

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005631.D
 Acq On : 26 Sep 2018 02:03
 Operator : VA/AP
 Sample : VW0925SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD02

Manual Integrations
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 9/26/2018 2:38:35 PM

Quant Time: Sep 26 06:55:49 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	213924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	327419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132348	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
35) Dibromofluoromethane	7.89	113	109549	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
50) Toluene-d8	10.33	98	460810	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	
62) 4-Bromofluorobenzene	12.62	95	172422	55.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26716	18.726	ug/l	97
3) Chloromethane	2.21	50	30021	17.458	ug/l	97
4) Vinyl Chloride	2.37	62	44459	21.629	ug/l	98
5) Bromomethane	2.79	94	26707	19.226	ug/l	99
6) Chloroethane	2.92	64	25965	19.686	ug/l	93
7) Trichlorofluoromethane	3.26	101	27978	17.403	ug/l	95
8) Diethyl Ether	3.68	74	22189	21.129	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42724	20.994	ug/l	97
10) Methyl Iodide	4.27	142	63496	20.288	ug/l	99
11) Tert butyl alcohol	5.22	59	16463	125.337	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	40249	20.658	ug/l	97
13) Acrolein	3.90	56	11205	118.413	ug/l	96
14) Allyl chloride	4.67	41	68589	20.172	ug/l	99
15) Acrylonitrile	5.38	53	53633	115.024	ug/l	100
16) Acetone	4.14	43	47579	114.995	ug/l	94
17) Carbon Disulfide	4.37	76	120019	19.716	ug/l	99
18) Methyl Acetate	4.68	43	25754	21.561	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	64062	21.303	ug/l	94
20) Methylene Chloride	4.92	84	52207	22.354	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	43107	20.200	ug/l	90
22) Diisopropyl ether	6.31	45	141747	21.475	ug/l	95
23) Vinyl Acetate	6.26	43	425129	112.685	ug/l	98
24) 1,1-Dichloroethane	6.21	63	83301	20.426	ug/l	99
25) 2-Butanone	7.18	43	67460	110.212	ug/l	98
26) 2,2-Dichloropropane	7.17	77	51641	18.138	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	48737	20.707	ug/l	99
28) Bromochloromethane	7.52	49	32157	19.907	ug/l	96
29) Tetrahydrofuran	7.54	42	47312	123.725	ug/l	99
30) Chloroform	7.68	83	89417	21.238	ug/l	92
31) Cyclohexane	7.96	56	78512	20.095	ug/l	92
32) 1,1,1-Trichloroethane	7.88	97	75310	20.248	ug/l	100
36) 1,1-Dichloropropene	8.09	75	67944	20.614	ug/l	99
37) Ethyl Acetate	7.26	43	33620	24.239	ug/l	99
38) Carbon Tetrachloride	8.07	117	71708	20.303	ug/l	94

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 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)
39) Methylcyclohexane	9.34	83	80800	20.778	ug/l	97
40) Benzene	8.33	78	191992	20.559	ug/l	98
41) Methacrylonitrile	7.49	41	17392	22.035	ug/l	92
42) 1,2-Dichloroethane	8.40	62	63404	21.206	ug/l	98
43) Isopropyl Acetate	8.43	43	62012	22.739	ug/l	99
44) Trichloroethene	9.10	130	49658	20.774	ug/l	99
45) 1,2-Dichloropropane	9.37	63	48622	21.163	ug/l	96
46) Dibromomethane	9.46	93	25151	21.909	ug/l	97
47) Bromodichloromethane	9.65	83	63643	20.638	ug/l	98
48) Methyl methacrylate	9.44	41	30234	23.342	ug/l	96
49) 1,4-Dioxane	9.48	88	9044	495.535	ug/l #	97
51) 4-Methyl-2-Pentanone	10.22	43	177146	128.973	ug/l	97
52) Toluene	10.39	92	129310	22.192	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	68008	21.999	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	75461	21.786	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	39286	24.109	ug/l	98
56) Ethyl methacrylate	10.65	69	49154	24.436	ug/l	97
57) 1,3-Dichloropropane	10.94	76	67690	23.438	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	107086	117.439	ug/l	97
59) 2-Hexanone	10.98	43	118861	127.388	ug/l	98
60) Dibromochloromethane	11.13	129	45160	22.937	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35927	23.647	ug/l	96
64) Tetrachloroethene	10.87	164	48229	21.260	ug/l	96
65) Chlorobenzene	11.66	112	141228	20.814	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.74	131	49988	20.469	ug/l	98
67) Ethyl Benzene	11.74	91	248147	20.603	ug/l	100
68) m/p-Xylenes	11.84	106	186745	41.040	ug/l	98
69) o-Xylene	12.17	106	87639	20.565	ug/l	99
70) Styrene	12.19	104	149165	20.799	ug/l	99
71) Bromoform	12.35	173	29911	23.074	ug/l #	97
73) Isopropylbenzene	12.47	105	252009	21.168	ug/l	99
74) N-amyl acetate	12.28	43	63707	23.632	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	47170	23.854	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	39862m	27.239	ug/l	
77) Bromobenzene	12.76	156	59210	21.220	ug/l	99
78) n-propylbenzene	12.81	91	305822	21.218	ug/l	100
79) 2-Chlorotoluene	12.90	91	174548	20.932	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	211407	20.422	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	14550	22.394	ug/l	97
82) 4-Chlorotoluene	12.99	91	185774	21.085	ug/l	100
83) tert-Butylbenzene	13.21	119	181990	20.926	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	223696	21.413	ug/l	100
85) sec-Butylbenzene	13.39	105	259179	20.548	ug/l	99
86) p-Isopropyltoluene	13.51	119	238702	21.113	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	120610	21.139	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	115177	20.297	ug/l	98
89) n-Butylbenzene	13.83	91	220712	20.697	ug/l	100
90) Hexachloroethane	14.10	117	42165	20.577	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	109094	21.660	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8798	23.352	ug/l	97

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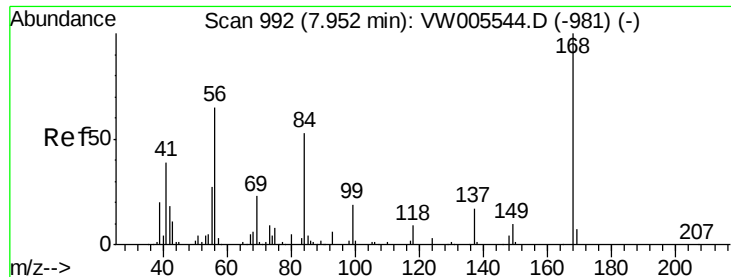
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	77188	21.483	ug/l	98
94) Hexachlorobutadiene	15.24	225	48457	20.818	ug/l	99
95) Naphthalene	15.38	128	146506	24.242	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	71422	22.556	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: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleID :

VW0925SBSD02

Tot Ion:168 Resp: 213924

Ion Ratio Lower Upper

168 100

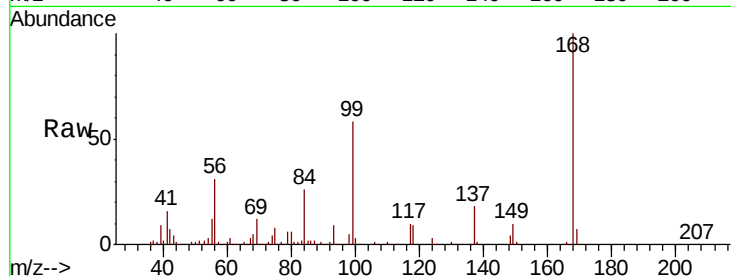
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Manual Integrations

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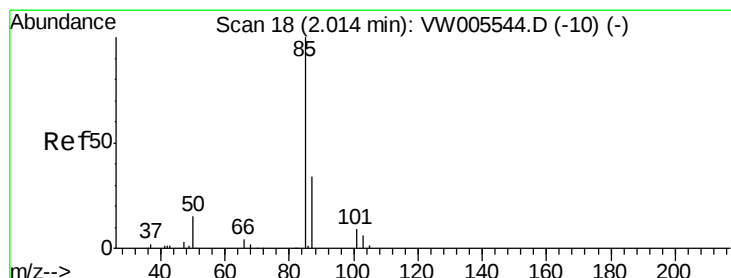
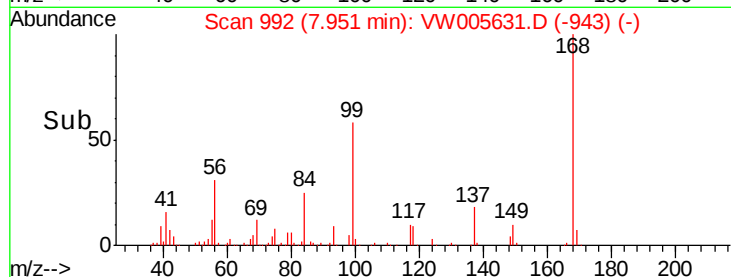
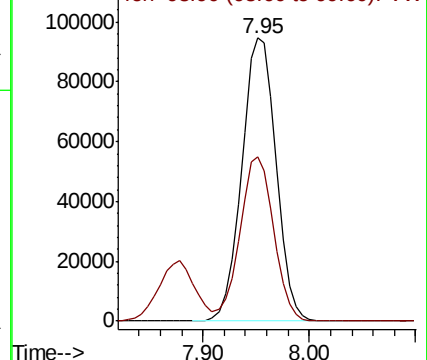
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.726 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005631.D

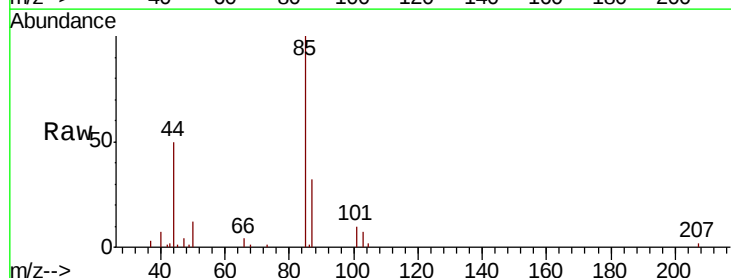
Acq: 26 Sep 2018 02:03

Tgt Ion: 85 Resp: 26716

Ion Ratio Lower Upper

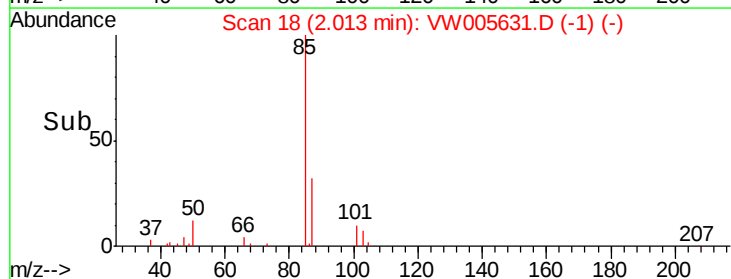
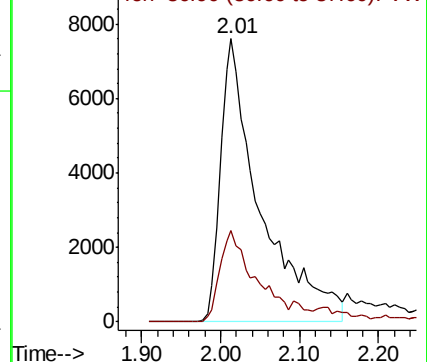
85 100

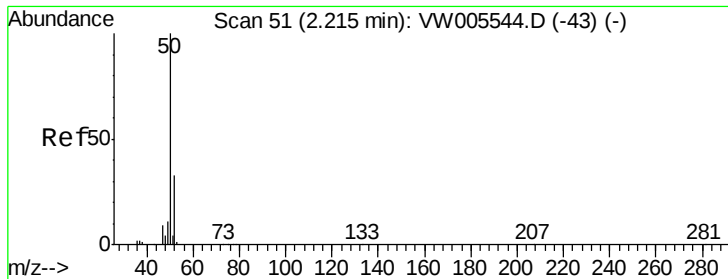
87 32.3 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 17.458 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD02

Tot Ion: 50 Resp: 30021

Ion Ratio Lower Upper

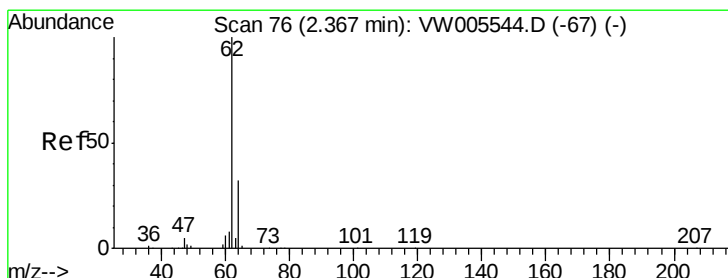
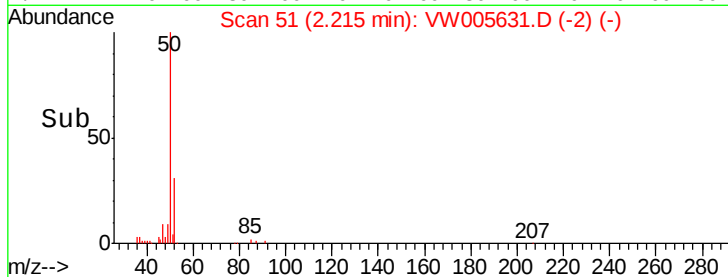
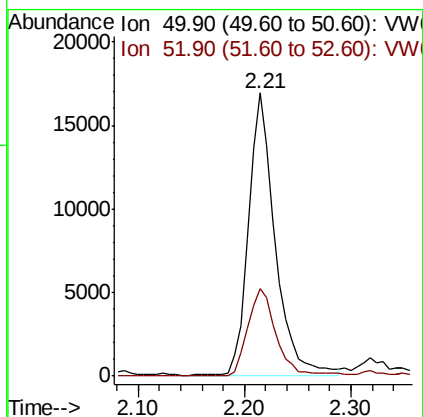
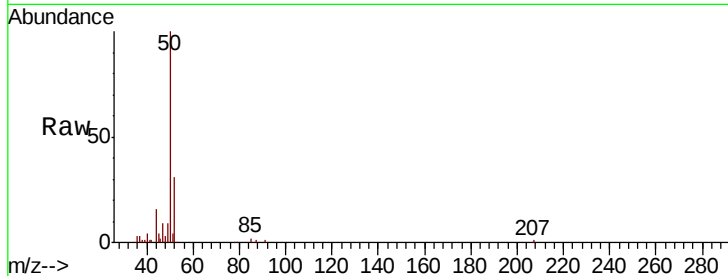
50 100

52 31.1 26.2 39.4

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#4

Vinyl Chloride

Concen: 21.629 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005631.D

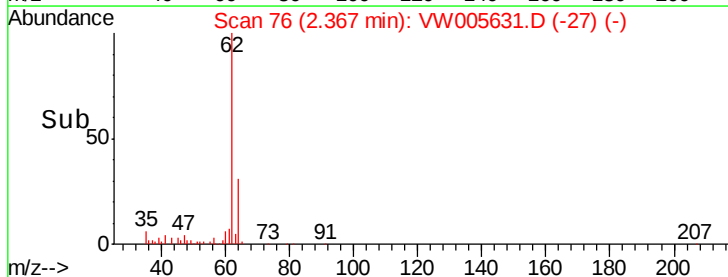
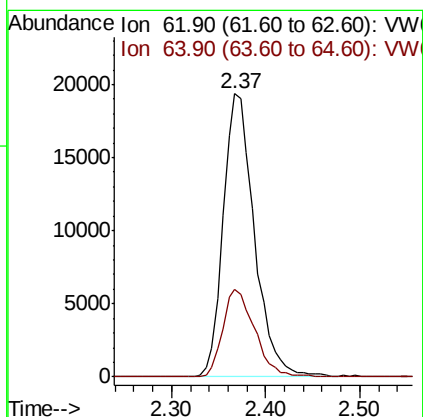
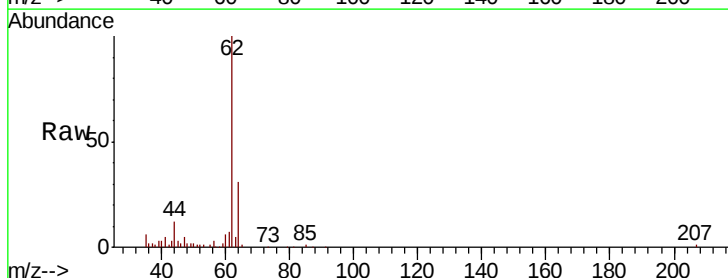
Acq: 26 Sep 2018 02:03

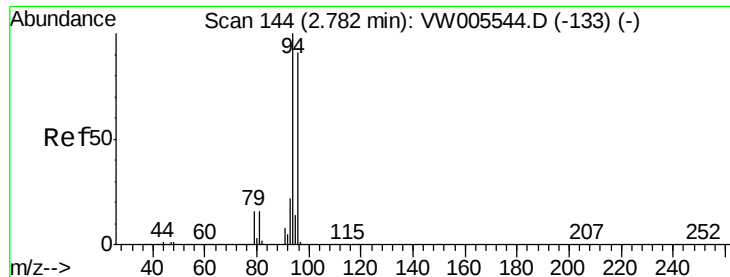
Tgt Ion: 62 Resp: 44459

Ion Ratio Lower Upper

62 100

64 31.0 25.7 38.5





#5

Bromomethane

Concen: 19.226 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD02

Tot Ion: 94 Resp: 26707

Ion Ratio Lower Upper

94 100

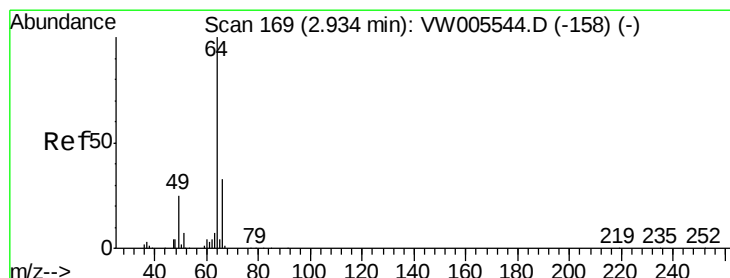
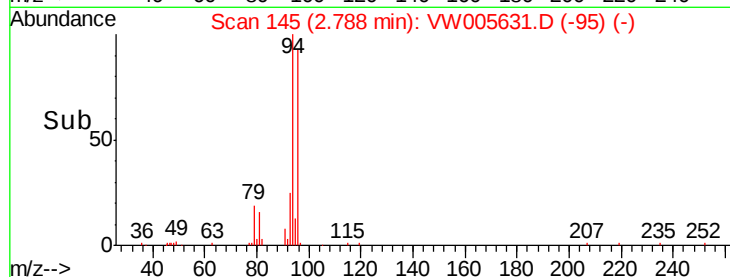
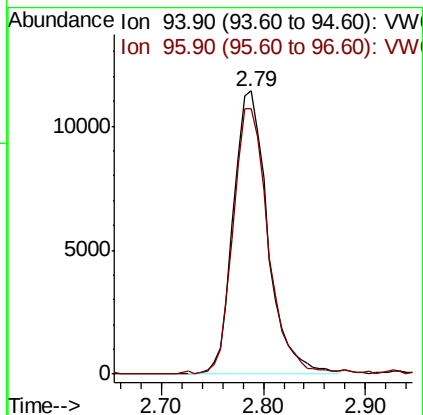
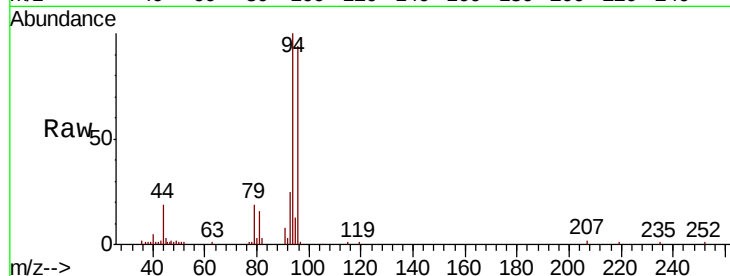
96 92.7 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 19.686 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW005631.D

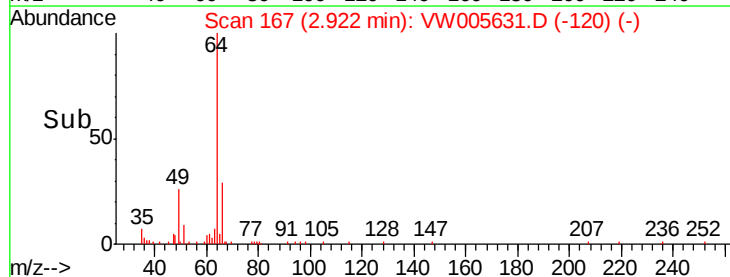
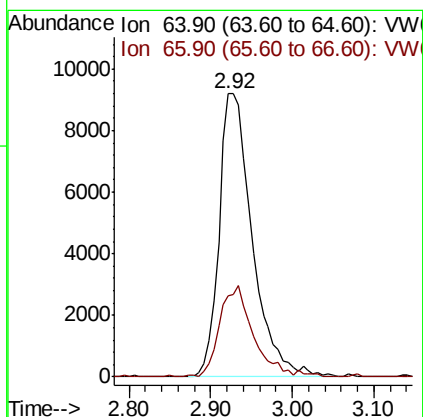
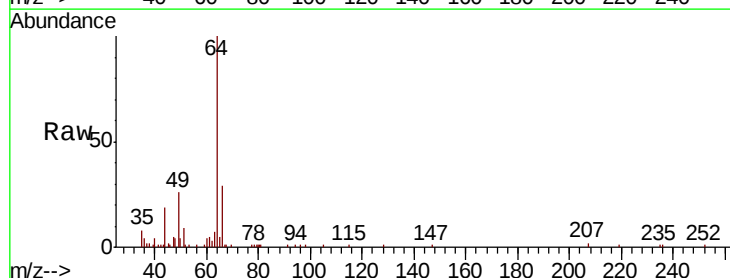
Acq: 26 Sep 2018 02:03

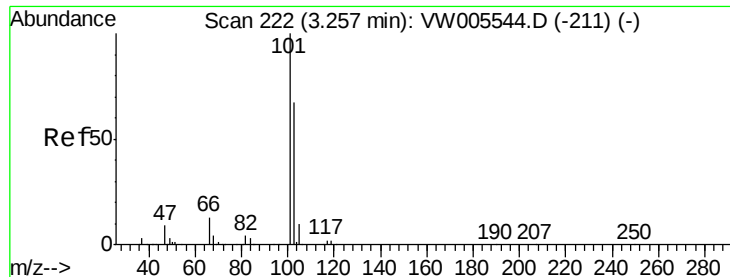
Tgt Ion: 64 Resp: 25965

Ion Ratio Lower Upper

64 100

66 28.6 26.0 39.0





#7

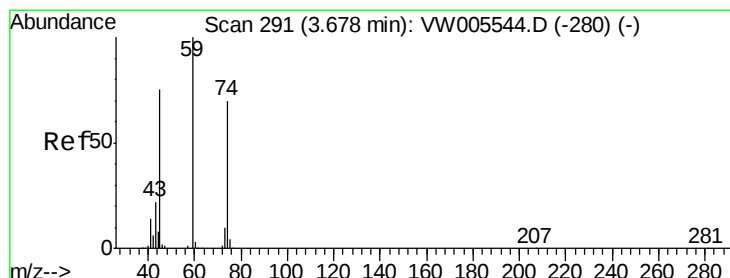
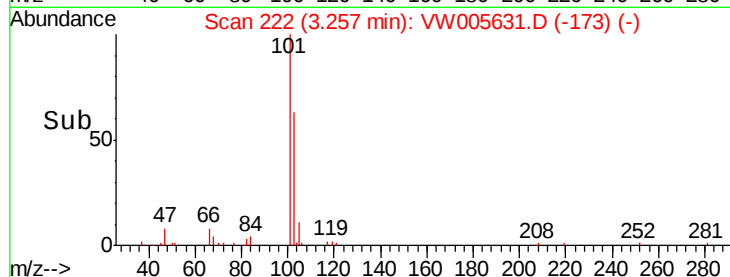
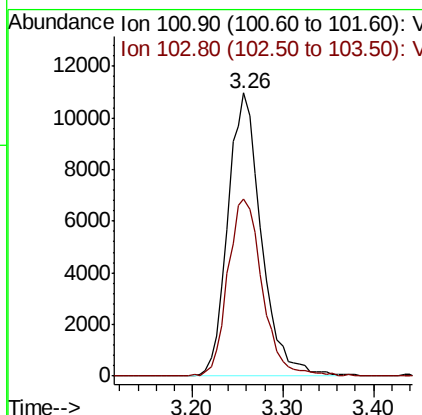
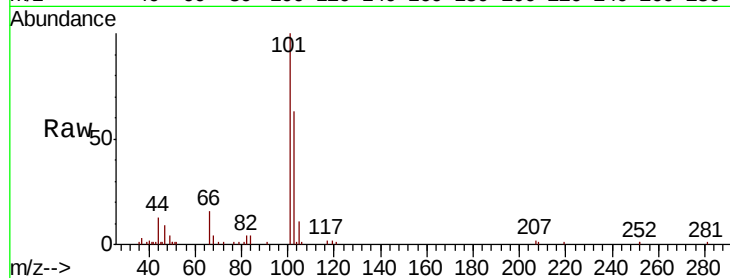
Trichlorofluoromethane
 Concen: 17.403 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

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 VW0925SBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	53.2	79.8

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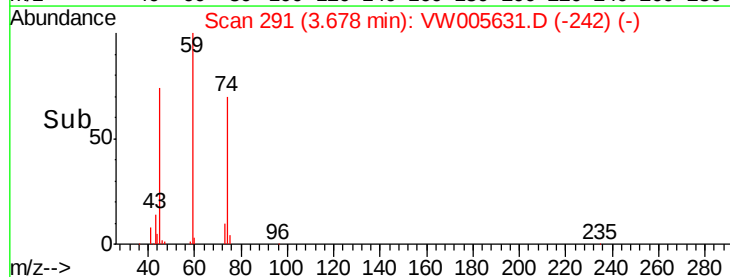
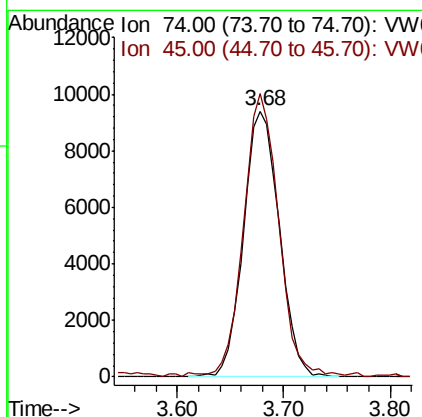
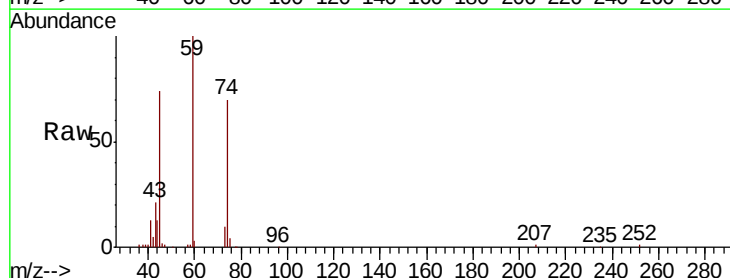
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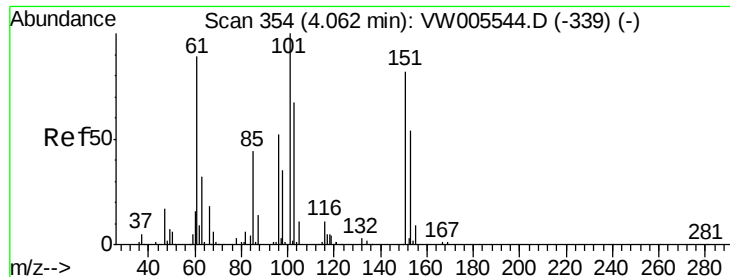


#8

Diethyl Ether
 Concen: 21.129 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.3	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.994 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

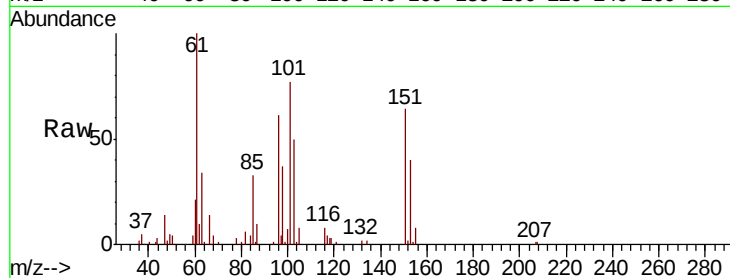
ClientSampleId :

VW0925SBSD02

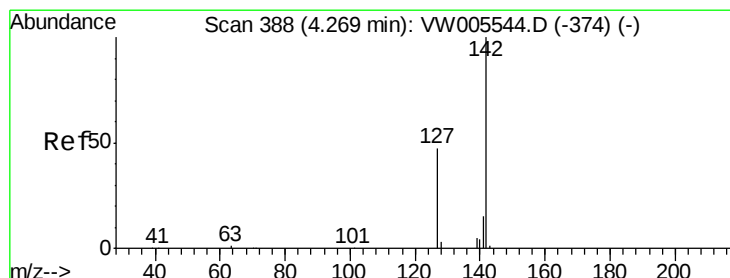
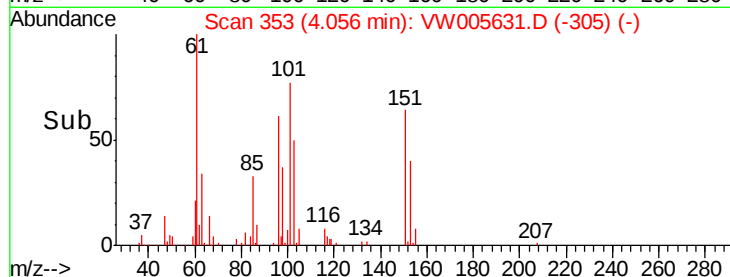
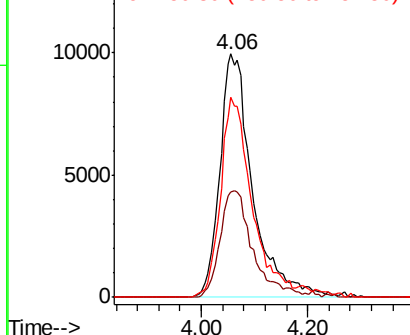
Tot Ion:	101	Resp:	42724
Ion Ratio	Lower	Upper	
101	100		
85	44.0	36.4	54.6
151	78.7	65.8	98.6

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.288 ug/l

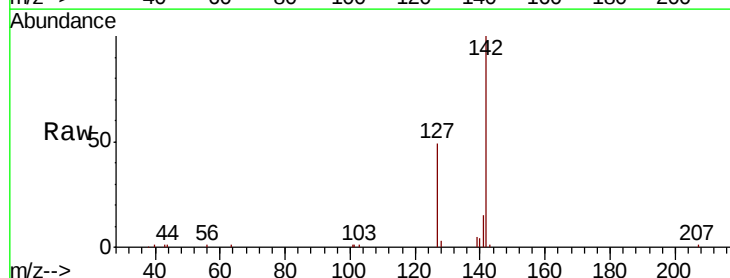
RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

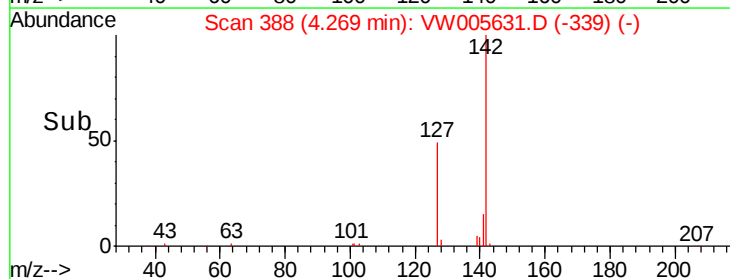
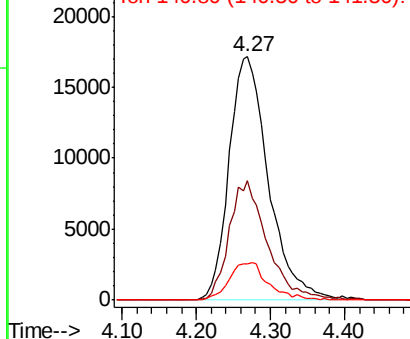
Lab File: VW005631.D

