

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006807.D
 Acq On : 12 Nov 2018 14:07
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 11/13/2018 11:53:44 AM

Quant Time: Nov 12 14:35:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	342076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	455008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	448604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	255370	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	223571	89.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.36%	
35) Dibromofluoromethane	7.89	113	247778	95.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.34%	
50) Toluene-d8	10.33	98	1032392	94.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.44%	
62) 4-Bromofluorobenzene	12.62	95	390054	98.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	259950	93.465	ug/l	99
3) Chloromethane	2.21	50	302269	90.529	ug/l	100
4) Vinyl Chloride	2.36	62	324561	92.461	ug/l	100
5) Bromomethane	2.78	94	201824	85.290	ug/l	100
6) Chloroethane	2.92	64	206975	90.098	ug/l	100
7) Trichlorofluoromethane	3.26	101	429824	97.454	ug/l	99
8) Diethyl Ether	3.69	74	129769	101.138	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	275391	93.971	ug/l	100
10) Methyl Iodide	4.28	142	439918	108.051	ug/l	99
11) Tert butyl alcohol	5.22	59	88360	535.496	ug/l	99
12) 1,1-Dichloroethene	4.04	96	254549	104.167	ug/l	97
13) Acrolein	3.90	56	81591	474.778	ug/l	98
14) Allyl chloride	4.68	41	342691	104.030	ug/l	100
15) Acrylonitrile	5.38	53	264155	514.339	ug/l	99
16) Acetone	4.15	43	182643	503.288	ug/l	99
17) Carbon Disulfide	4.39	76	827150	102.612	ug/l	100
18) Methyl Acetate	4.68	43	122740	96.381	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	626929	104.745	ug/l	99
20) Methylene Chloride	4.92	84	303065	86.385	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	293163	100.296	ug/l	98
22) Diisopropyl ether	6.32	45	716294	103.180	ug/l	99
23) Vinyl Acetate	6.26	43	2072886	523.541	ug/l	99
24) 1,1-Dichloroethane	6.22	63	459249	101.125	ug/l	99
25) 2-Butanone	7.18	43	302642	505.089	ug/l	100
26) 2,2-Dichloropropane	7.17	77	419873	97.039	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	322044	102.825	ug/l	99
28) Bromochloromethane	7.52	49	160470	94.340	ug/l	100
29) Tetrahydrofuran	7.54	42	200166	509.688	ug/l	99
30) Chloroform	7.68	83	494617	98.294	ug/l	99
31) Cyclohexane	7.96	56	424072	90.669	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	458441	95.994	ug/l	99
36) 1,1-Dichloropropene	8.09	75	400703	97.050	ug/l	99
37) Ethyl Acetate	7.26	43	139734	95.299	ug/l	99
38) Carbon Tetrachloride	8.07	117	423540	96.011	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	543898	103.464	ug/l	99
40) Benzene	8.33	78	1161751	99.645	ug/l	99
