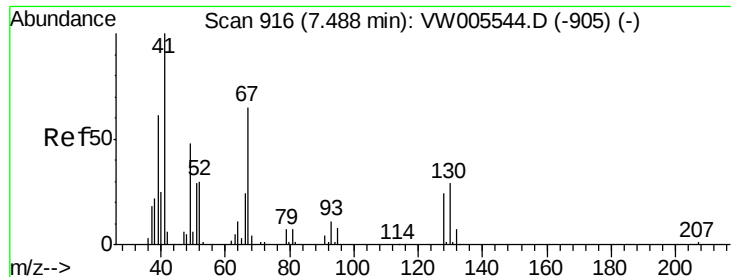
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#40
Benzene
Concen: 21.546 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4





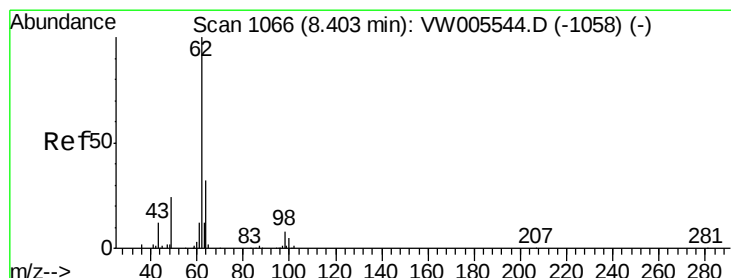
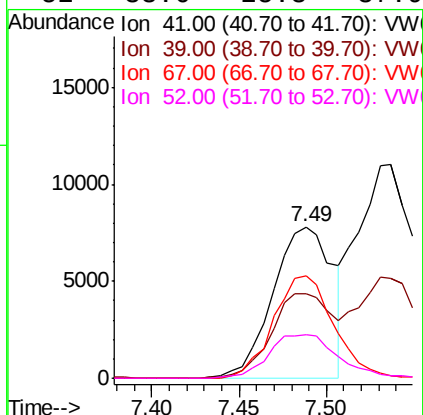
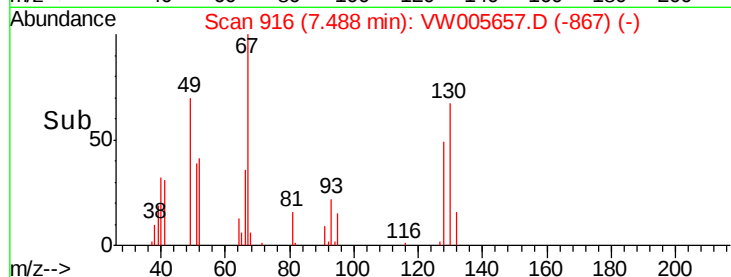
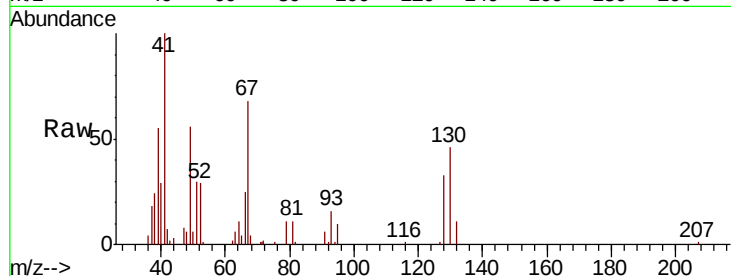
#41
Methacrylonitrile
Concen: 23.208 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion	41	Resp:	18657
Ion Ratio	Lower	Upper	
41	100		
39	56.8	45.4	68.2
67	68.4	55.2	82.8
52	33.6	25.3	37.9

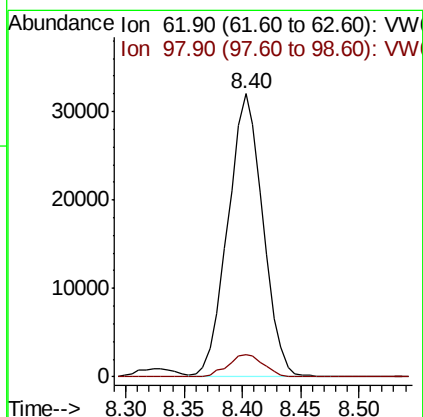
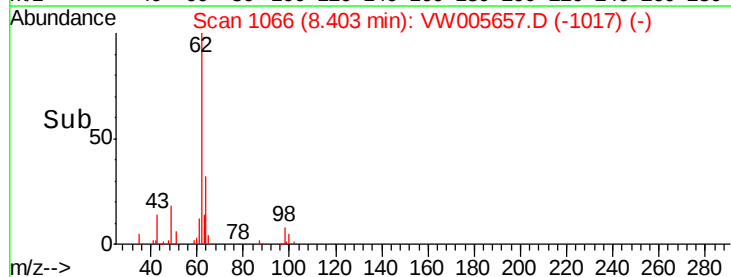
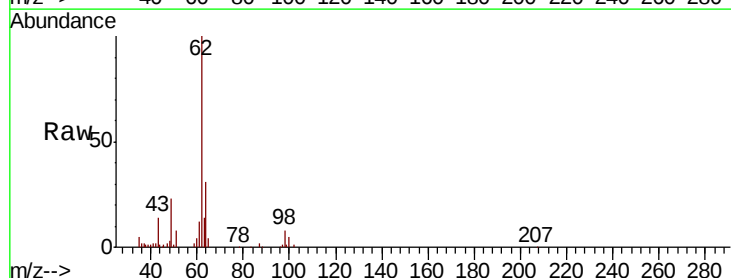
Manual Integrations
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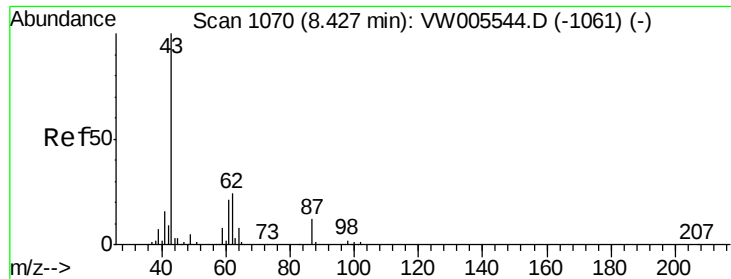
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#42
1,2-Dichloroethane
Concen: 21.980 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Tgt Ion	62	Resp:	66934
Ion Ratio	Lower	Upper	
62	100		
98	8.2	0.0	15.6





#43

Isopropyl Acetate

Concen: 22.060 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

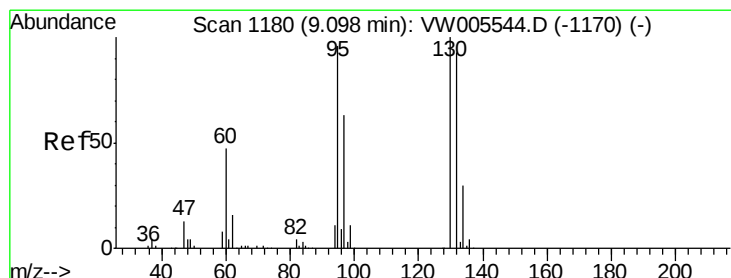
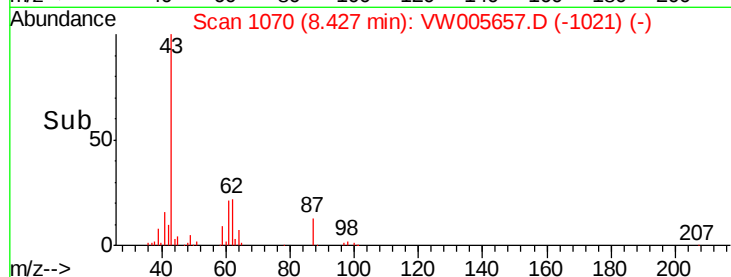
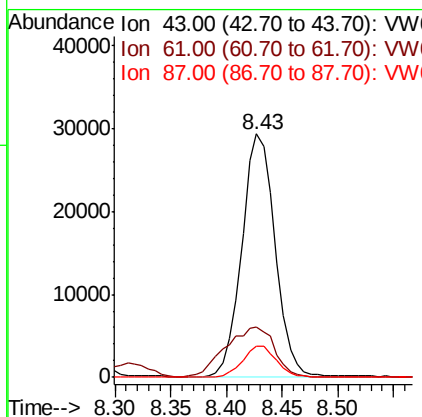
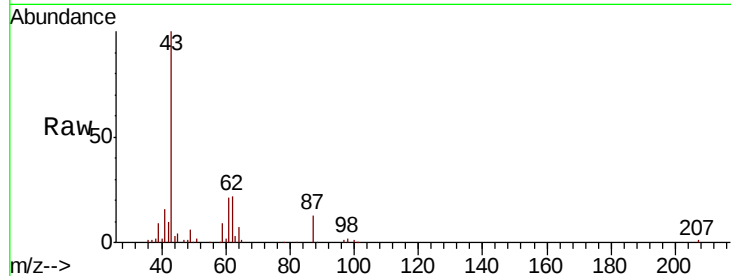
ClientSampleId :

VW0926SBS01

Tot Ion:	43	Resp:	61272
Ion	Ratio	Lower	Upper
43	100		
61	30.1	24.1	36.1
87	13.1	9.8	14.8

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#44

Trichloroethene

Concen: 21.922 ug/l

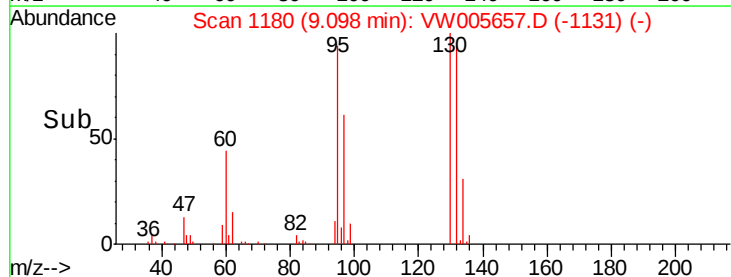
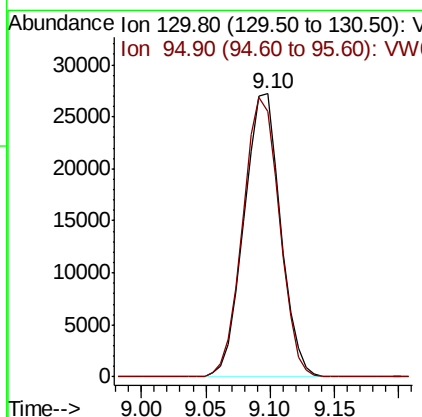
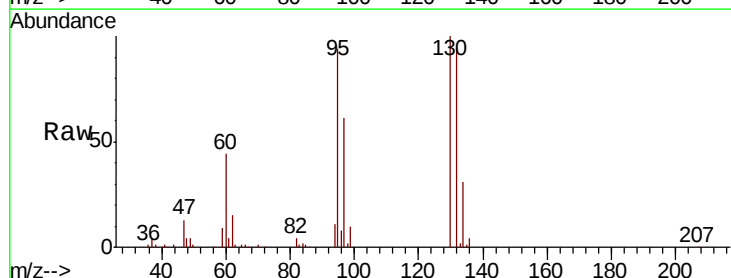
RT: 9.10 min Scan# 1180

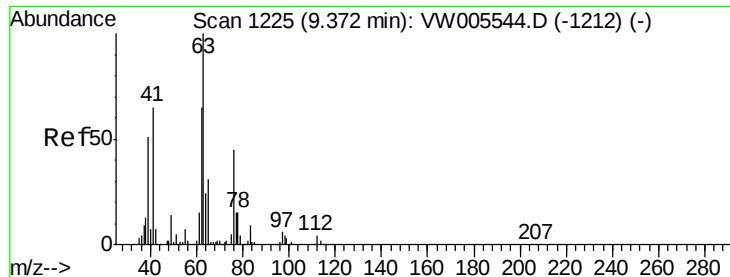
Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Tgt Ion:	130	Resp:	53371
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	191.2





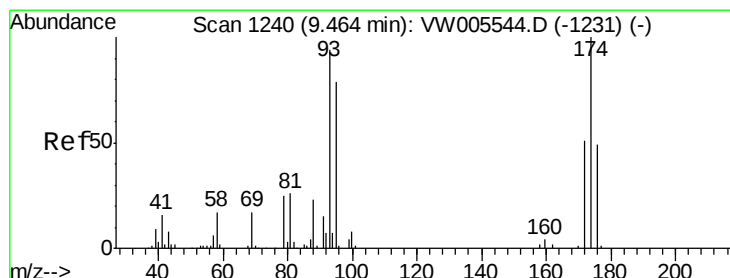
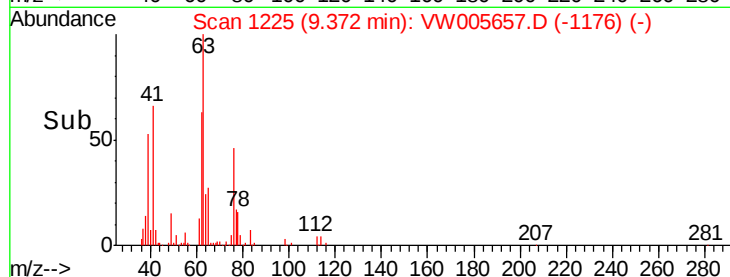
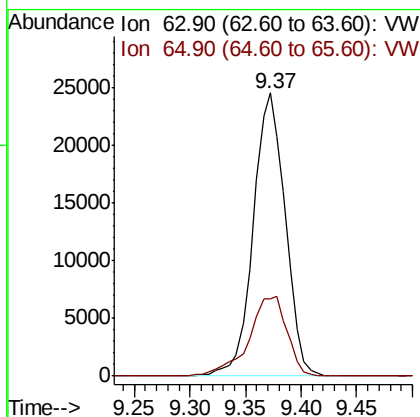
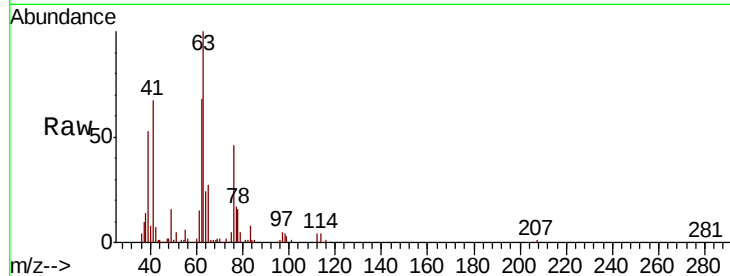
#45
 1,2-Dichloropropane
 Concen: 20.974 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW005657.D
 Acq: 26 Sep 2018 17:15

Instrument :
 MSVOA_W
 ClientSampled :
 VW0926SBS01

Tot Ion: 63 Resp: 49080
 Ion Ratio Lower Upper
 63 100
 65 27.4 24.7 37.1

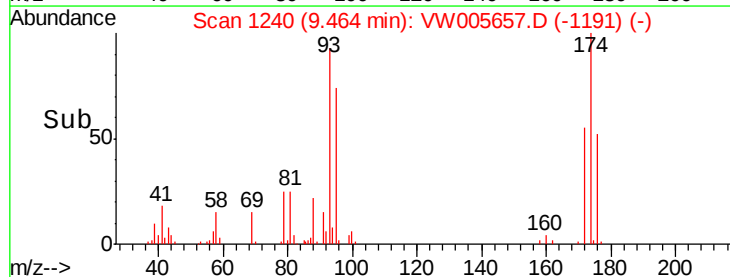
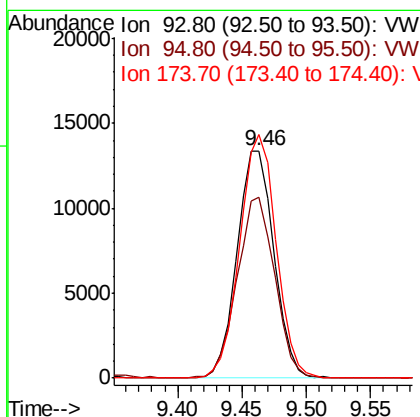
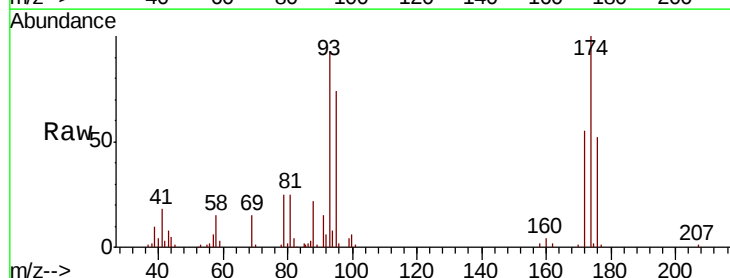
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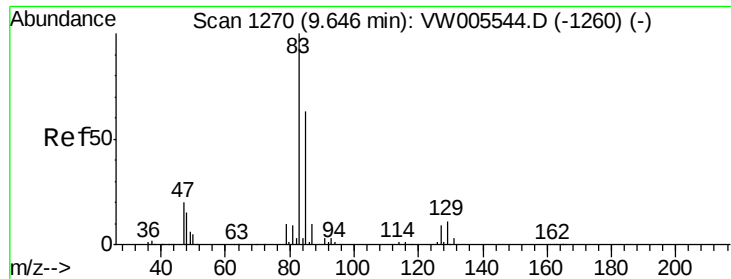
apatel
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#46
 Dibromomethane
 Concen: 22.660 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005657.D
 Acq: 26 Sep 2018 17:15

Tgt Ion: 93 Resp: 26494
 Ion Ratio Lower Upper
 93 100
 95 81.0 65.8 98.8
 174 105.8 84.0 126.0





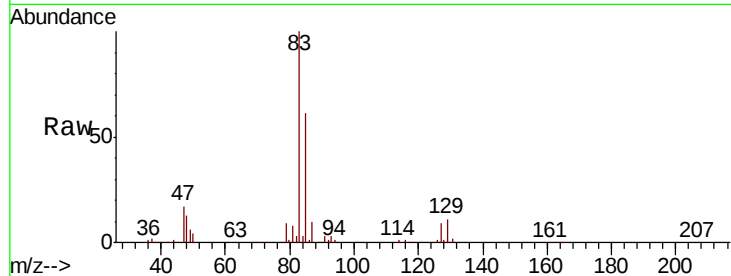
#47
Bromodichloromethane
Concen: 21.723 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