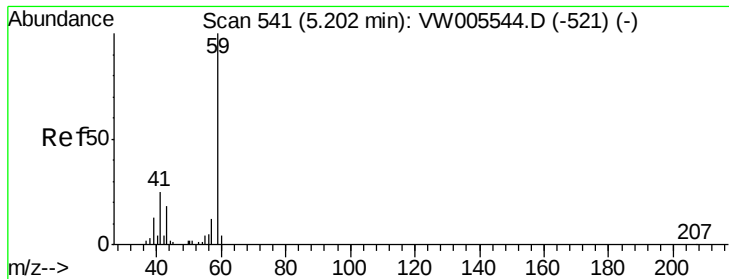
Acq: 26 Sep 2018 02:03

Tgt Ion:	142	Resp:	63496
Ion Ratio	Lower	Upper	
142	100		
127	47.3	37.4	56.0
141	15.2	11.9	17.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 125.337 ug/l

RT: 5.22 min Scan# 544

Delta R.T. 0.02 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

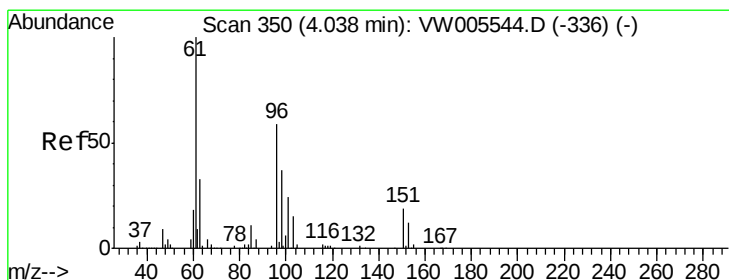
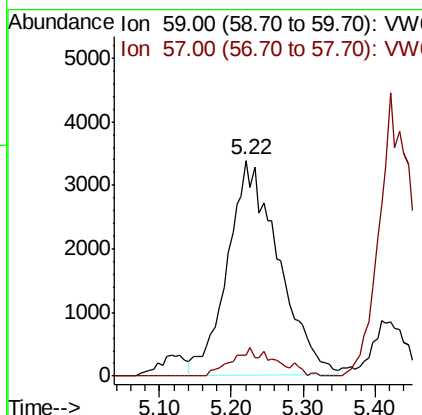
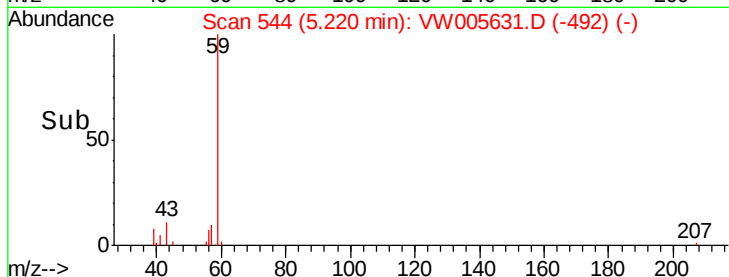
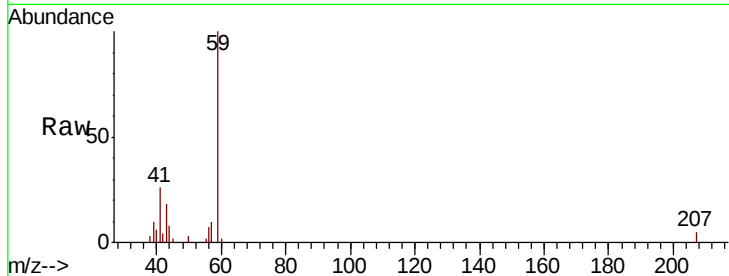
Instrument :
MSVOA_W

ClientSampled :
VW0925SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	100		16463		
57	6.6		8.3	12.5	

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 20.658 ug/l

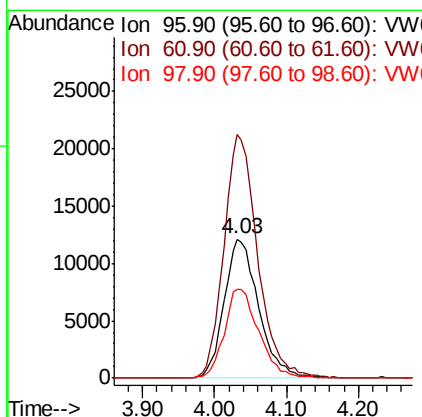
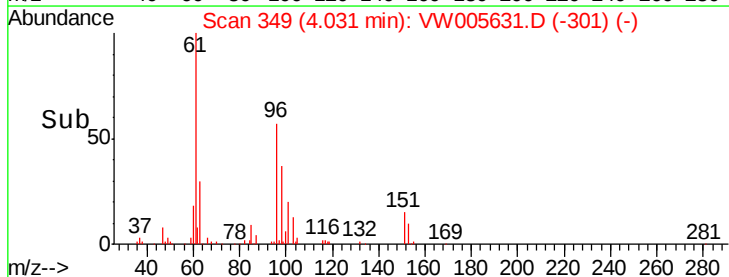
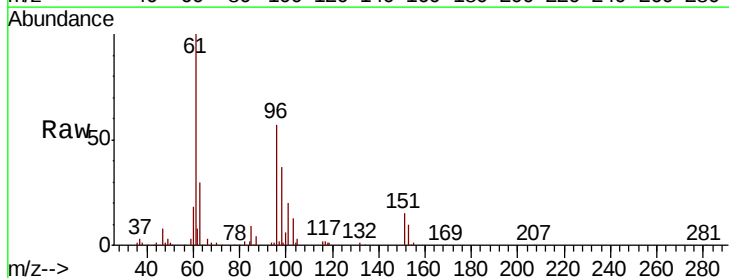
RT: 4.03 min Scan# 349

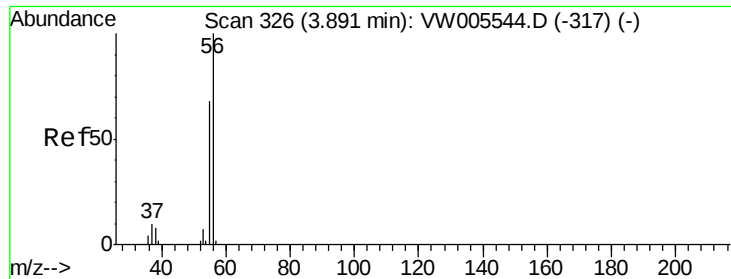
Delta R.T. -0.01 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100		40249		
61	174.8		135.0	202.6	
98	63.8		50.6	76.0	





#13

Acrolein

Concen: 118.413 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD02

Tot Ion: 56 Resp: 11205

Ion Ratio Lower Upper

56 100

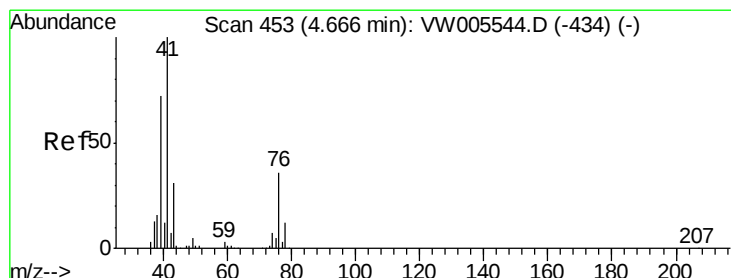
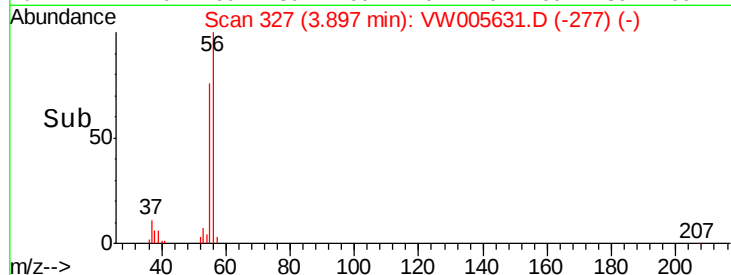
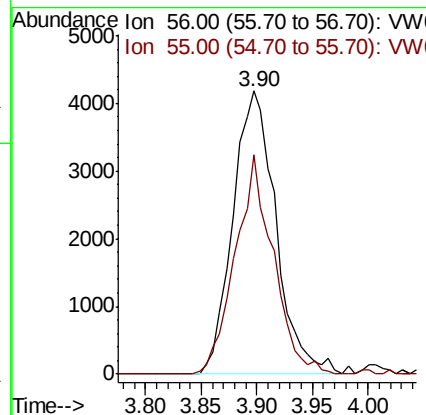
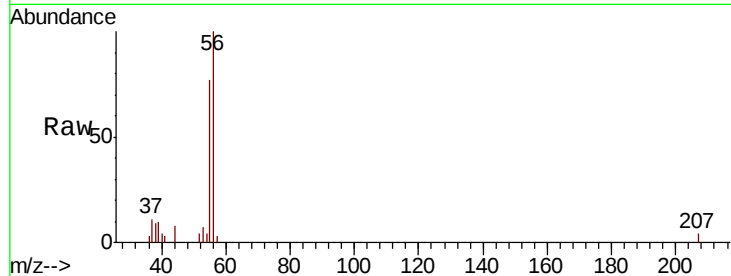
55 69.0 57.8 86.8

Manual Integrations

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#14

Allyl chloride

Concen: 20.172 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

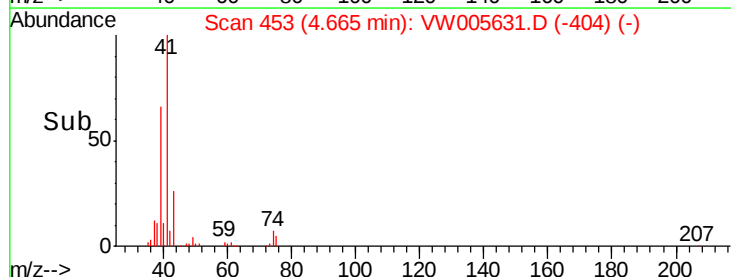
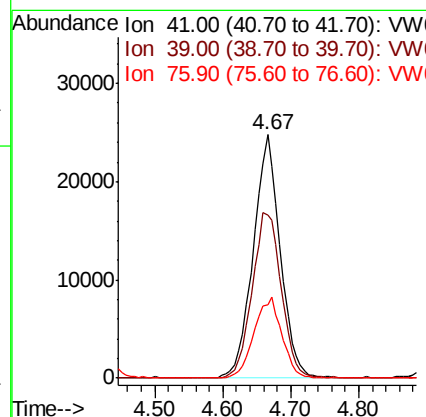
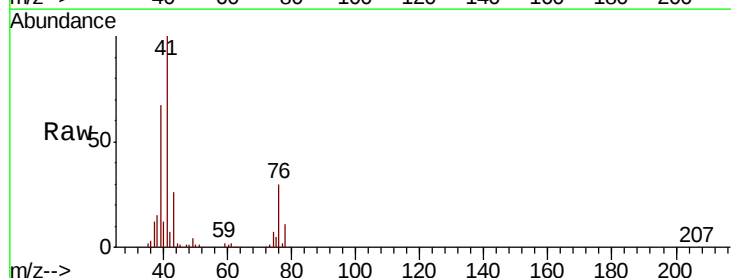
Tgt Ion: 41 Resp: 68589

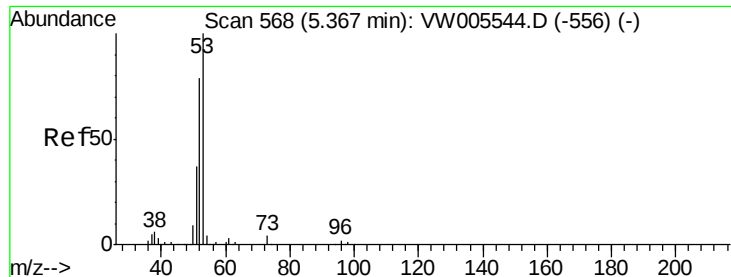
Ion Ratio Lower Upper

41 100

39 73.3 59.6 89.4

76 34.1 27.7 41.5





#15

Acrylonitrile

Concen: 115.024 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

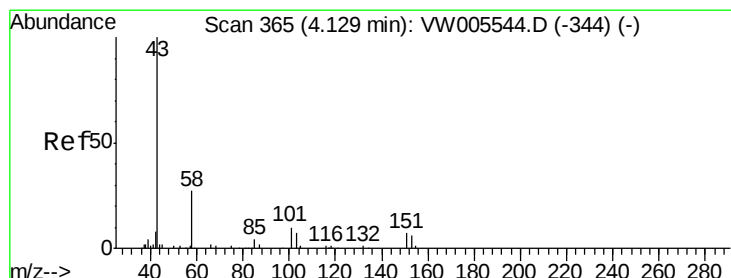
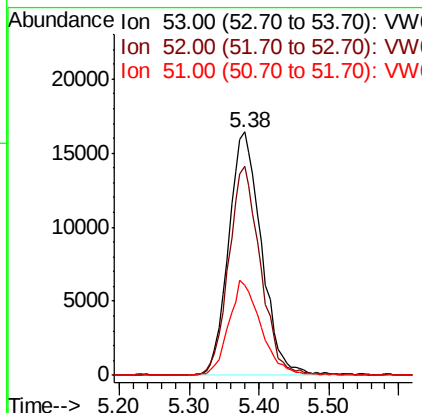
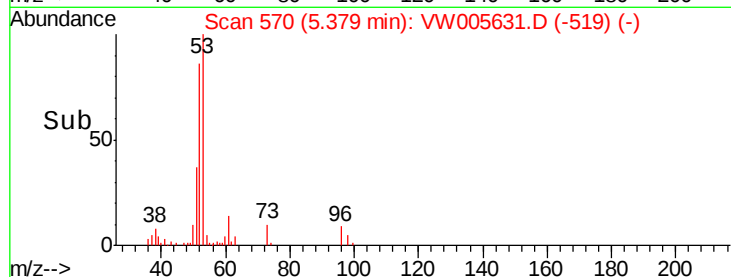
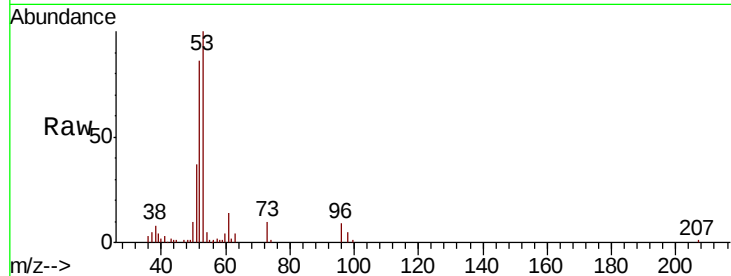
ClientSampleId :

VW0925SBS02

Tot Ion:	53	Resp:	53633
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.5	99.7
51	38.3	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 114.995 ug/l

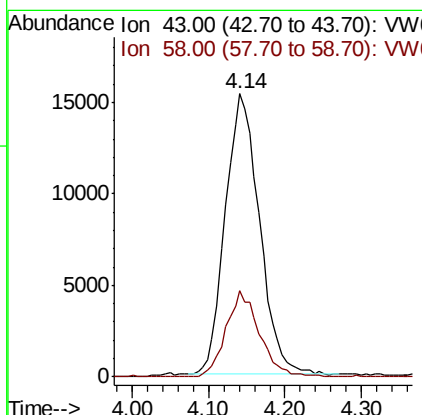
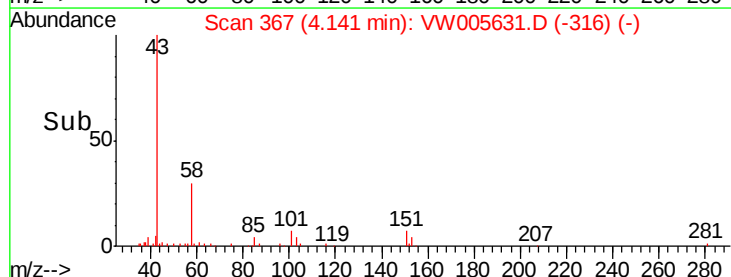
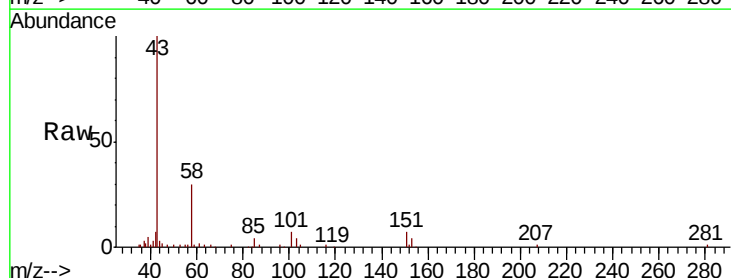
RT: 4.14 min Scan# 367

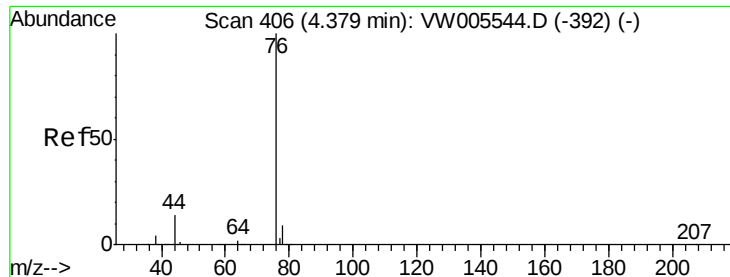
Delta R.T. 0.01 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Tgt Ion:	43	Resp:	47579
Ion	Ratio	Lower	Upper
43	100		
58	30.6	21.8	32.8





#17

Carbon Disulfide

Concen: 19.716 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD02

Tot Ion: 76 Resp: 120019

Ion Ratio Lower Upper

76 100

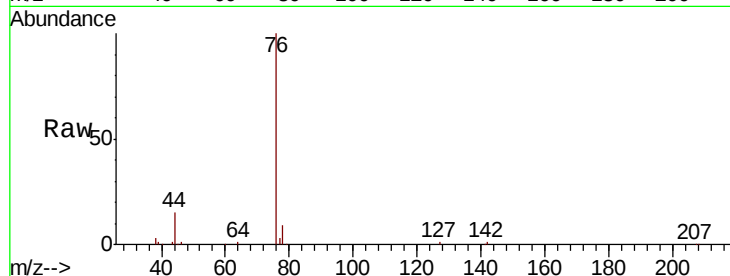
78 8.8 7.4 11.0

Manual Integrations

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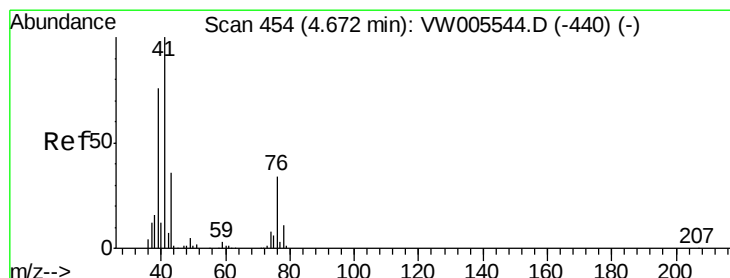
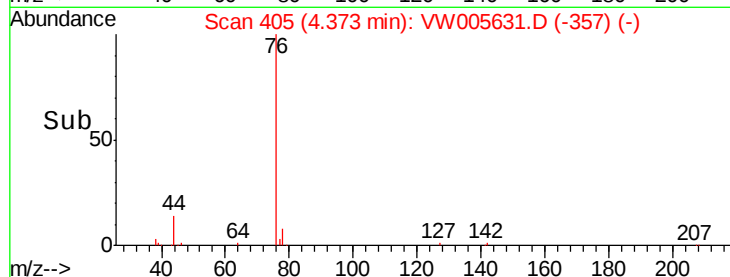
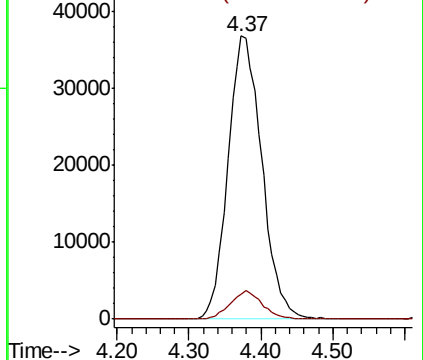
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 21.561 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005631.D

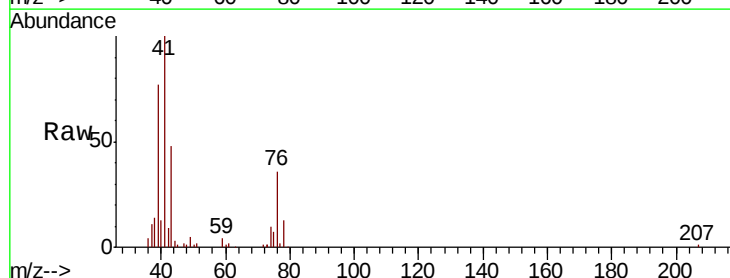
Acq: 26 Sep 2018 02:03

Tgt Ion: 43 Resp: 25754

Ion Ratio Lower Upper

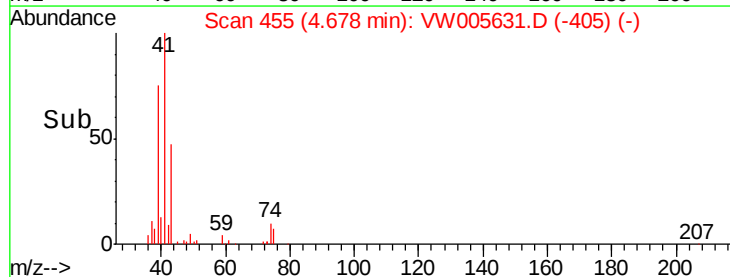
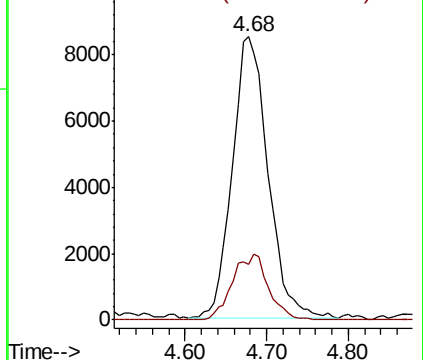
43 100

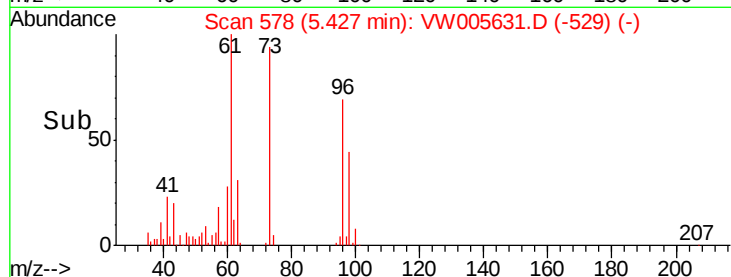
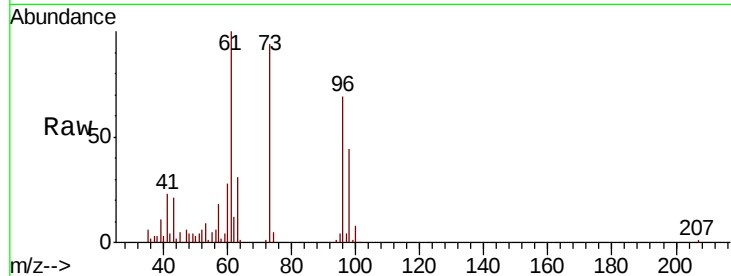
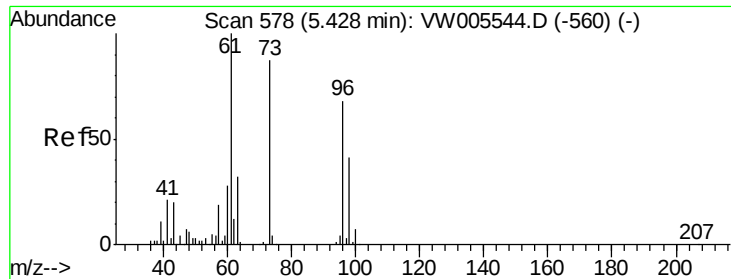
74 23.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





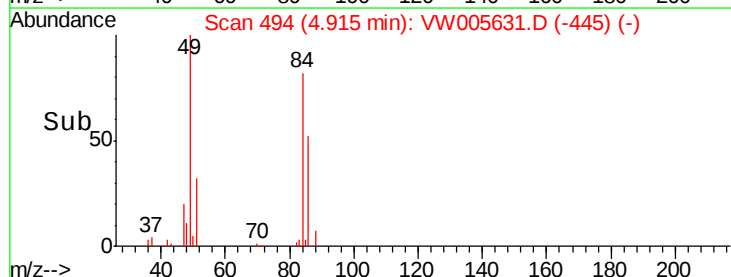
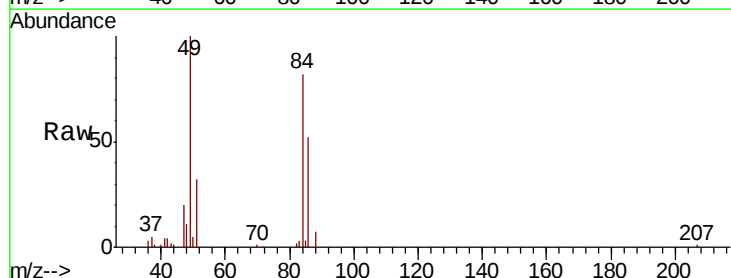
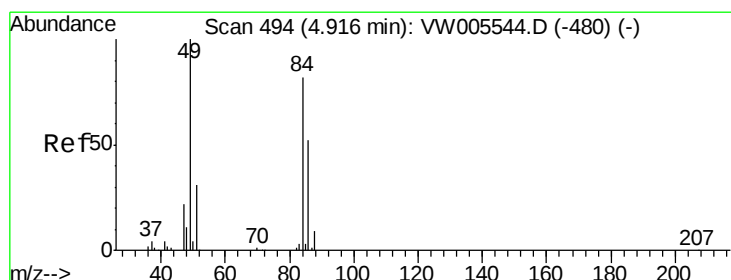
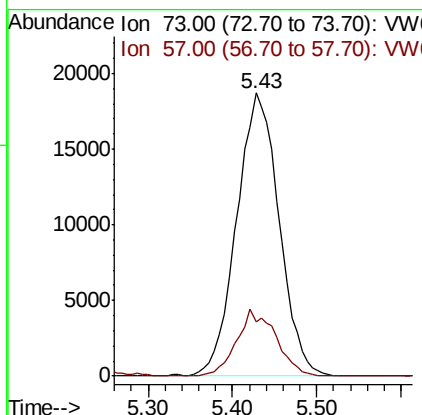
#19
Methyl tert-butyl Ether
Concen: 21.303 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.2	17.6	26.4

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

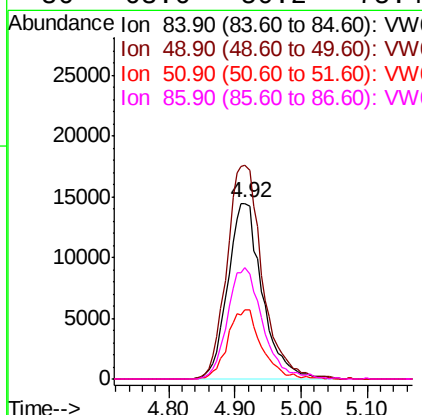
Manual Integrations
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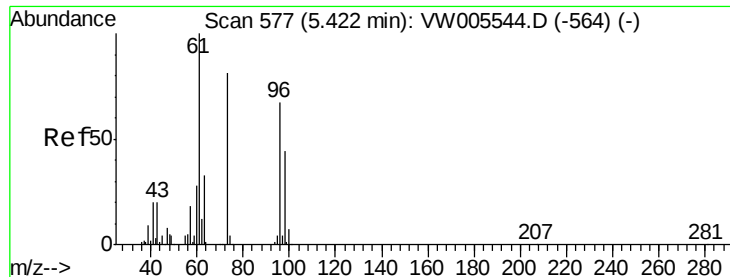
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#20
Methylene Chloride
Concen: 22.354 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.5	97.0	145.6
51	39.0	30.2	45.2
86	63.6	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 20.200 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

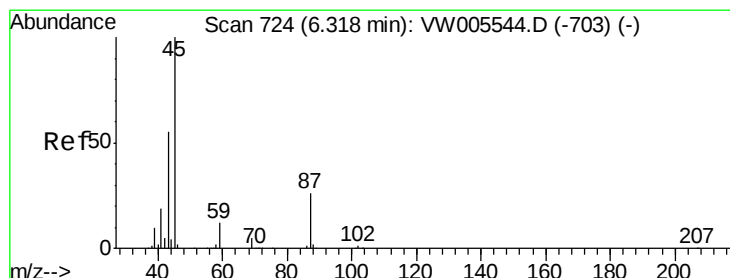
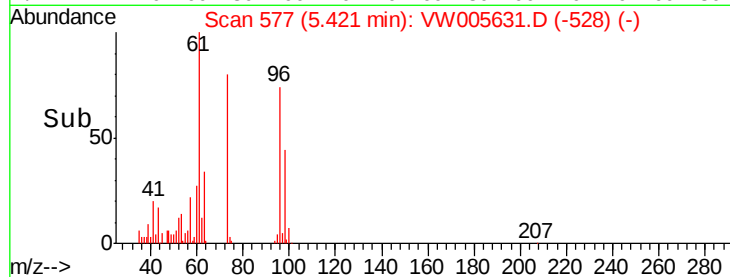
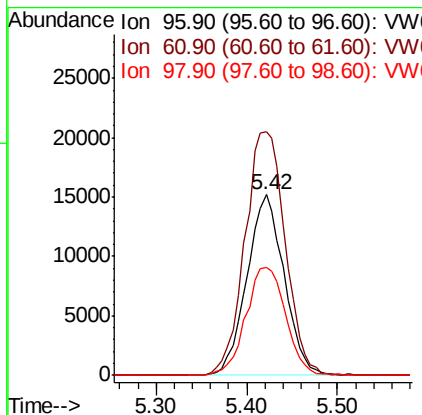
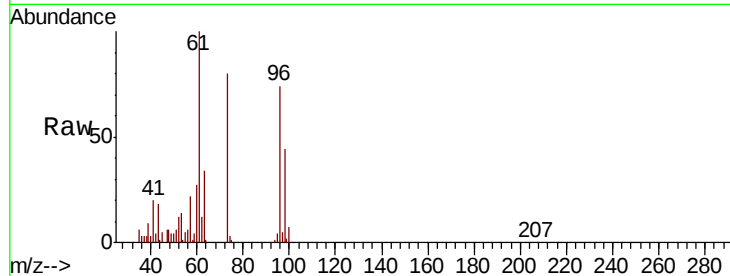
ClientSampleId :

VW0925SBSD02

Tot Ion:	96	Resp:	43107
Ion	Ratio	Lower	Upper
96	100		
61	135.0	118.9	178.3
98	59.6	52.1	78.1

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#22

Diisopropyl ether

Concen: 21.475 ug/l

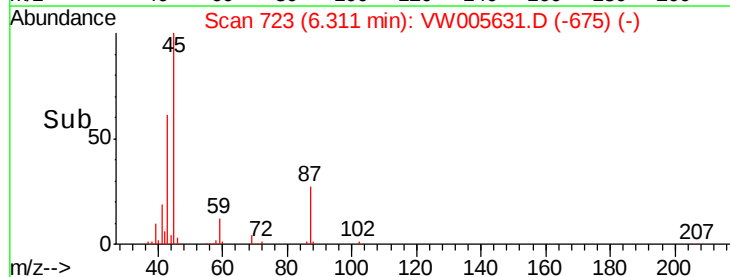
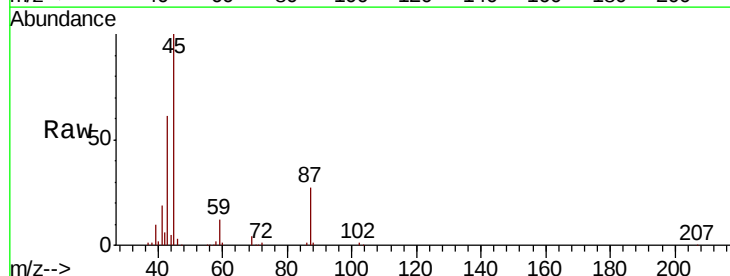
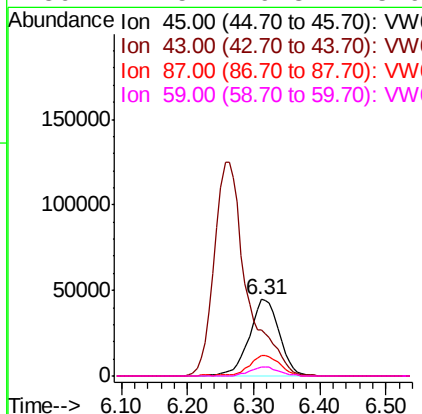
RT: 6.31 min Scan# 723