41) Methacrylonitrile	7.49	41	89354	105.040	ug/l	97
42) 1,2-Dichloroethane	8.40	62	300120	94.569	ug/l	100
43) Isopropyl Acetate	8.43	43	287635	104.642	ug/l	98
44) Trichloroethene	9.10	130	354322	98.843	ug/l	100
45) 1,2-Dichloropropane	9.37	63	267292	97.616	ug/l	98
46) Dibromomethane	9.46	93	149612	97.320	ug/l	99
47) Bromodichloromethane	9.65	83	366173	98.159	ug/l	100
48) Methyl methacrylate	9.44	41	135760	104.869	ug/l	98
49) 1,4-Dioxane	9.48	88	46874	2036.639	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	718564	508.817	ug/l	100
52) Toluene	10.39	92	832637	101.579	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	392977	108.640	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	449379	104.782	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	228358	100.832	ug/l	98
56) Ethyl methacrylate	10.65	69	274335	109.696	ug/l	99
57) 1,3-Dichloropropane	10.93	76	364098	100.568	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	652215	523.674	ug/l	99
59) 2-Hexanone	10.98	43	507689	530.460	ug/l	99
60) Dibromochloromethane	11.13	129	292712	107.525	ug/l	99
61) 1,2-Dibromoethane	11.24	107	222441	102.088	ug/l	99
64) Tetrachloroethene	10.87	164	340307	99.340	ug/l	99
65) Chlorobenzene	11.66	112	961367	100.679	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	322834	105.538	ug/l	100
67) Ethyl Benzene	11.74	91	1670914	104.018	ug/l	98
68) m/p-Xylenes	11.84	106	1359161	207.435	ug/l	100
69) o-Xylene	12.17	106	643847	106.735	ug/l	100
70) Styrene	12.18	104	1055612	107.663	ug/l	99
71) Bromoform	12.35	173	187554	110.687	ug/l	99
73) Isopropylbenzene	12.47	105	1752458	106.658	ug/l	99
74) N-amyl acetate	12.28	43	287720	107.433	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	249451	101.906	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	187663m	100.770	ug/l	
77) Bromobenzene	12.75	156	437657	103.016	ug/l	99
78) n-propylbenzene	12.81	91	2050896	105.051	ug/l	100
79) 2-Chlorotoluene	12.90	91	1141994	103.836	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1493227	104.890	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	80928	115.542	ug/l	95
82) 4-Chlorotoluene	12.99	91	1208987	102.855	ug/l	99
83) tert-Butylbenzene	13.21	119	1323210	107.568	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1523436	104.447	ug/l	100
85) sec-Butylbenzene	13.39	105	1869810	106.205	ug/l	100
86) p-Isopropyltoluene	13.51	119	1709005	106.421	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	872255	101.058	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	856897	99.680	ug/l	99
89) n-Butylbenzene	13.83	91	1552852	104.769	ug/l	100
90) Hexachloroethane	14.10	117	278939	110.718	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	764066	101.191	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	39760	100.591	ug/l	97