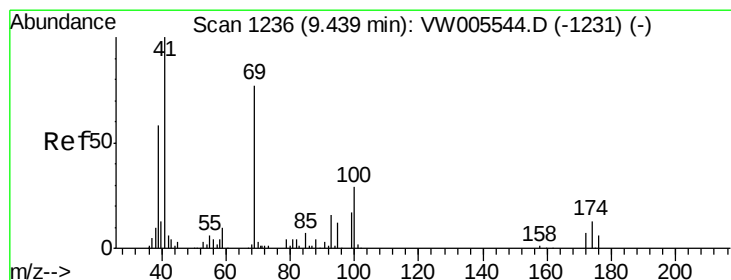
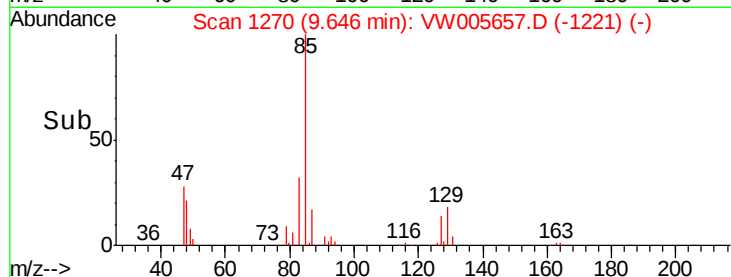
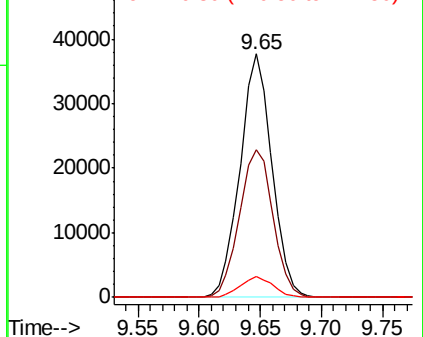
Tot Ion	83	Resp	68227
Ion Ratio	100	Lower	Upper
83	100		
85	60.8	50.5	75.7
127	8.6	7.0	10.6

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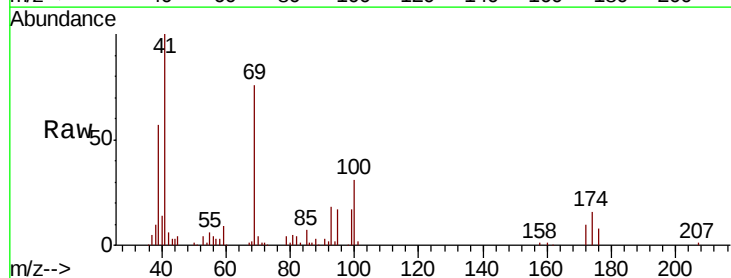


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW

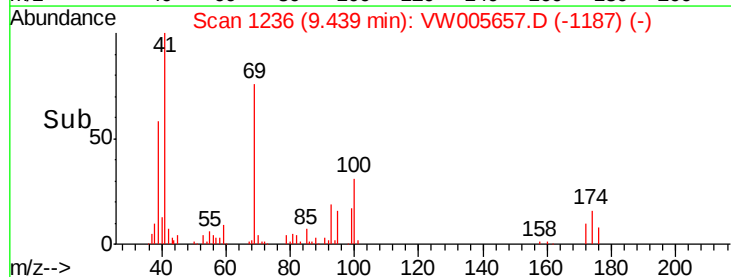
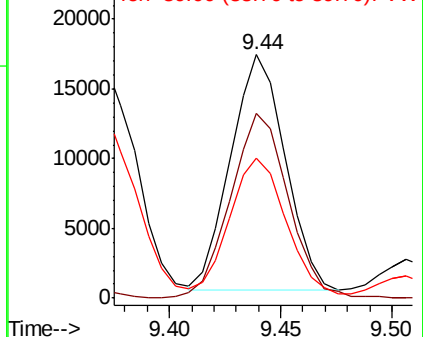


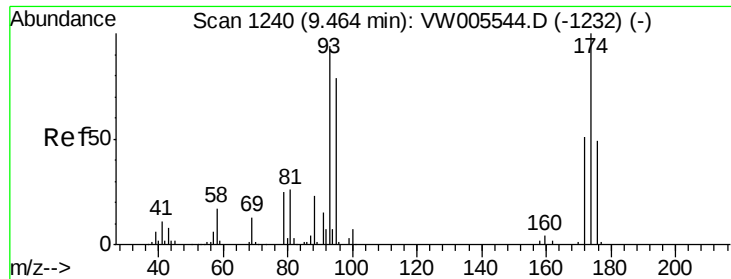
#48
Methyl methacrylate
Concen: 21.845 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Tgt Ion	41	Resp	28819
Ion Ratio	100	Lower	Upper
41	100		
69	83.2	64.7	97.1
39	62.6	50.5	75.7



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





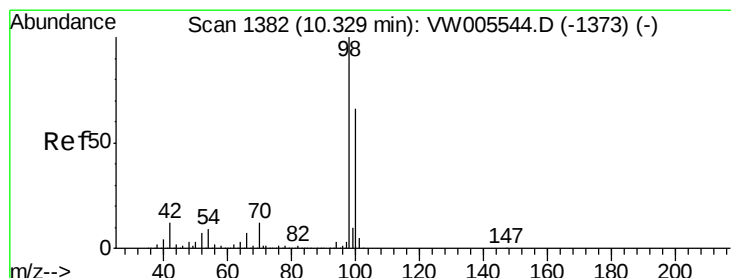
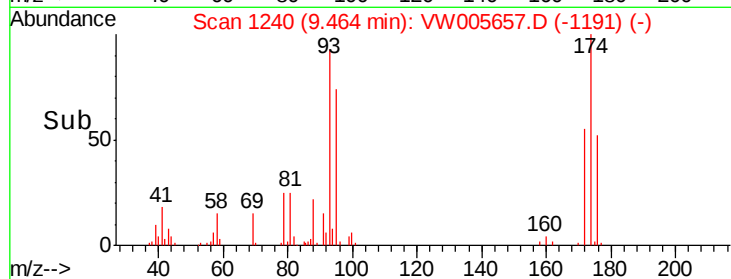
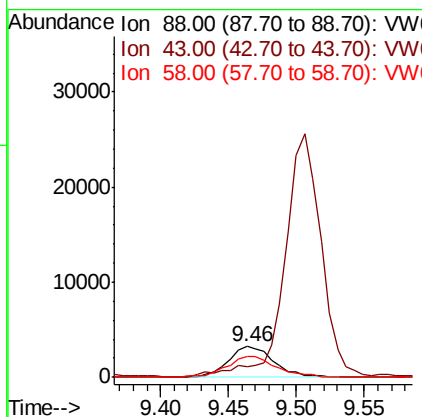
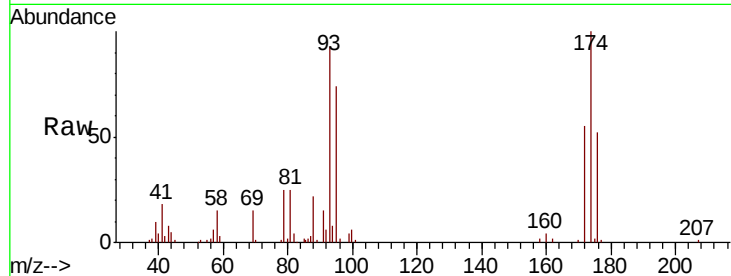
#49
1,4-Dioxane
Concen: 402.178 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion	88	Resp	7476
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	76.9	61.2	91.8

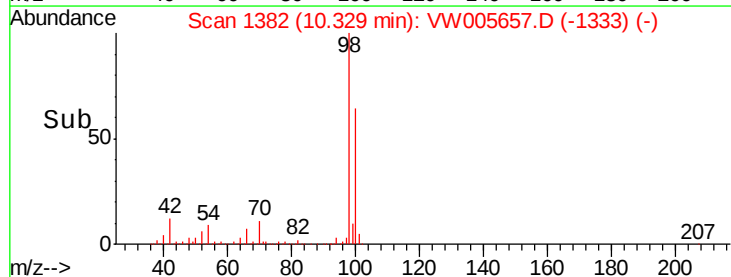
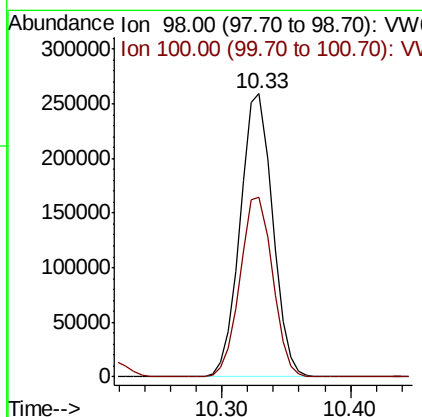
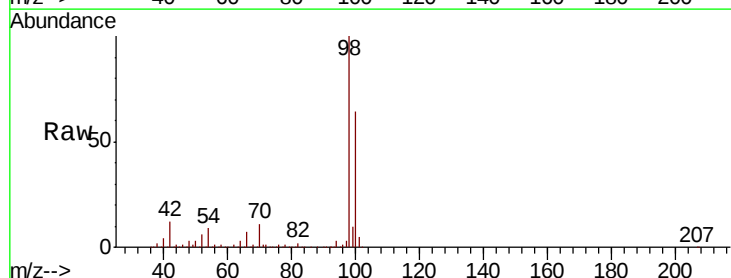
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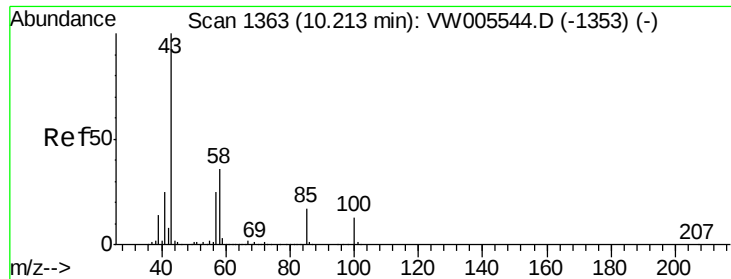
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#50
Toluene-d8
Concen: 52.874 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Tgt Ion	98	Resp	451490
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 113.229 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

ClientSampled :

VW0926SBS01

Tot Ion: 43 Resp: 158400

Ion Ratio Lower Upper

43 100

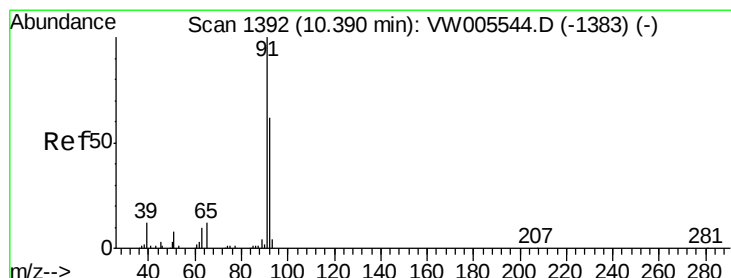
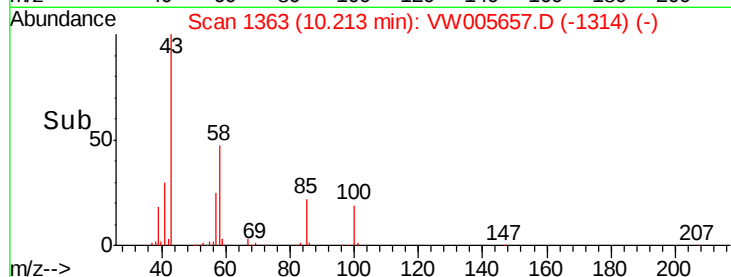
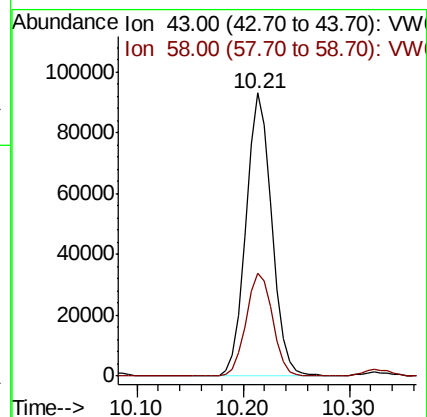
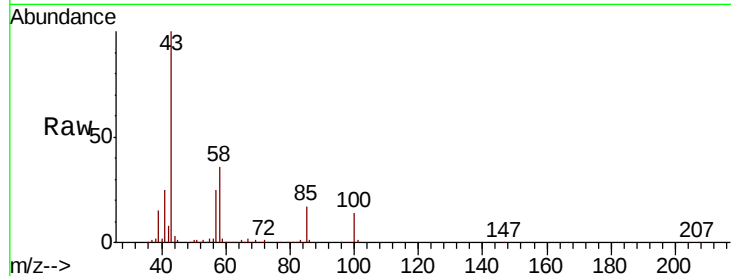
58 37.5 30.0 45.0

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#52

Toluene

Concen: 21.888 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW005657.D

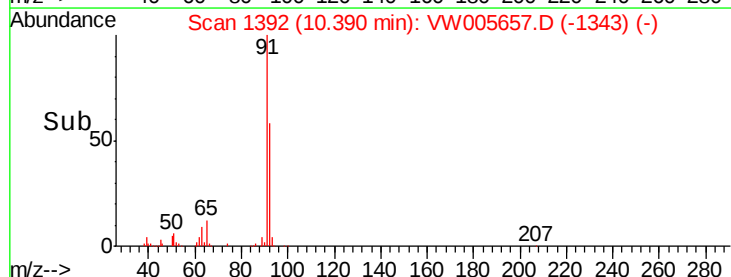
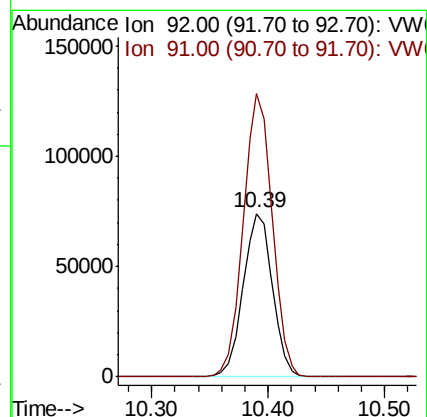
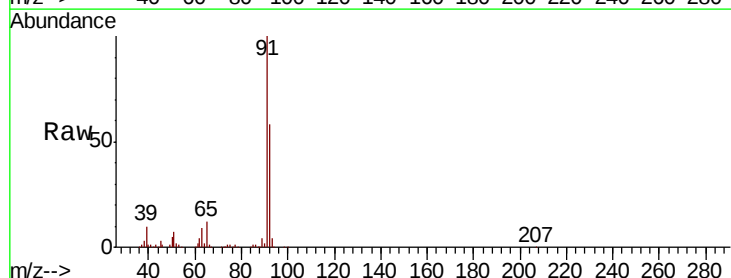
Acq: 26 Sep 2018 17:15

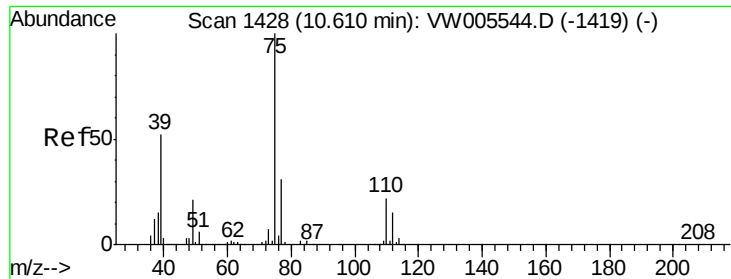
Tgt Ion: 92 Resp: 129901

Ion Ratio Lower Upper

92 100

91 171.8 137.1 205.7





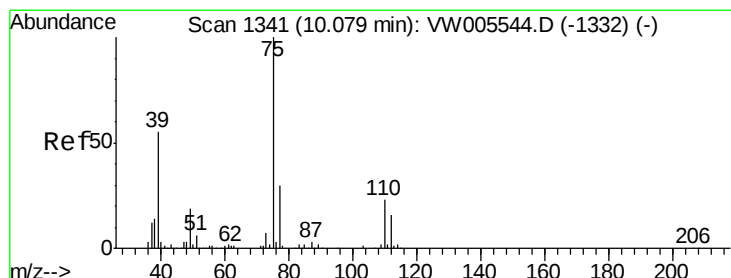
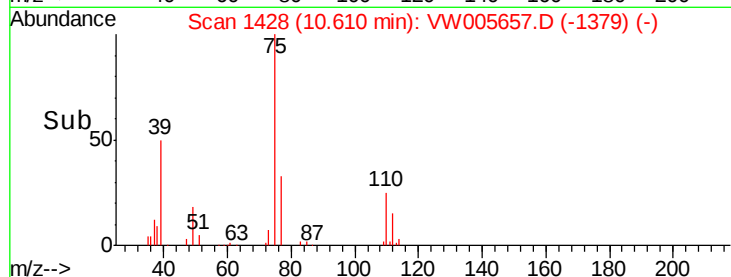
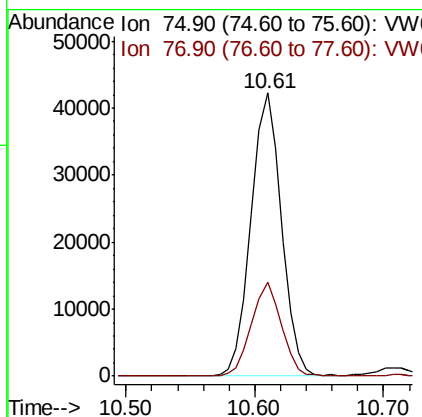
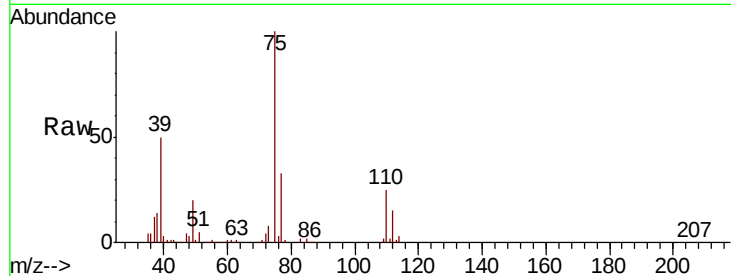
#53
 t-1,3-Dichloropropene
 Concen: 21.948 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW005657.D
 Acq: 26 Sep 2018 17:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

Tot Ion: 75 Resp: 69106
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.6 37.0