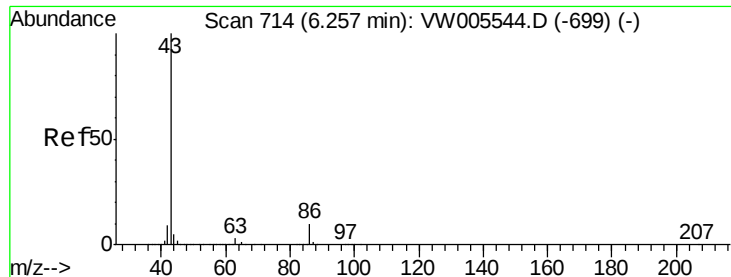
Delta R.T. -0.01 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Tgt Ion:	45	Resp:	141747
Ion	Ratio	Lower	Upper
45	100		
43	60.7	44.2	66.4
87	26.9	21.4	32.2
59	11.5	9.3	13.9





#23

Vinyl Acetate

Concen: 112.685 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD02

Tot Ion: 43 Resp: 425129

Ion Ratio Lower Upper

43 100

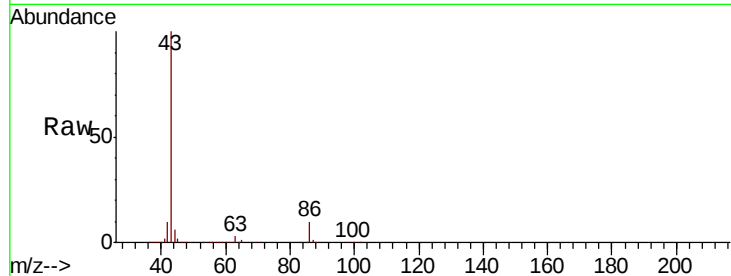
86 10.3 7.7 11.5

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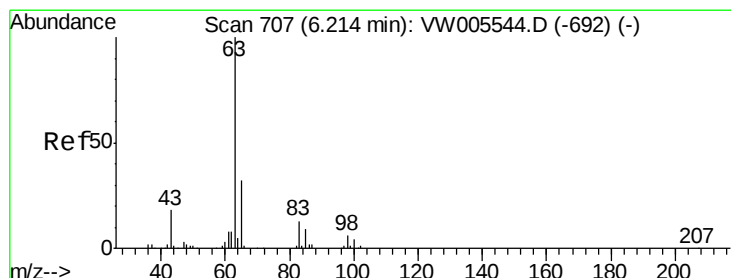
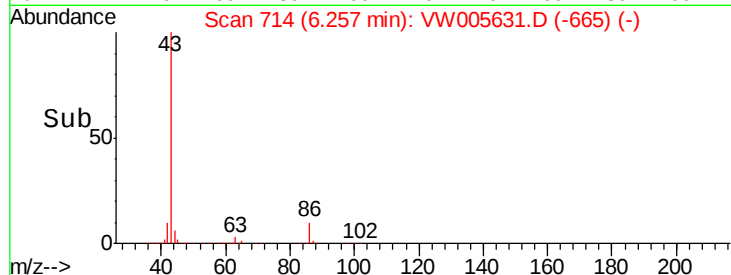
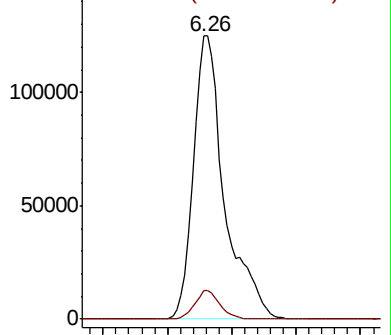
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.426 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

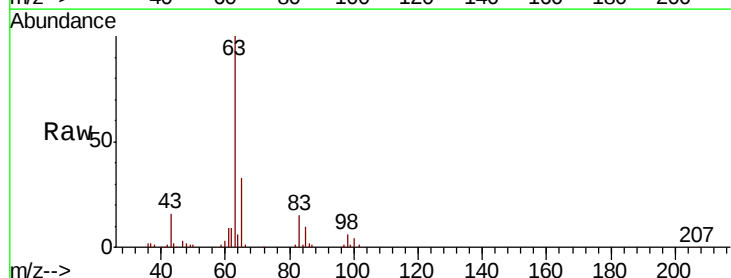
Tgt Ion: 63 Resp: 83301

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

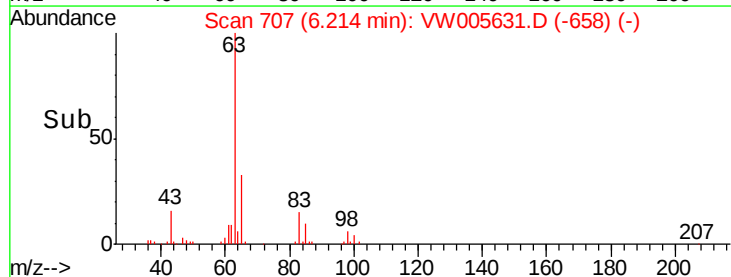
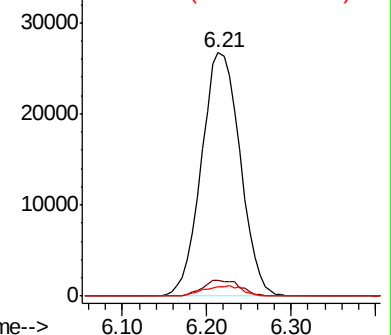
100 4.0 2.1 6.2

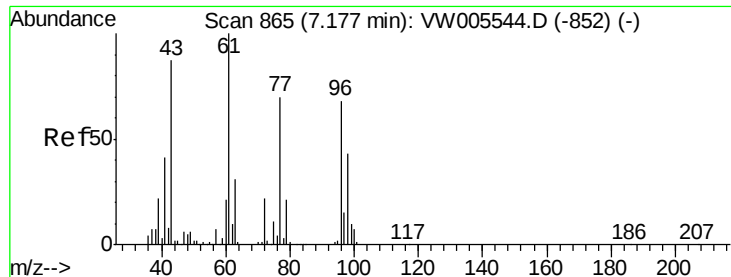


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 110.212 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampled :

VW0925SBS02

Tot Ion: 43 Resp: 67460

Ion Ratio Lower Upper

43 100

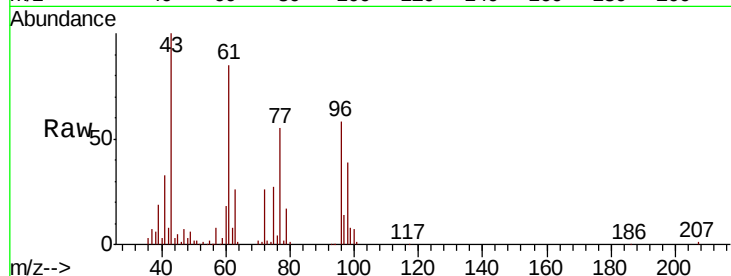
72 25.8 19.9 29.9

Manual Integrations

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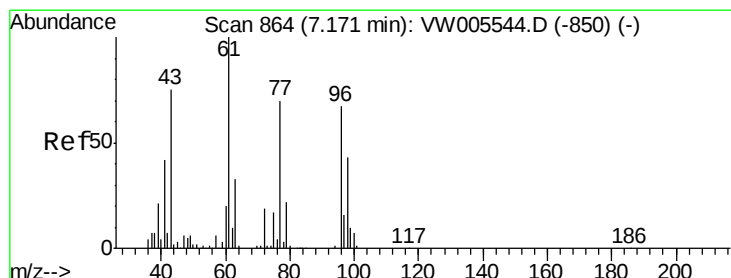
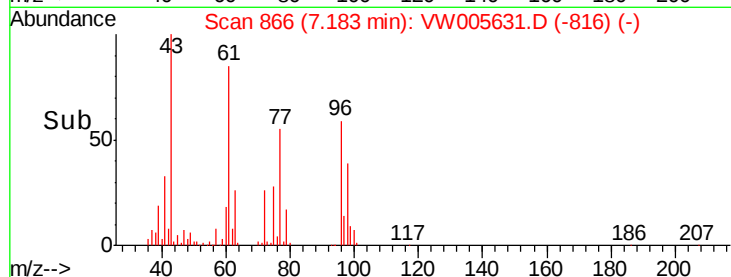
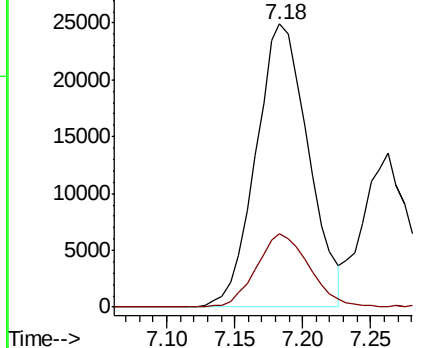
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 18.138 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005631.D

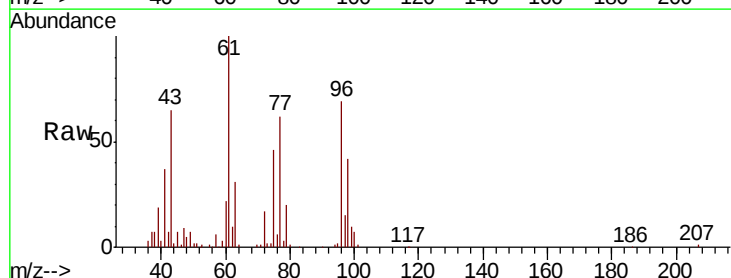
Acq: 26 Sep 2018 02:03

Tgt Ion: 77 Resp: 51641

Ion Ratio Lower Upper

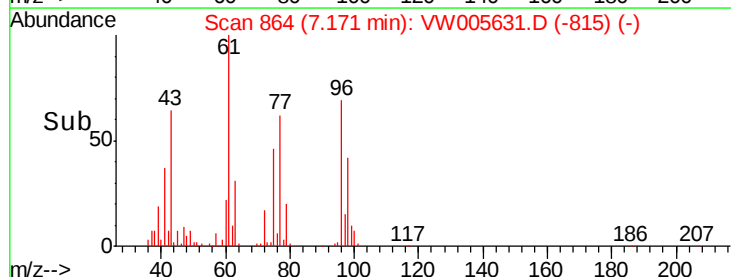
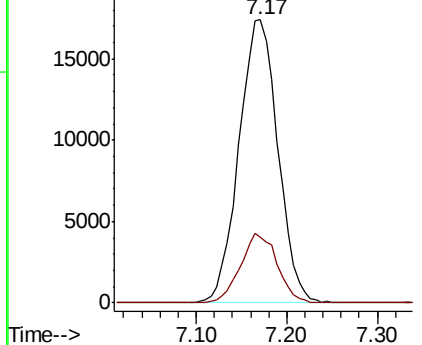
77 100

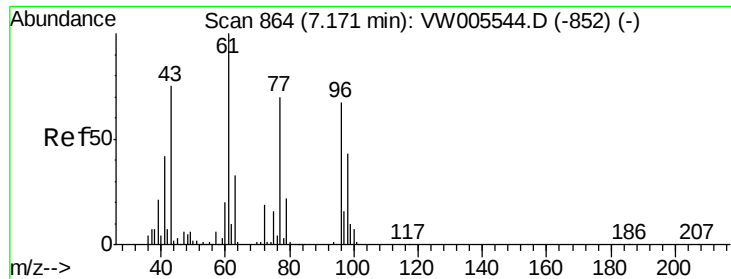
97 23.1 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

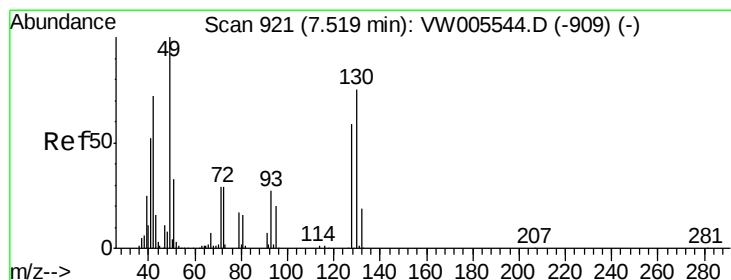
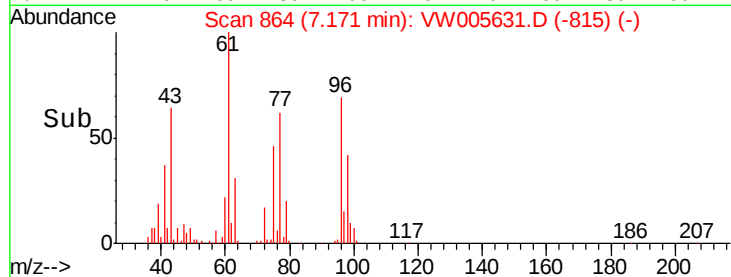
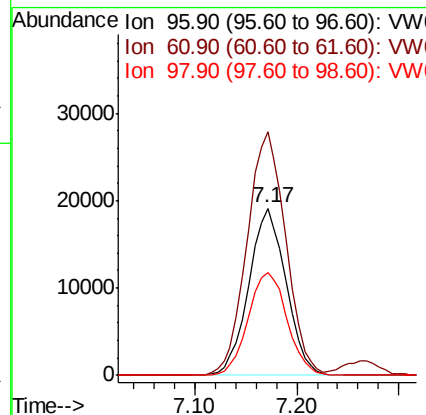
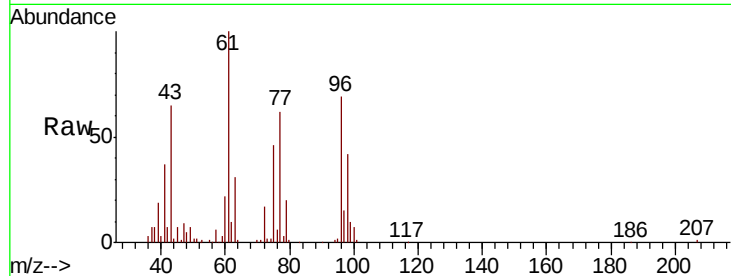
cis-1,2-Dichloroethene
 Concen: 20.707 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	150.9	0.0	303.4	
98	63.9	0.0	127.2	

Manual Integrations
 APPROVED

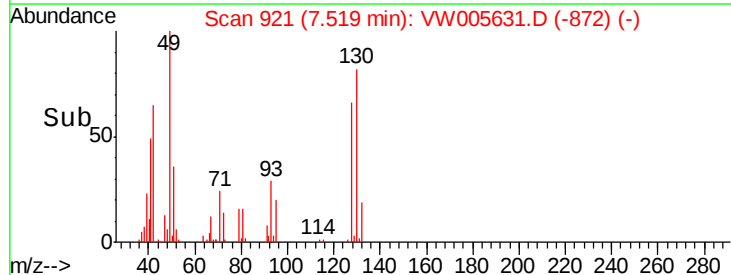
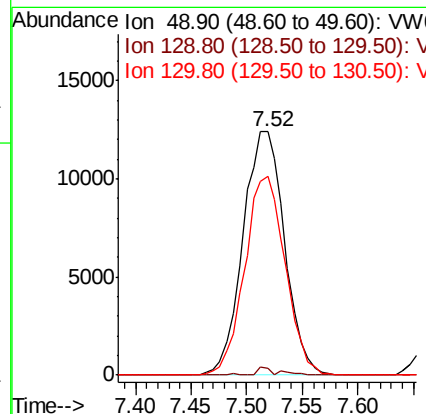
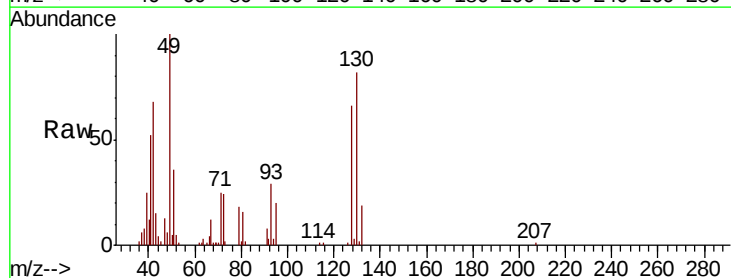
apatel
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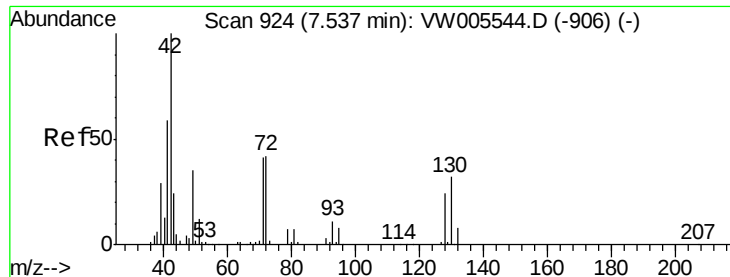


#28

Bromochloromethane
 Concen: 19.907 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.9	0.0	1.4	
130	79.8	61.3	91.9	





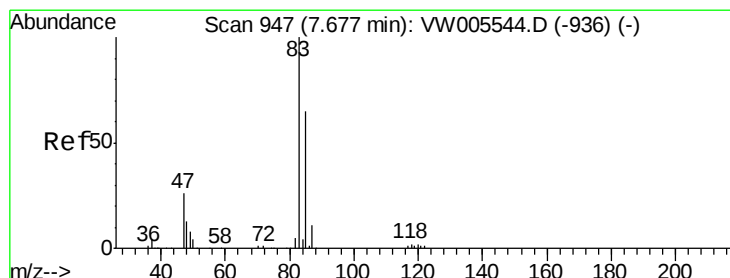
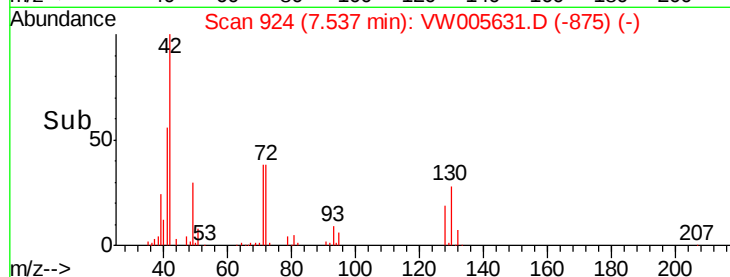
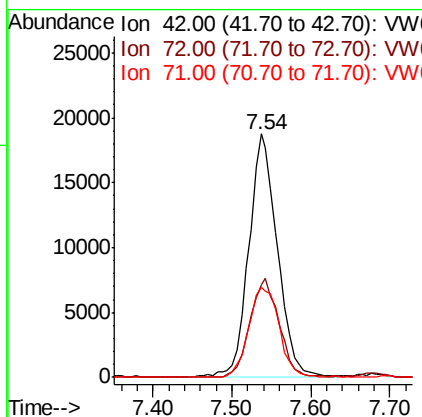
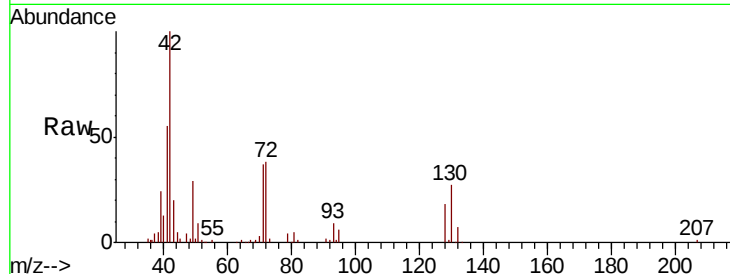
#29
Tetrahydrofuran
Concen: 123.725 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	33.6	50.4
71	39.5	31.8	47.6

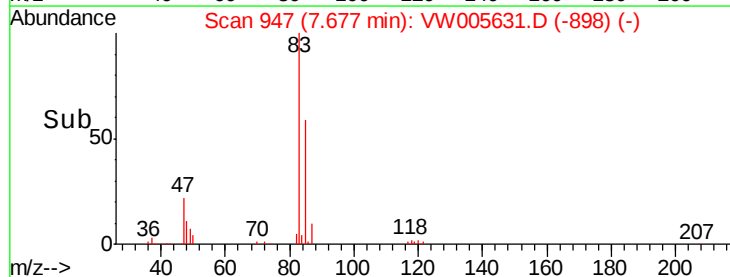
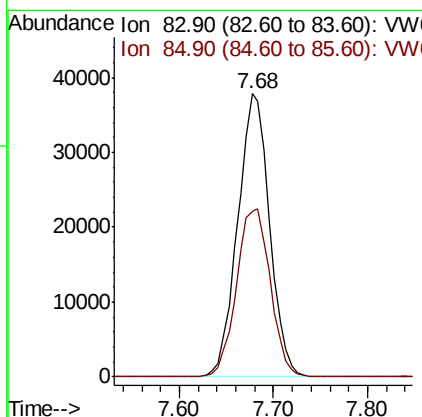
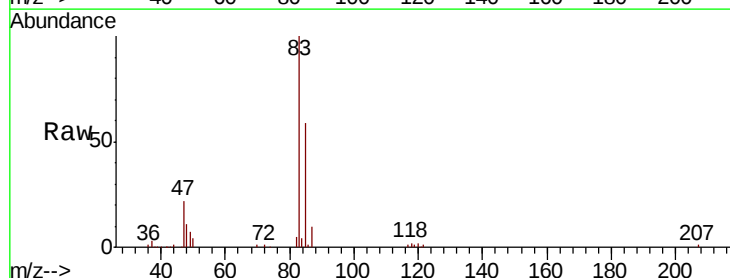
Manual Integrations
APPROVED

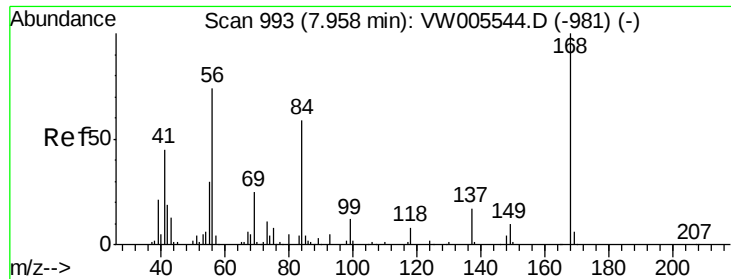
apatel
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#30
Chloroform
Concen: 21.238 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.7	51.8	77.6





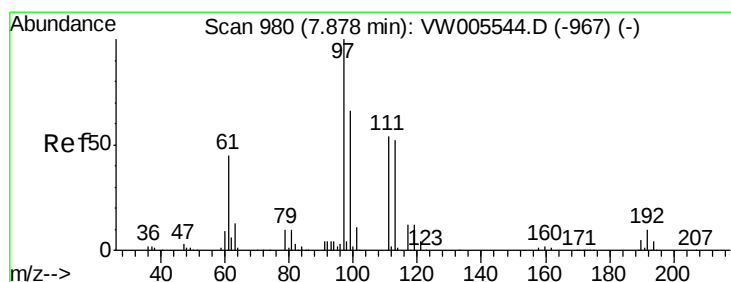
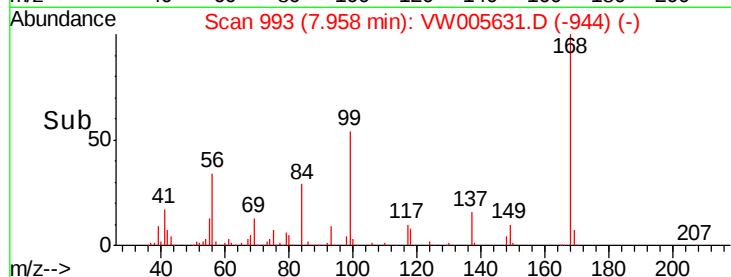
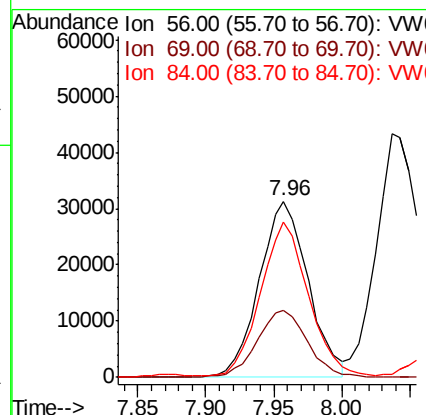
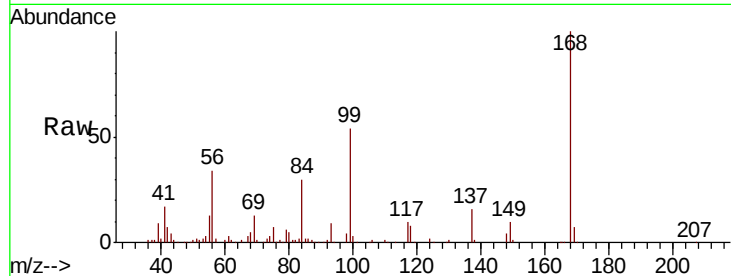
#31
Cyclohexane
Concen: 20.095 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.7	27.0	40.4
84	87.2	64.2	96.4

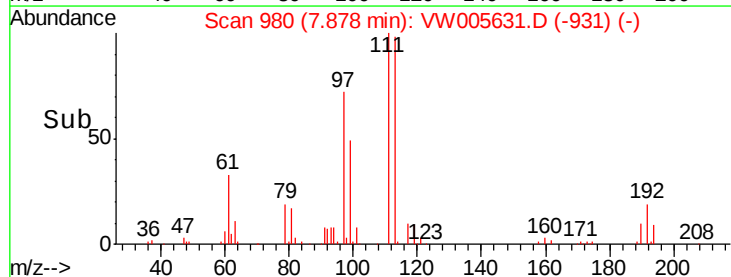
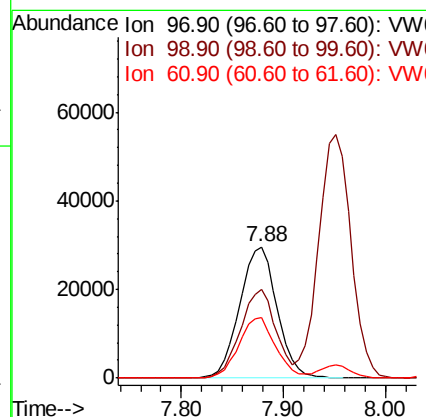
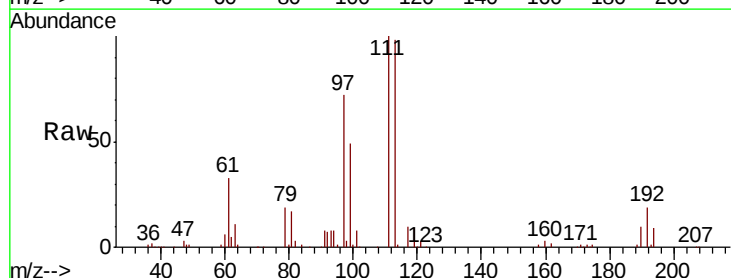
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 20.248 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.0	76.6
61	45.2	36.2	54.2





#33

1,2-Dichloroethane-d4

Concen: 52.515 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

Tot Ion: 65 Resp: 132348

Ion Ratio Lower Upper

65 100

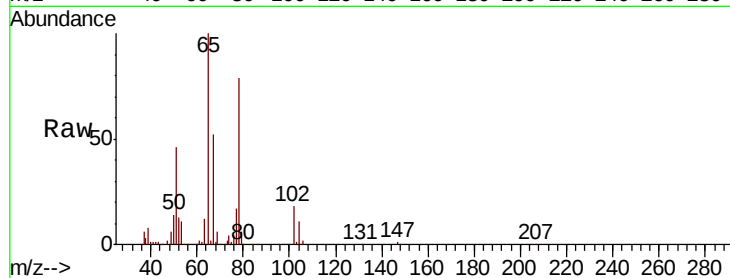
67 51.6 0.0 100.6

Manual Integrations

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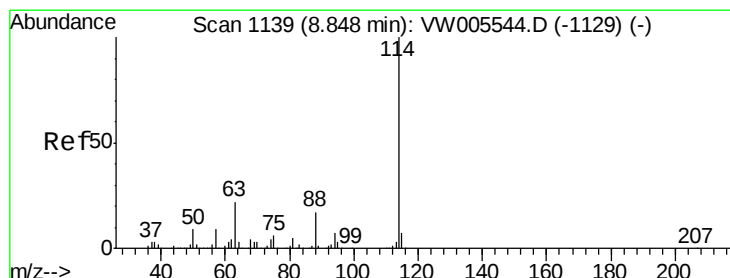
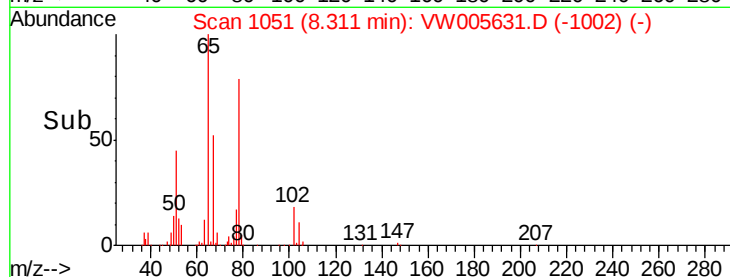
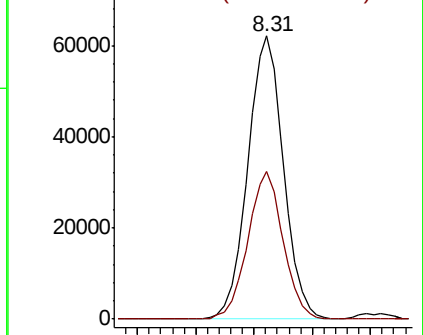
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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

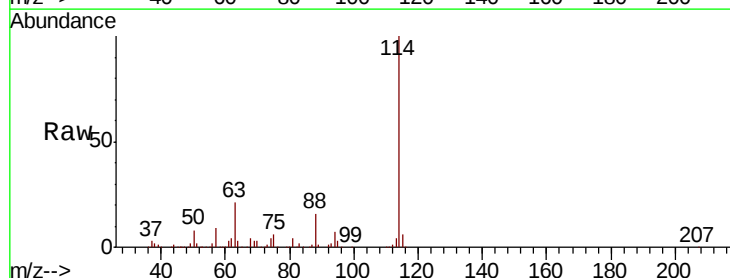
Tgt Ion: 114 Resp: 327419

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.0

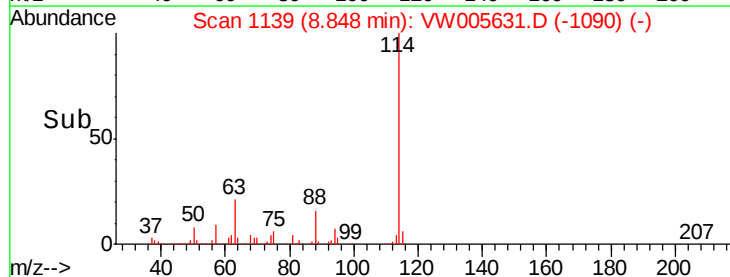
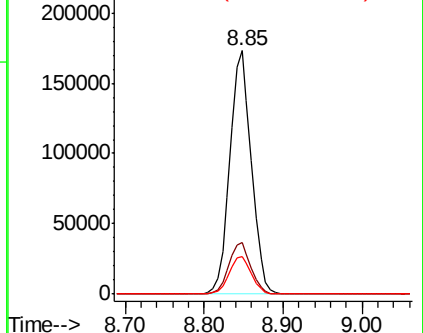
88 15.6 0.0 33.0