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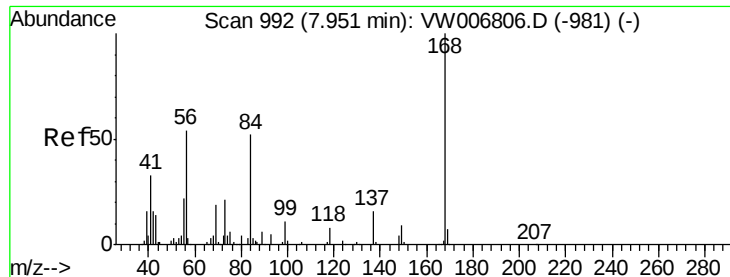
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	589146	105.400	ug/l	99
94) Hexachlorobutadiene	15.24	225	357438	101.609	ug/l	100
95) Naphthalene	15.38	128	958061	112.018	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	505625	104.571	ug/l	100

(#) = 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: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion:168 Resp: 342076

Ion Ratio Lower Upper

168 100

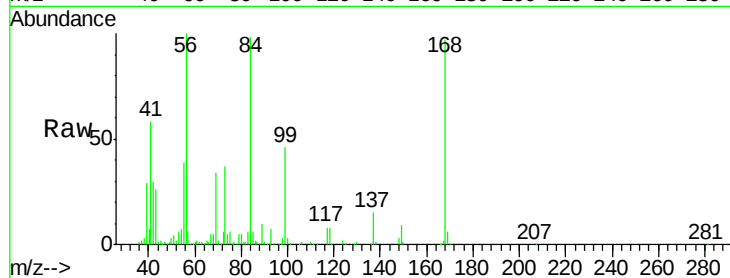
99 47.6 37.3 55.9

Manual Integrations

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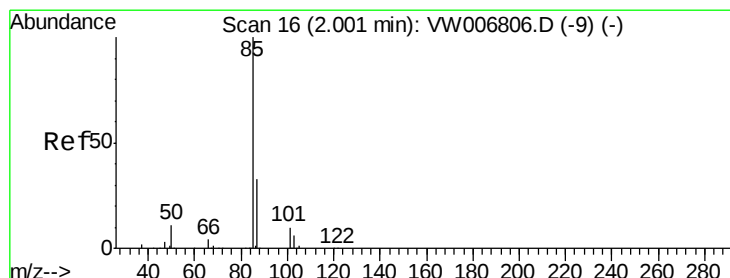
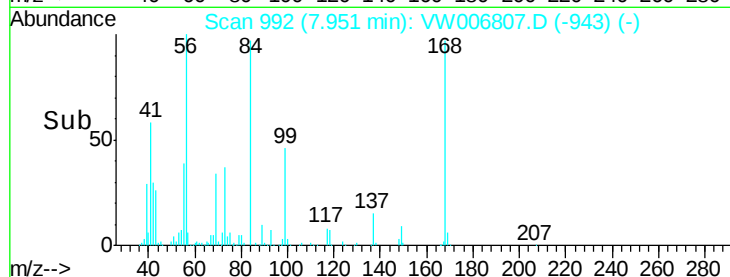
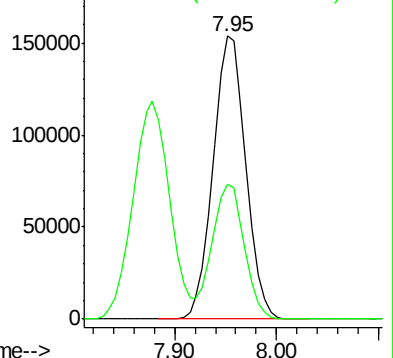
apatel

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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: 93.465 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006807.D

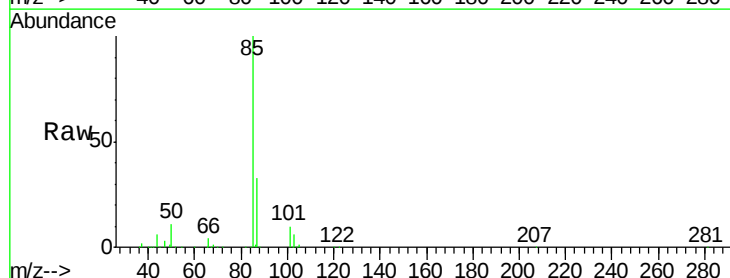
Acq: 12 Nov 2018 14:07

Tgt Ion: 85 Resp: 259950

Ion Ratio Lower Upper

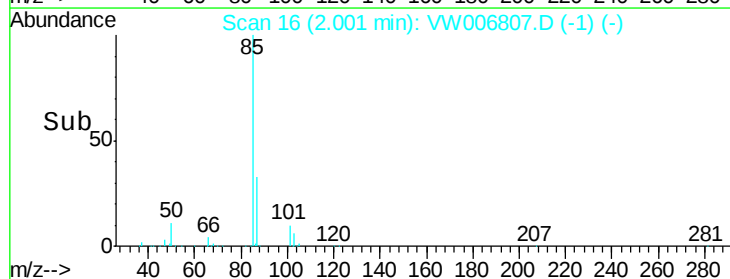
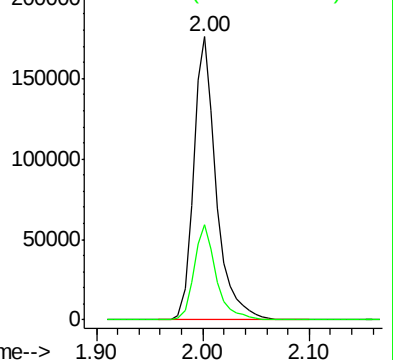
85 100