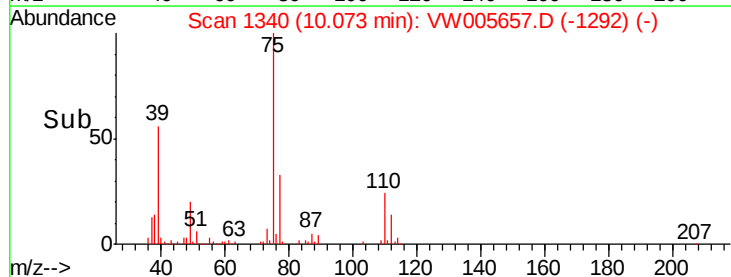
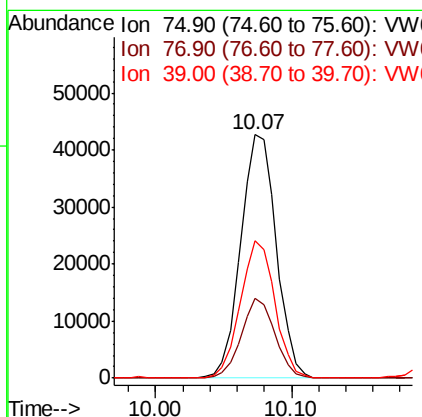
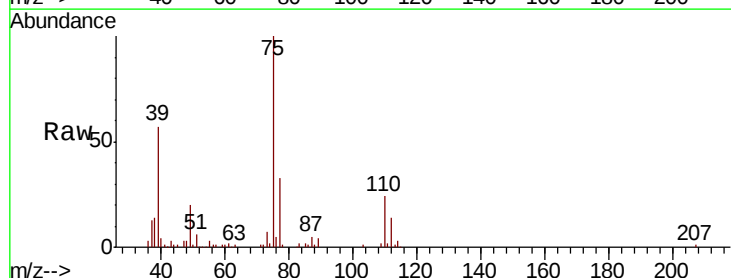
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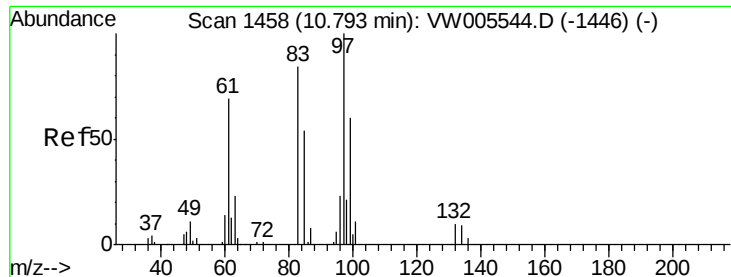
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#54
 cis-1,3-Dichloropropene
 Concen: 22.038 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW005657.D
 Acq: 26 Sep 2018 17:15

Tgt Ion: 75 Resp: 77746
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.3 36.5
 39 56.7 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 22.361 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

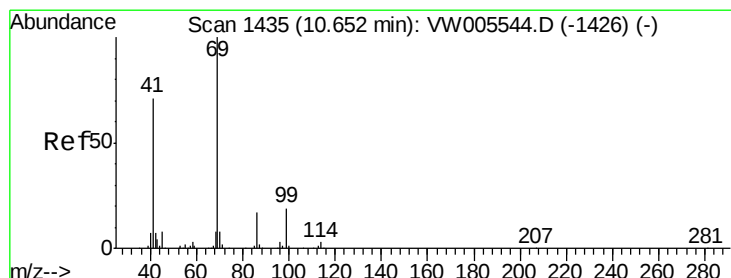
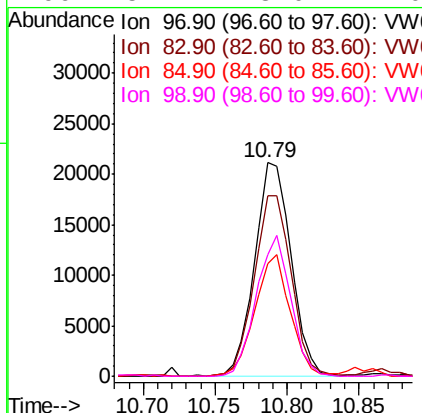
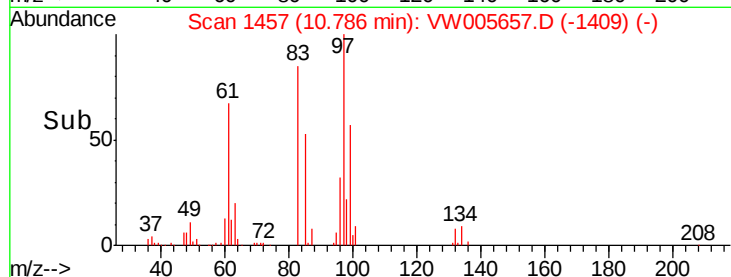
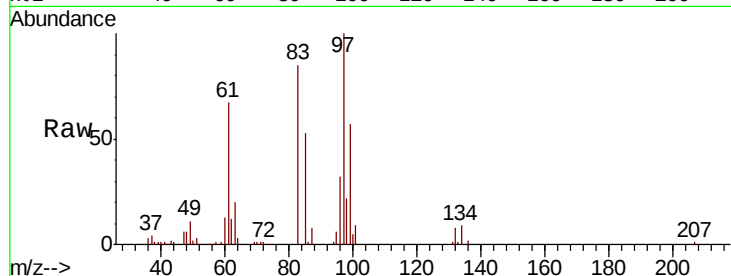
ClientSampleId :

VW0926SBS01

Tot Ion:	97	Resp:	37112
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.4	101.2
85	52.9	43.3	64.9
99	57.2	48.0	72.0

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#56

Ethyl methacrylate

Concen: 22.763 ug/l

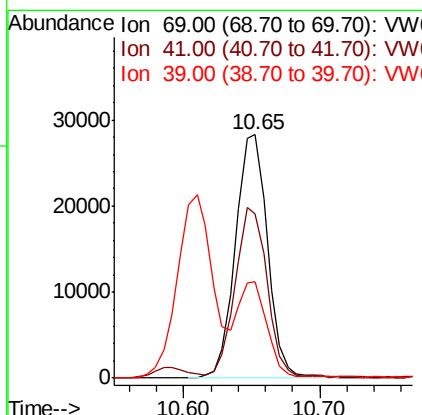
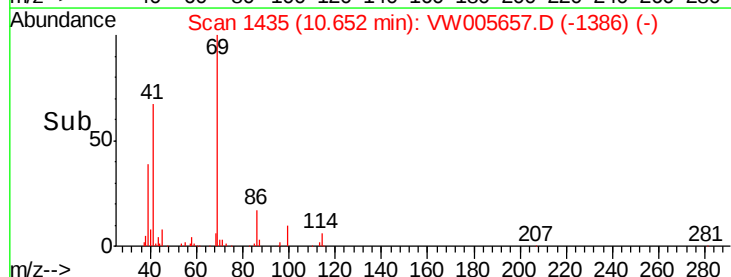
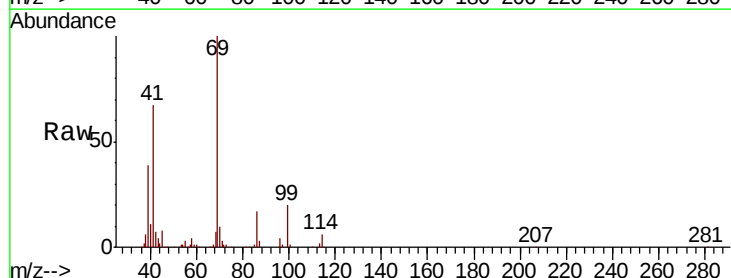
RT: 10.65 min Scan# 1435

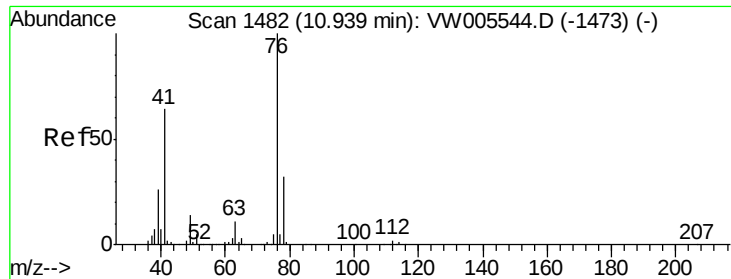
Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Tgt Ion:	69	Resp:	46636
Ion	Ratio	Lower	Upper
69	100		
41	69.9	57.3	85.9
39	34.2	29.2	43.8





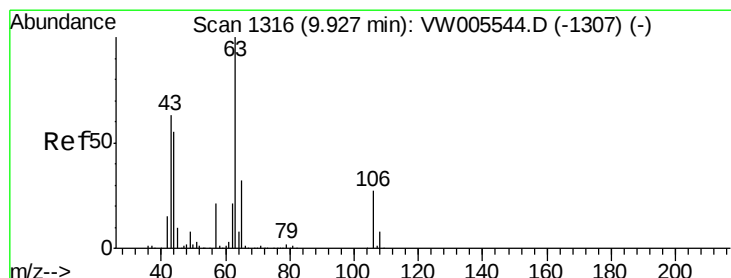
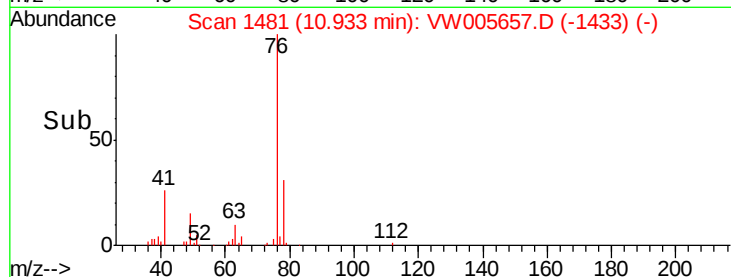
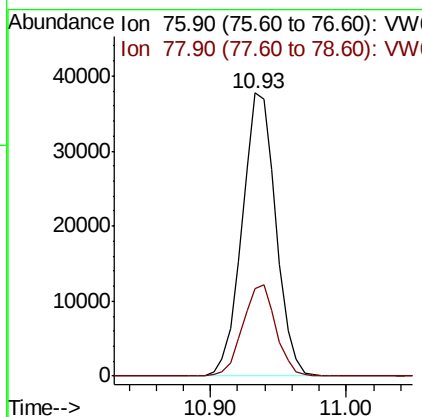
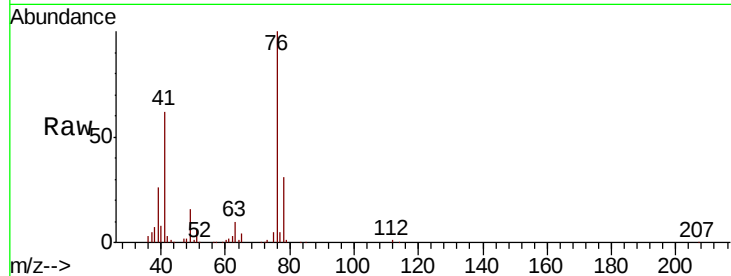
#57
 1,3-Dichloropropane
 Concen: 22.230 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW005657.D
 Acq: 26 Sep 2018 17:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

Tot Ion: 76 Resp: 65388
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.6 38.4

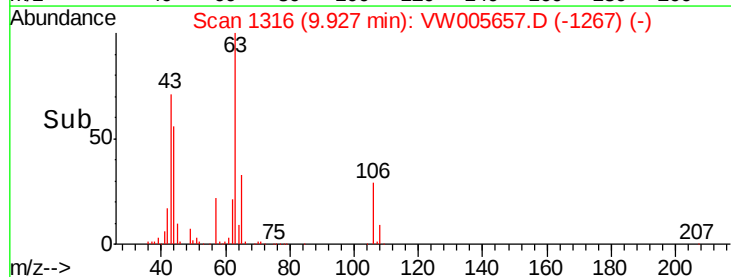
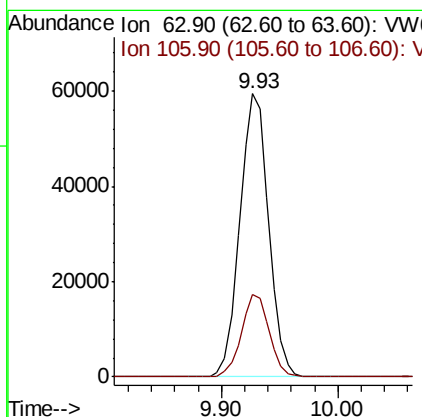
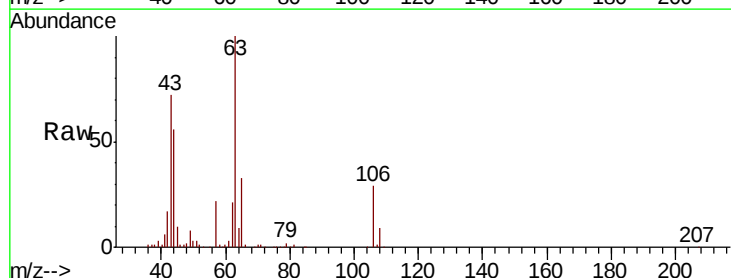
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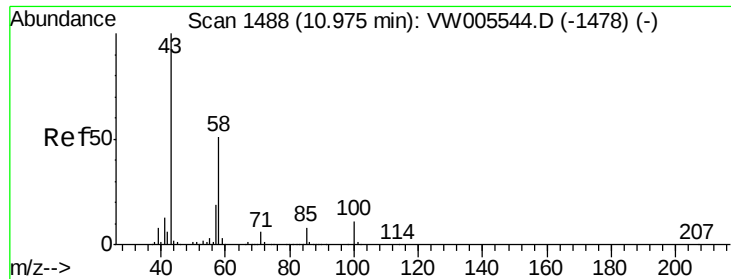
apatel
 9/27/2018 10:33:39 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.001 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW005657.D
 Acq: 26 Sep 2018 17:15

Tgt Ion: 63 Resp: 102160
 Ion Ratio Lower Upper
 63 100
 106 28.1 21.6 32.4





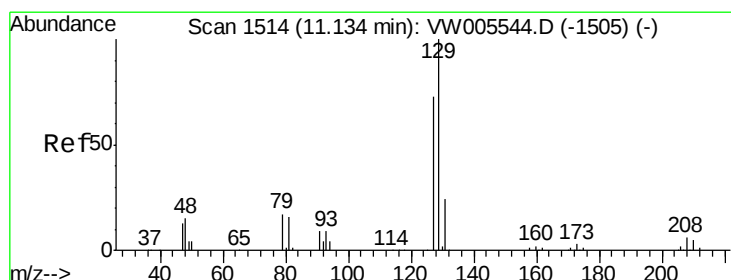
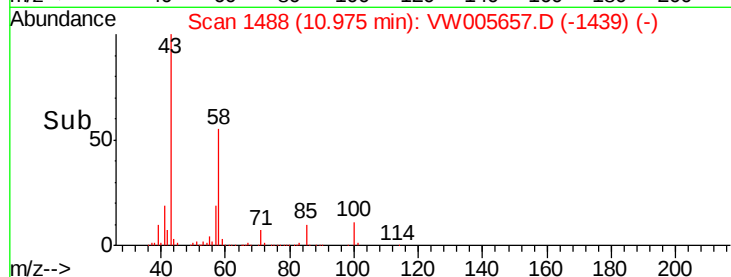
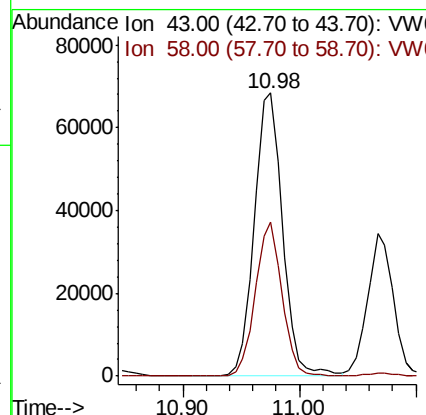
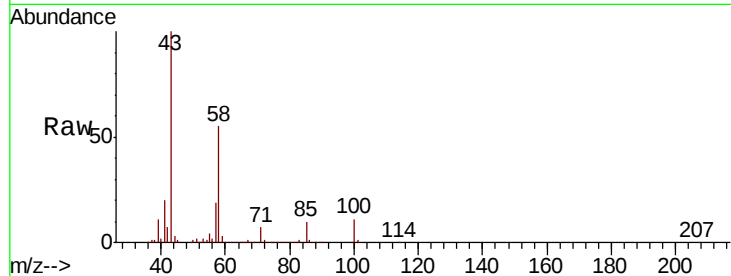
#59
2-Hexanone
Concen: 122.557 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion: 43 Resp: 116470
Ion Ratio Lower Upper
43 100
58 50.8 25.3 75.9

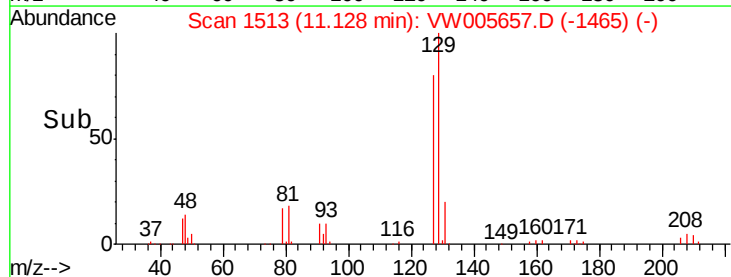
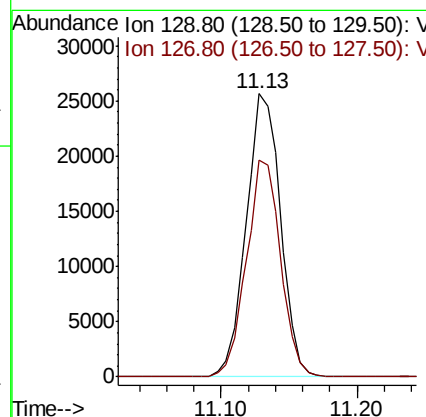
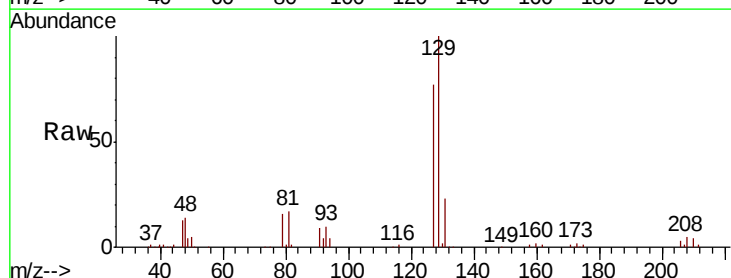
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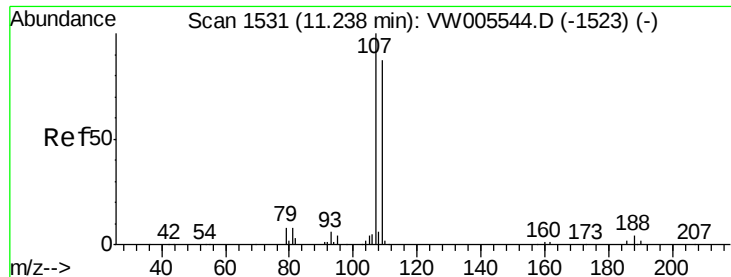
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#60
Dibromochloromethane
Concen: 22.675 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Tgt Ion: 129 Resp: 45470
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 21.884 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBS01