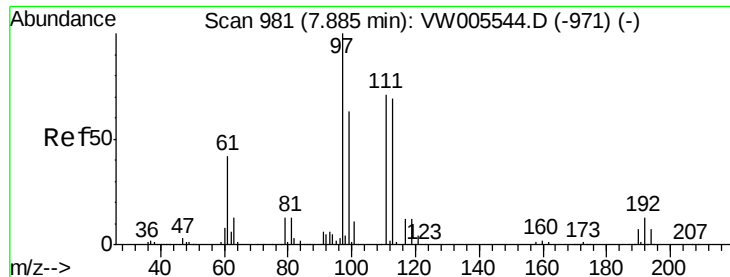


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





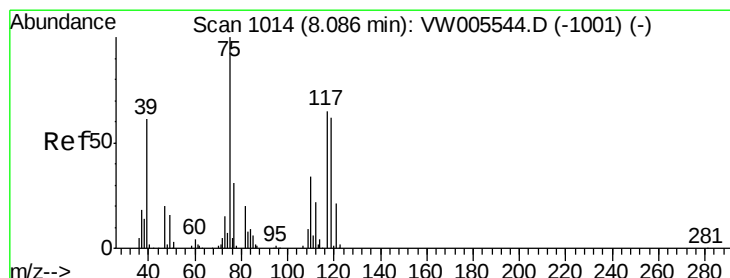
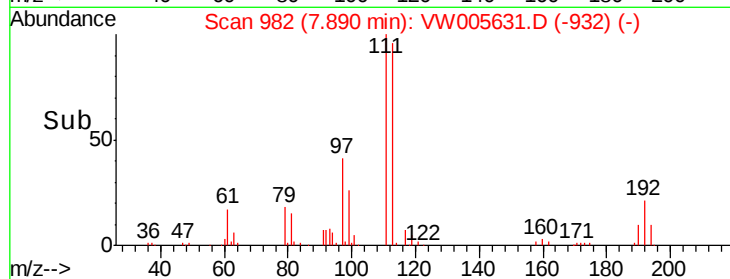
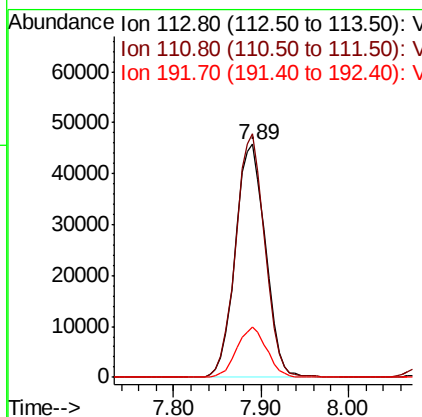
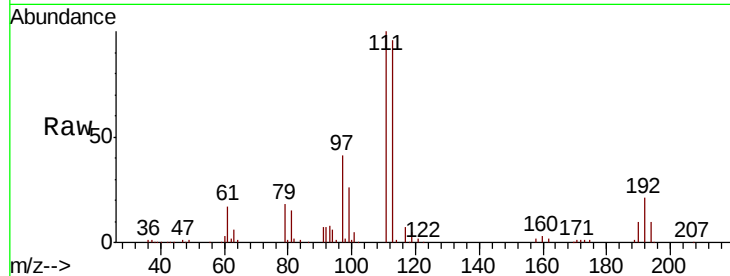
#35
 Dibromofluoromethane
 Concen: 53.205 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	109549		
111	100.9	82.6	123.8	
192	21.1	17.0	25.4	

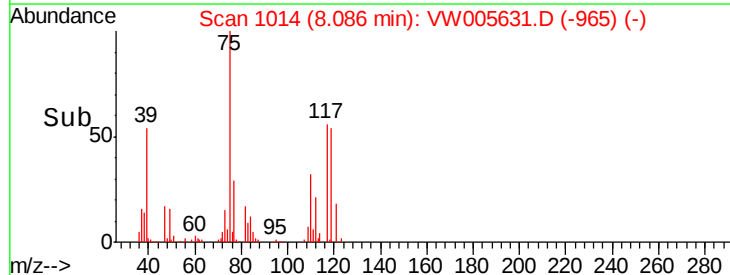
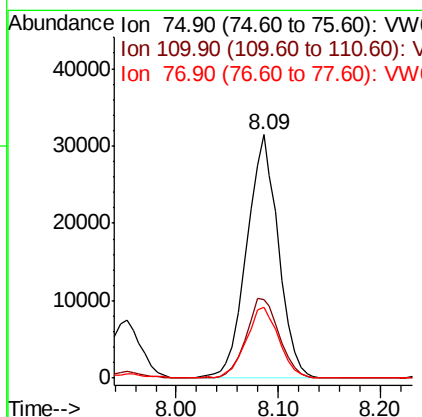
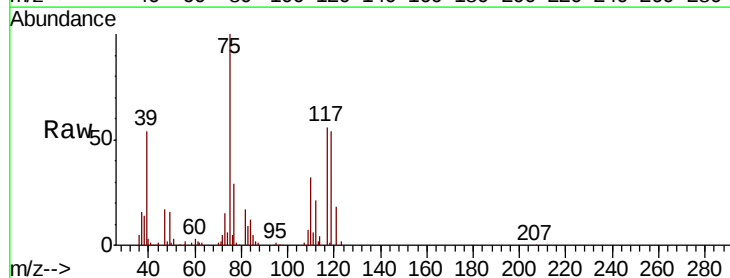
Manual Integrations
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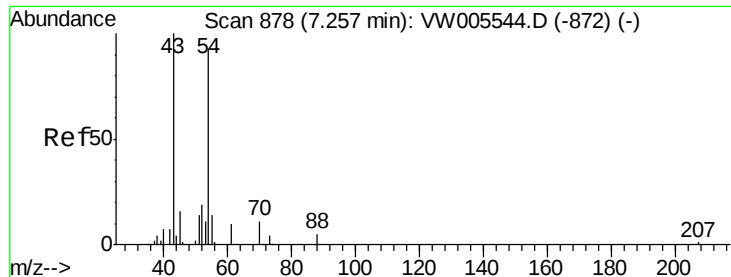
apatel
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#36
 1,1-Dichloropropene
 Concen: 20.614 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	67944		
110	34.2	17.0	50.9	
77	30.3	24.8	37.2	





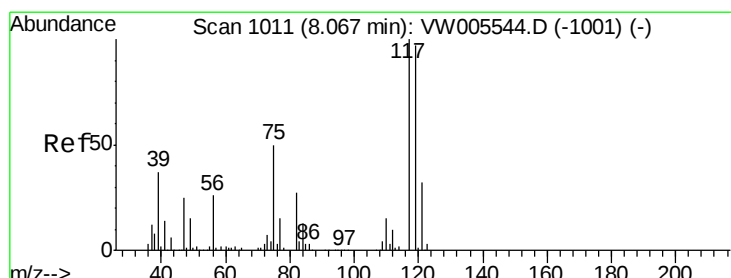
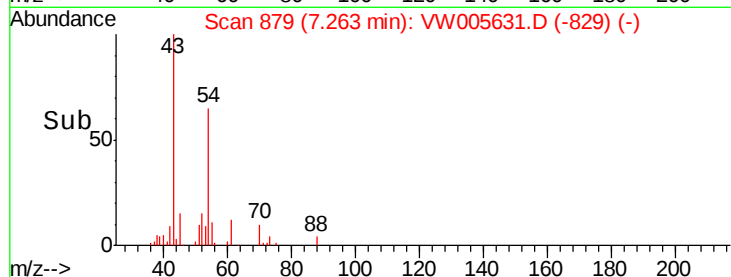
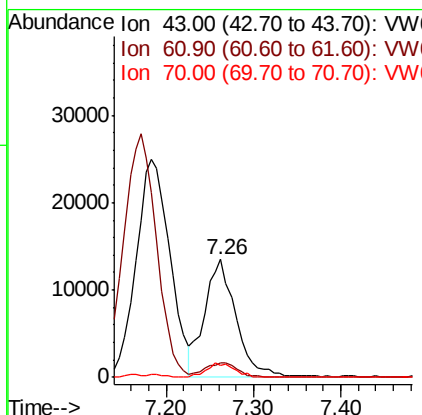
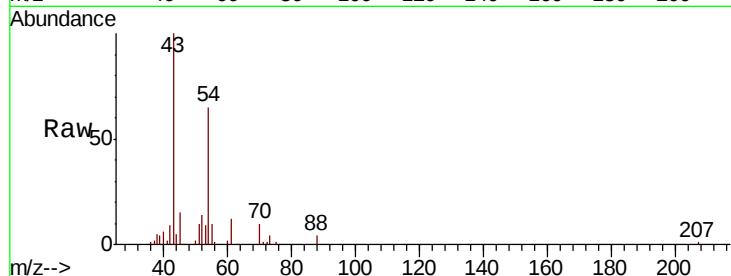
#37
Ethyl Acetate
Concen: 24.239 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.4	15.6
70	10.5	8.2	12.2

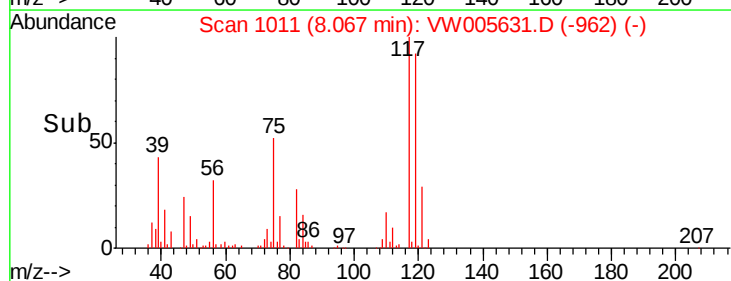
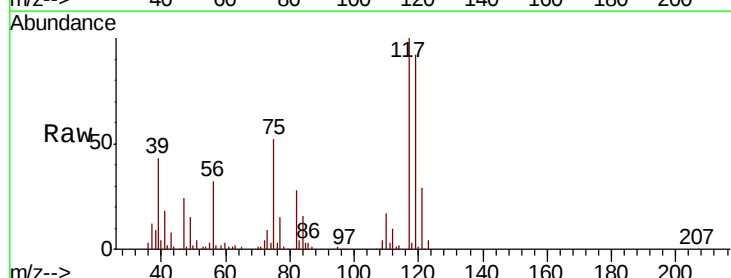
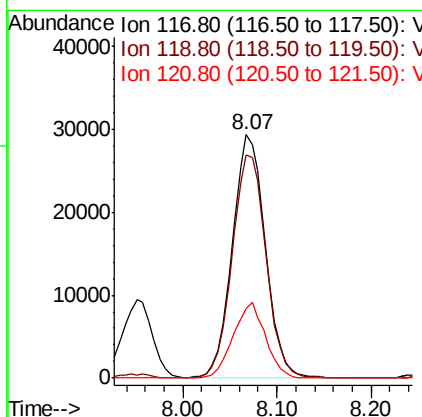
Manual Integrations
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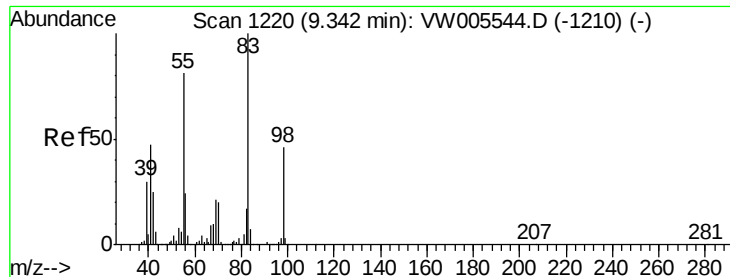
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#38
Carbon Tetrachloride
Concen: 20.303 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	77.6	116.4
121	28.6	25.7	38.5





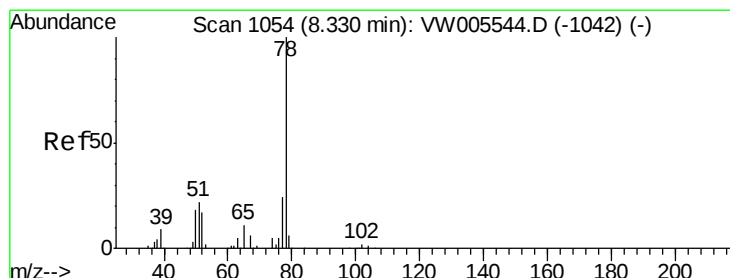
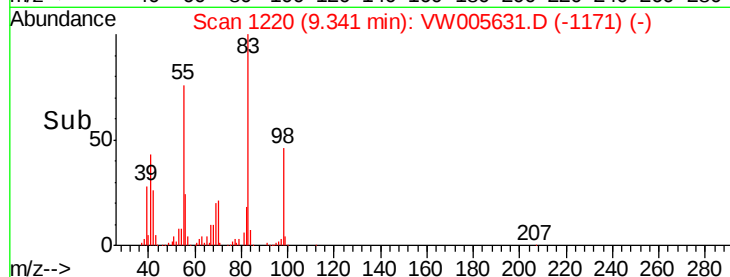
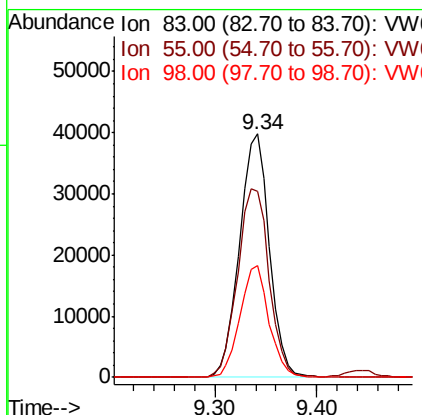
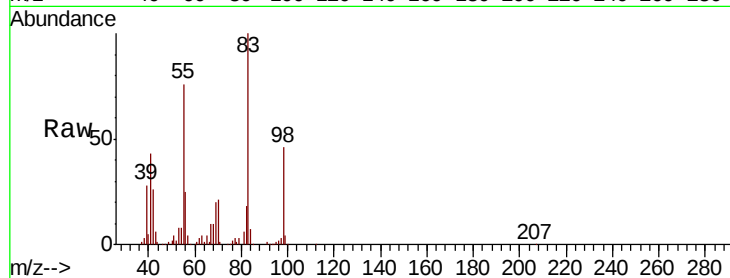
#39
Methvlcvclohexane
Concen: 20.778 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	64.6	97.0
98	46.1	37.0	55.6

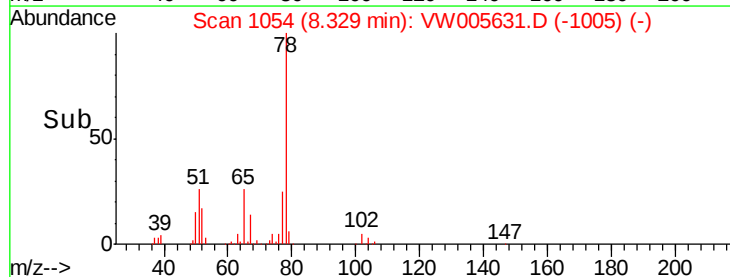
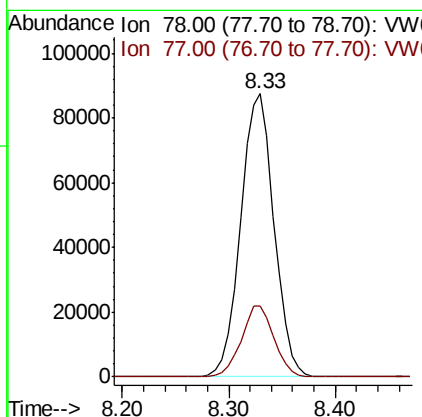
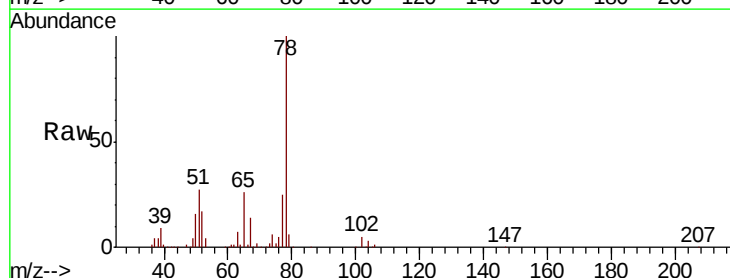
Manual Integrations
APPROVED

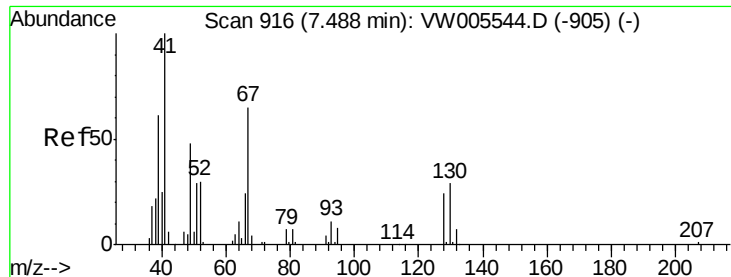
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#40
Benzene
Concen: 20.559 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.0	28.4





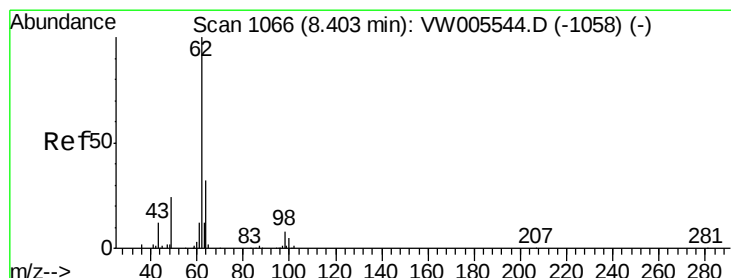
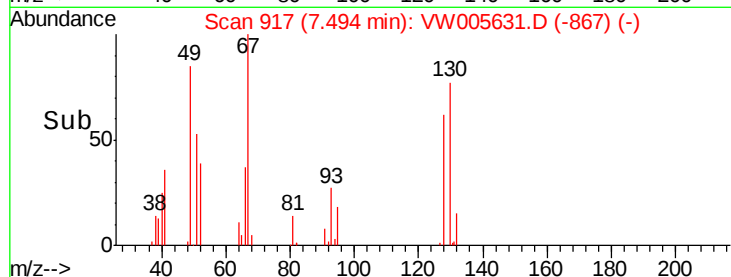
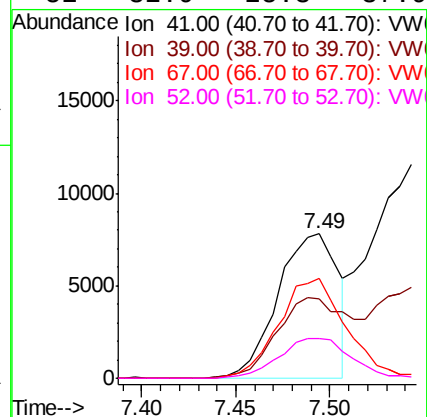
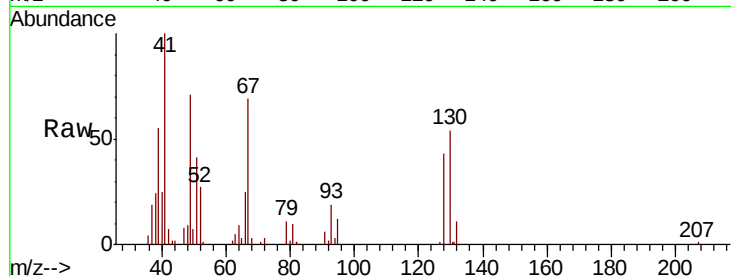
#41
Methacrylonitrile
Concen: 22.035 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampled :
VW0925SBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.1	45.4	68.2
67	77.0	55.2	82.8
52	32.9	25.3	37.9

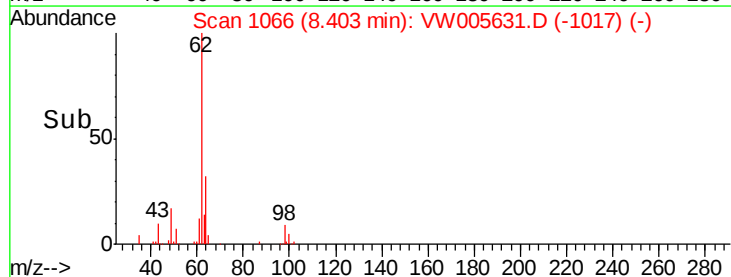
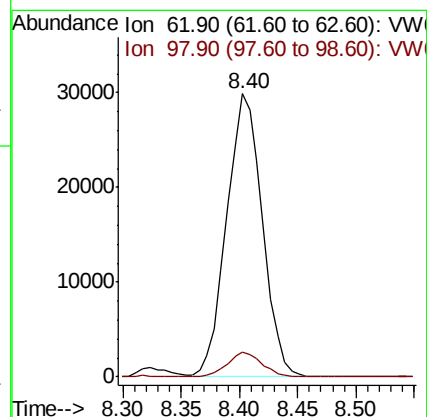
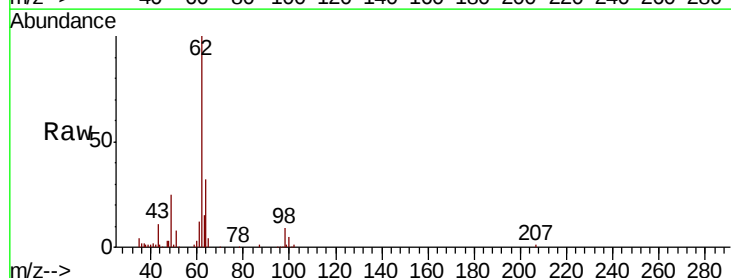
Manual Integrations
APPROVED

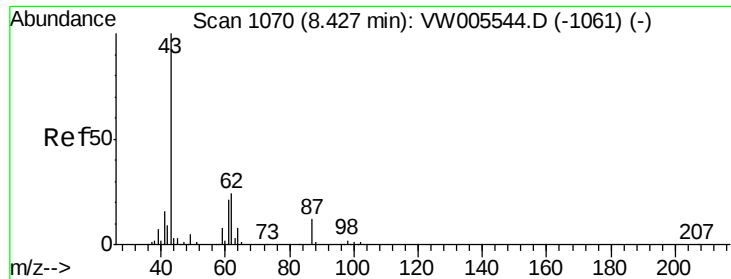
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9/26/2018 2:38:35 PM



#42
1,2-Dichloroethane
Concen: 21.206 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.6





#43

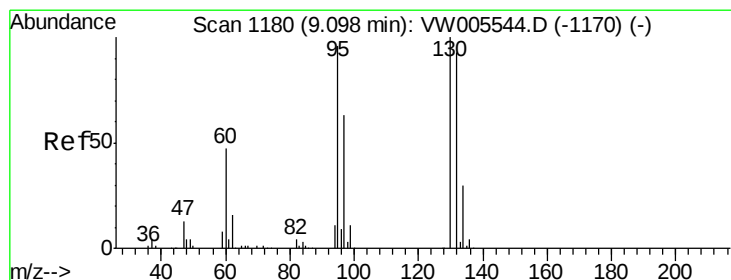
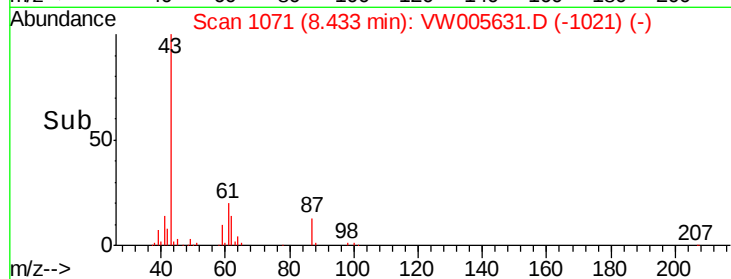
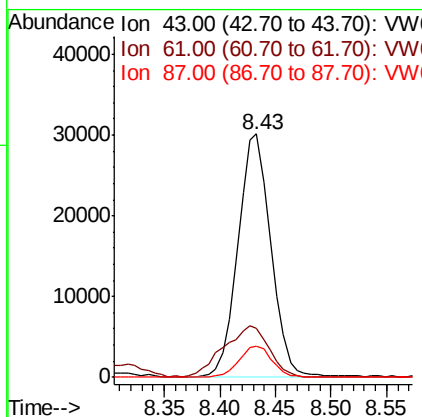
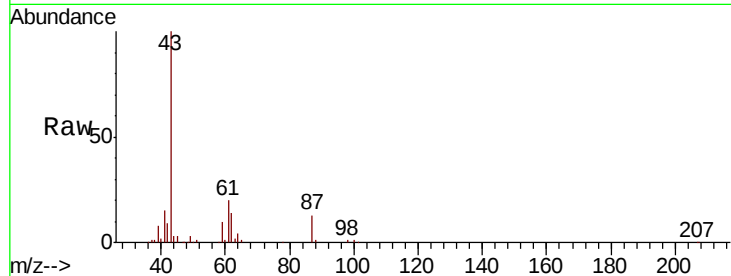
Isopropyl Acetate
 Concen: 22.739 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.3	24.1	36.1
87	12.8	9.8	14.8

Manual Integrations
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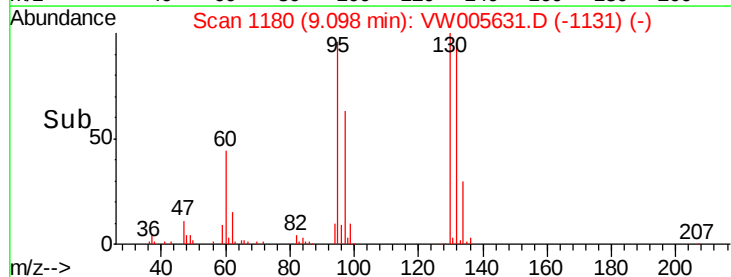
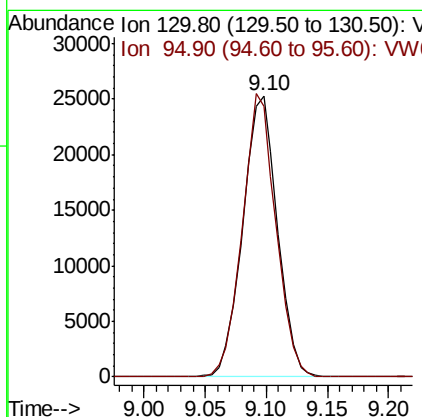
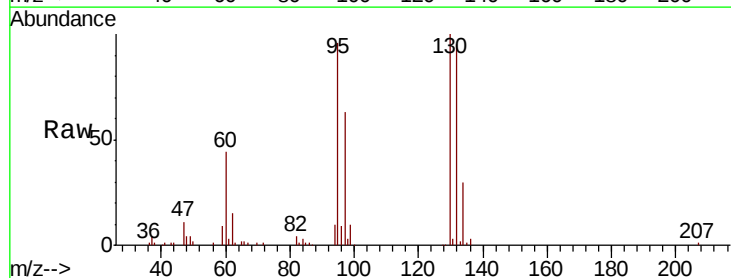
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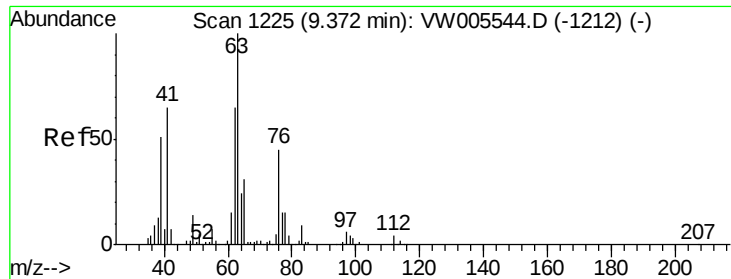


#44

Trichloroethene
 Concen: 20.774 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	191.2





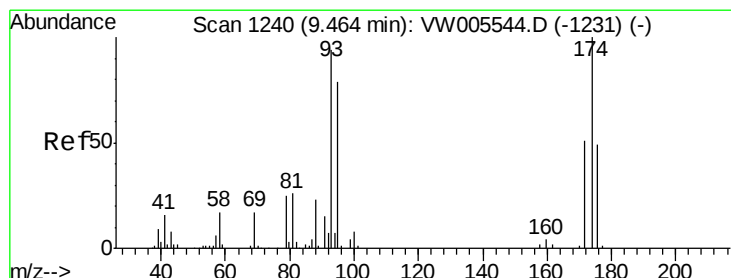
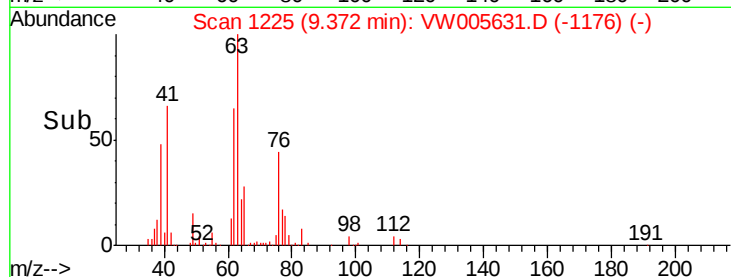
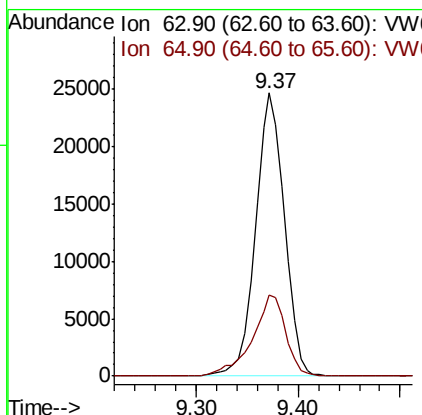
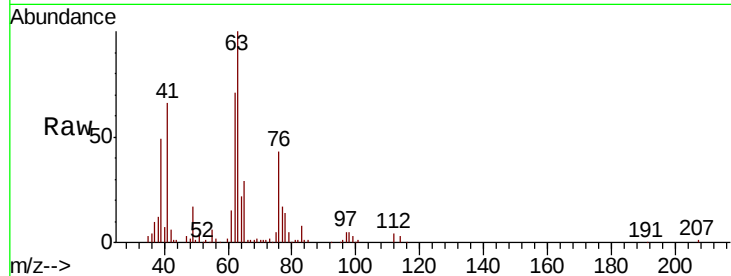
#45
 1,2-Dichloropropane
 Concen: 21.163 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

Tot Ion: 63 Resp: 48622
 Ion Ratio Lower Upper
 63 100
 65 28.7 24.7 37.1

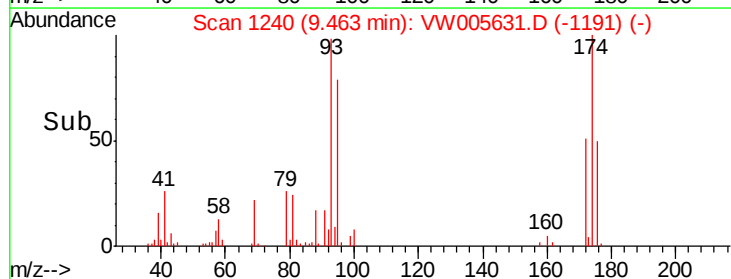
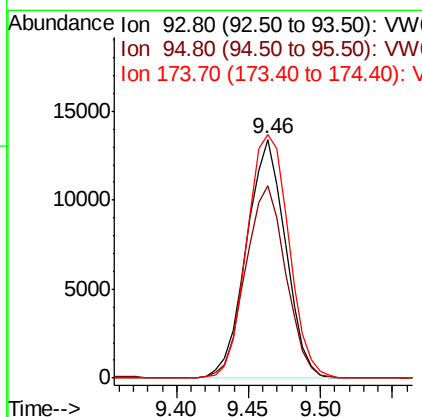
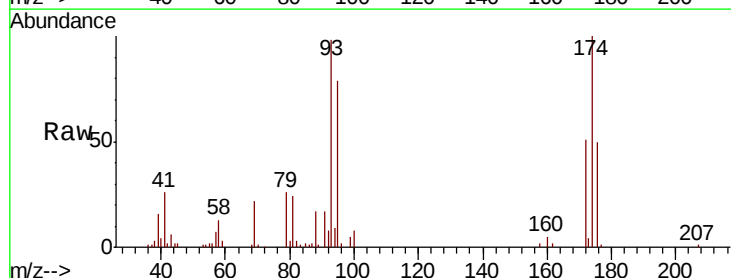
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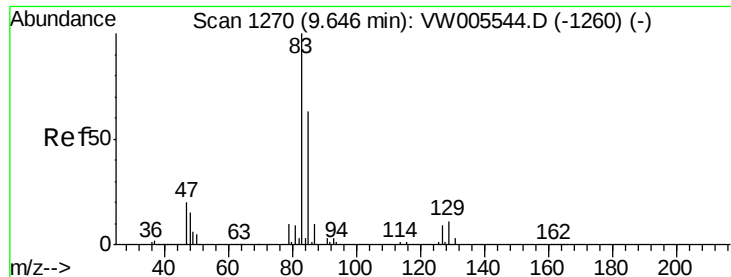
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#46
 Dibromomethane
 Concen: 21.909 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion: 93 Resp: 25151
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.8 98.8
 174 109.3 84.0 126.0