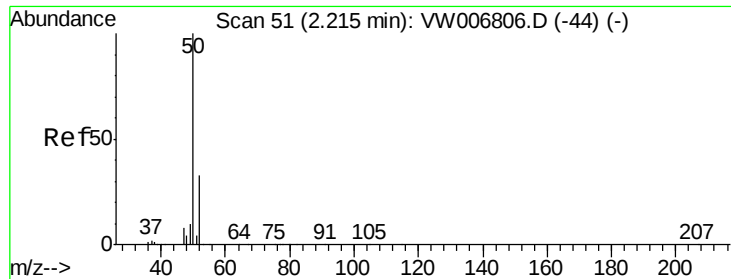
87 33.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 90.529 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tgt Ion: 50 Resp: 302269

Ion Ratio Lower Upper

50 100

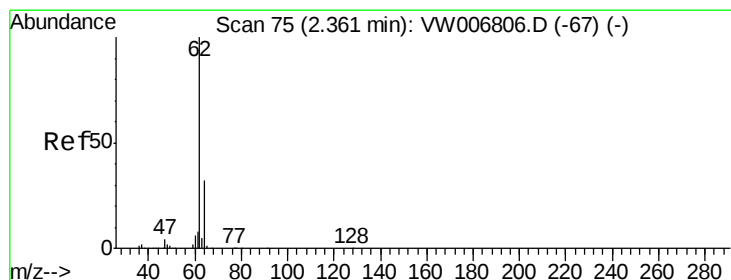
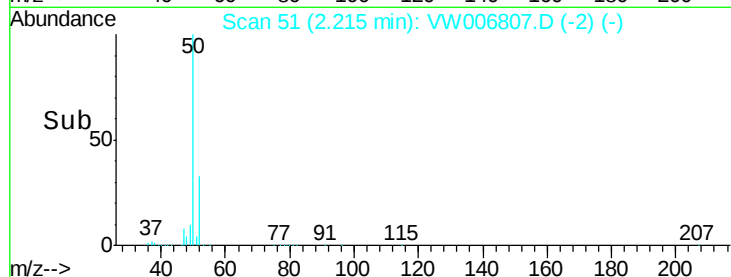
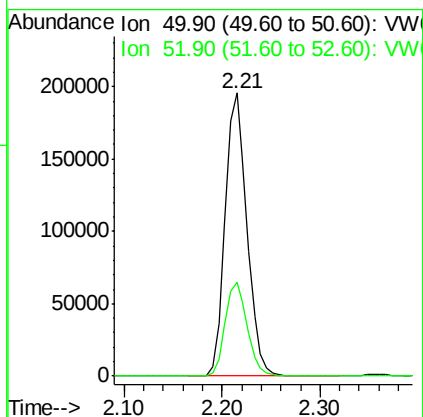
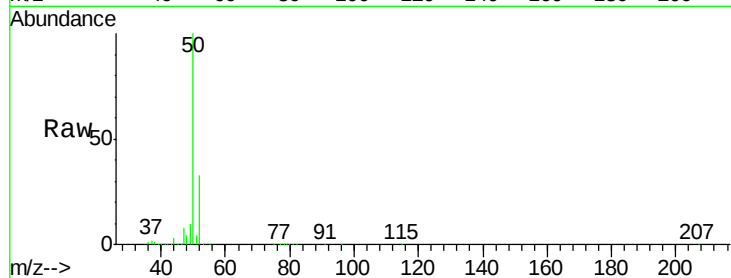
52 33.0 26.2 39.4