Tot Ion:107 Resp: 33863

Ion Ratio Lower Upper

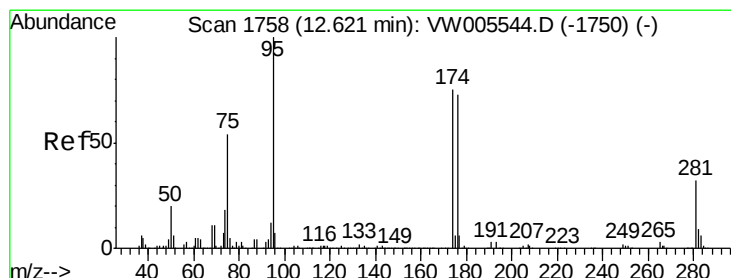
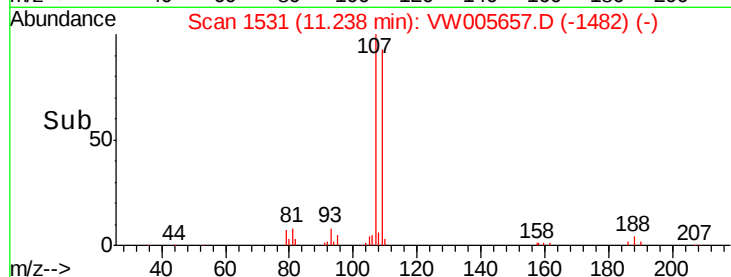
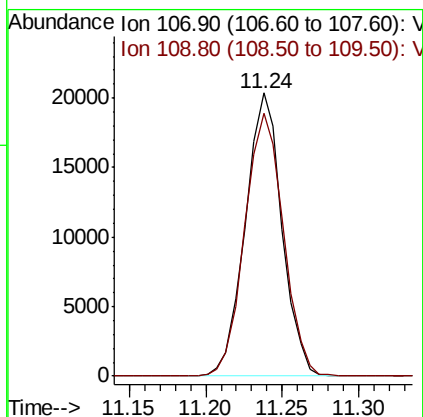
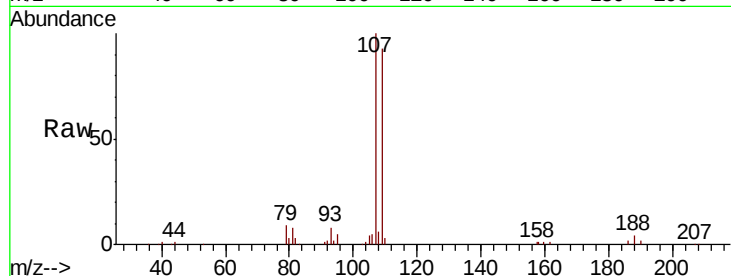
107 100

109 98.0 73.4 110.0

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#62

4-Bromofluorobenzene

Concen: 54.323 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

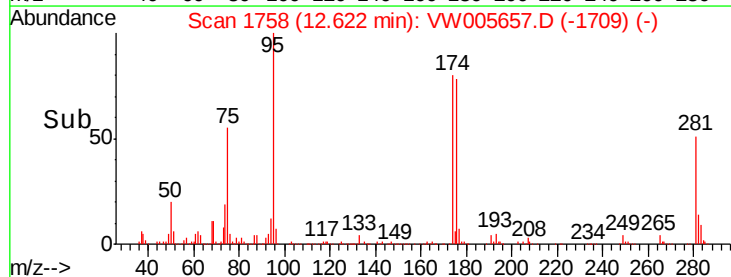
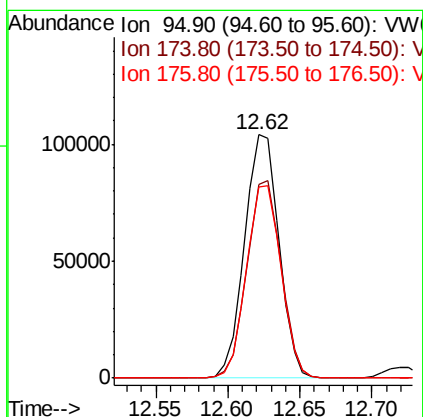
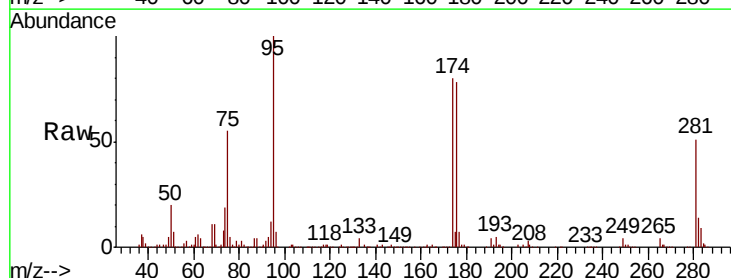
Tgt Ion: 95 Resp: 171640

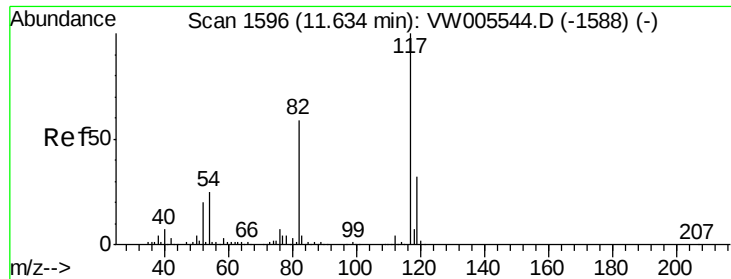
Ion Ratio Lower Upper

95 100

174 80.8 0.0 163.8

176 79.5 0.0 158.0





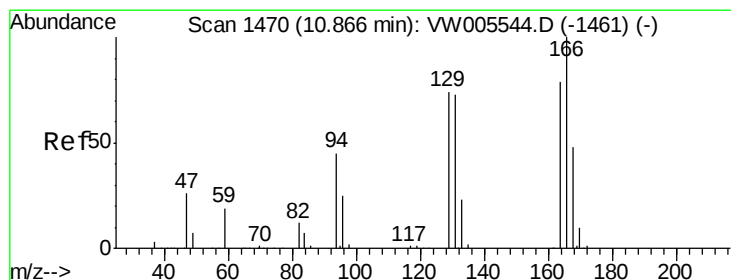
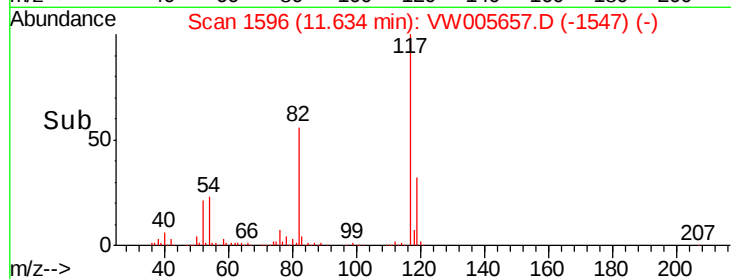
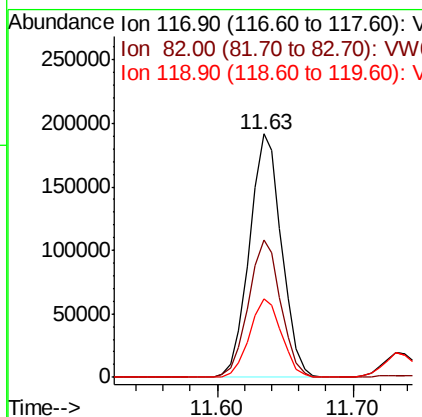
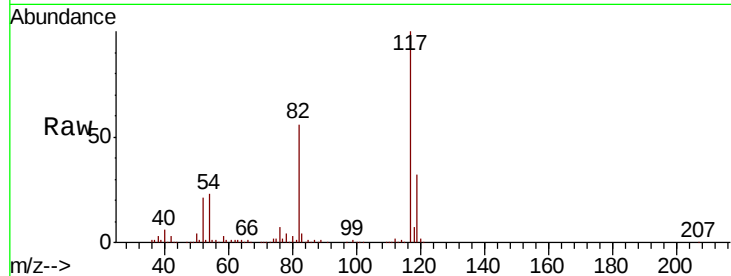
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	317557		
82	56.4	46.9	70.3	
119	32.2	25.7	38.5	

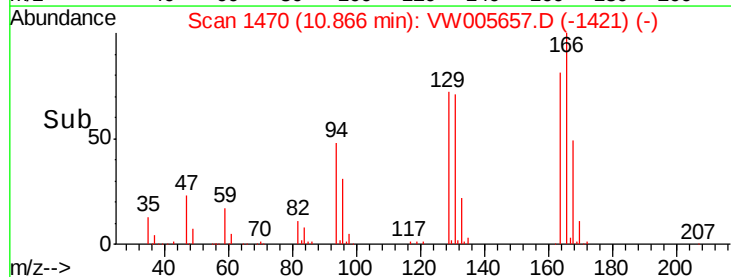
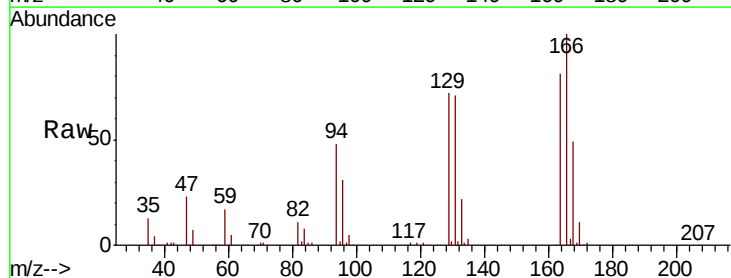
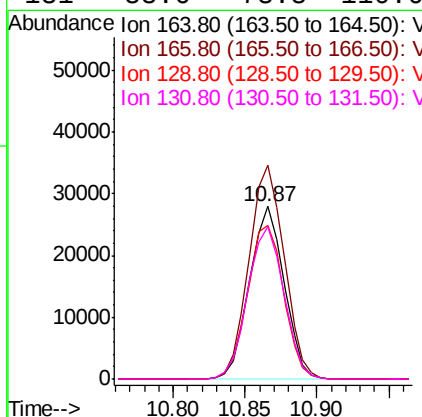
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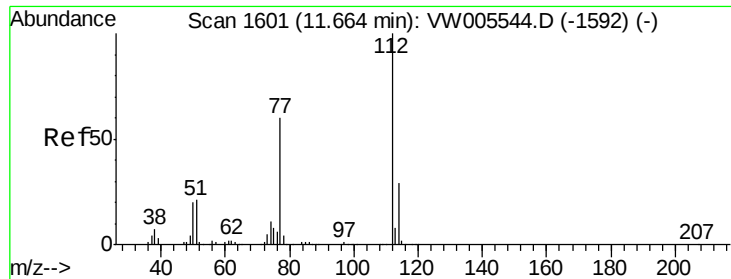
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#64
Tetrachloroethene
Concen: 20.601 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	46432		
166	123.9	101.1	151.7	
129	89.0	74.4	111.6	
131	88.6	73.8	110.6	





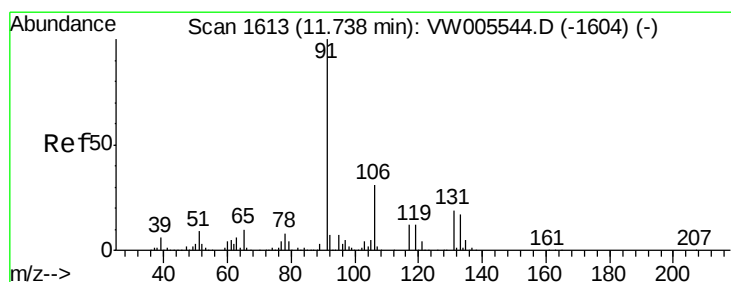
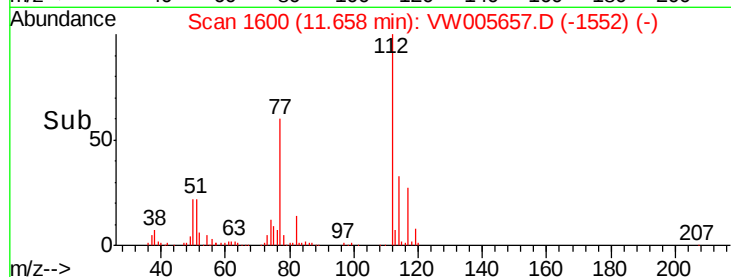
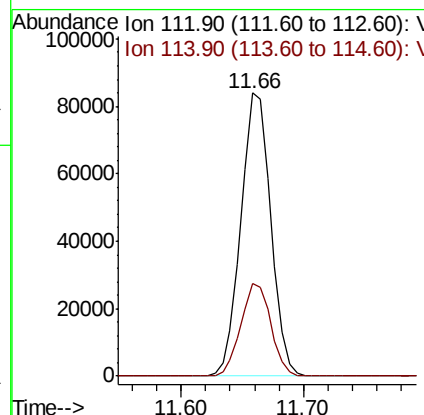
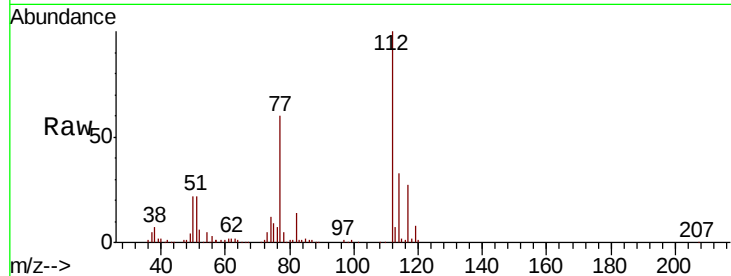
#65
Chlorobenzene
Concen: 21.060 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion:112 Resp: 141970
Ion Ratio Lower Upper
112 100
114 32.8 22.9 34.3

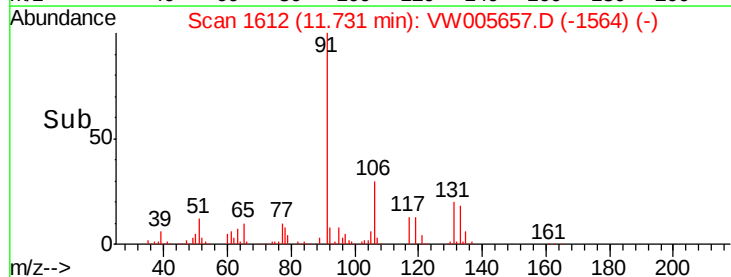
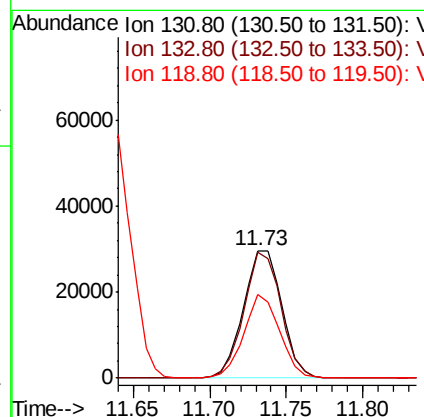
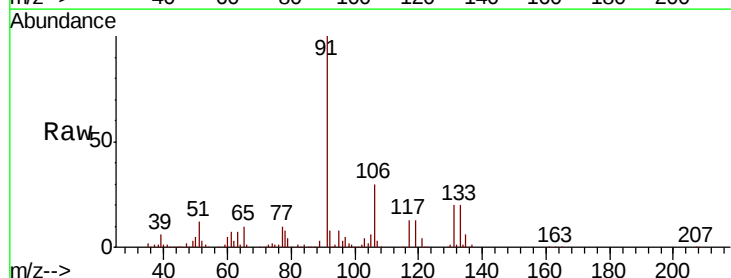
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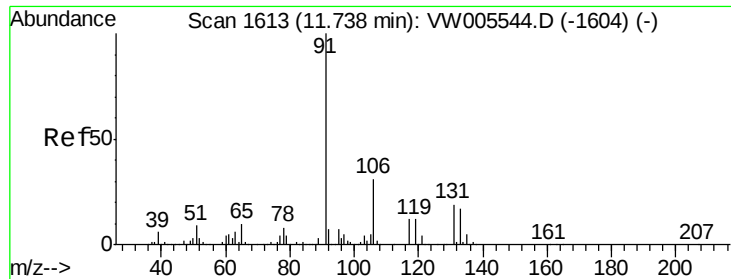
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.423 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Tgt Ion:131 Resp: 51979
Ion Ratio Lower Upper
131 100
133 95.1 47.2 141.6
119 60.9 31.1 93.2





#67

Ethyl Benzene

Concen: 21.191 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBS01

Tot Ion: 91 Resp: 253575

Ion Ratio Lower Upper

91 100

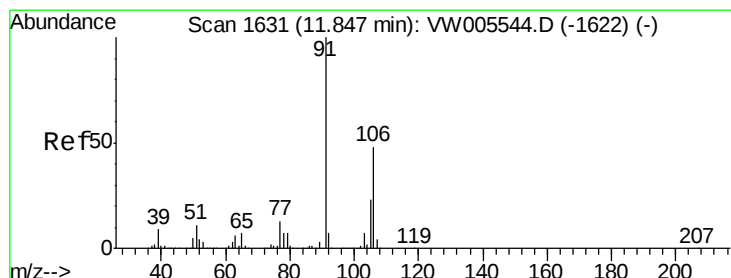
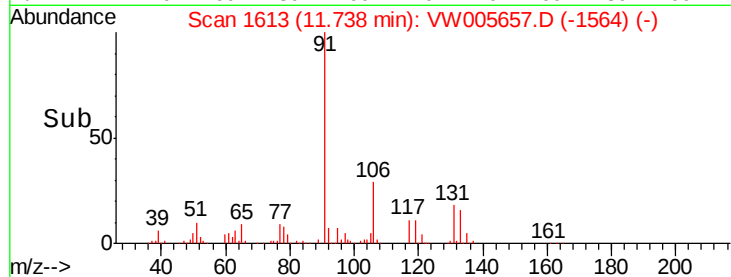
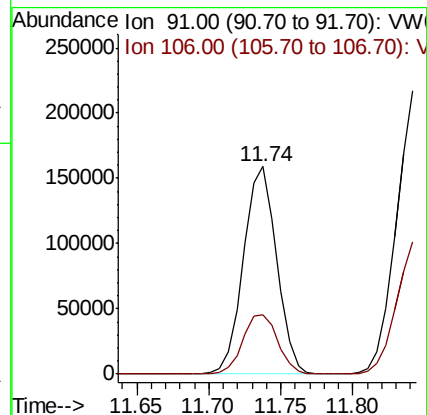
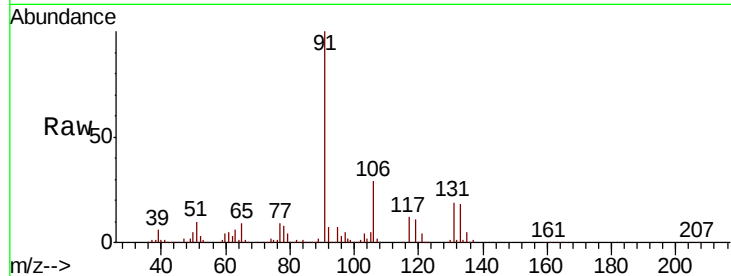
106 28.8 24.4 36.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 43.151 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.01 min