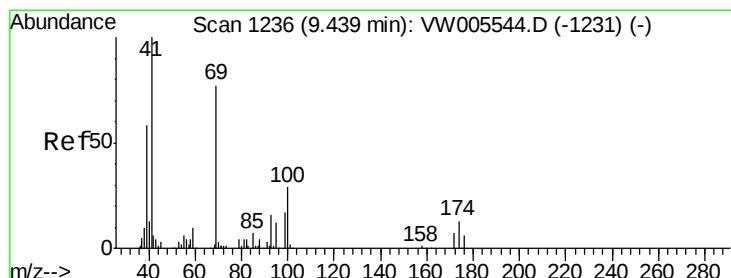
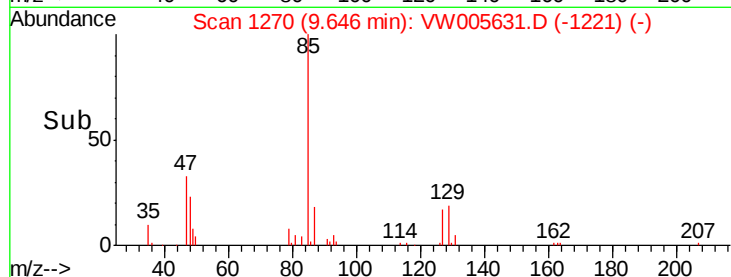
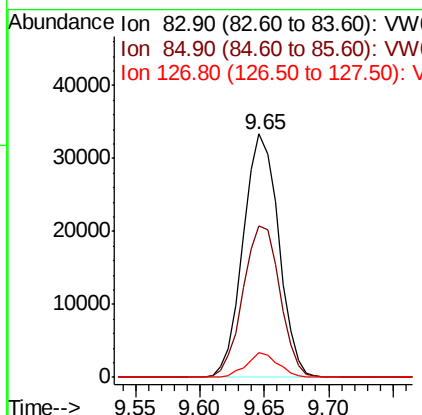
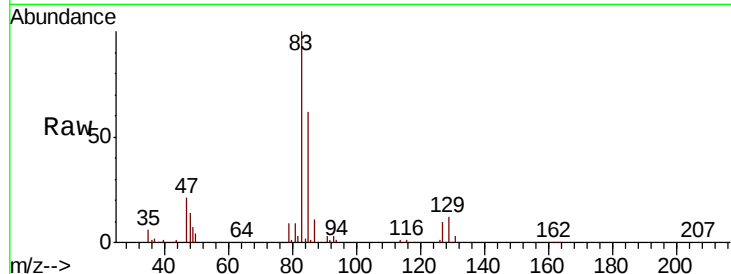
#47
Bromodichloromethane
Concen: 20.638 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

Tot Ion	83	Resp	63643
Ion Ratio	100	Lower	Upper
85	62.0	50.5	75.7
127	10.3	7.0	10.6

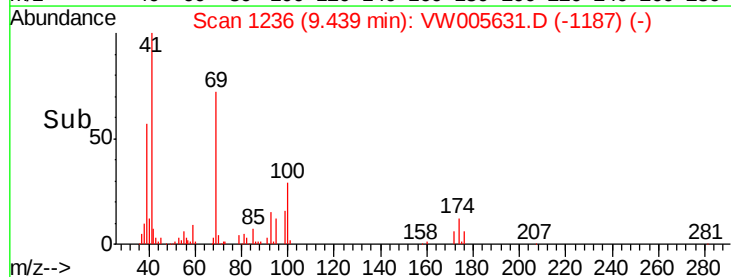
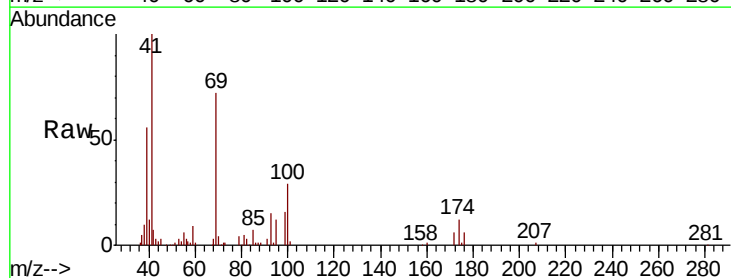
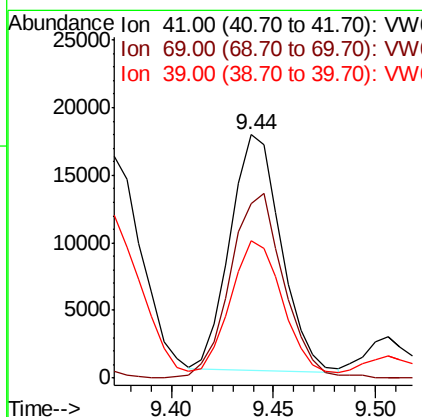
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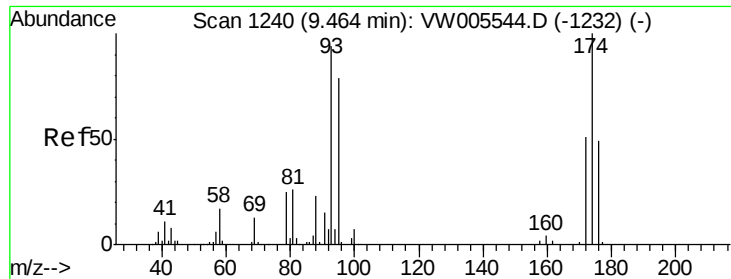
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#48
Methyl methacrylate
Concen: 23.342 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion	41	Resp	30234
Ion Ratio	100	Lower	Upper
69	82.7	64.7	97.1
39	57.1	50.5	75.7





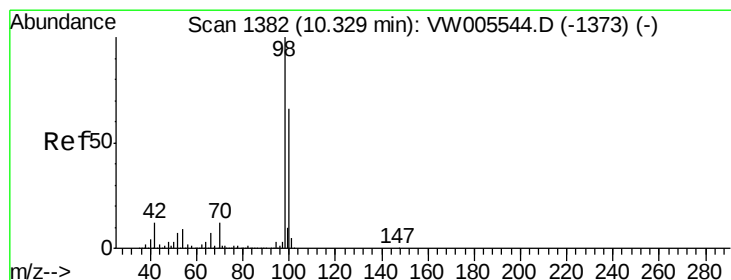
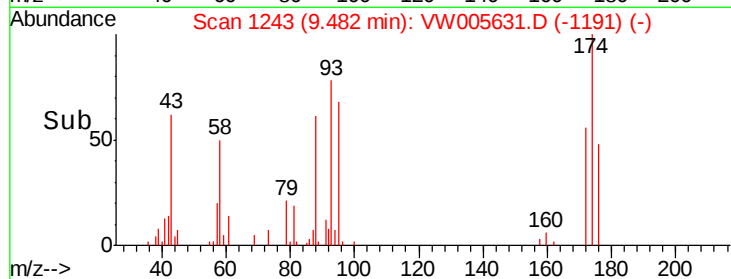
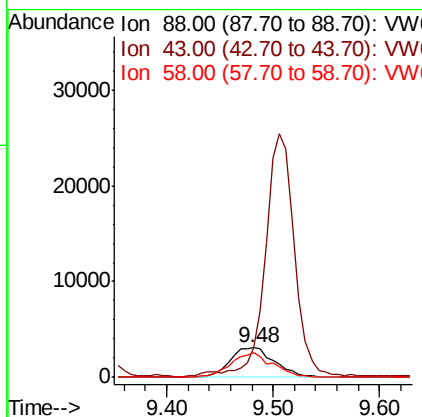
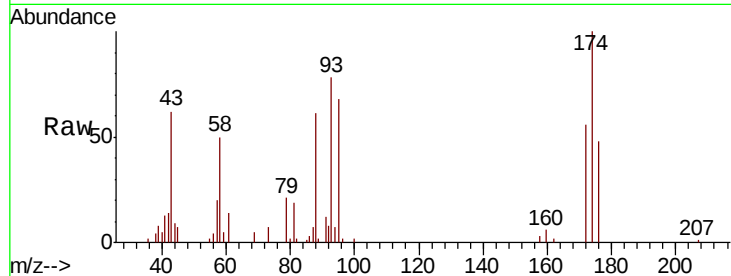
#49
1,4-Dioxane
Concen: 495.535 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.02 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion	88	Resp	9044
Ion Ratio	100	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	79.0	61.2	91.8

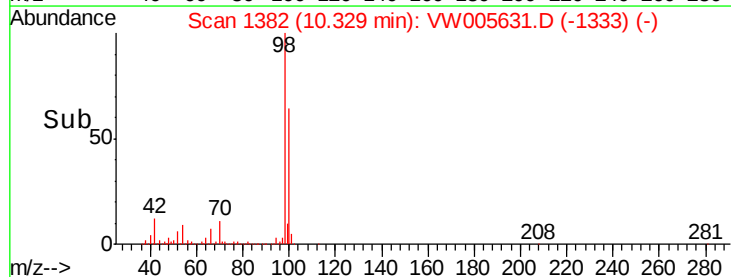
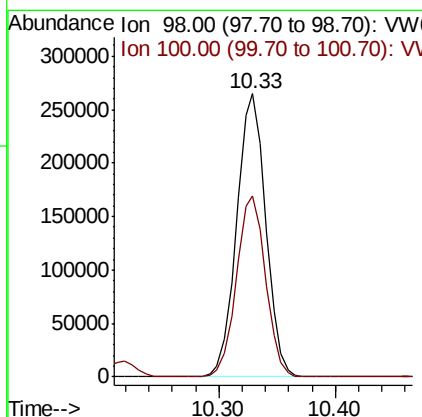
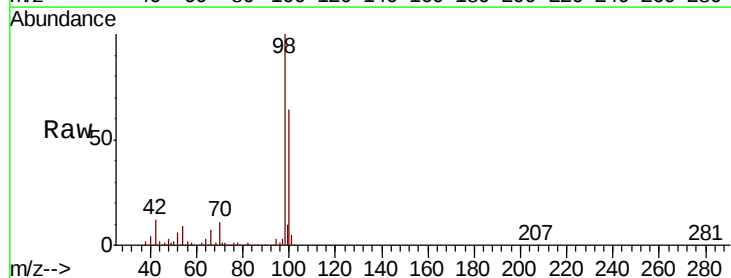
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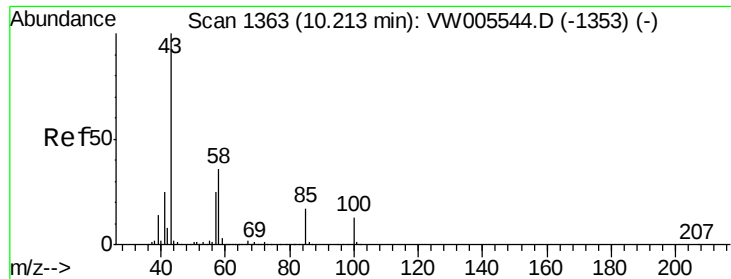
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#50
Toluene-d8
Concen: 54.964 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion	98	Resp	460810
Ion Ratio	100	Lower	Upper
98	100		
100	64.1	51.6	77.4





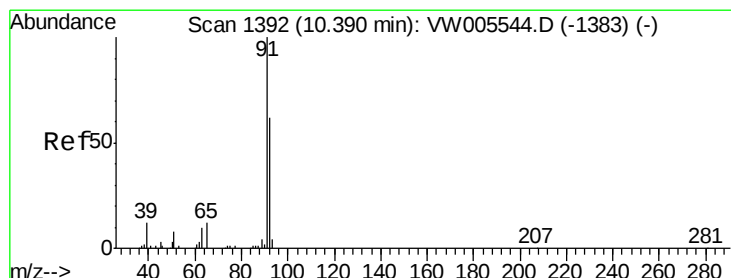
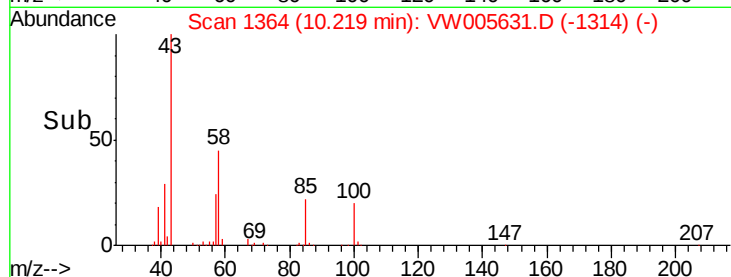
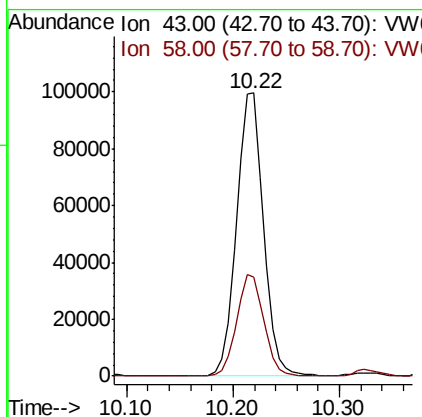
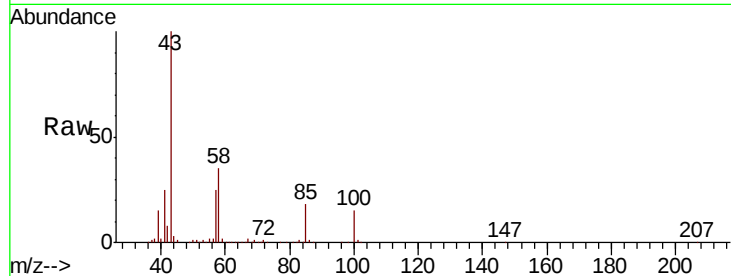
#51
4-Methyl-2-Pentanone
Concen: 128.973 ug/l
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion	43	Resp	177146
Ion Ratio	43	100	
Lower	58	36.0	30.0
Upper			45.0

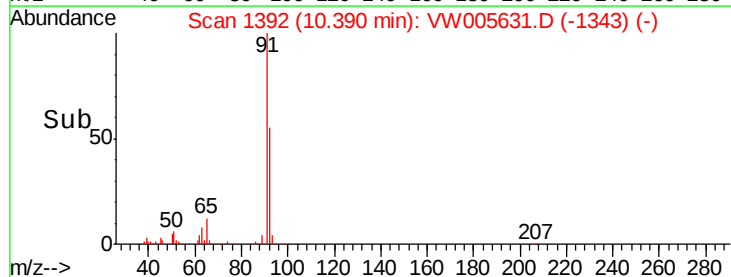
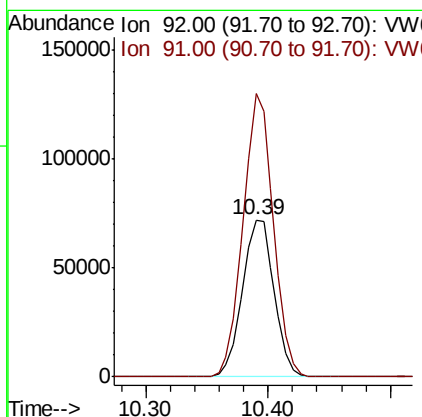
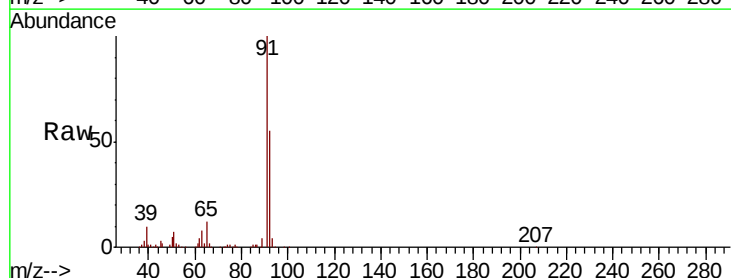
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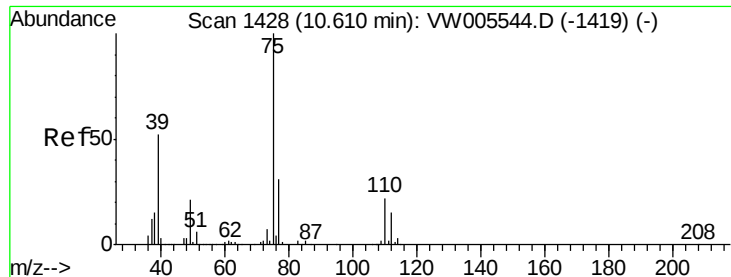
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#52
Toluene
Concen: 22.192 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion	92	Resp	129310
Ion Ratio	92	100	
Lower	91	172.7	137.1
Upper			205.7





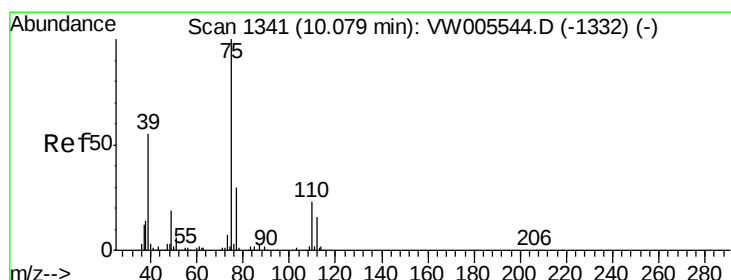
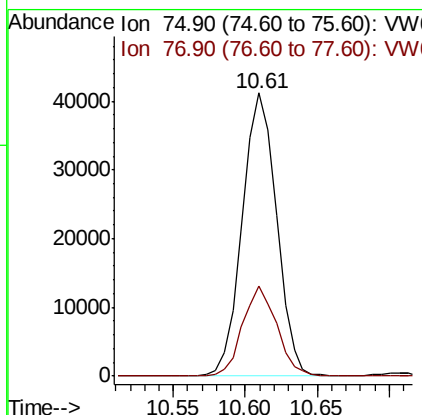
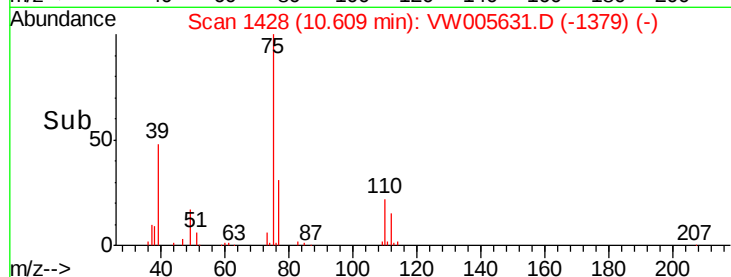
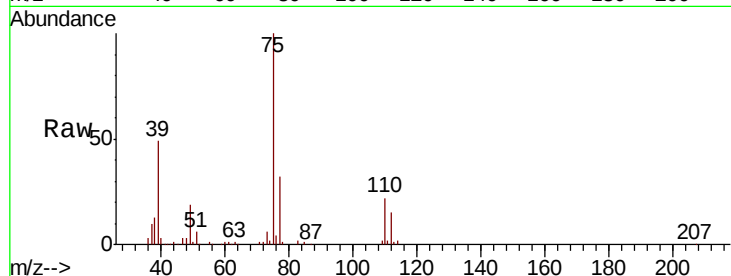
#53
 t-1,3-Dichloropropene
 Concen: 21.999 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD02

Tot Ion: 75 Resp: 68008
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.6 37.0

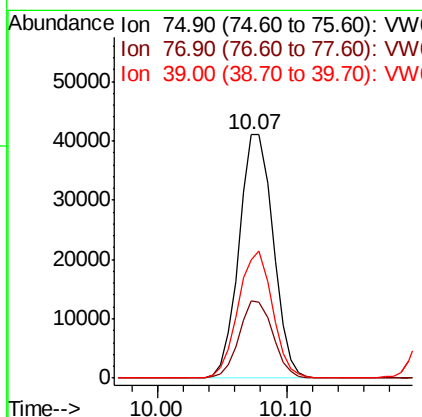
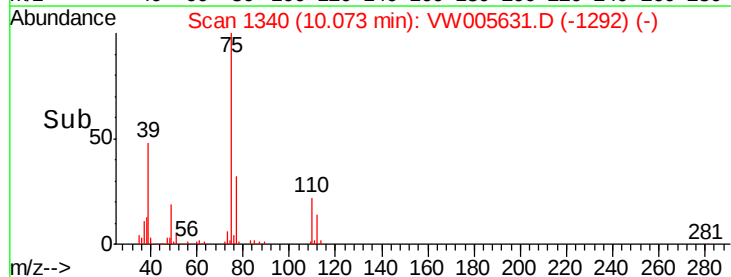
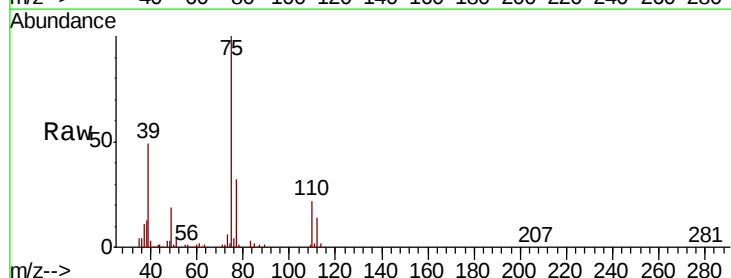
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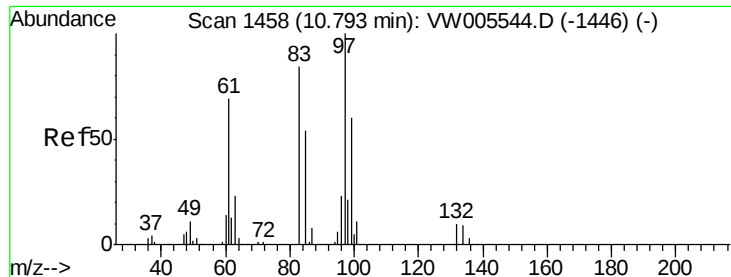
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#54
 cis-1,3-Dichloropropene
 Concen: 21.786 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion: 75 Resp: 75461
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.3 36.5
 39 48.8 43.7 65.5





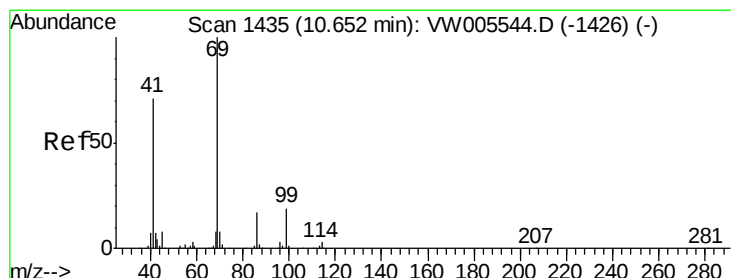
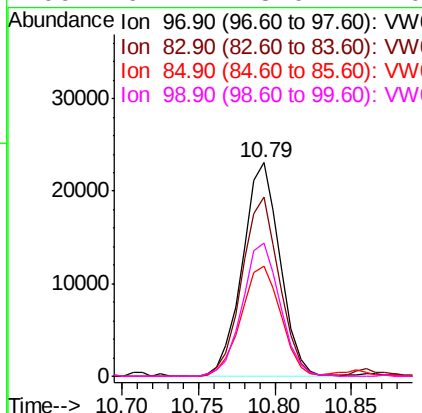
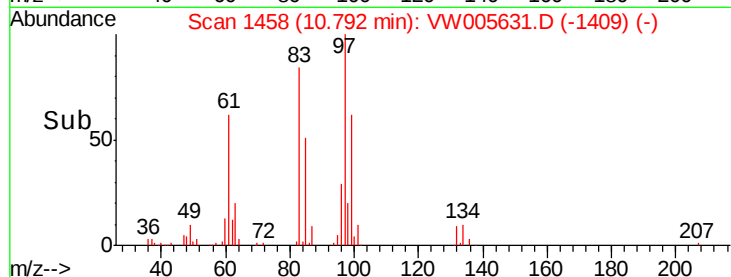
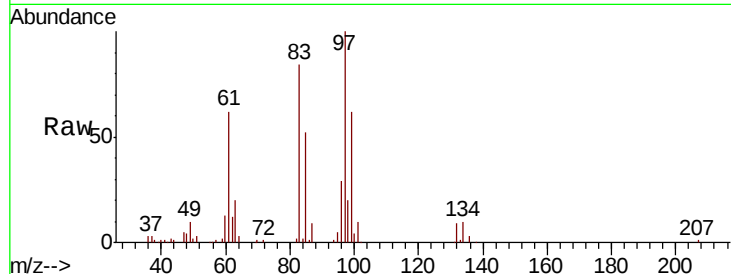
#55
 1,1,2-Trichloroethane
 Concen: 24.109 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

Tot Ion:	97	Resp:	39286
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.4	101.2
85	51.7	43.3	64.9
99	62.2	48.0	72.0

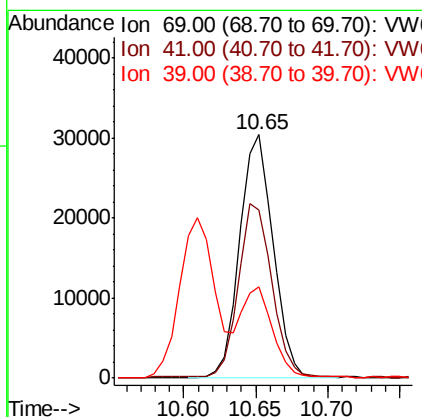
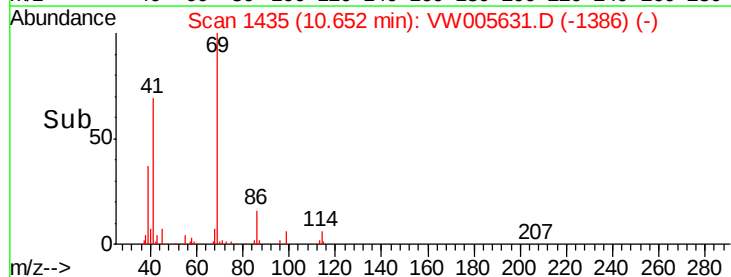
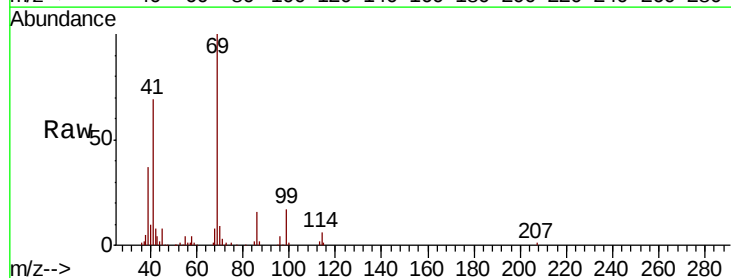
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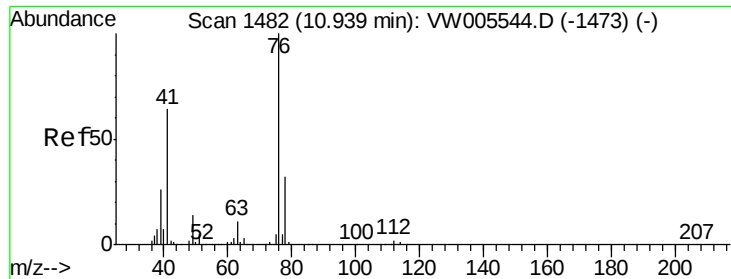
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#56
 Ethyl methacrylate
 Concen: 24.436 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion:	69	Resp:	49154
Ion	Ratio	Lower	Upper
69	100		
41	70.5	57.3	85.9
39	33.4	29.2	43.8





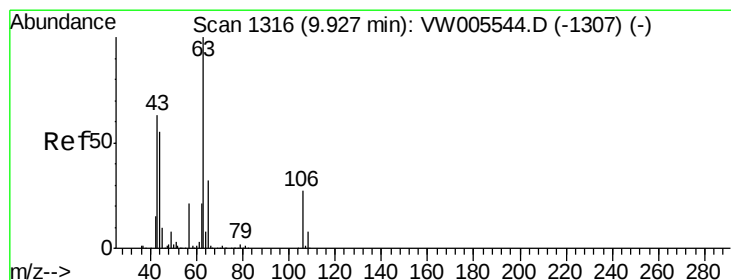
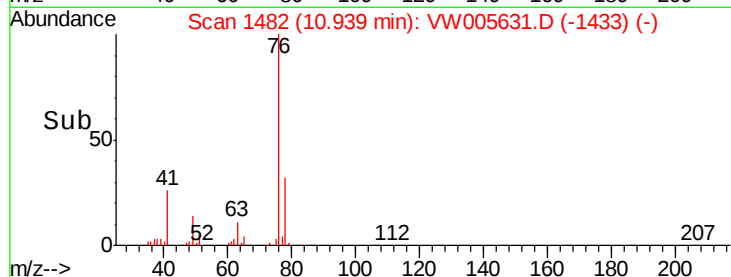
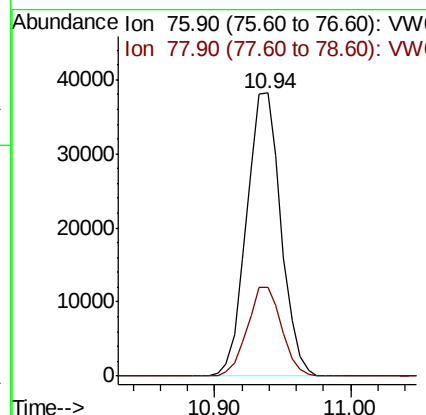
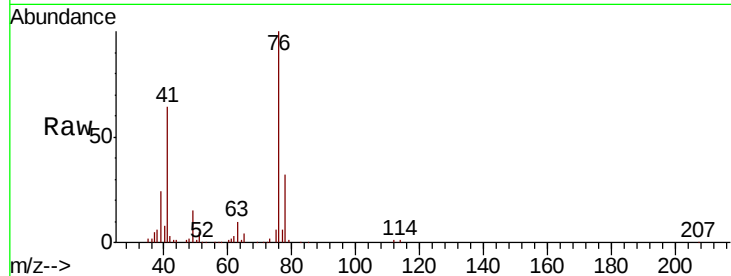
#57
 1,3-Dichloropropane
 Concen: 23.438 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD02

Tot Ion: 76 Resp: 67690
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.6 38.4

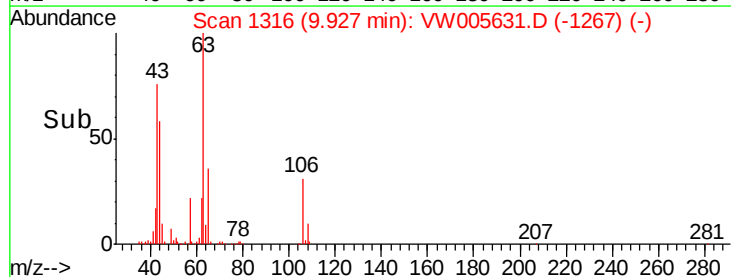
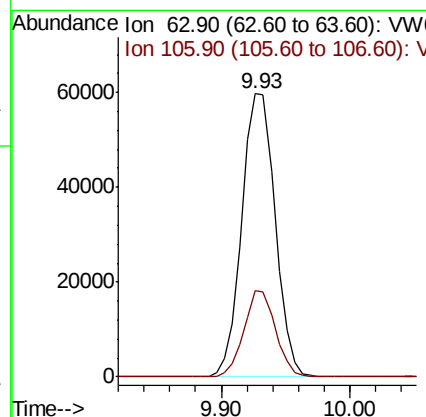
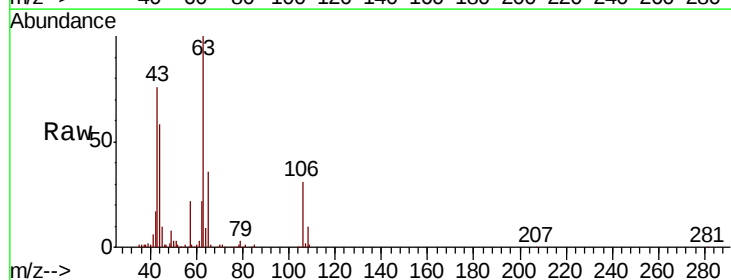
Manual Integrations
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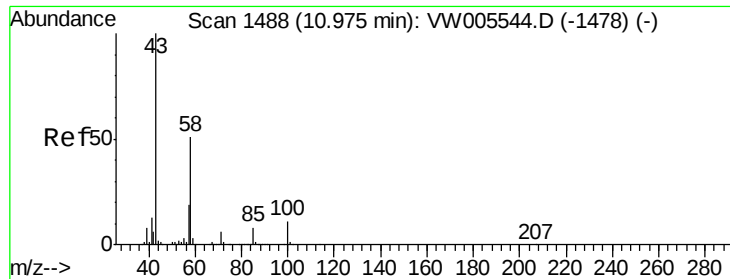
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#58
 2-Chloroethyl Vinyl ether
 Concen: 117.439 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion: 63 Resp: 107086
 Ion Ratio Lower Upper
 63 100
 106 28.7 21.6 32.4