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#4

Vinyl Chloride

Concen: 92.461 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006807.D

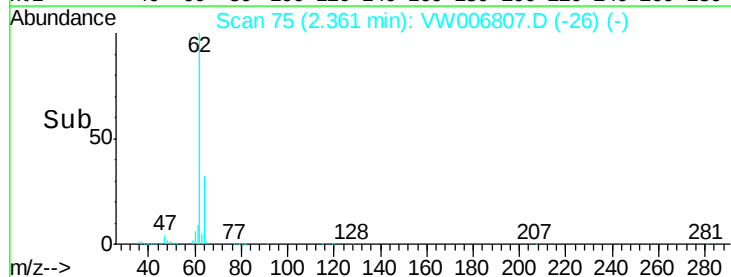
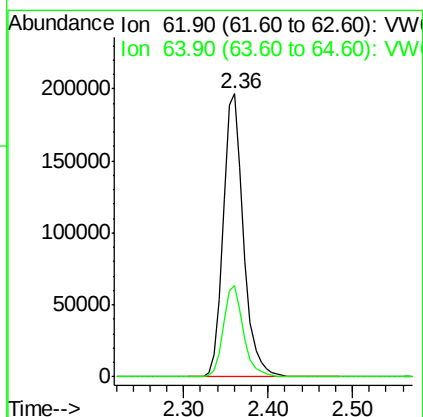
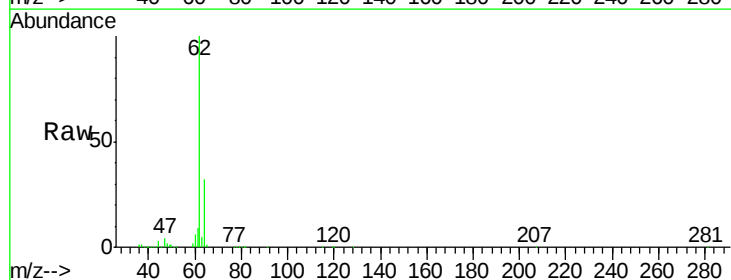
Acq: 12 Nov 2018 14:07

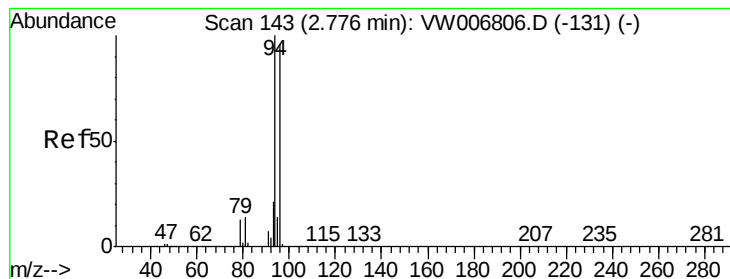
Tgt Ion: 62 Resp: 324561

Ion Ratio Lower Upper

62 100

64 32.2 25.6 38.4





#5

Bromomethane

Concen: 85.290 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 94 Resp: 201824

Ion Ratio Lower Upper

94 100

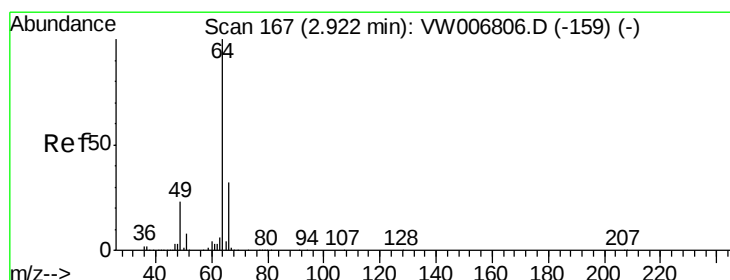
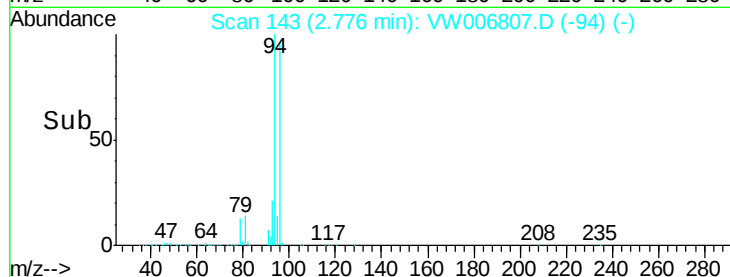
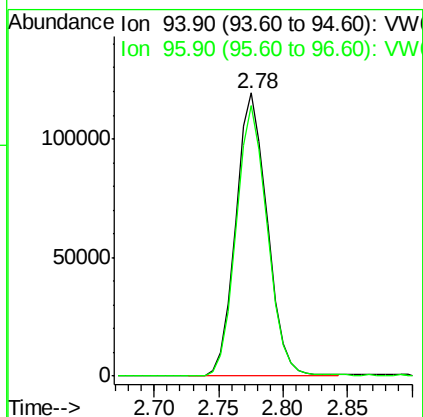
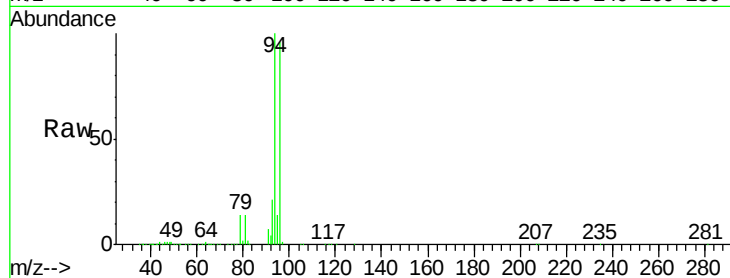
96 95.6 76.8 115.2