Lab File: VW005657.D

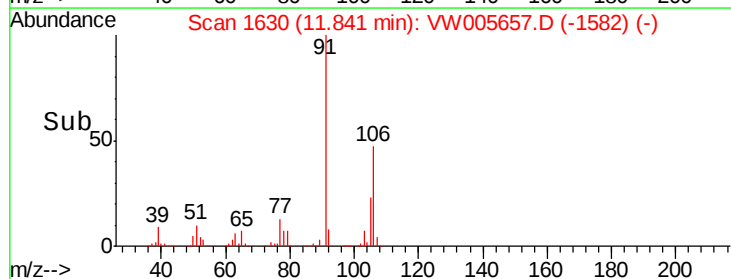
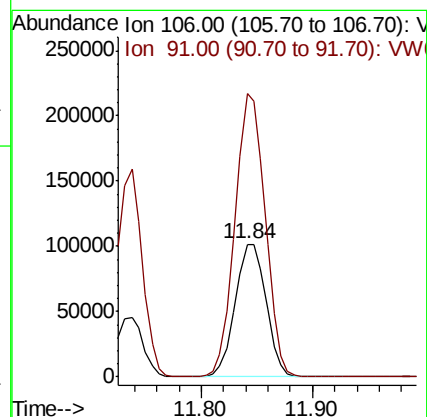
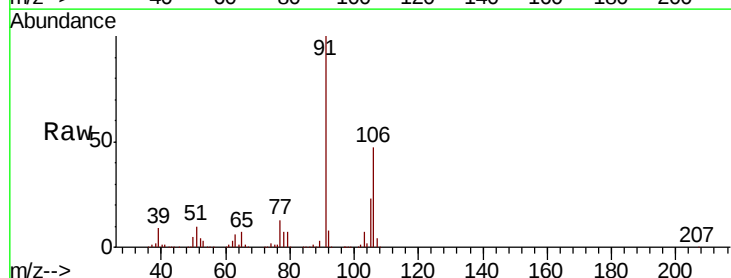
Acq: 26 Sep 2018 17:15

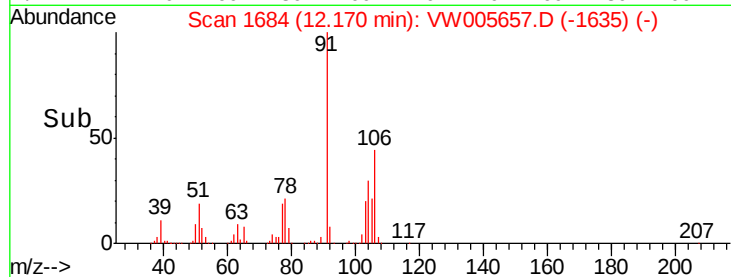
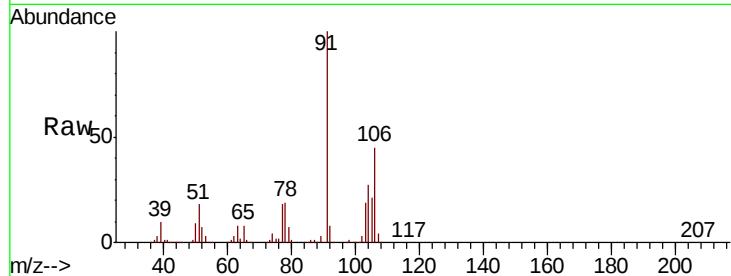
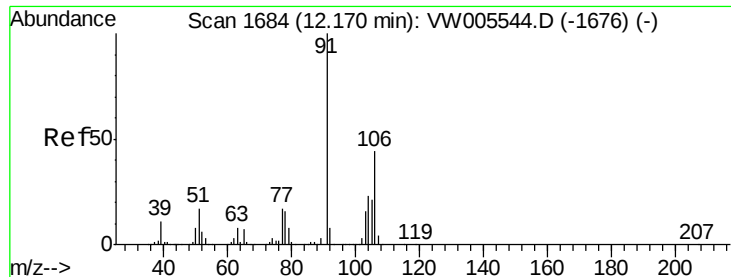
Tgt Ion: 106 Resp: 195074

Ion Ratio Lower Upper

106 100

91 209.1 167.8 251.8





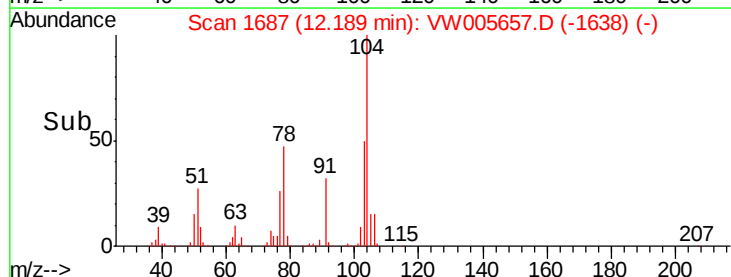
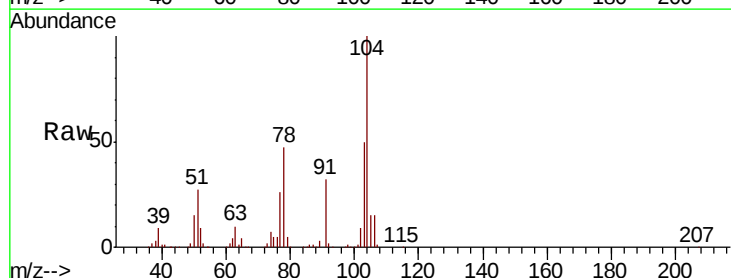
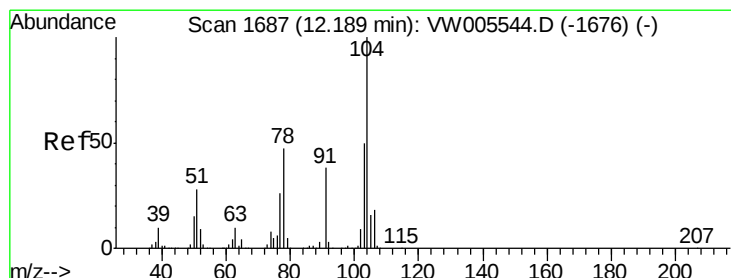
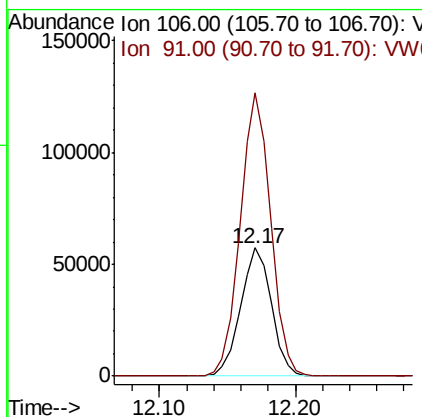
#69
o-Xylene
Concen: 21.346 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		90377		
91	218.3	111.0	333.0		

Instrument :
MSVOA_W
ClientSampleID :
VW0926SBS01

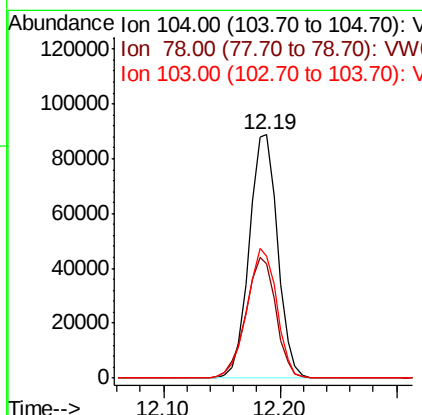
Manual Integrations
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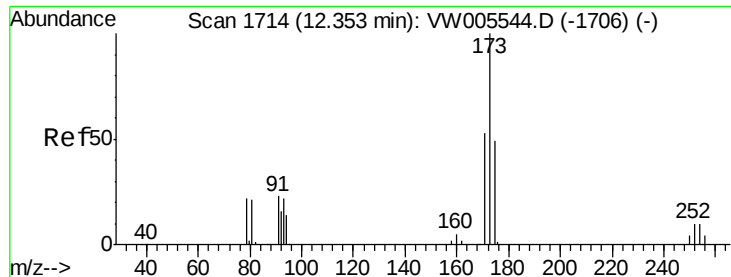
apatel
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#70
Styrene
Concen: 21.238 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		151321		
78	52.7	42.2	63.4		
103	56.1	44.6	66.8		





#71

Bromoform

Concen: 22.713 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

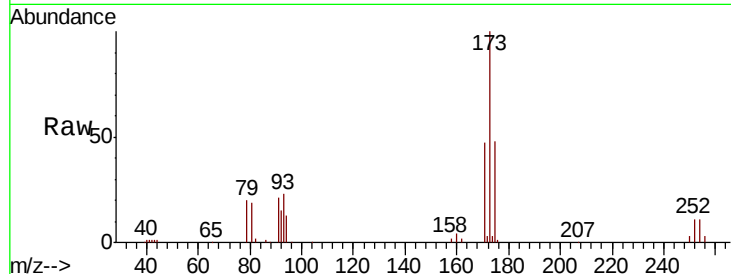
ClientSampleId :

VW0926SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.9	24.3	72.9
254	0.1	0.1	0.1

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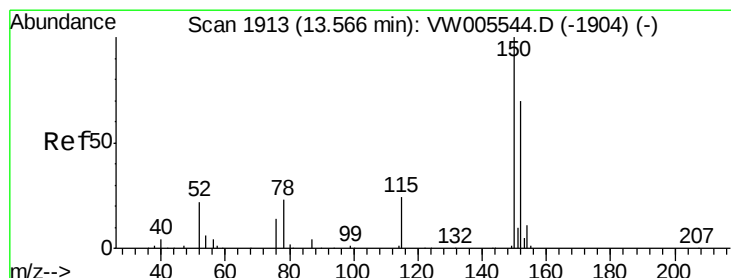
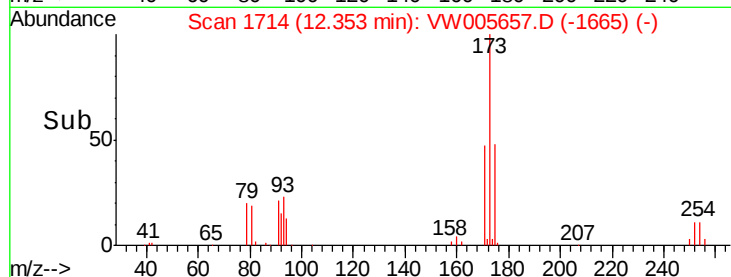
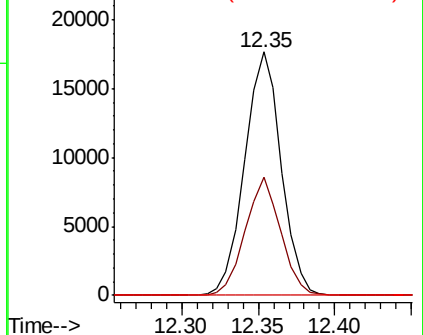


Abundance

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# 1913

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

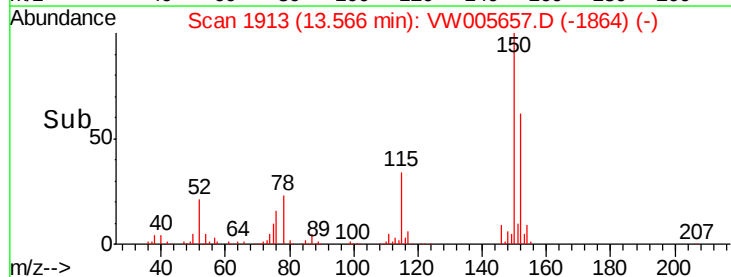
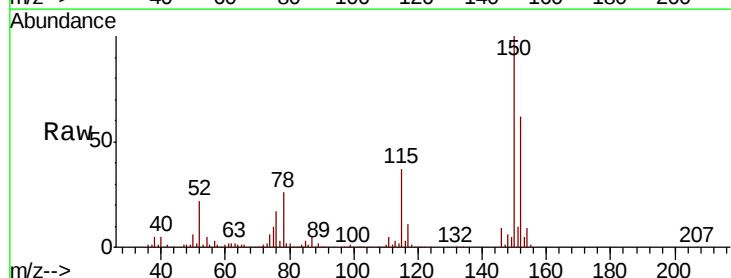
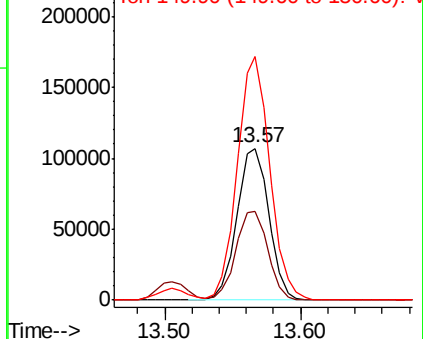
Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	30.0	90.0
150	163.0	0.0	348.6

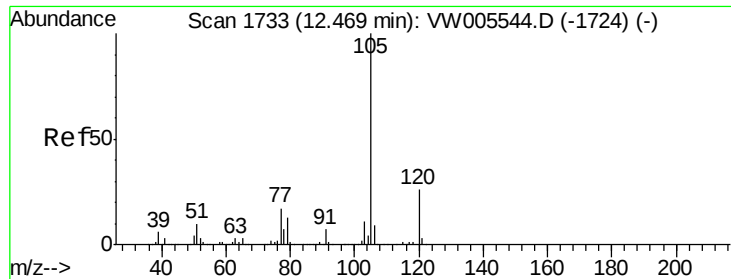
Abundance

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: 21.271 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBS01

Tot Ion: 105 Resp: 258491

Ion Ratio Lower Upper

105 100

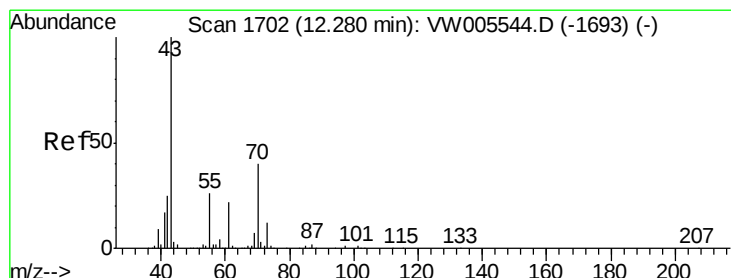
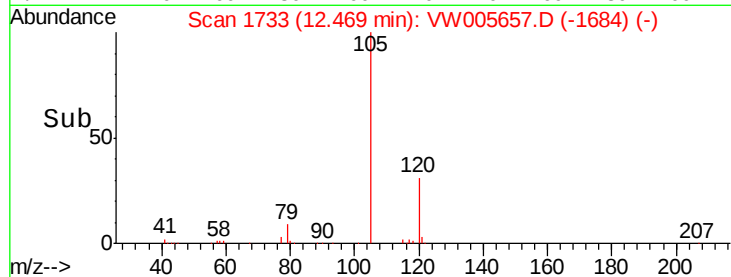
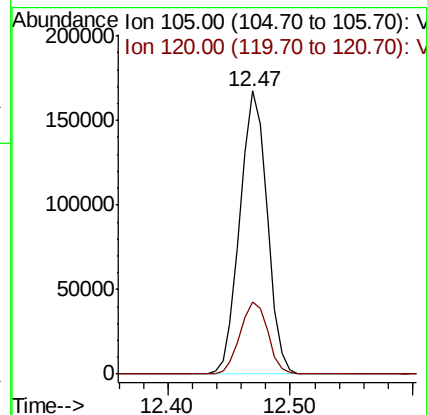
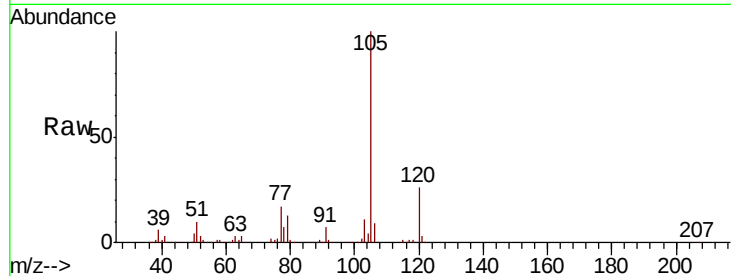
120 25.8 12.9 38.7

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#74

N-ethyl acetate

Concen: 21.192 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Tgt Ion: 43 Resp: 58314

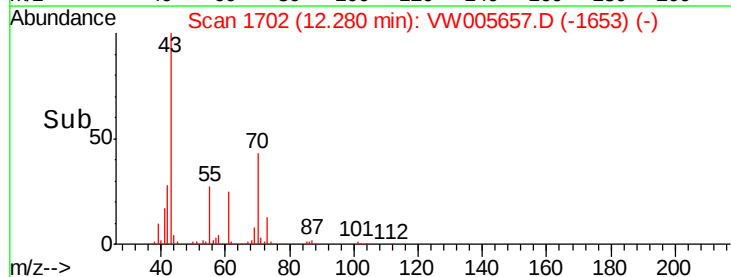
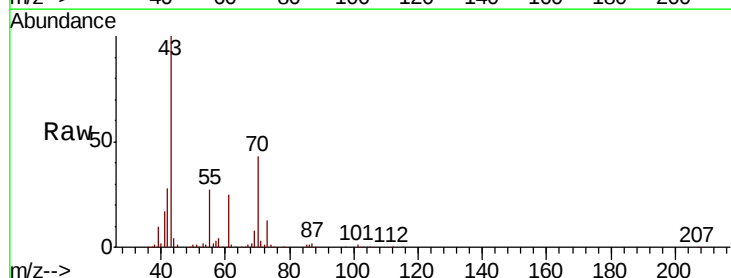
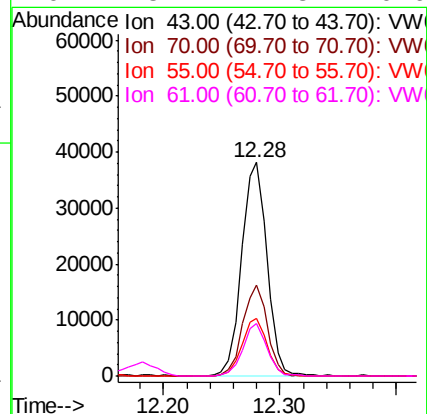
Ion Ratio Lower Upper