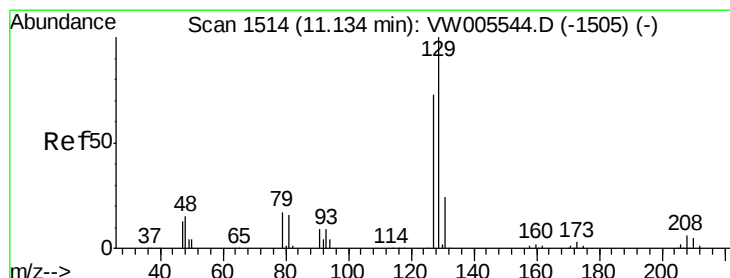
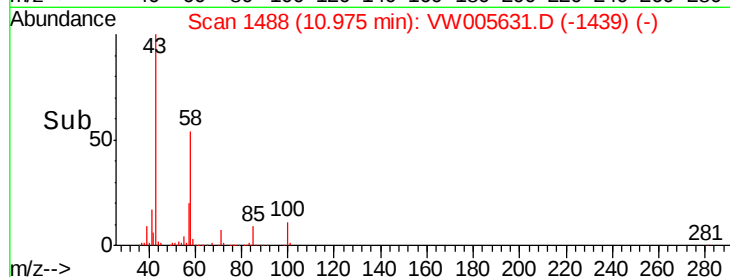
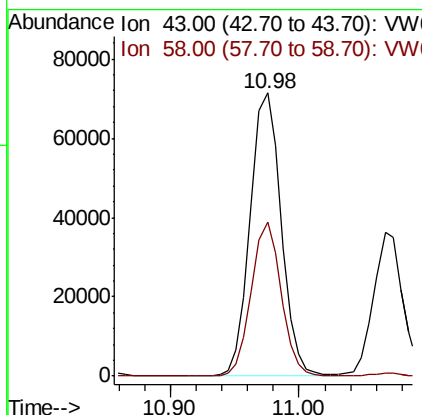
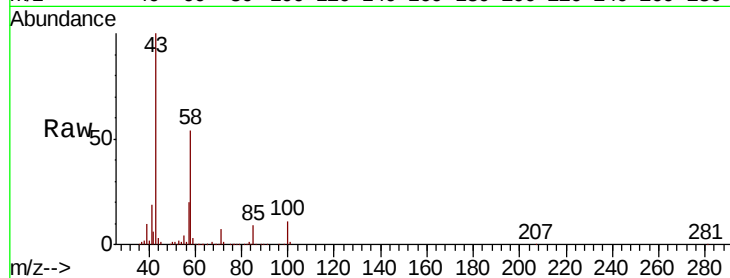
#59
2-Hexanone
Concen: 127.388 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

Tot Ion	43	Resp	118861
Ion Ratio	43	100	
Lower	58	52.3	25.3
Upper			75.9

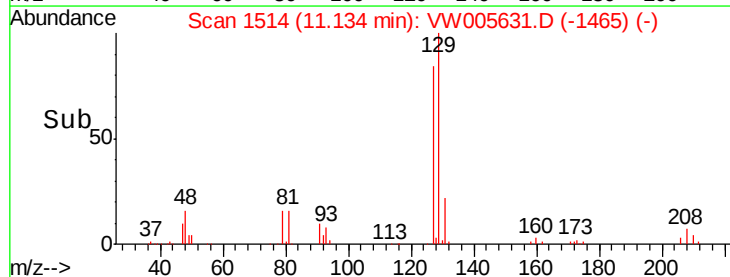
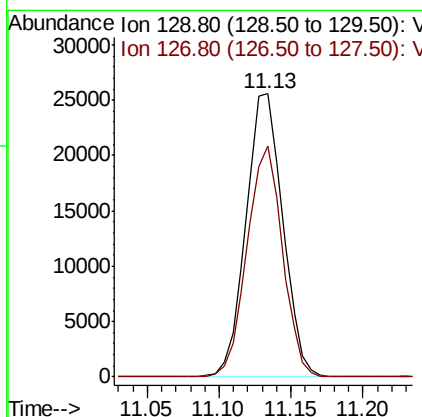
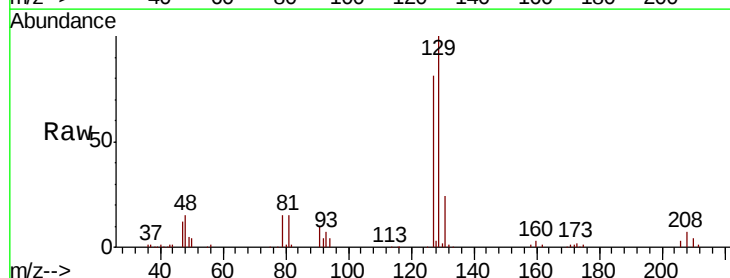
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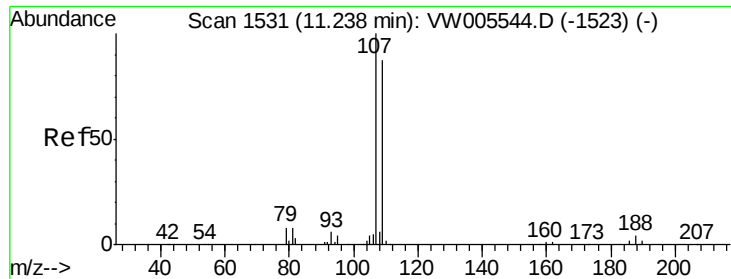
apatel
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#60
Dibromochloromethane
Concen: 22.937 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion	129	Resp	45160
Ion Ratio	129	100	
Lower	127	78.2	38.5
Upper			115.5





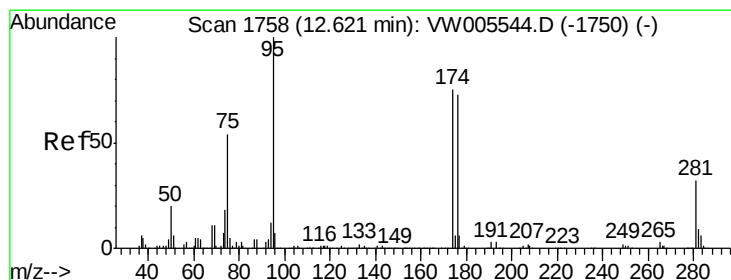
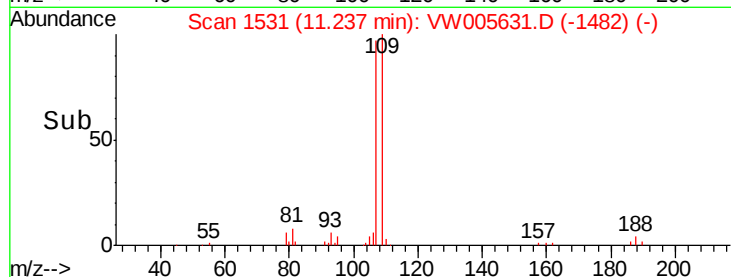
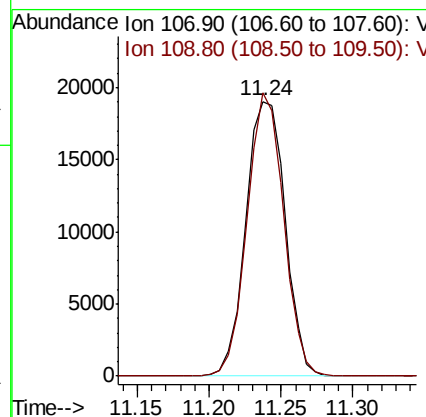
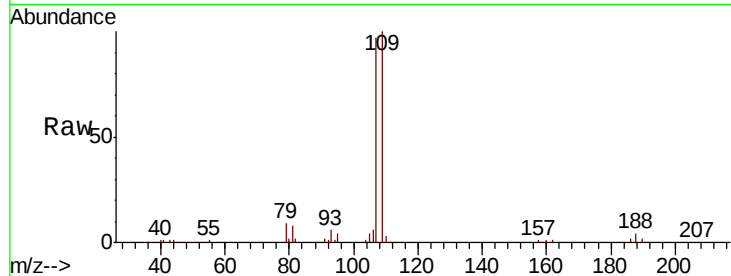
#61
 1,2-Dibromoethane
 Concen: 23.647 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

Tot Ion: 107 Resp: 35927
 Ion Ratio Lower Upper
 107 100
 109 95.7 73.4 110.0

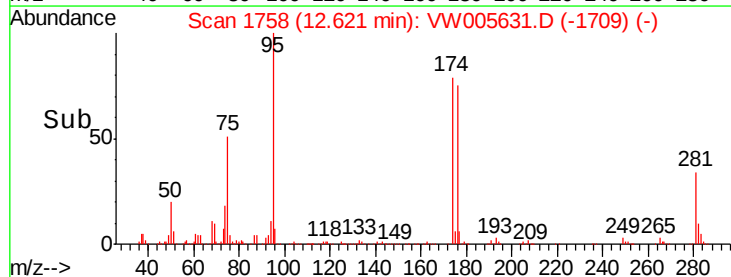
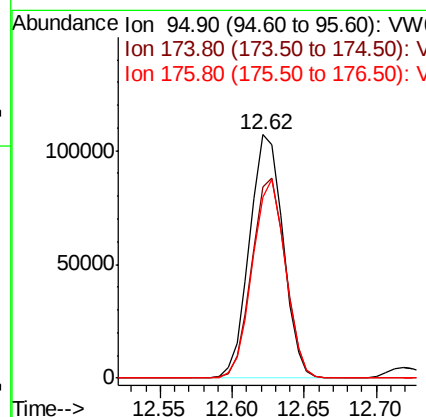
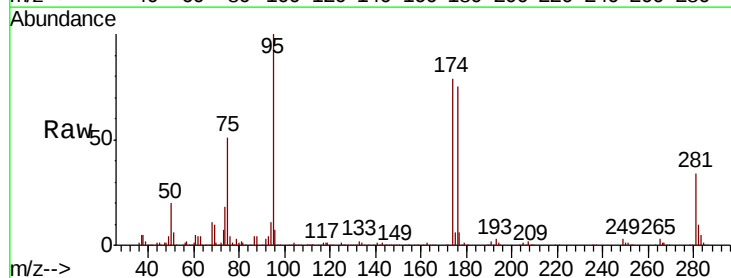
Manual Integrations
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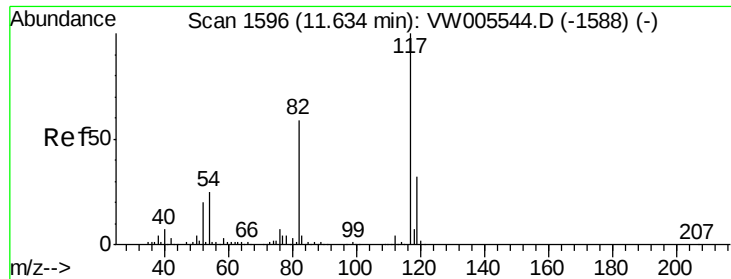
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#62
 4-Bromofluorobenzene
 Concen: 55.580 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion: 95 Resp: 172422
 Ion Ratio Lower Upper
 95 100
 174 82.2 0.0 163.8
 176 80.2 0.0 158.0





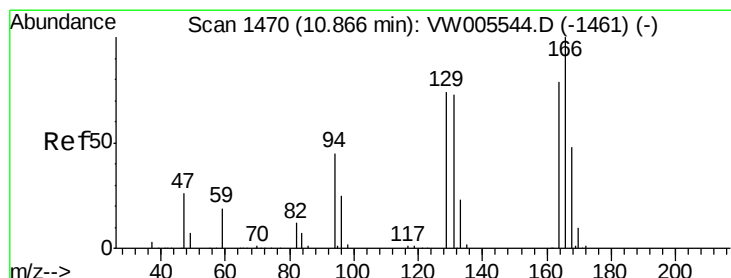
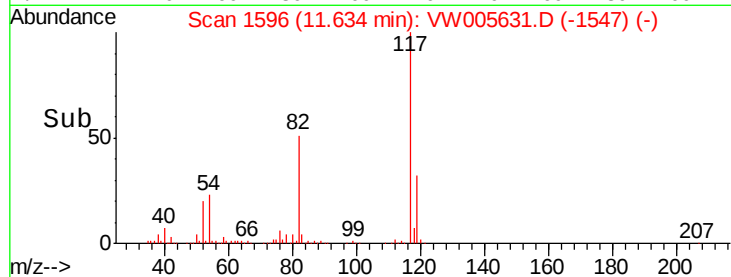
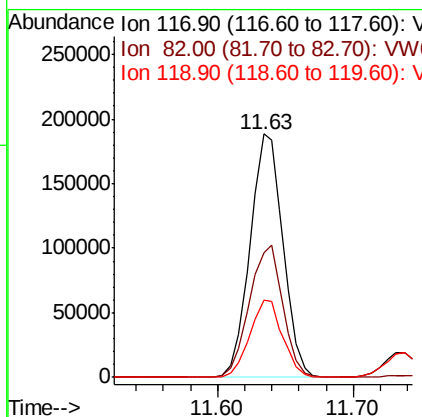
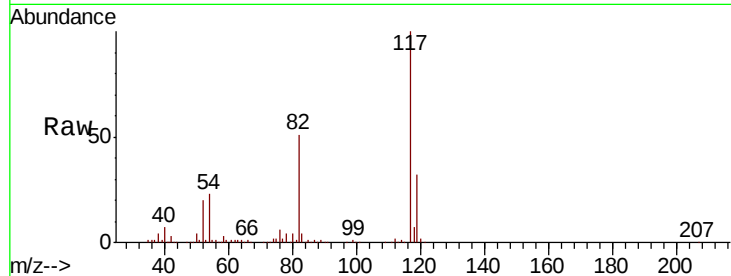
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	319630		
82	51.0	46.9	70.3	
119	31.9	25.7	38.5	

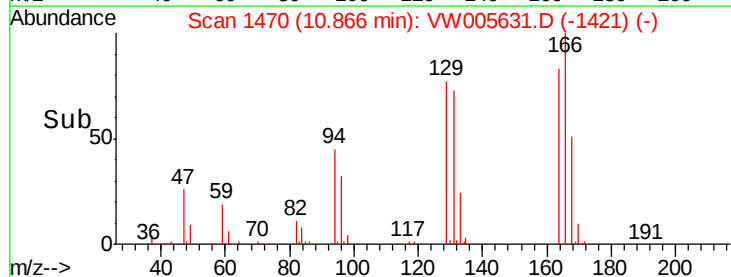
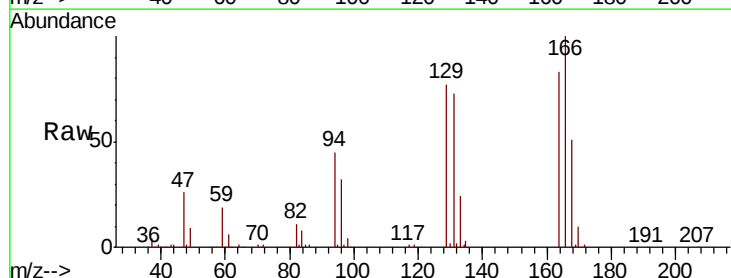
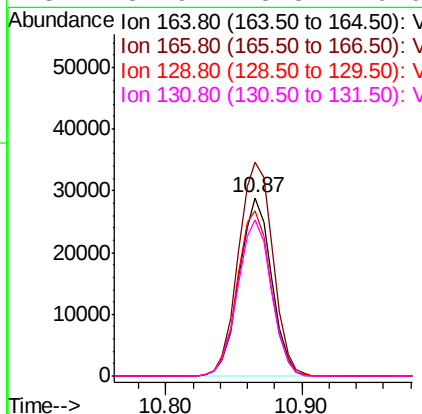
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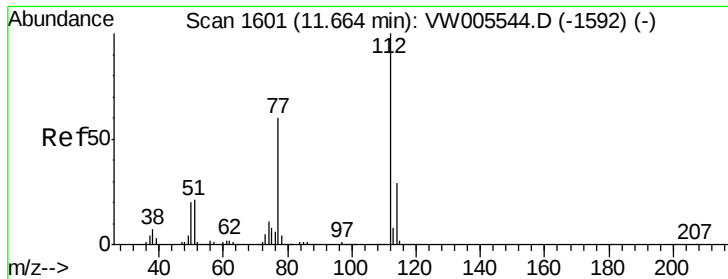
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#64
Tetrachloroethene
Concen: 21.260 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	48229		
166	120.0	101.1	151.7	
129	92.9	74.4	111.6	
131	87.9	73.8	110.6	





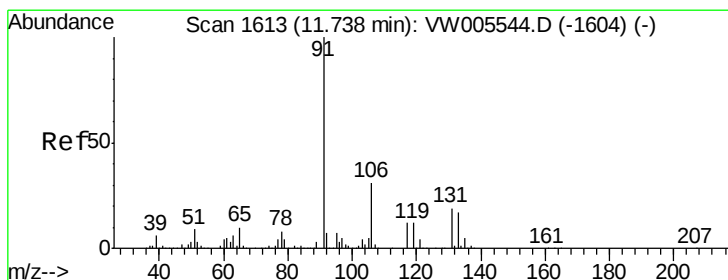
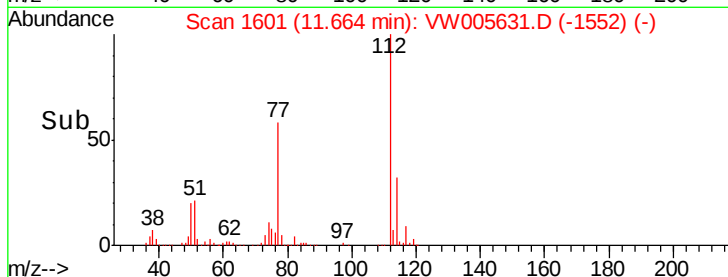
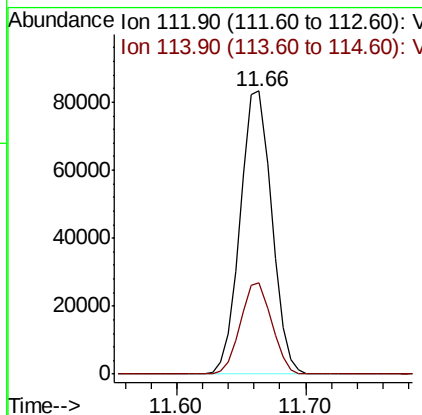
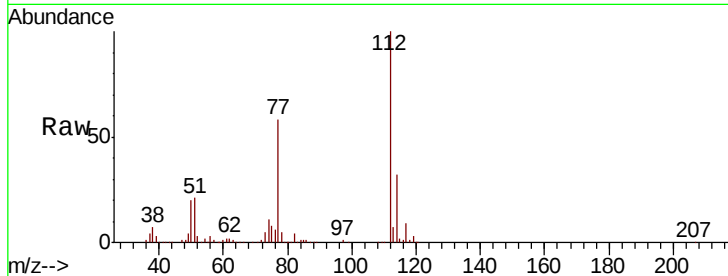
#65
Chlorobenzene
Concen: 20.814 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.9	34.3

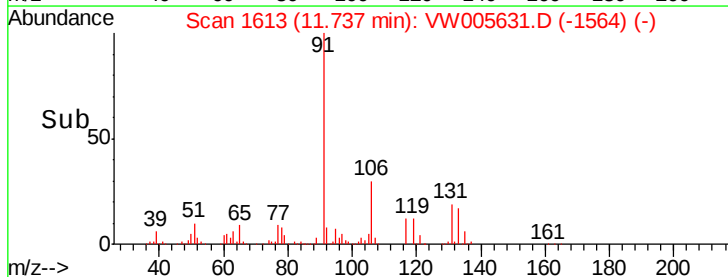
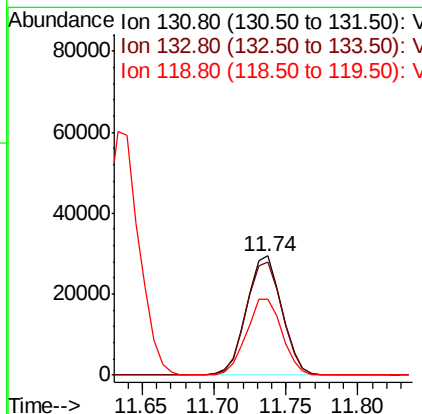
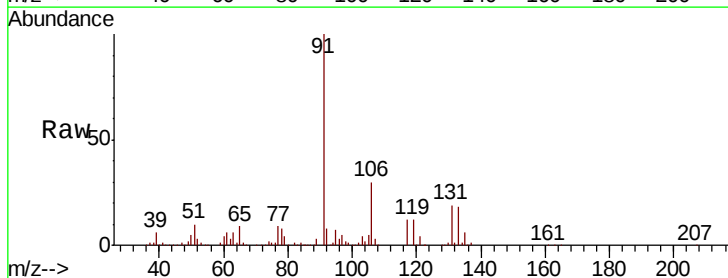
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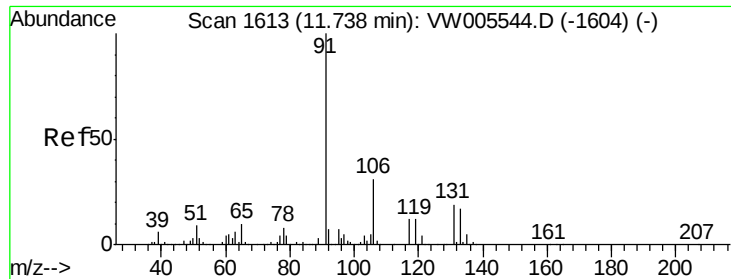
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.469 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.4	47.2	141.6
119	64.0	31.1	93.2





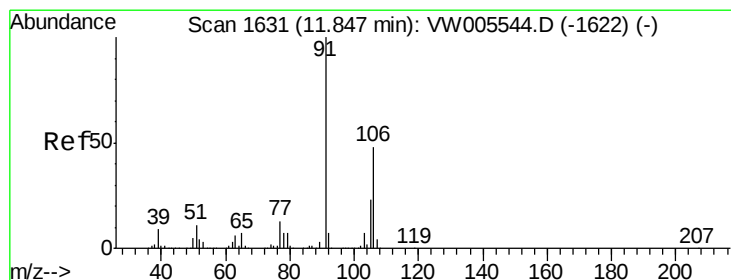
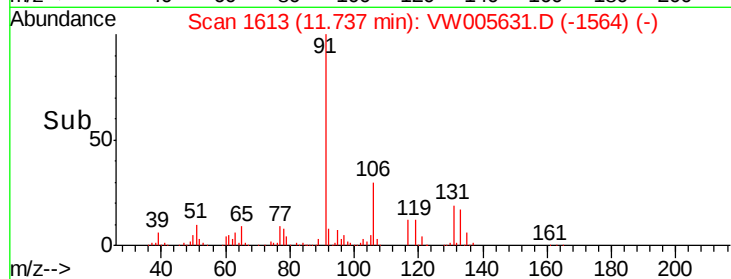
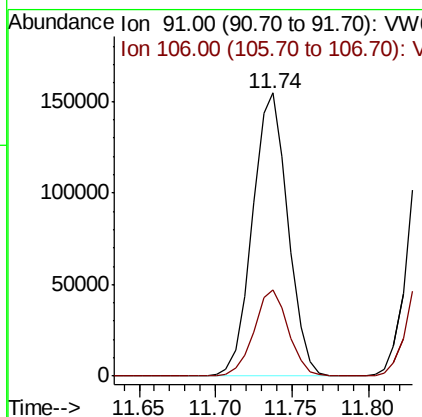
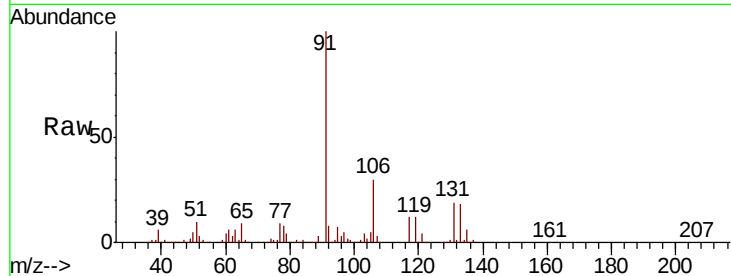
#67
Ethyl Benzene
Concen: 20.603 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.4	36.6

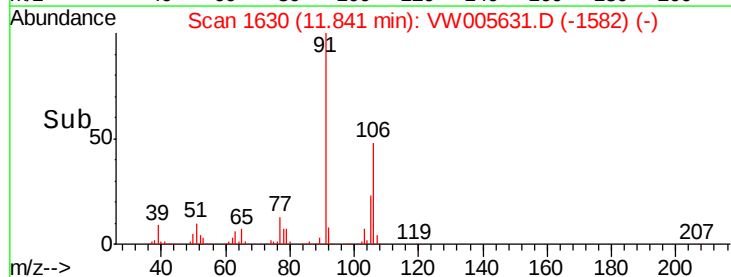
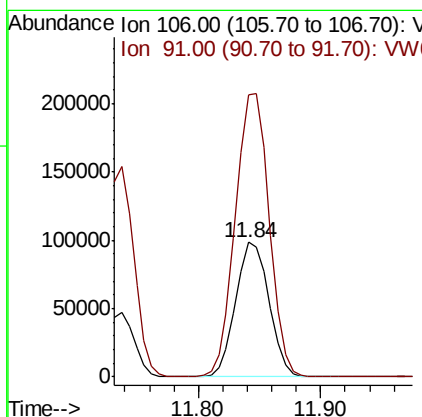
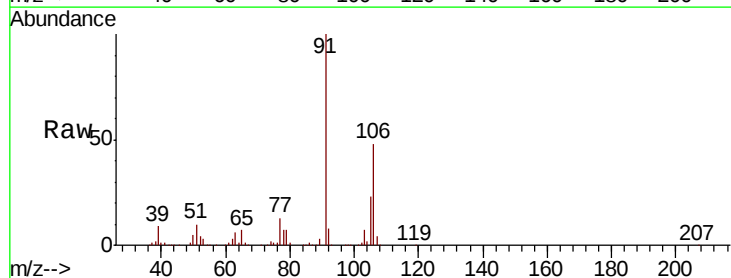
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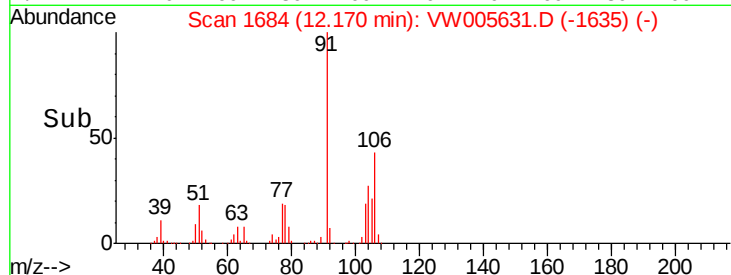
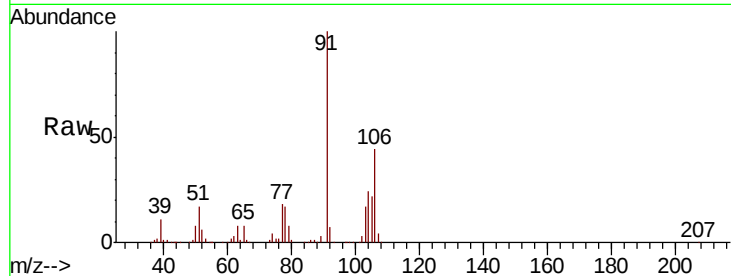
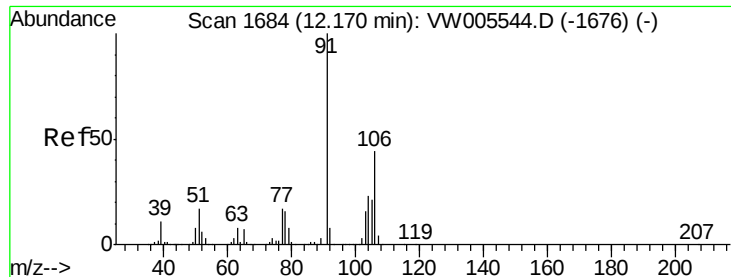
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#68
m/p-Xylenes
Concen: 41.040 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion	Ratio	Lower	Upper
106	100		
91	213.1	167.8	251.8





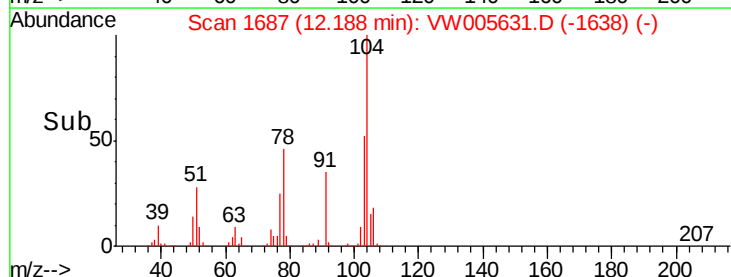
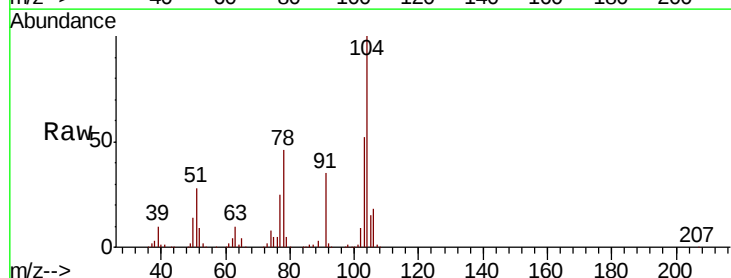
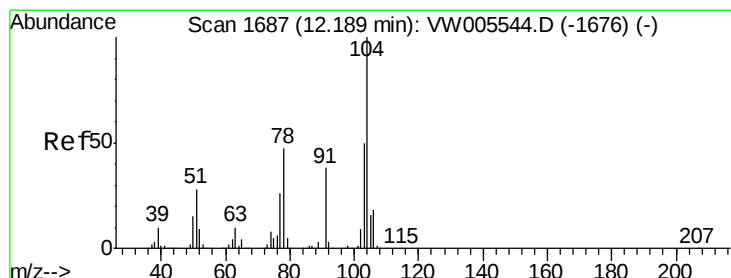
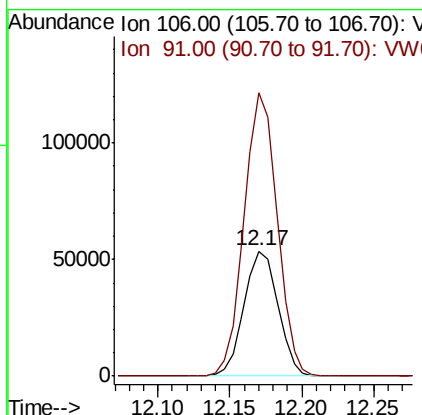
#69
o-Xylene
Concen: 20.565 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleID :
VW0925SBSD02

Tot Ion:106 Resp: 87639
Ion Ratio Lower Upper
106 100
91 220.9 111.0 333.0

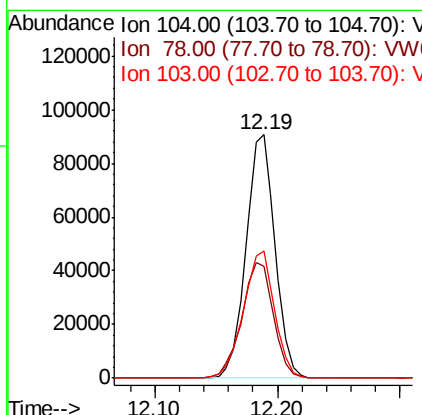
Manual Integrations
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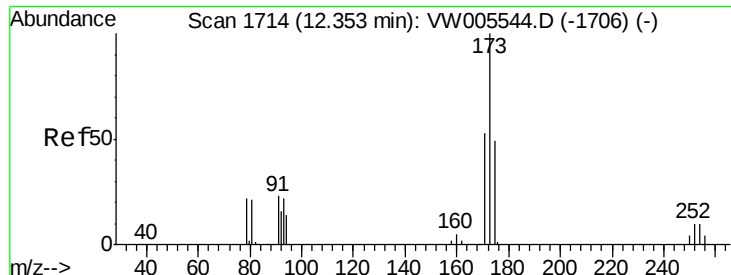
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#70
Styrene
Concen: 20.799 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion:104 Resp: 149165
Ion Ratio Lower Upper
104 100
78 51.8 42.2 63.4
103 56.2 44.6 66.8





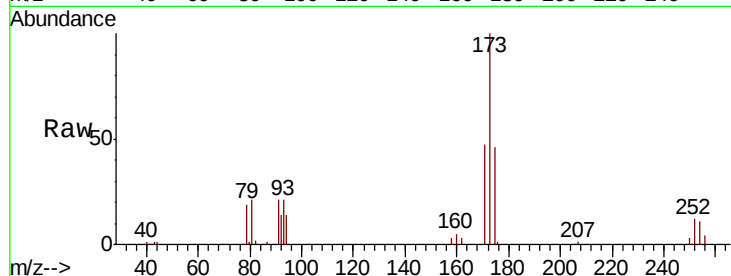
#71
Bromoform
Concen: 23.074 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.3	24.3	72.9
254	0.0	0.1	0.1