Manual Integrations

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#6

Chloroethane

Concen: 90.098 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006807.D

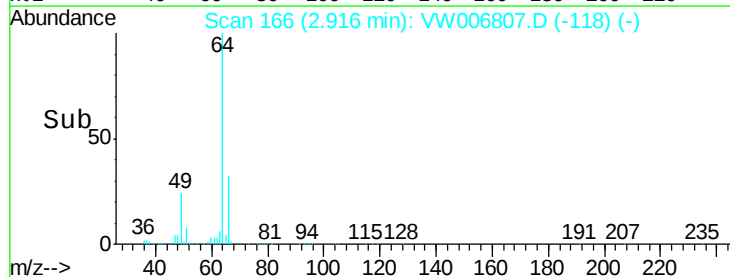
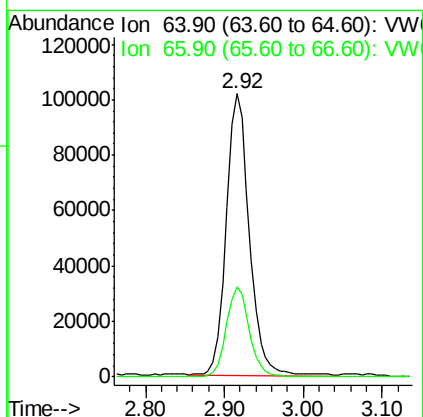
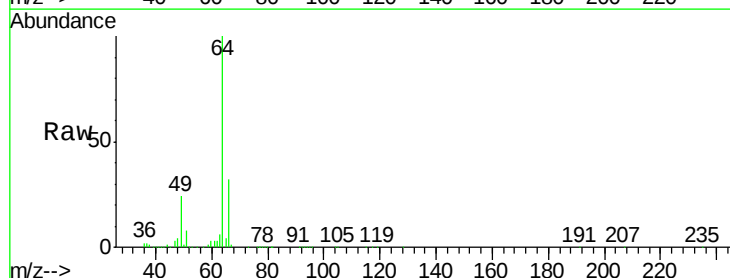
Acq: 12 Nov 2018 14:07