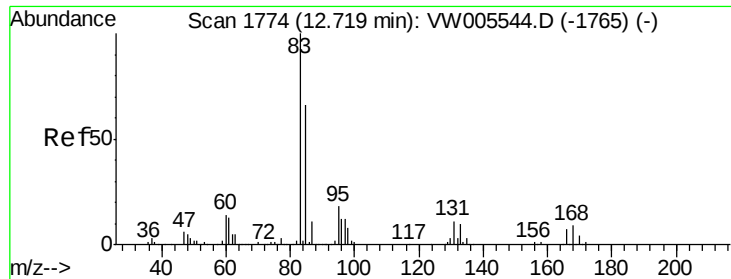
43 100

70 41.1 31.4 47.0

55 26.6 20.9 31.3

61 23.1 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.886 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

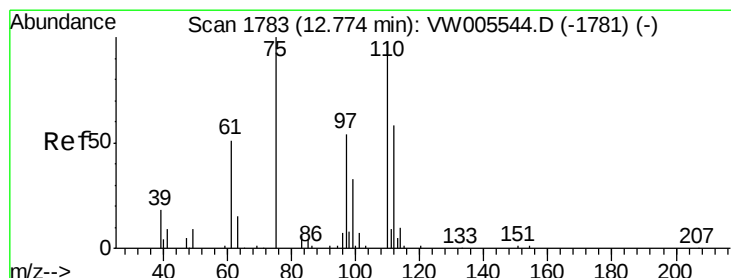
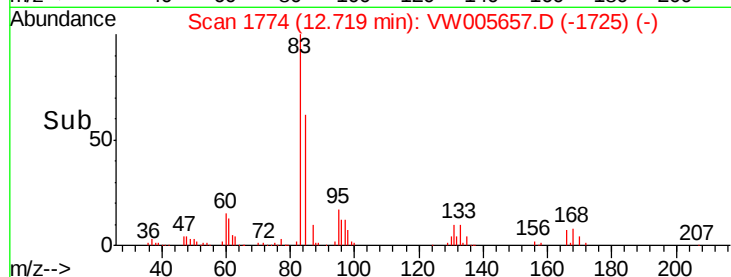
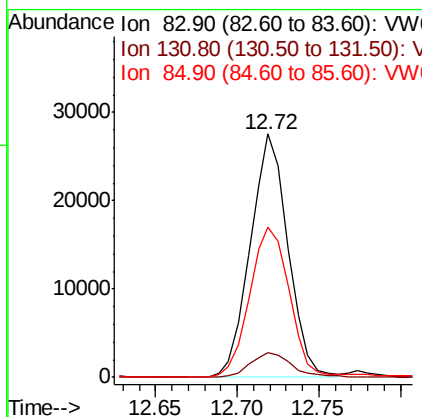
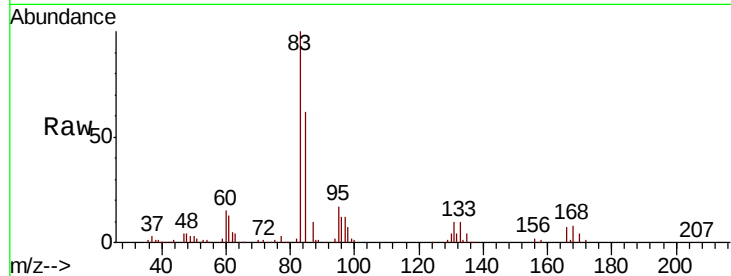
ClientSampleId :

VW0926SBS01

Tot Ion:	83	Resp:	44176
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.5	16.7
85	65.3	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 25.161 ug/l m

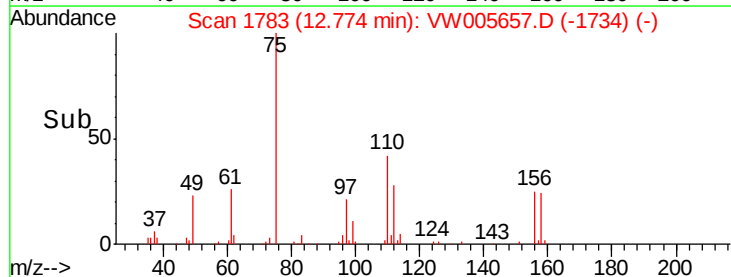
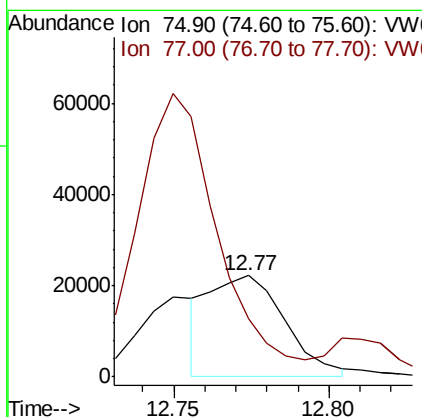
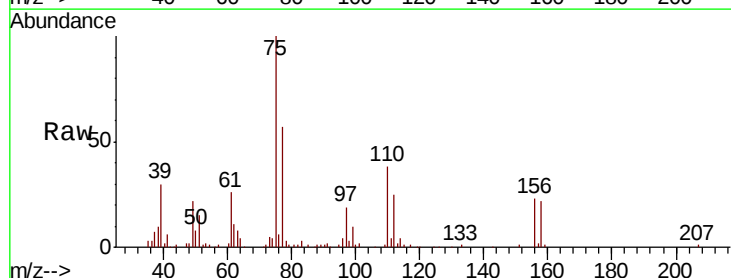
RT: 12.77 min Scan# 1783

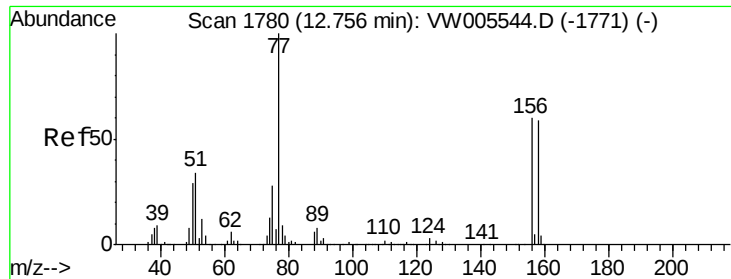
Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Tgt Ion:	75	Resp:	37585
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.420 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

ClientSampled :

VW0926SBS01

Tot Ion:156 Resp: 61009

Ion Ratio Lower Upper

156 100

77 185.6 94.7 284.1

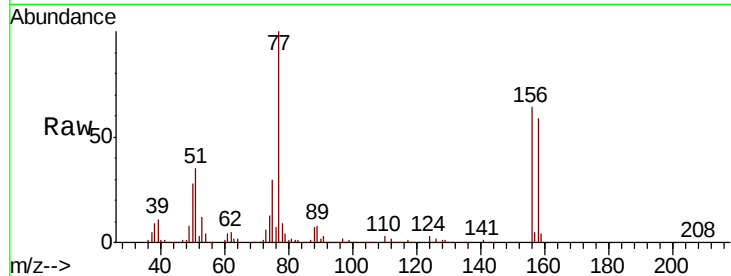
158 95.3 48.0 144.2

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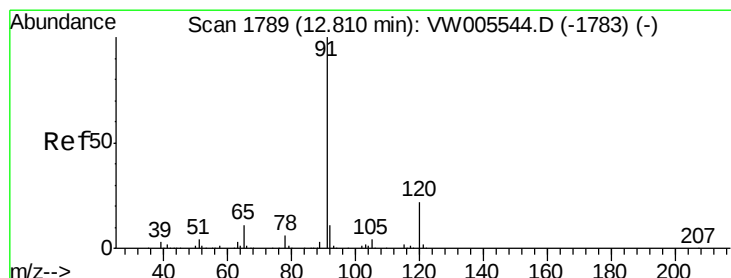
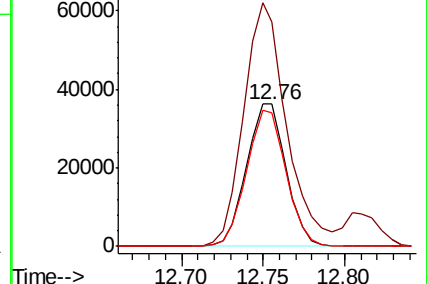
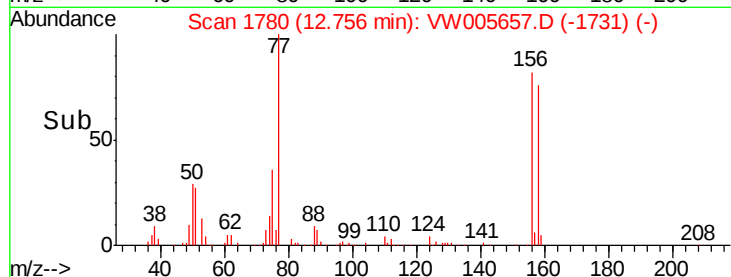
9/27/2018 10:33:39 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.492 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005657.D

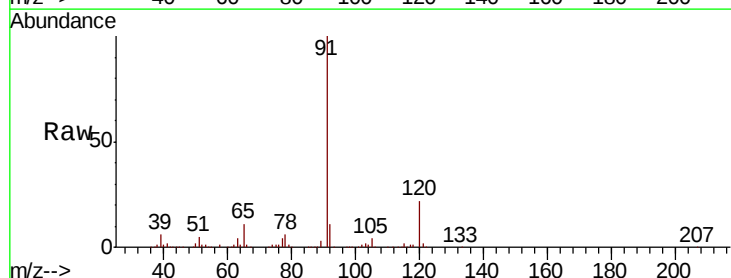
Acq: 26 Sep 2018 17:15

Tgt Ion: 91 Resp: 316199

Ion Ratio Lower Upper

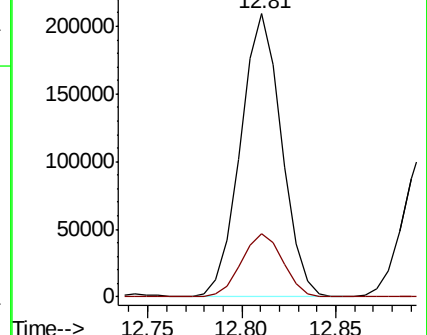
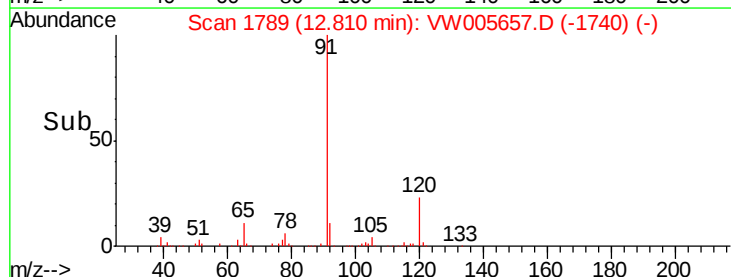
91 100

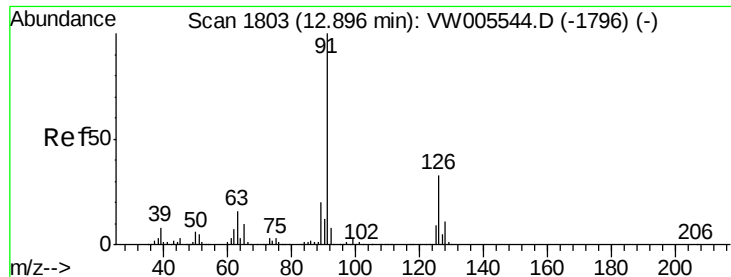
120 22.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.195 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBS01

Tot Ion: 91 Resp: 180411

Ion Ratio Lower Upper

91 100

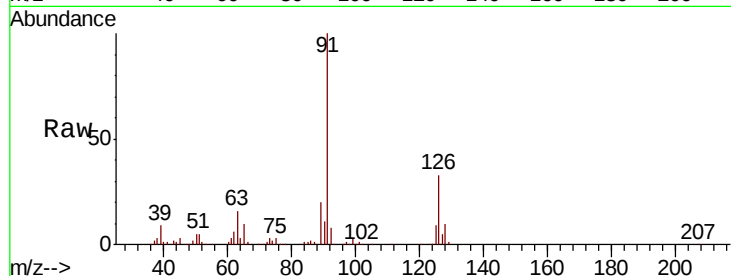
126 33.4 16.4 49.1

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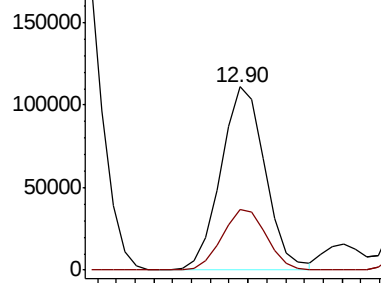
apatel

9/27/2018 10:33:39 AM

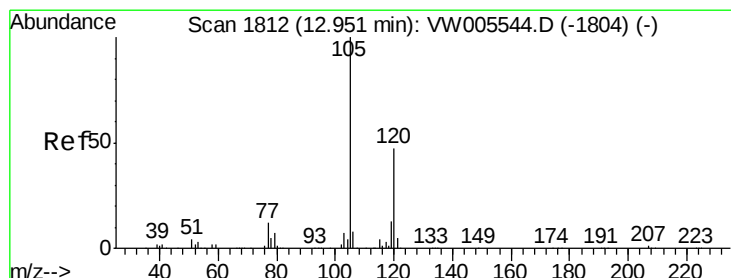
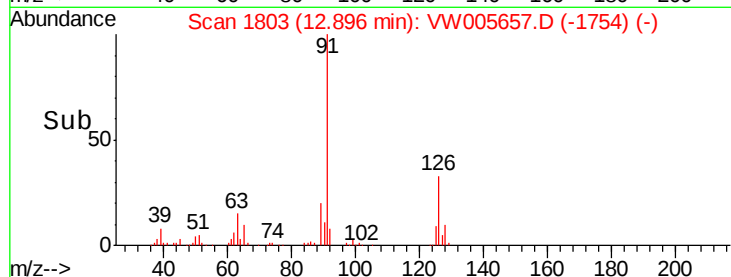


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.396 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005657.D

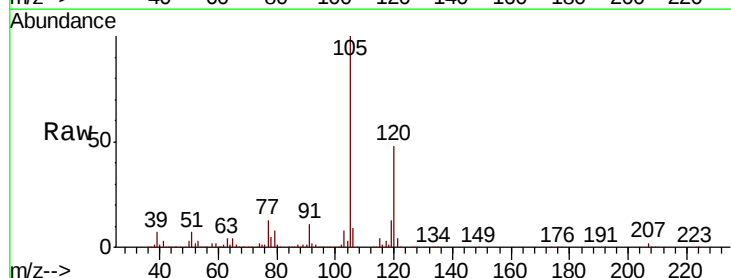
Acq: 26 Sep 2018 17:15

Tgt Ion:105 Resp: 226084

Ion Ratio Lower Upper

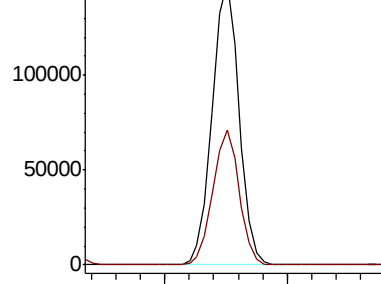
105 100

120 47.2 23.6 70.8

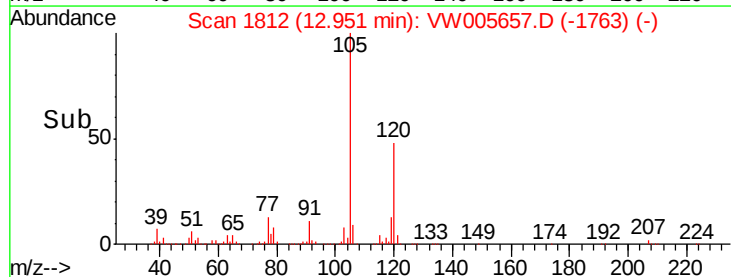


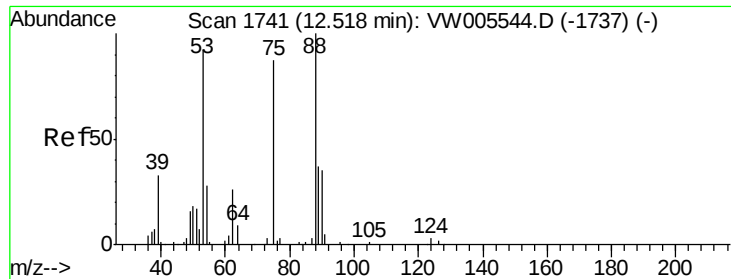
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 21.913 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

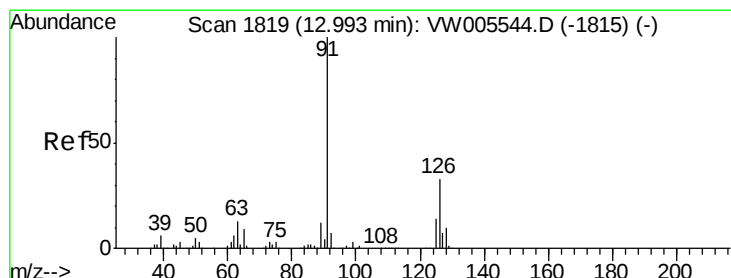
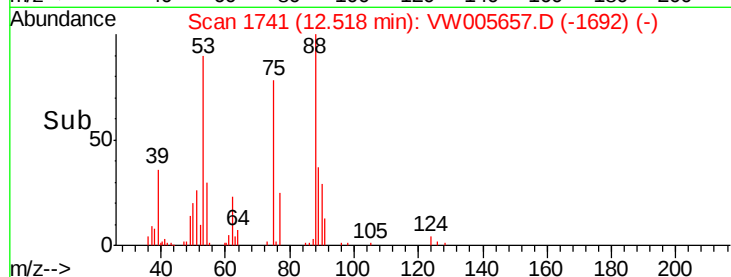
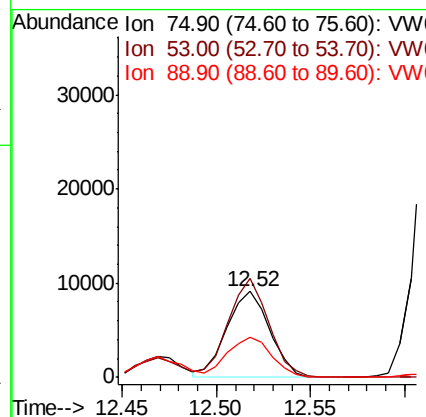
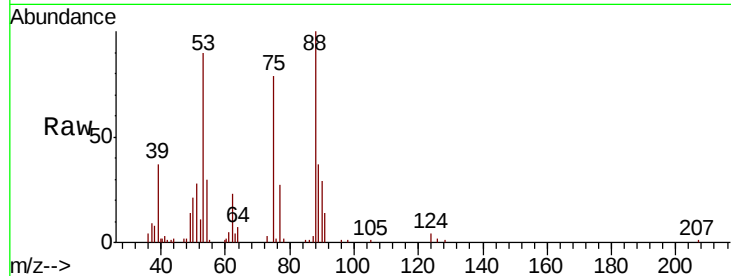
ClientSampleId :