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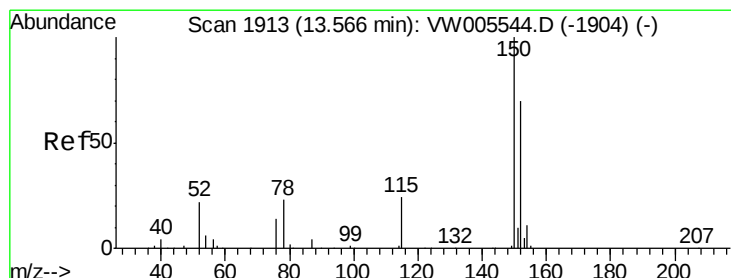
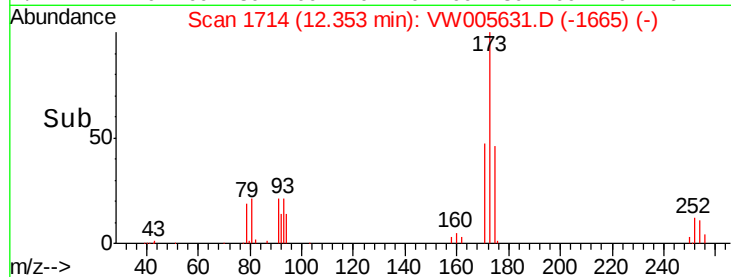
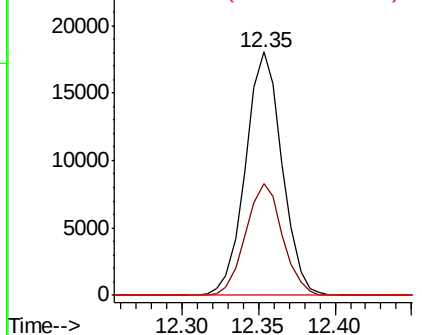


Abundance

Ion 172.70 (172.40 to 173.40): V

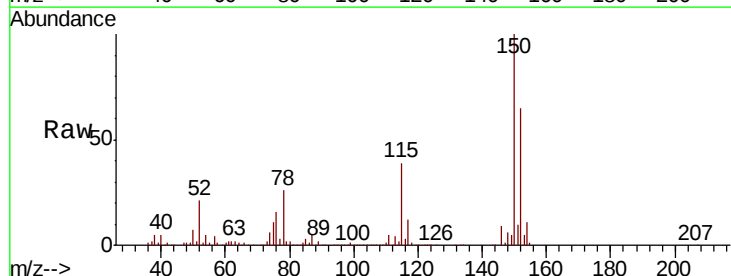
Ion 174.70 (174.40 to 175.40): V

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: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.0	90.0
150	161.5	0.0	348.6

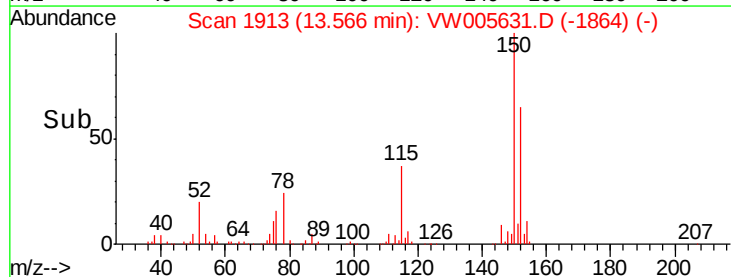
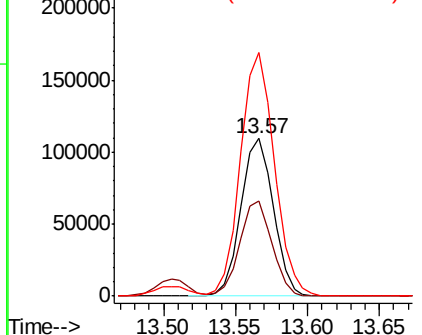


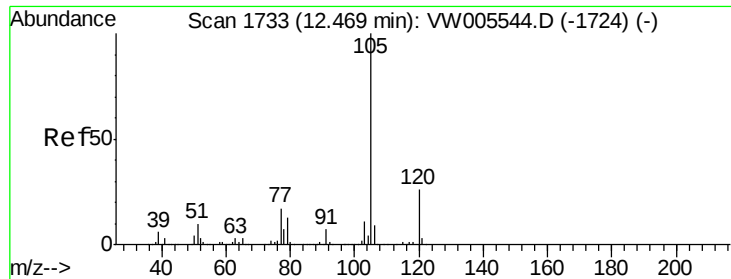
Abundance

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: 21.168 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBS02

Tot Ion: 105 Resp: 252009

Ion Ratio Lower Upper

105 100

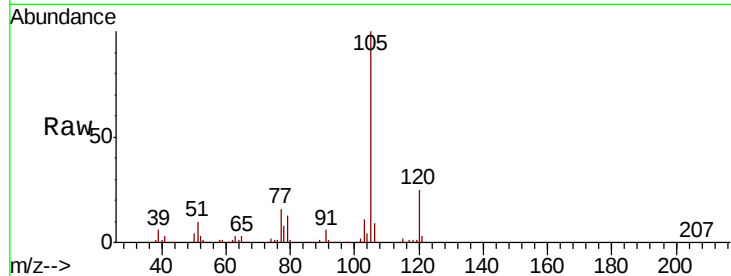
120 25.5 12.9 38.7

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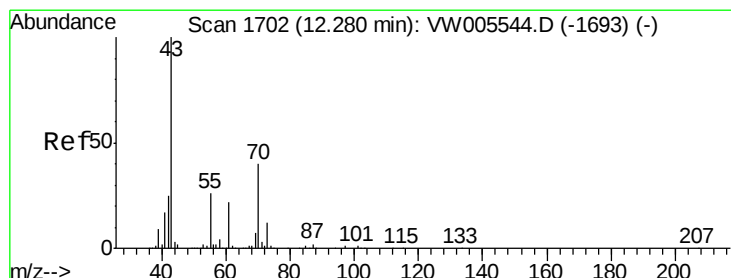
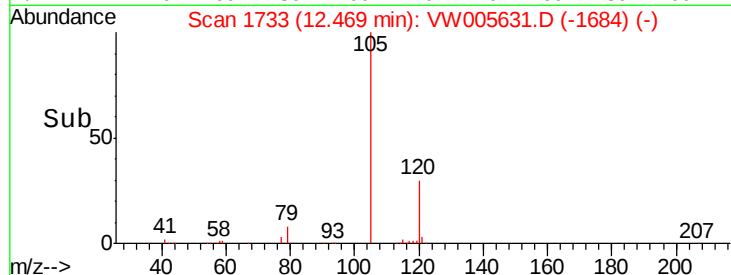
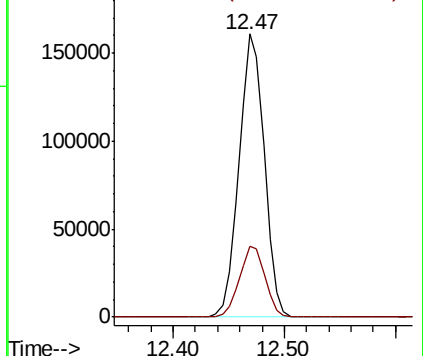
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.632 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Tgt Ion: 43 Resp: 63707

Ion Ratio Lower Upper

43 100

70 39.6 31.4 47.0

55 25.9 20.9 31.3

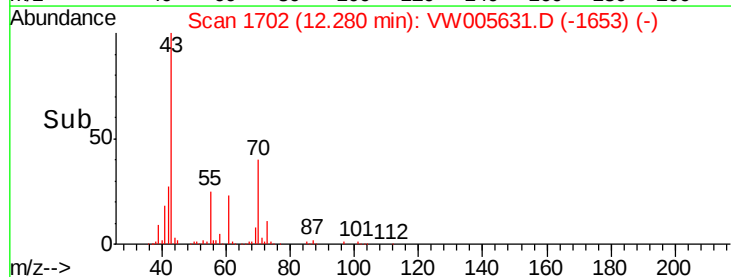
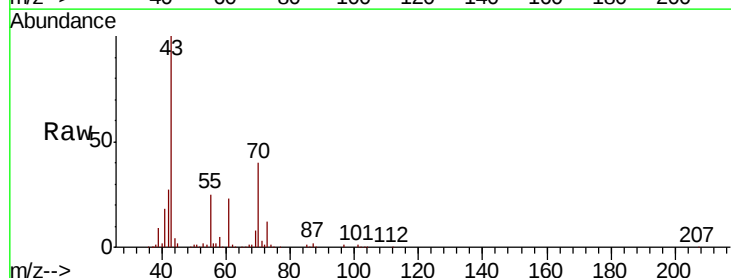
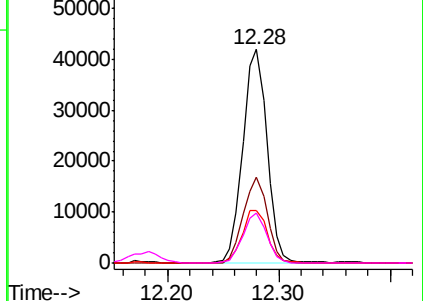
61 23.0 17.8 26.6

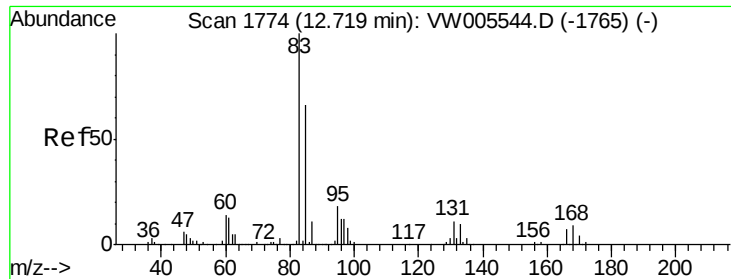
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 23.854 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

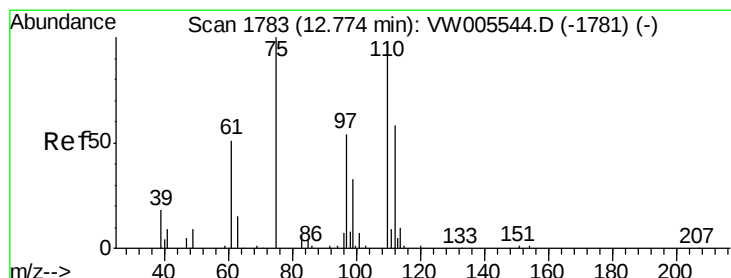
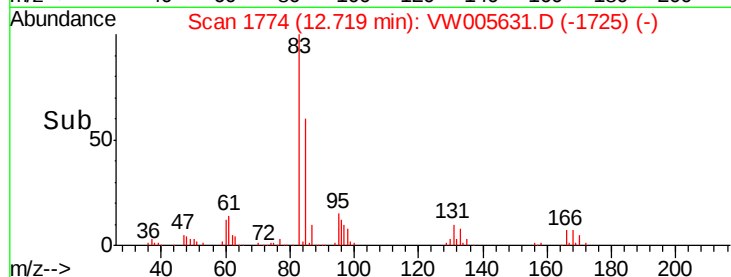
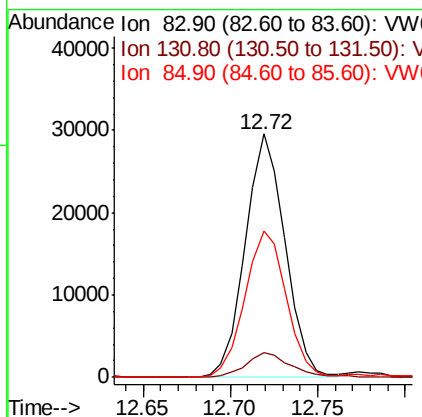
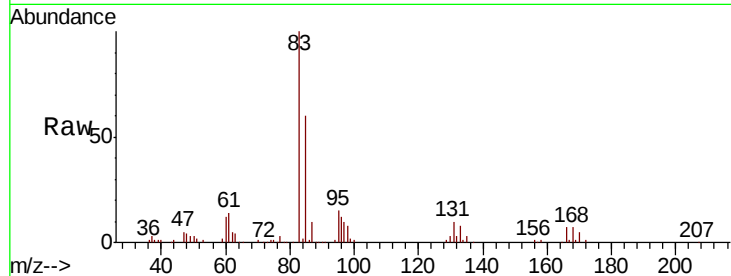
ClientSampleId :

VW0925SBSD02

Tot Ion:	83	Resp:	47170
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.5	16.7
85	62.6	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 27.239 ug/l m

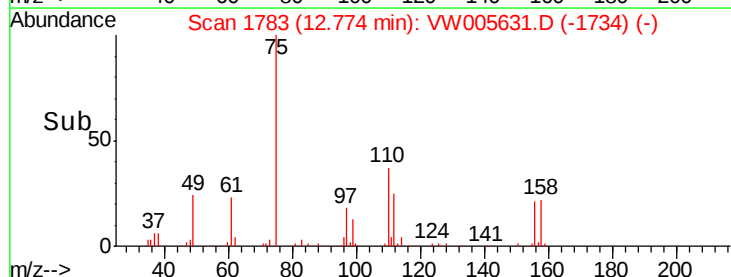
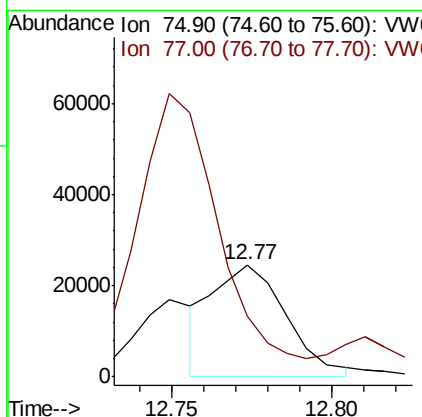
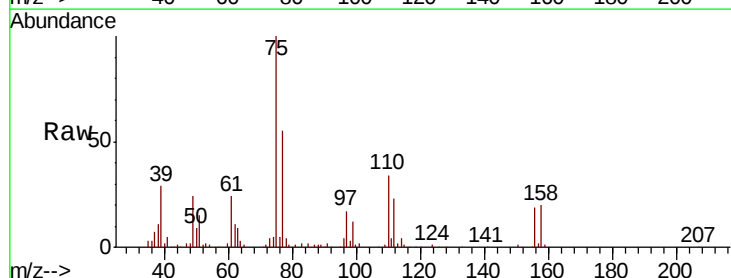
RT: 12.77 min Scan# 1783

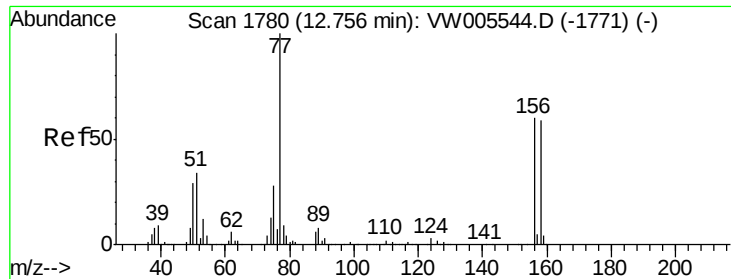
Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Tgt Ion:	75	Resp:	39862
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.220 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

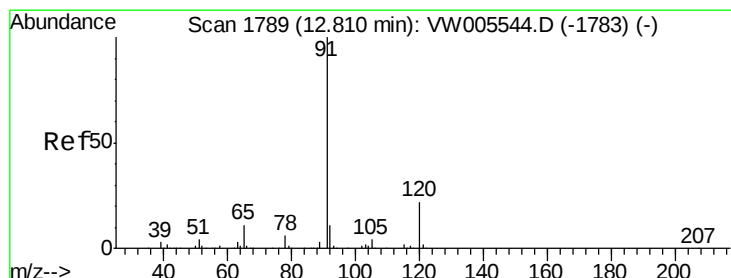
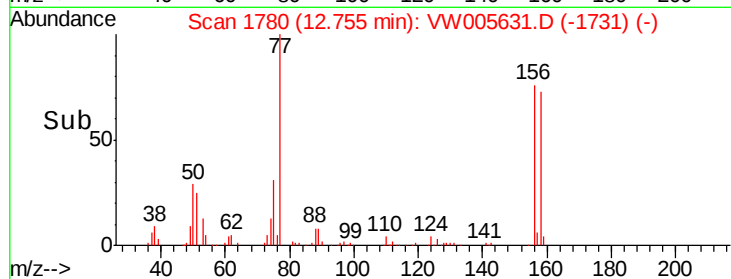
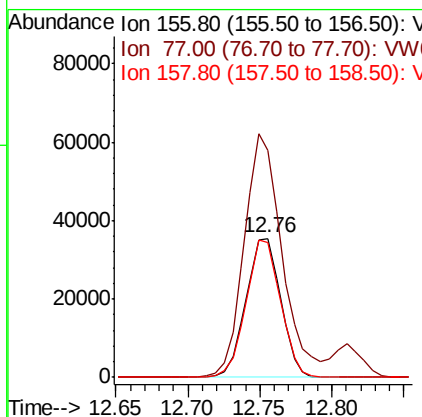
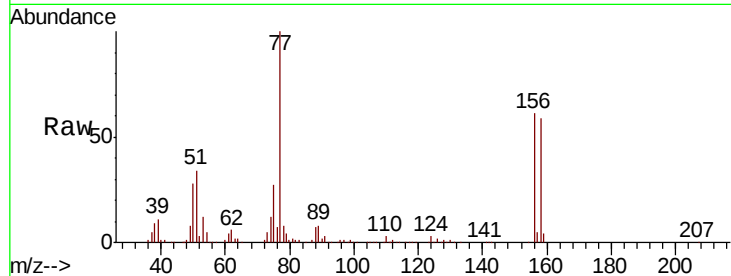
ClientSampleId :

VW0925SBSD02

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	190.3	94.7	284.1	
158	97.2	48.0	144.2	

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#78

n-propylbenzene

Concen: 21.218 ug/l

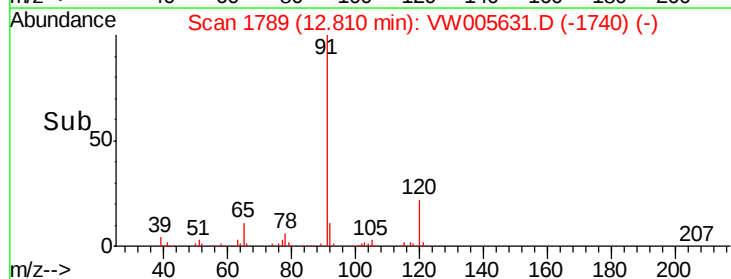
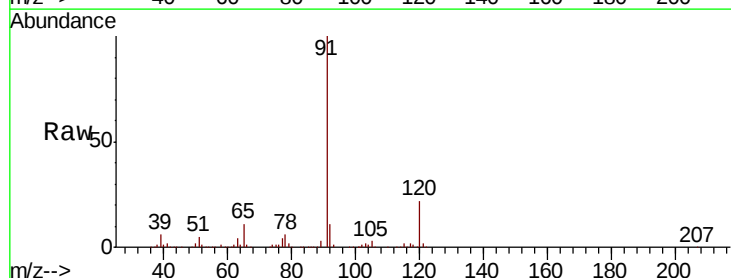
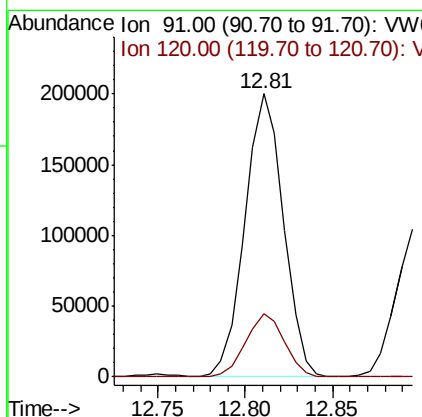
RT: 12.81 min Scan# 1789

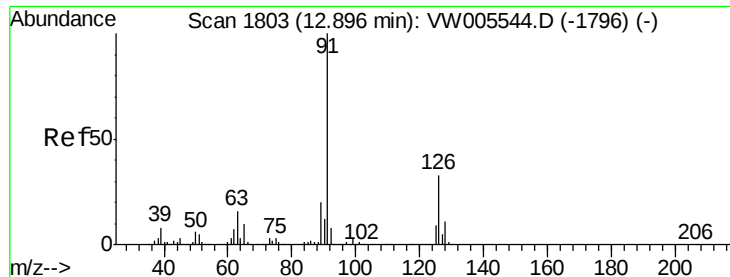
Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.3	11.2	33.5	





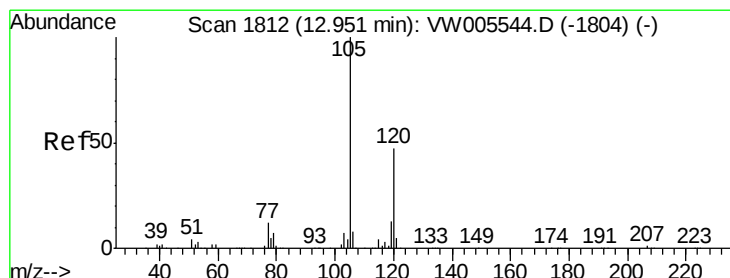
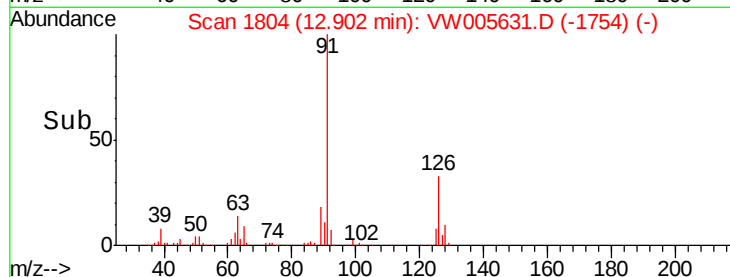
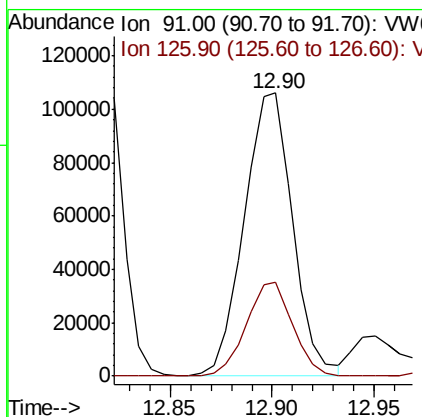
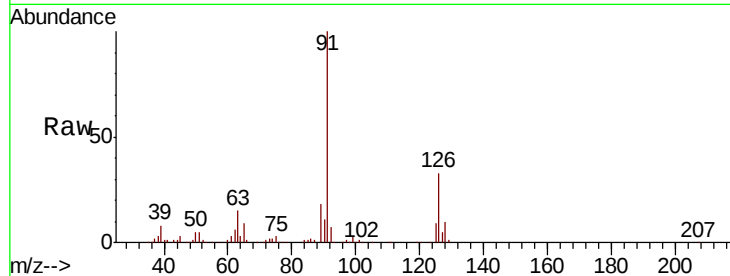
#79
 2-Chlorotoluene
 Concen: 20.932 ug/l
 RT: 12.90 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

Tot Ion: 91 Resp: 174548
 Ion Ratio Lower Upper
 91 100
 126 32.0 16.4 49.1

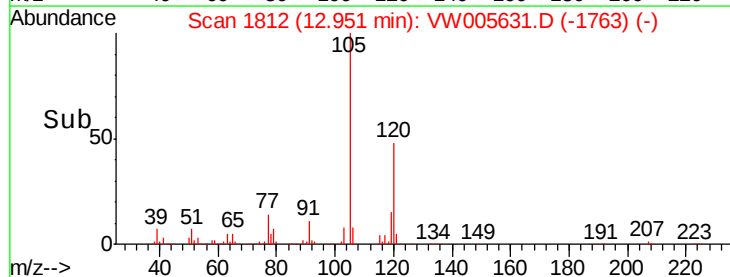
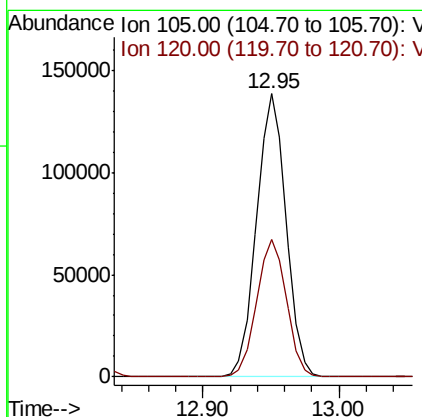
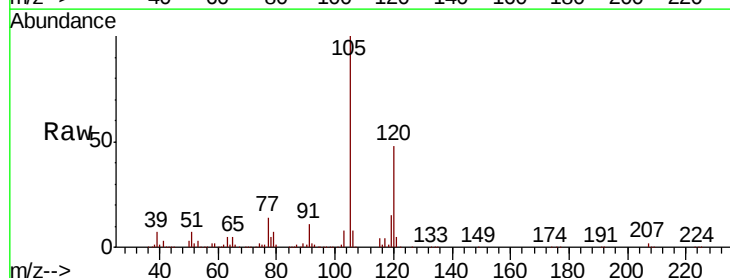
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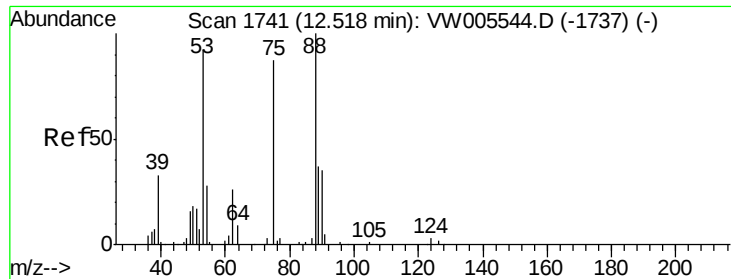
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.422 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion: 105 Resp: 211407
 Ion Ratio Lower Upper
 105 100
 120 49.0 23.6 70.8





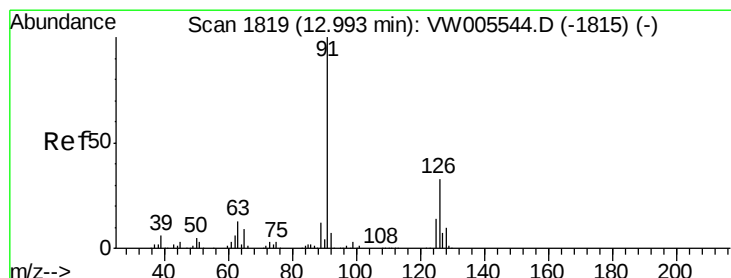
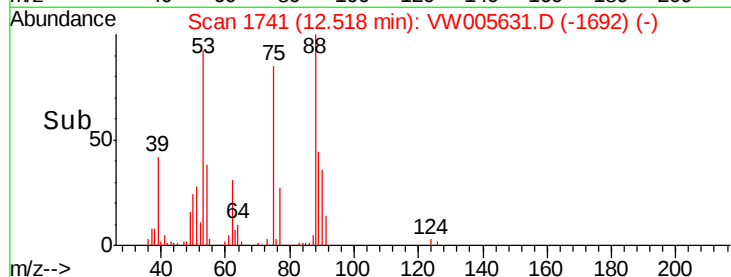
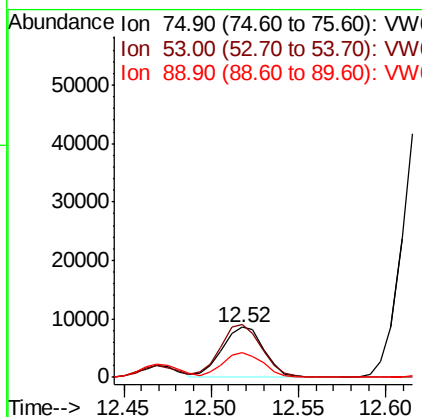
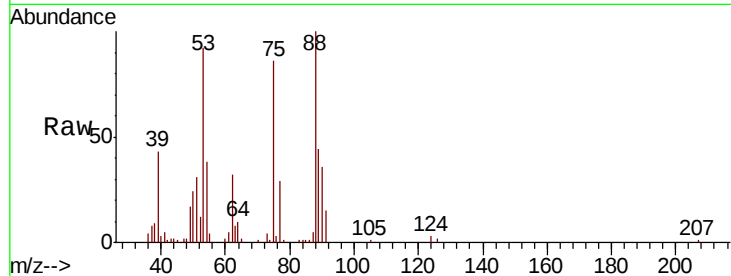
#81
trans-1,4-Dichloro-2-butene
Concen: 22.394 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.8	85.8	128.6
89	47.1	37.3	55.9

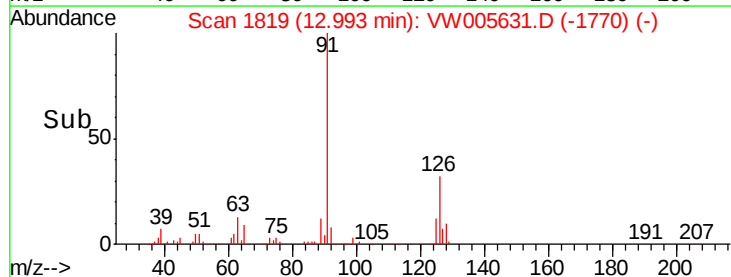
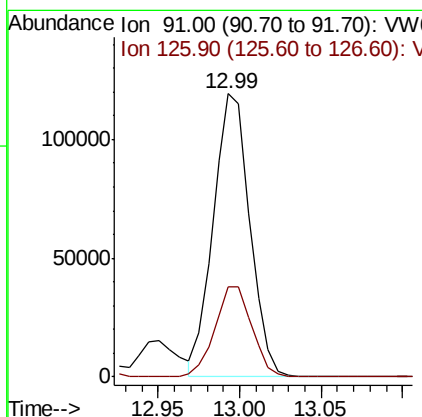
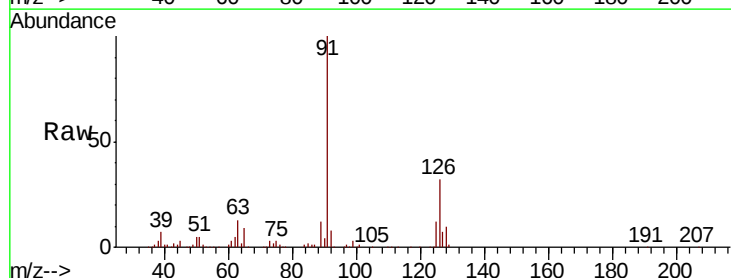
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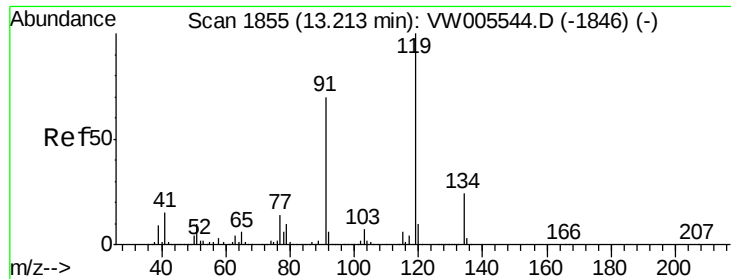
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#82
4-Chlorotoluene
Concen: 21.085 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.4





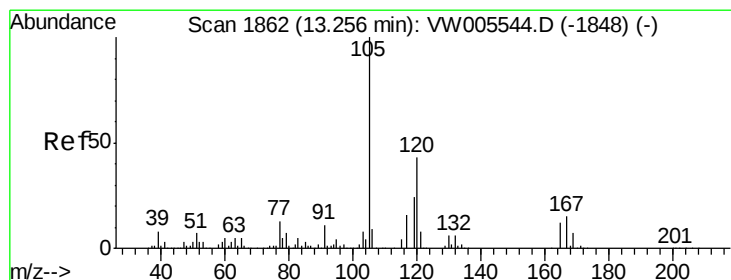
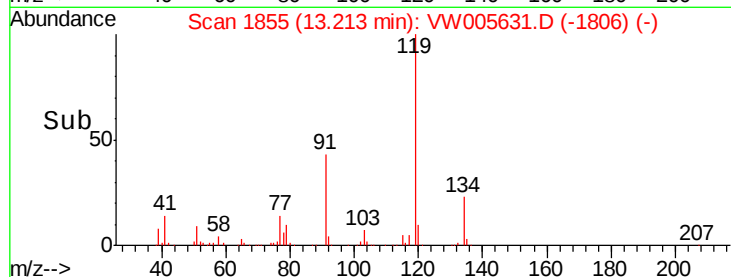
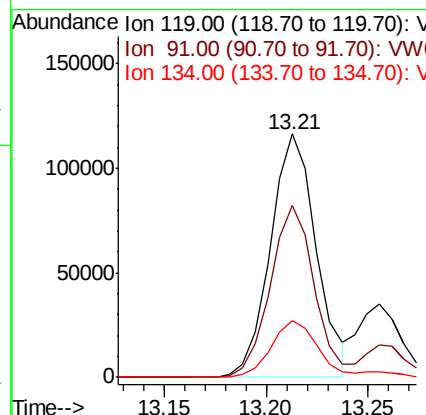
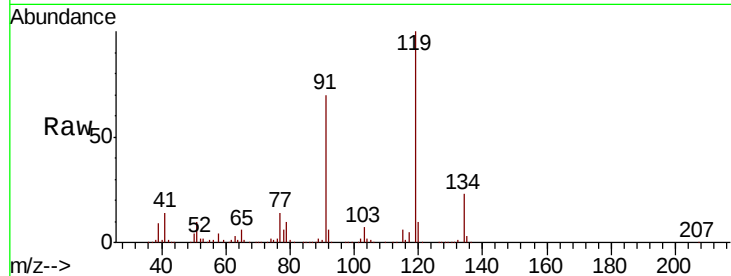
#83
 tert-Butylbenzene
 Concen: 20.926 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	181990		
91	67.5	34.6	103.8	
134	25.3	12.6	37.6	