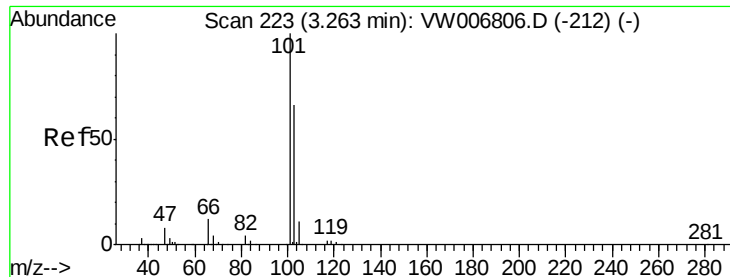
Tgt Ion: 64 Resp: 206975

Ion Ratio Lower Upper

64 100

66 31.8 25.5 38.3





#7

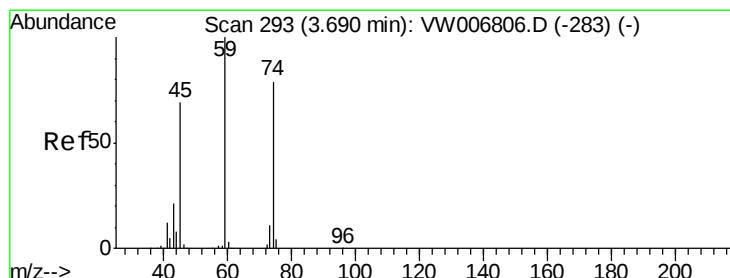
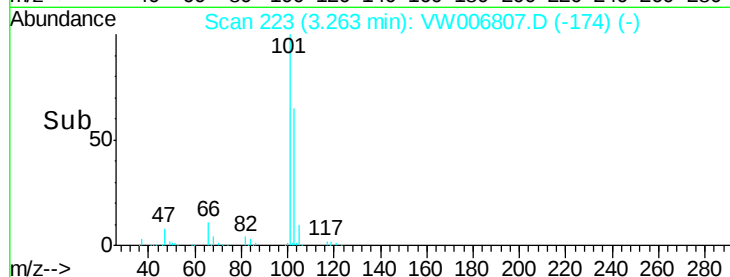
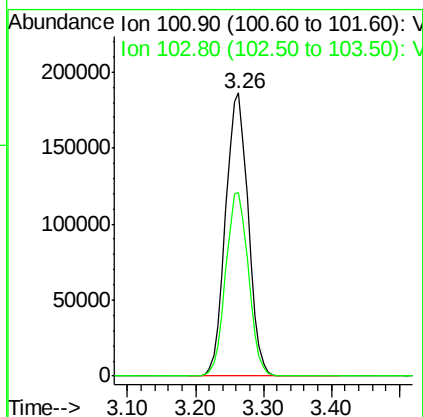
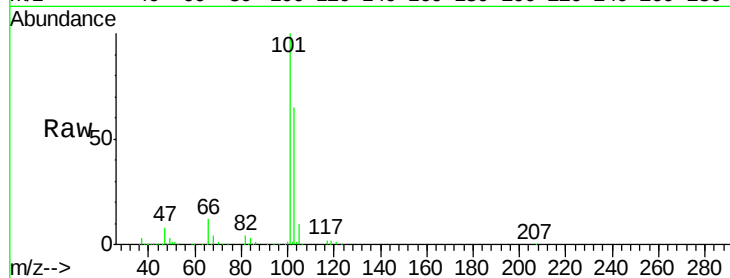
Trichlorofluoromethane
Concen: 97.454 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