VW0926SBS01

Tot Ion:	75	Resp:	14533
Ion	Ratio	Lower	Upper
75	100		
53	107.9	85.8	128.6
89	47.6	37.3	55.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.332 ug/l

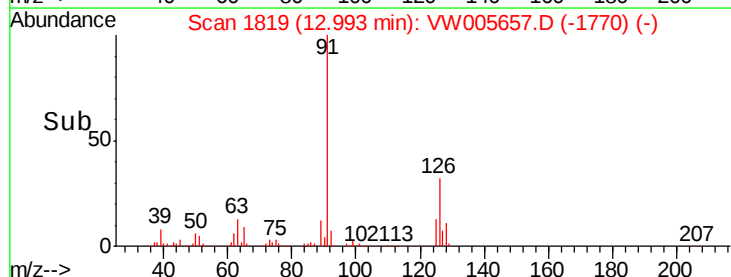
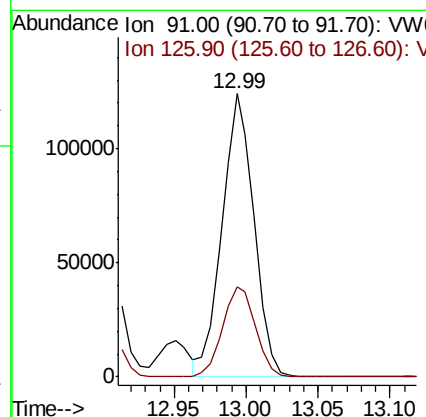
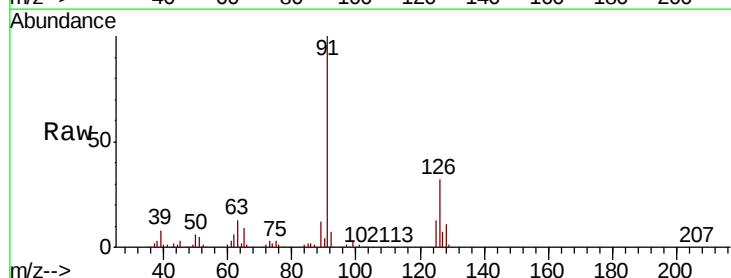
RT: 12.99 min Scan# 1819

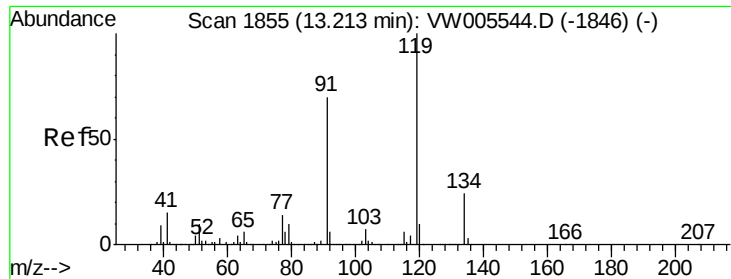
Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Tgt Ion:	91	Resp:	191851
Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.4





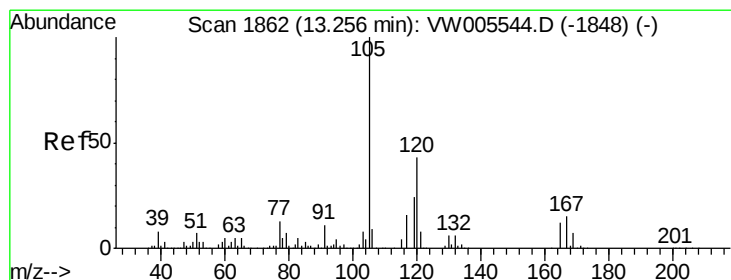
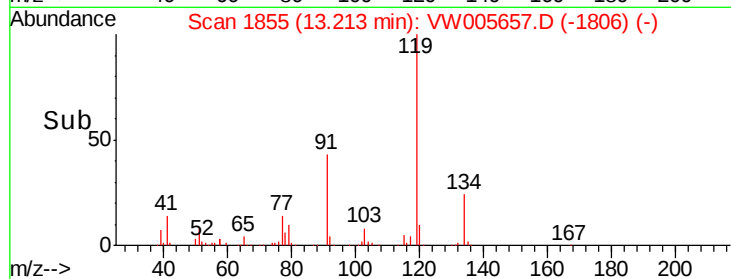
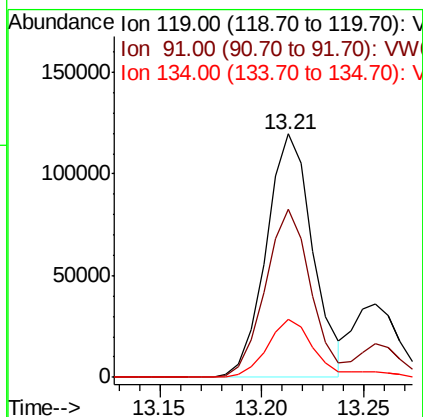
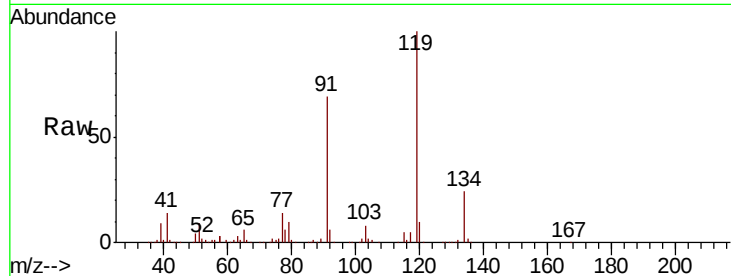
#83
tert-Butylbenzene
Concen: 21.460 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	190507		
91	67.2		34.6	103.8
134	23.4		12.6	37.6

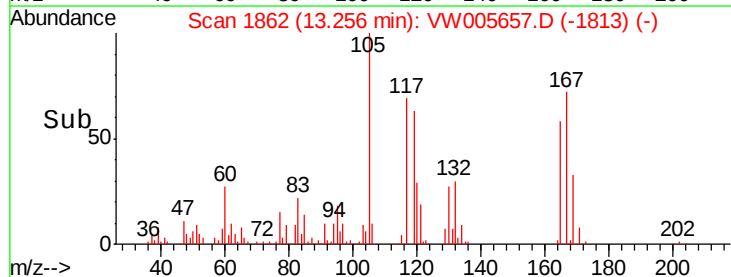
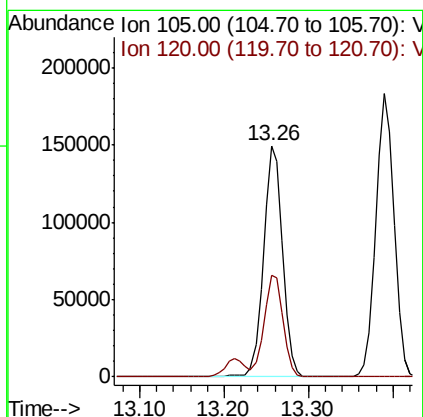
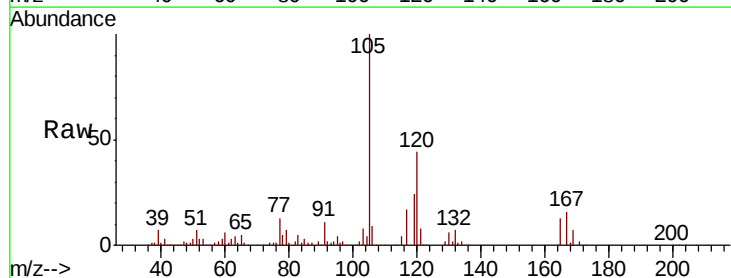
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#84
1,2,4-Trimethylbenzene
Concen: 21.798 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	232442		
120	43.9		21.5	64.5





#85

sec-Butylbenzene

Concen: 21.450 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBS01

Tot Ion:105 Resp: 276167

Ion Ratio Lower Upper

105 100

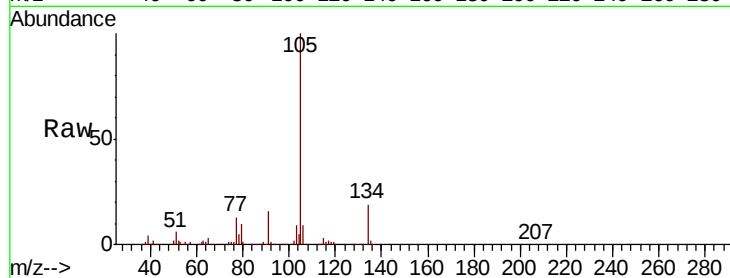
134 19.7 9.8 29.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

200000

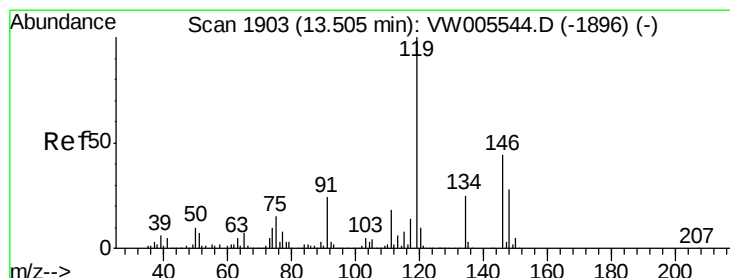
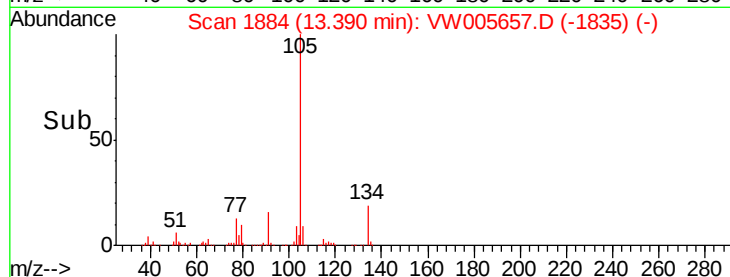
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.959 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005657.D

Acq: 26 Sep 2018 17:15

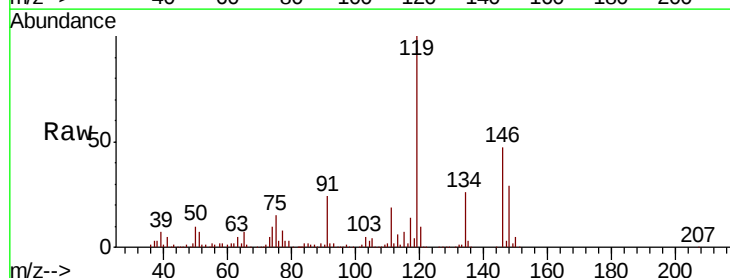
Tgt Ion:119 Resp: 253414

Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.1

91 24.2 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

200000

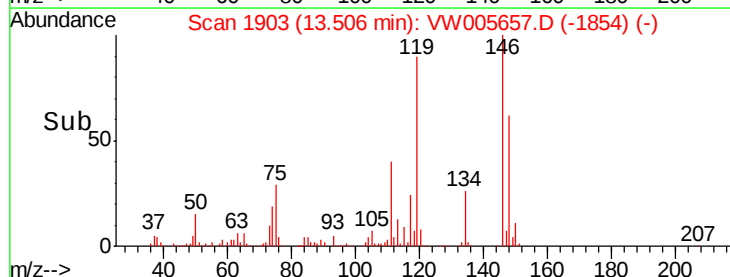
150000

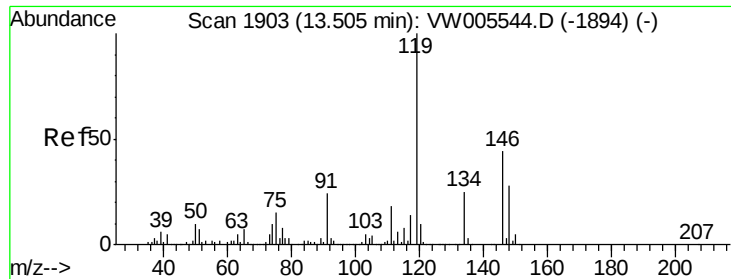
100000

50000

0

Time-->





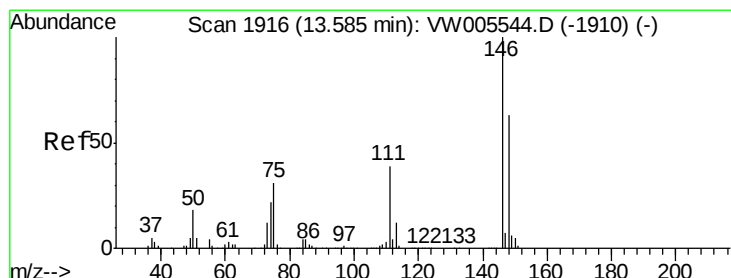
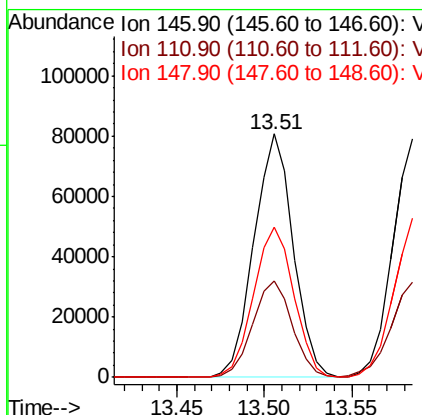
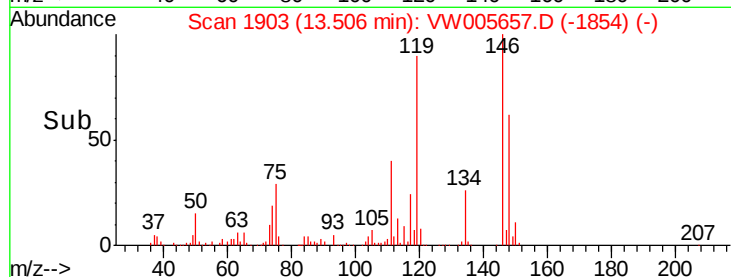
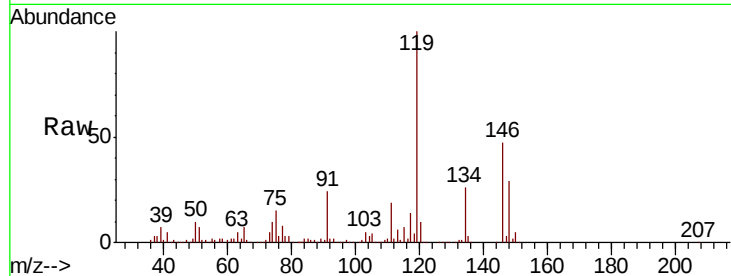
#87
 1,3-Dichlorobenzene
 Concen: 21.745 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005657.D
 Acq: 26 Sep 2018 17:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	126645		
111	40.0	20.3	60.9	
148	63.4	31.8	95.4	

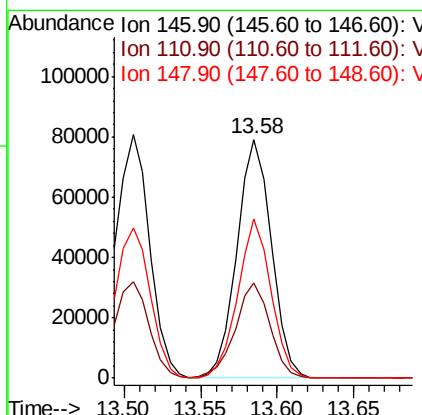
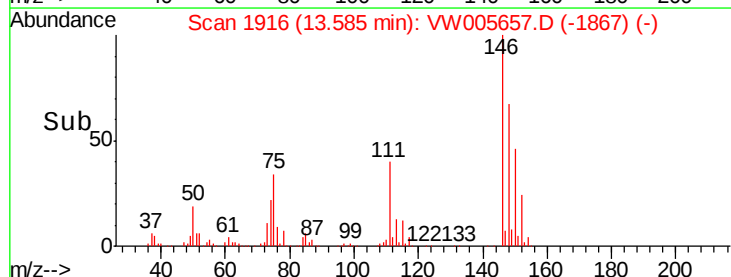
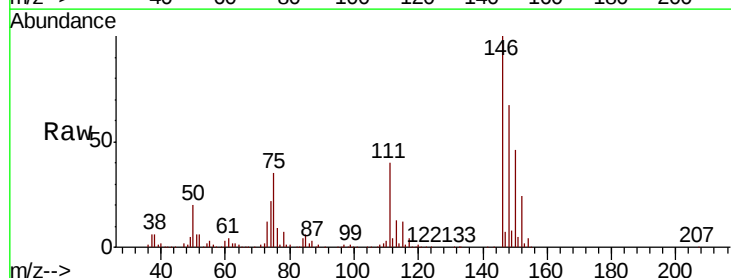
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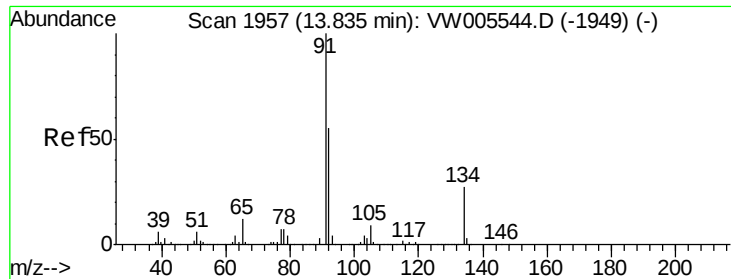
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 21.436 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005657.D
 Acq: 26 Sep 2018 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	124166		
111	40.1	19.9	59.7	
148	64.0	32.1	96.3	