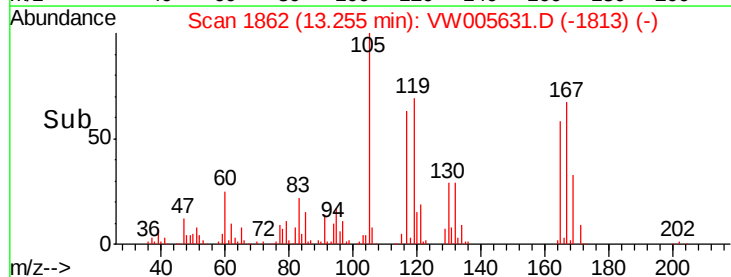
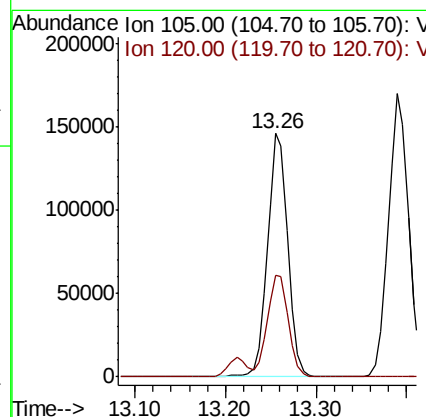
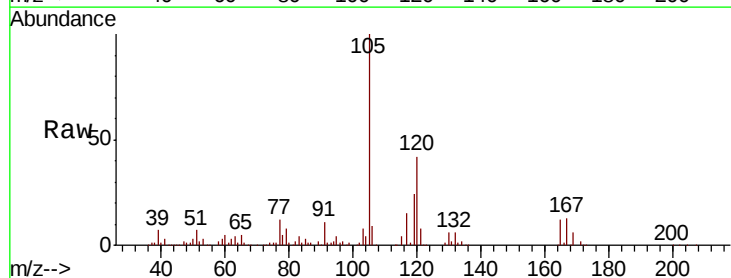
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.413 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	223696		
120	43.2	21.5	64.5	





#85

sec-Butylbenzene

Concen: 20.548 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

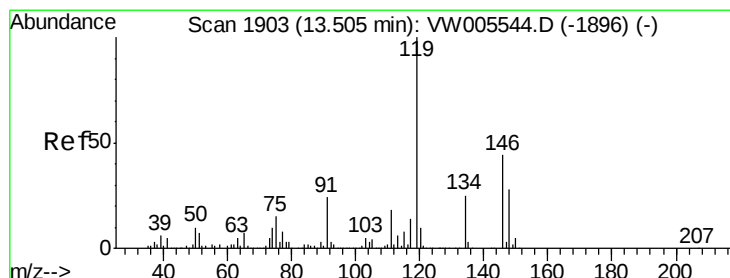
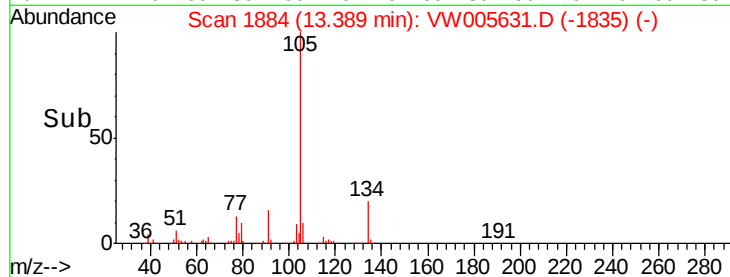
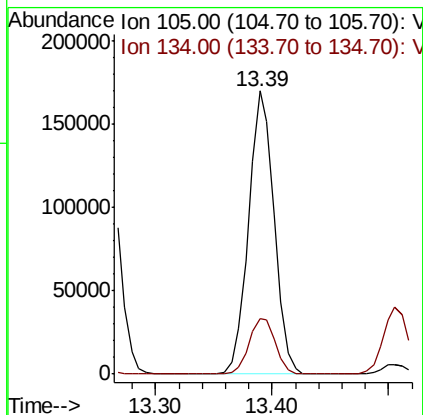
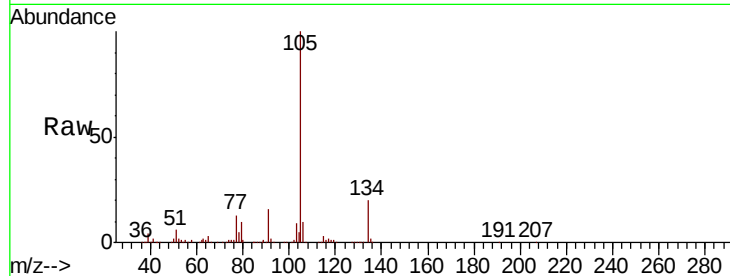
ClientSampleId :

VW0925SBSD02

Tot Ion:	105	Resp:	259179
Ion Ratio	Lower	Upper	
105	100		
134	20.1	9.8	29.5

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#86

p-Isopropyltoluene

Concen: 21.113 ug/l

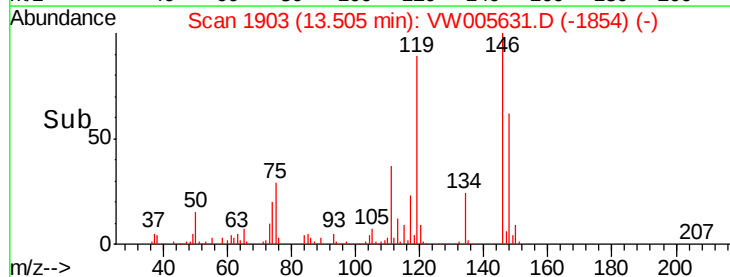
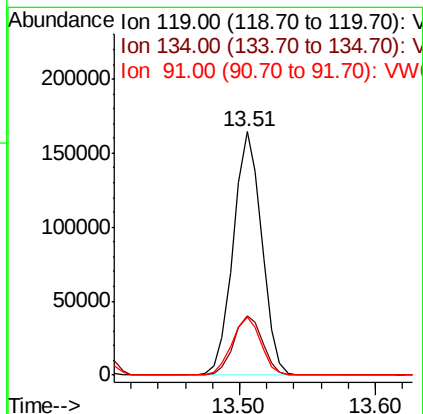
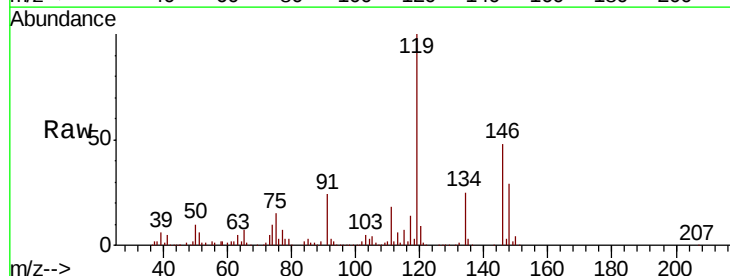
RT: 13.51 min Scan# 1903

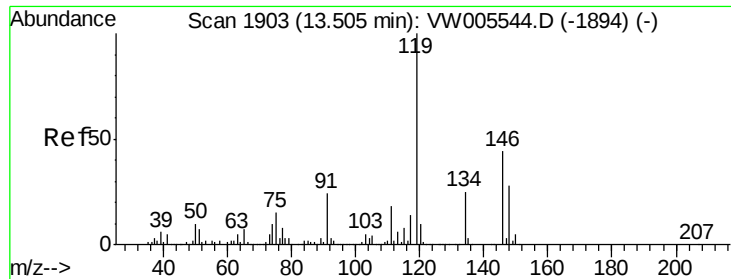
Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Tgt Ion:	119	Resp:	238702
Ion Ratio	Lower	Upper	
119	100		
134	25.2	12.7	38.1
91	24.4	12.2	36.4





#87

1,3-Dichlorobenzene

Concen: 21.139 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

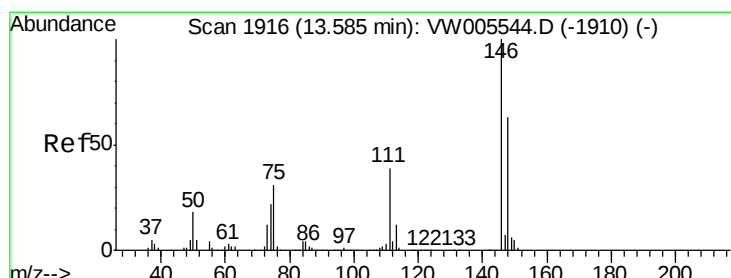
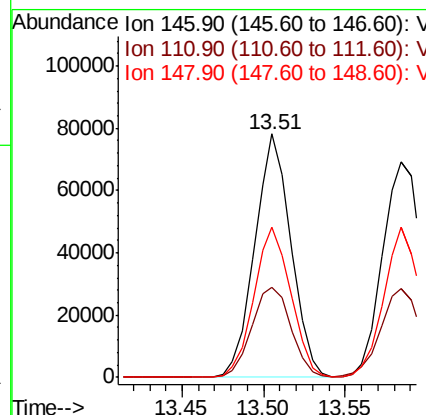
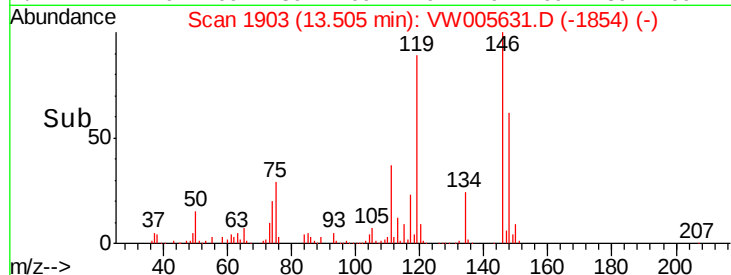
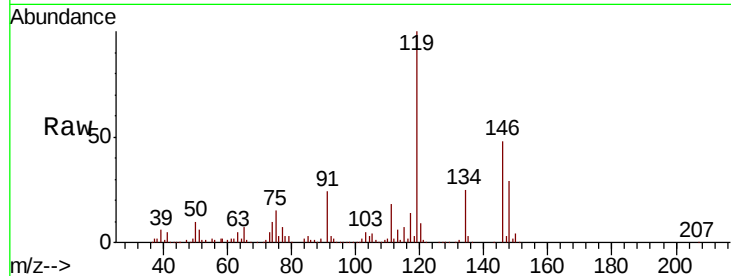
ClientSampleID :

VW0925SBSD02

Tot Ion:	146	Resp:	120610
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.3	60.9
148	62.7	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 20.297 ug/l

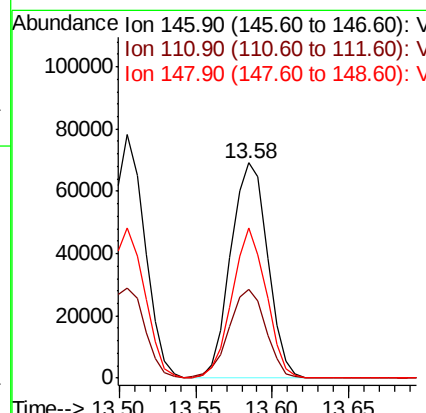
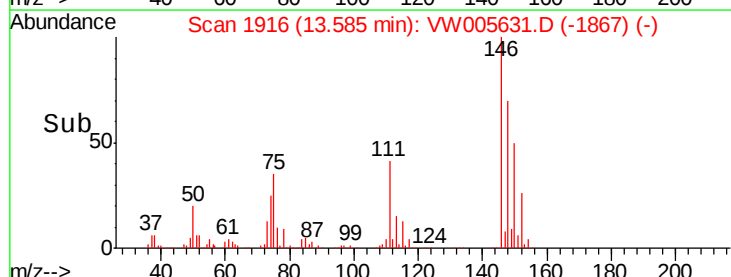
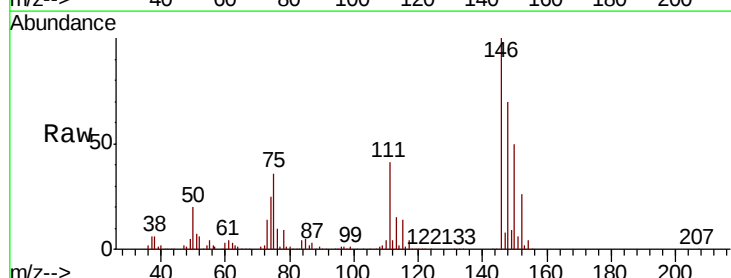
RT: 13.58 min Scan# 1916

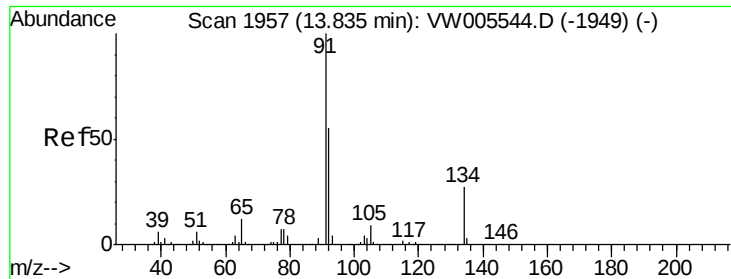
Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Tgt Ion:	146	Resp:	115177
Ion Ratio	Lower	Upper	
146	100		
111	41.8	19.9	59.7
148	64.8	32.1	96.3





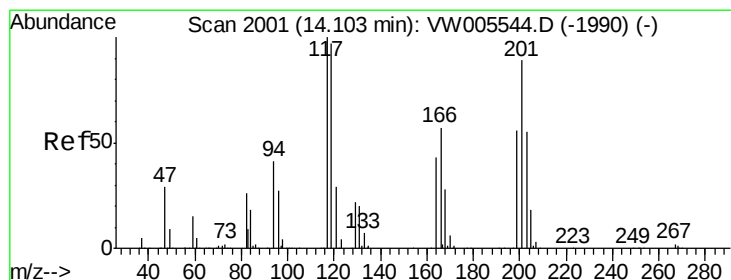
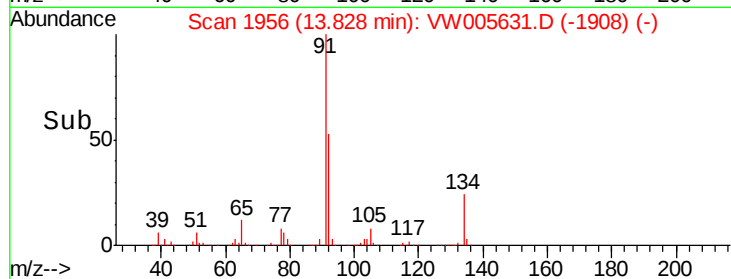
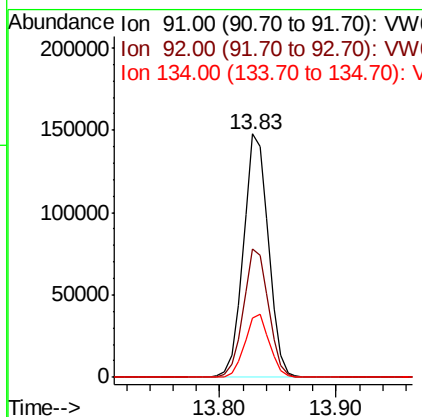
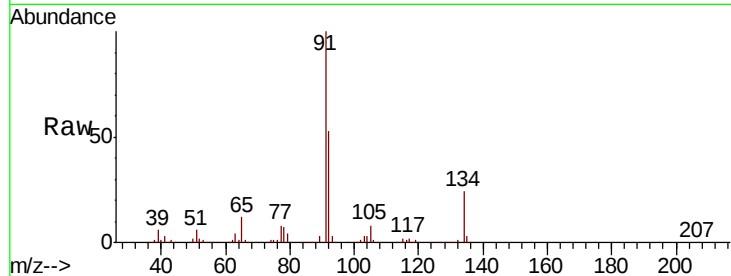
#89
n-Butylbenzene
Concen: 20.697 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.01 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.1	26.5	79.5	
134	25.4	12.9	38.7	

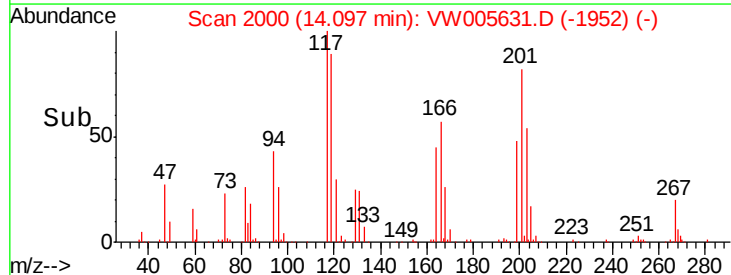
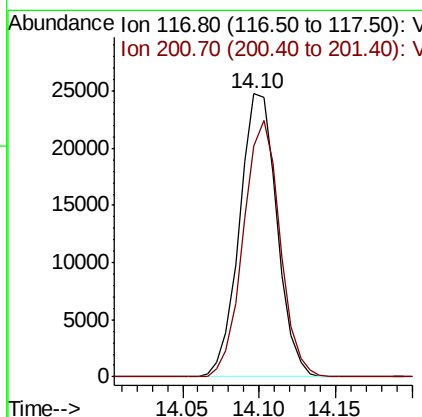
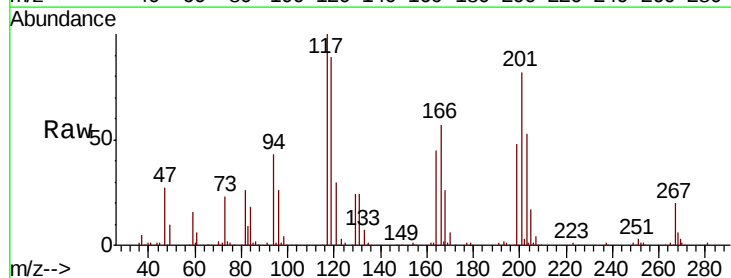
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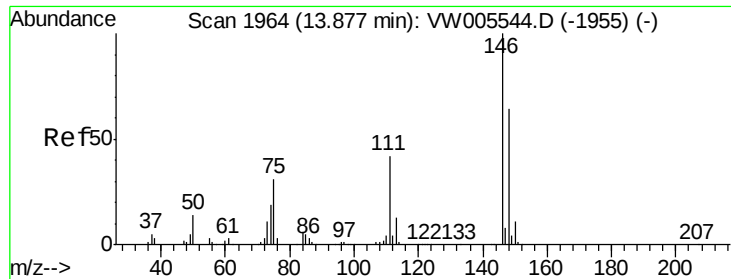
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#90
Hexachloroethane
Concen: 20.577 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	88.5	42.8	128.3	





#91

1,2-Dichlorobenzene

Concen: 21.660 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

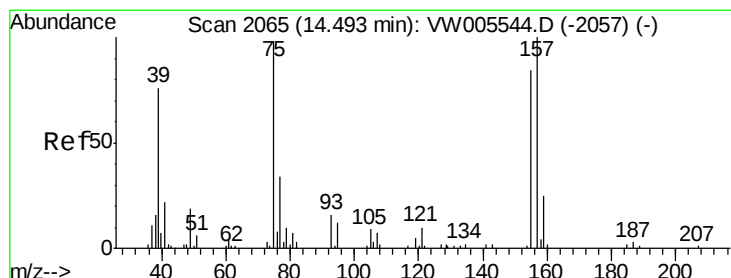
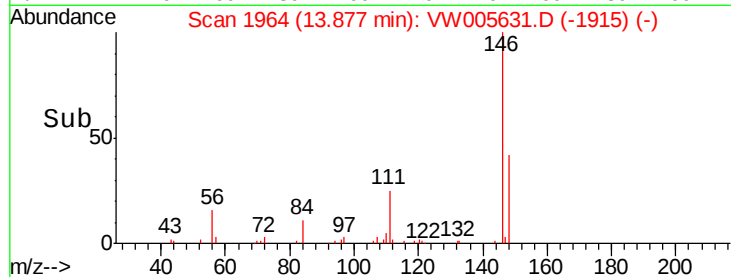
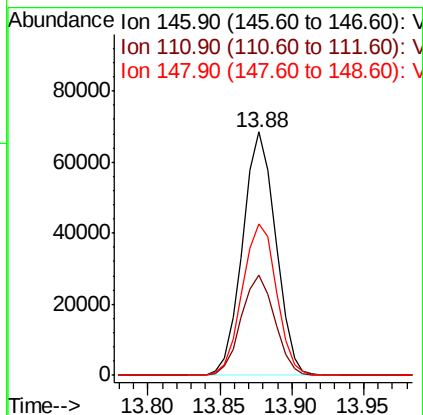
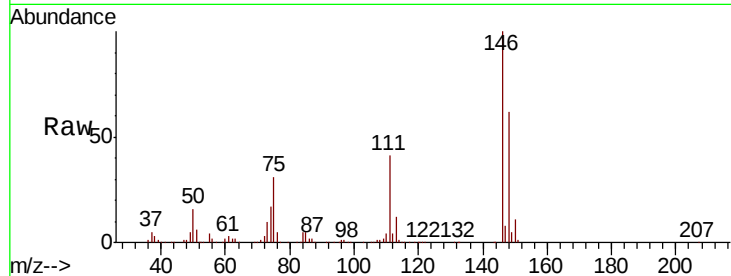
ClientSampleId :

VW0925SBS02

Tot Ion:	146	Resp:	109094
Ion Ratio	Lower	Upper	
146	100		
111	41.7	21.3	63.9
148	64.2	32.0	96.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 23.352 ug/l

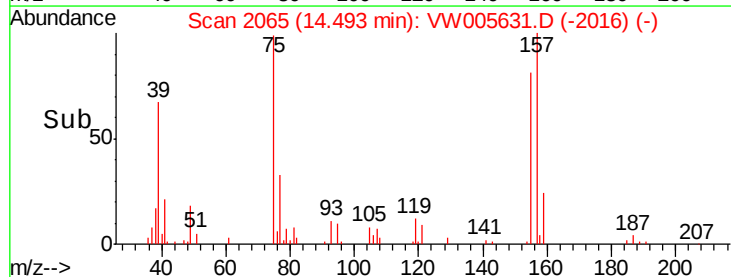
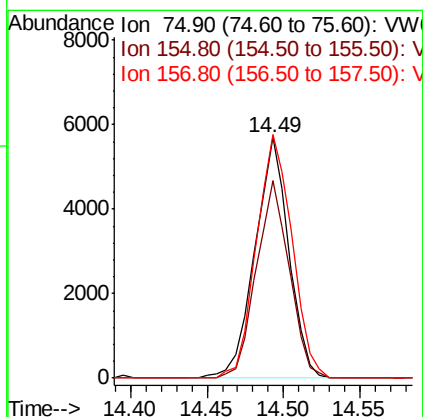
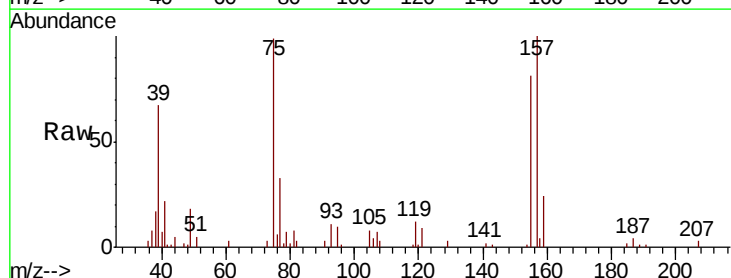
RT: 14.49 min Scan# 2065

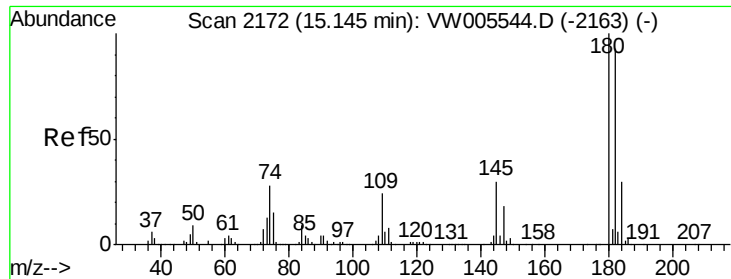
Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Tgt Ion:	75	Resp:	8798
Ion Ratio	Lower	Upper	
75	100		
155	79.6	39.1	117.5
157	105.9	50.8	152.4





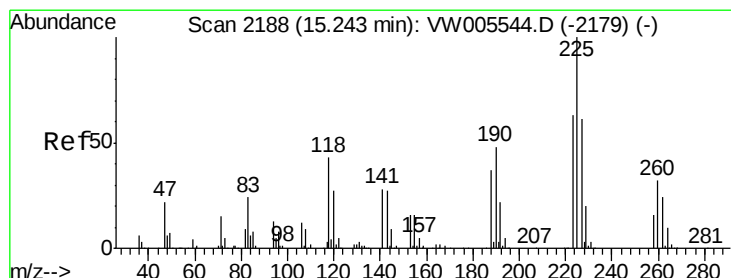
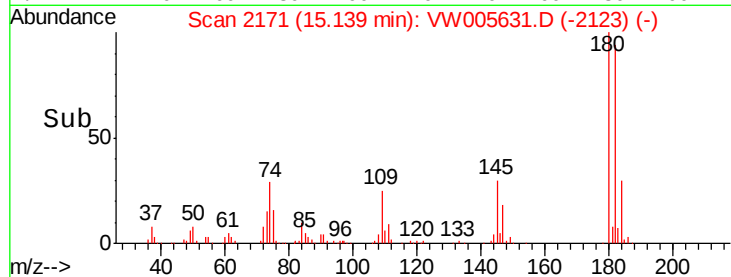
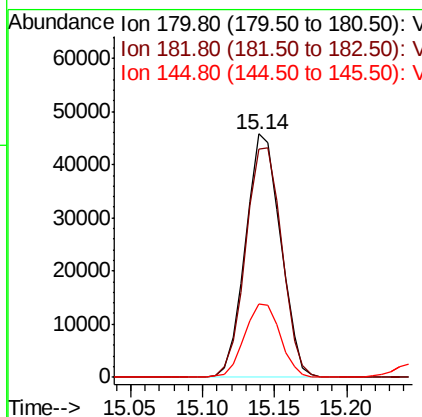
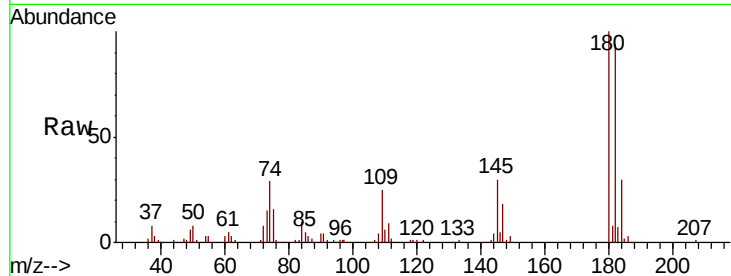
#93
1,2,4-Trichlorobenzene
Concen: 21.483 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.01 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	77188		
182	97.3	47.7	143.1	
145	30.9	15.0	45.1	

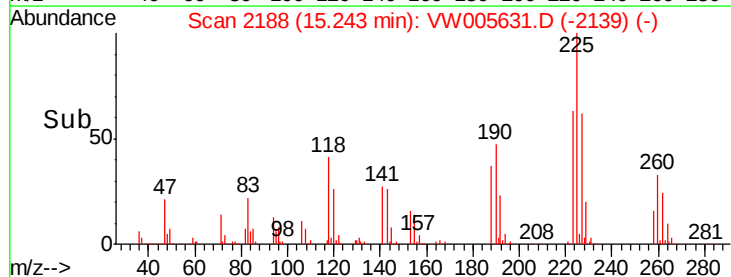
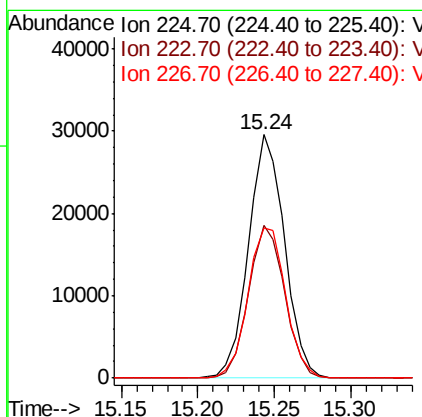
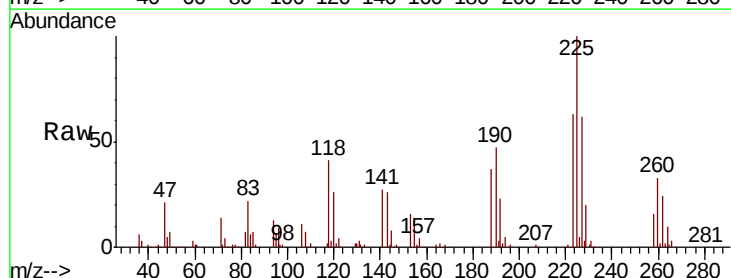
Manual Integrations
APPROVED

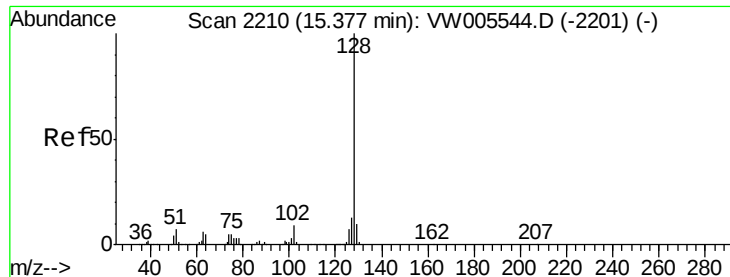
apatel
9/26/2018 2:38:35 PM



#94
Hexachlorobutadiene
Concen: 20.818 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	48457		
223	62.9	31.1	93.3	
227	64.7	31.8	95.3	





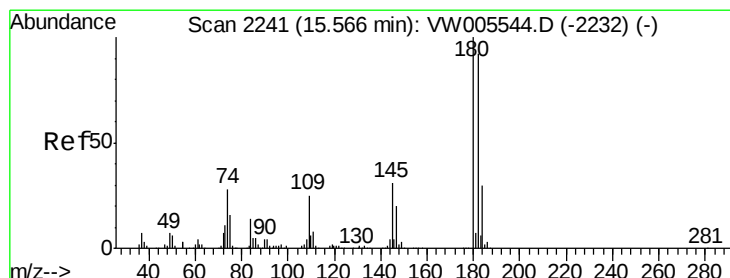
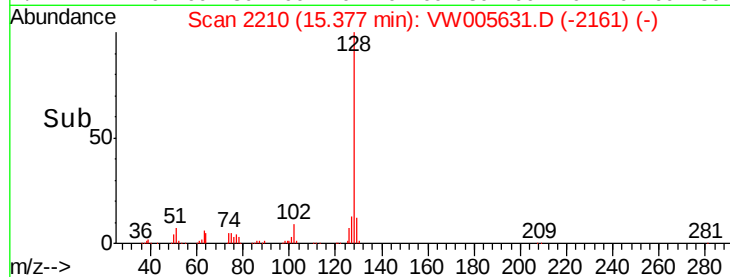
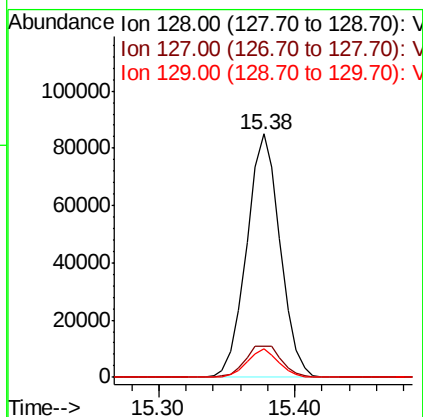
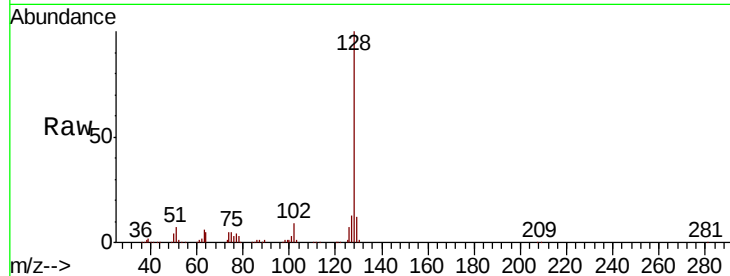
#95
Naphthalene
Concen: 24.242 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	146506		
127	14.0		10.9	16.3
129	11.2		8.6	13.0

Manual Integrations
APPROVED

apatel
9/26/2018 2:38:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.556 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	71422		
182	95.7		47.3	141.9
145	31.6		16.0	47.9