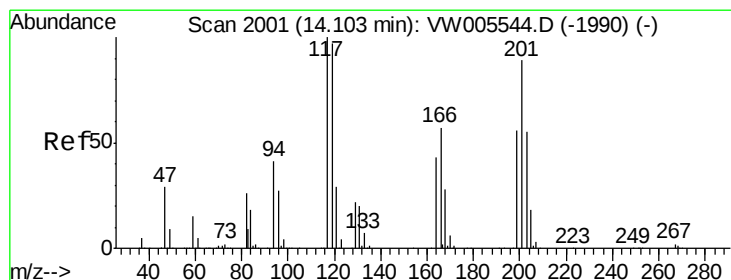
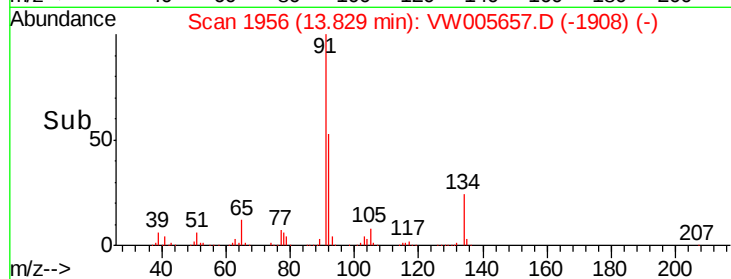
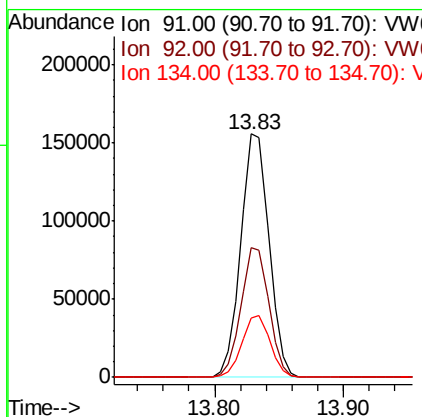
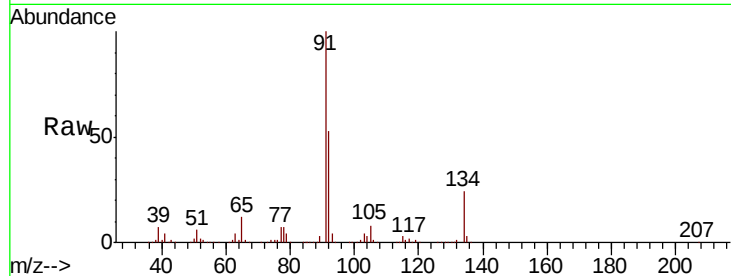
#89
n-Butylbenzene
Concen: 21.716 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.01 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.5	79.5
134	25.4	12.9	38.7

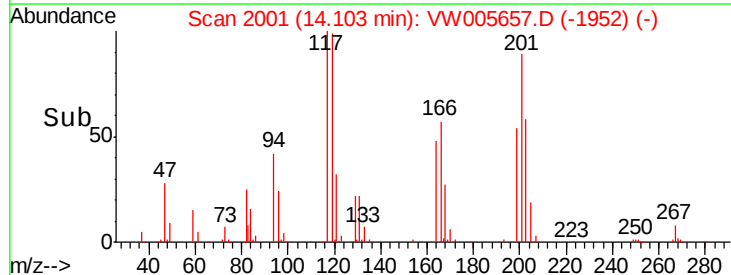
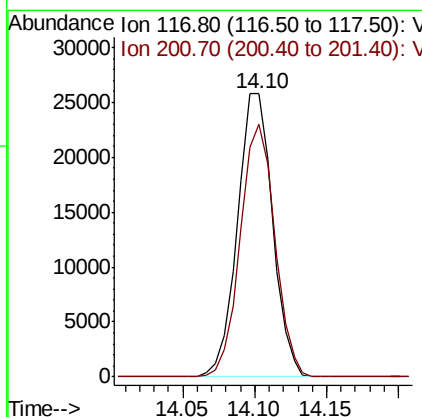
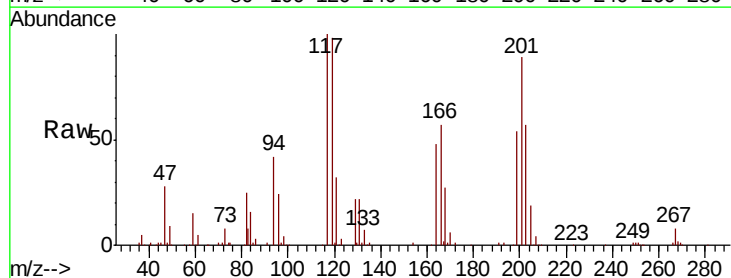
Manual Integrations
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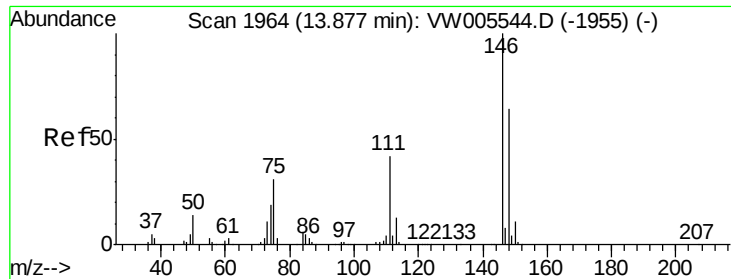
apatel
9/27/2018 10:33:39 AM



#90
Hexachloroethane
Concen: 20.951 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.1	42.8	128.3





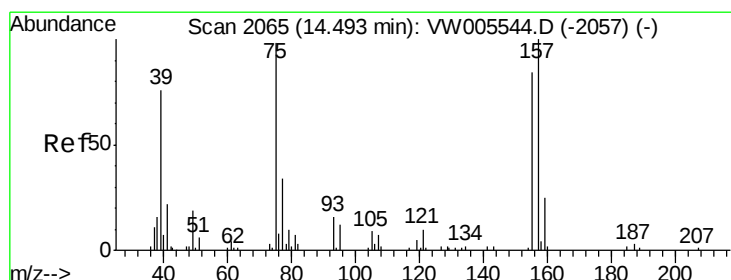
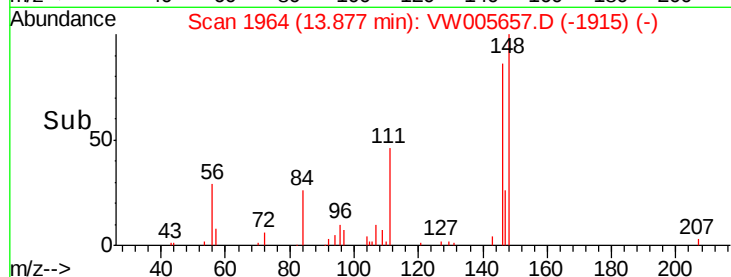
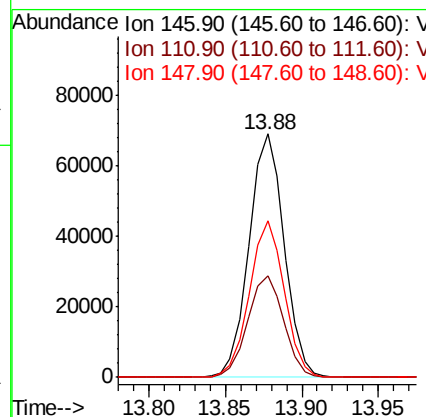
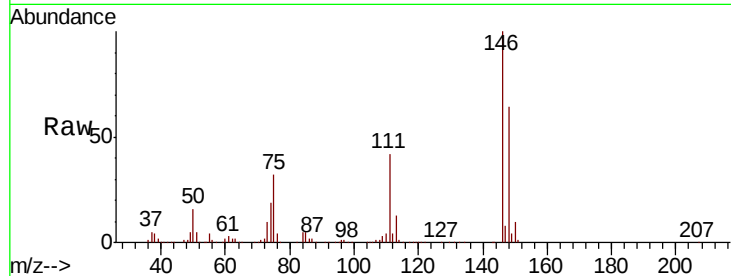
#91
 1,2-Dichlorobenzene
 Concen: 21.450 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005657.D
 Acq: 26 Sep 2018 17:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	63.9
148	63.7	32.0	96.2

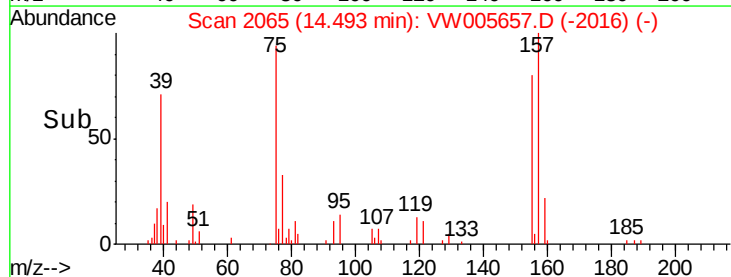
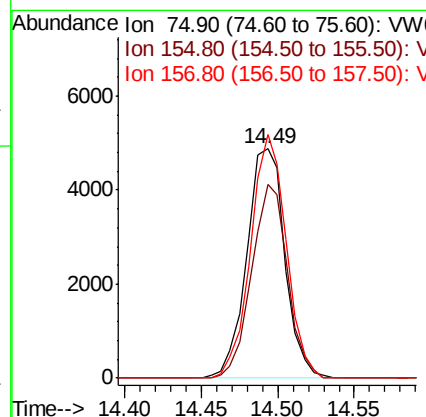
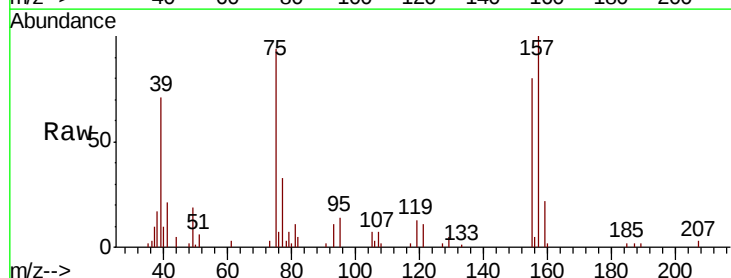
Manual Integrations
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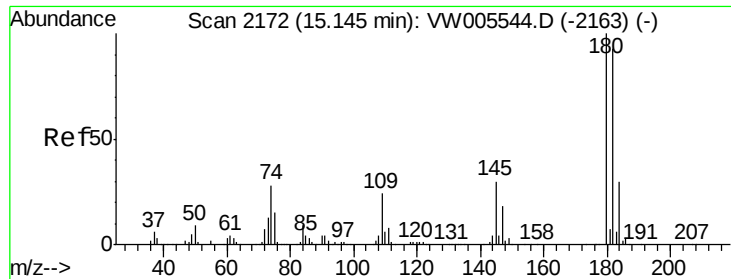
apatel
 9/27/2018 10:33:39 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.915 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005657.D
 Acq: 26 Sep 2018 17:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.8	39.1	117.5
157	98.9	50.8	152.4





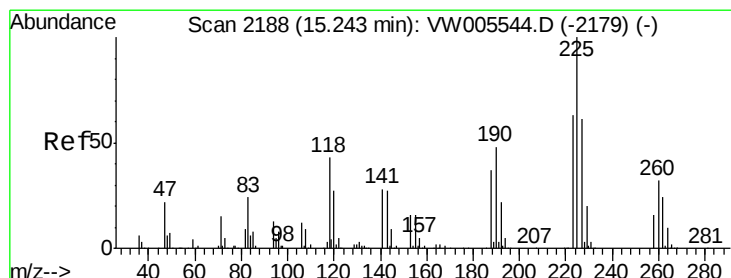
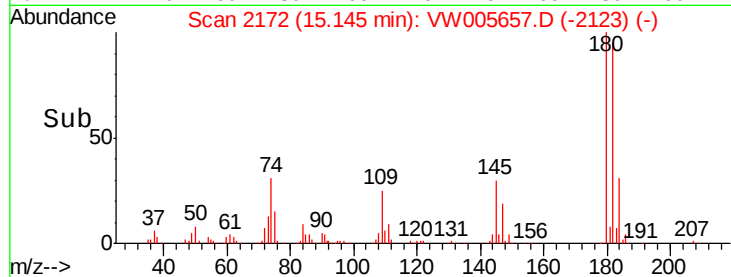
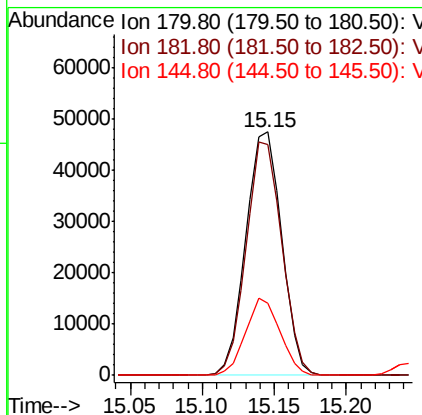
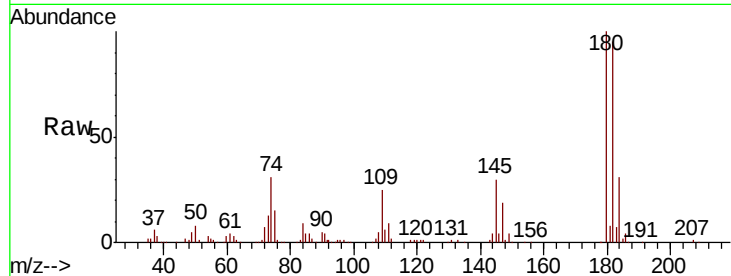
#93
 1,2,4-Trichlorobenzene
 Concen: 22.193 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW005657.D
 Acq: 26 Sep 2018 17:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	47.7	143.1	
145	30.8	15.0	45.1	

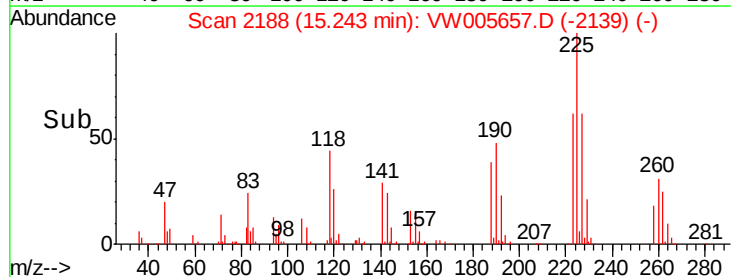
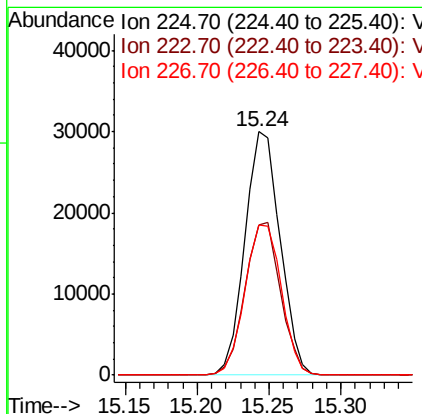
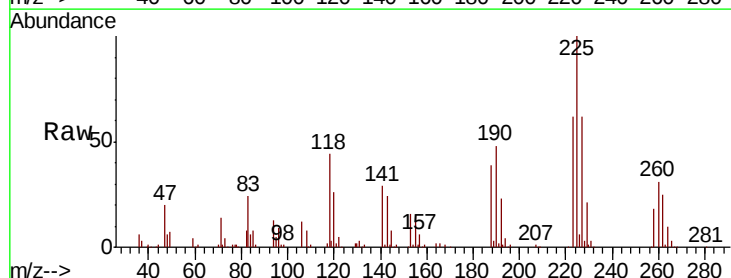
Manual Integrations
 APPROVED

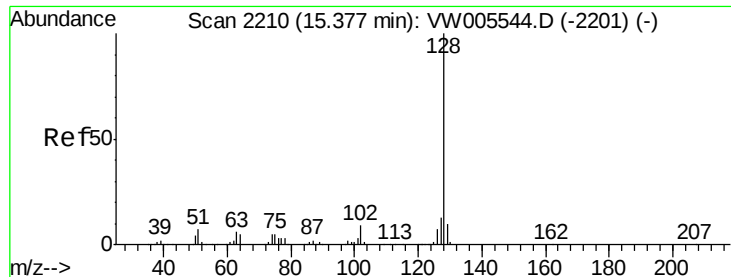
apatel
 9/27/2018 10:33:39 AM



#94
 Hexachlorobutadiene
 Concen: 21.333 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005657.D
 Acq: 26 Sep 2018 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	31.1	93.3	
227	64.1	31.8	95.3	





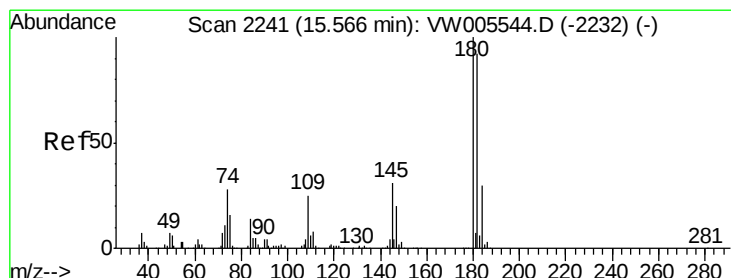
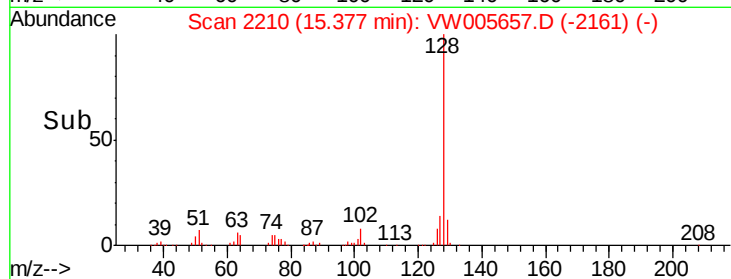
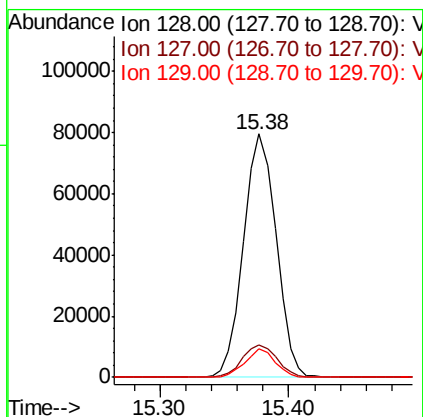
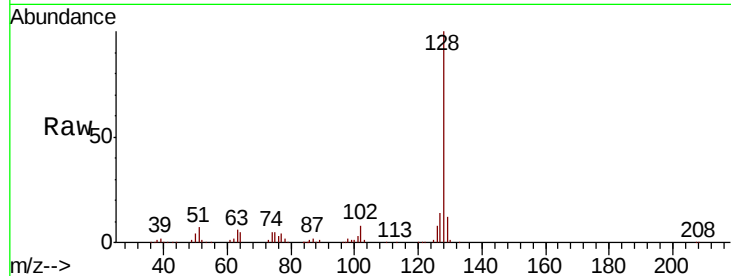
#95
Naphthalene
Concen: 22.650 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.9	16.3
129	10.8	8.6	13.0

Manual Integrations
APPROVED

apatel
9/27/2018 10:33:39 AM



#96
1,2,3-Trichlorobenzene
Concen: 22.381 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005657.D
Acq: 26 Sep 2018 17:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.3	141.9
145	32.0	16.0	47.9