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VSTDIC100

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.6	79.0

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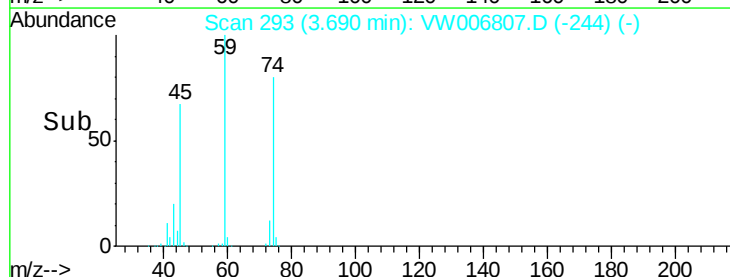
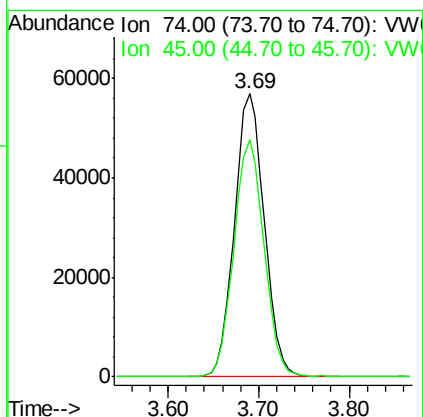
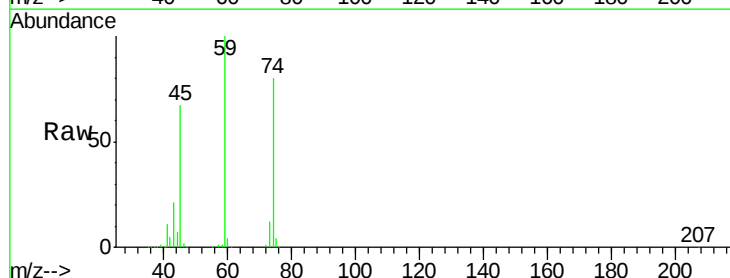
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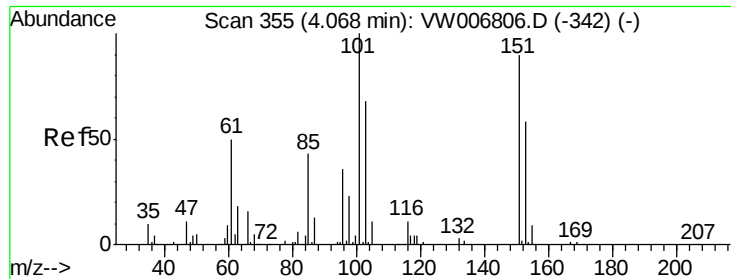


#8

Diethyl Ether
Concen: 101.138 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW006807.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.1	43.1	129.4





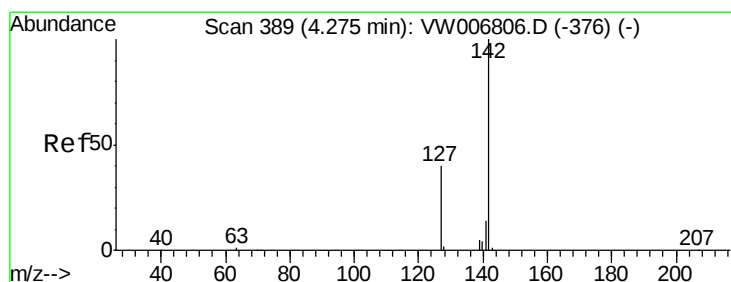
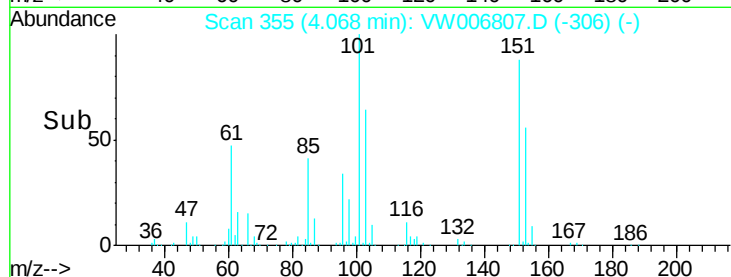
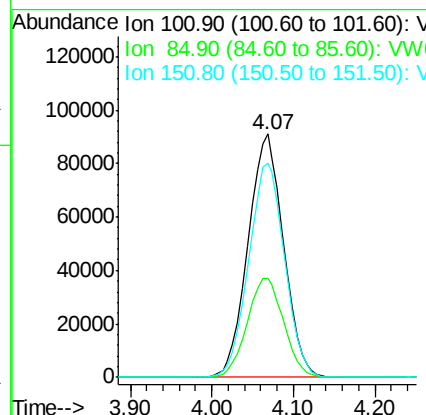
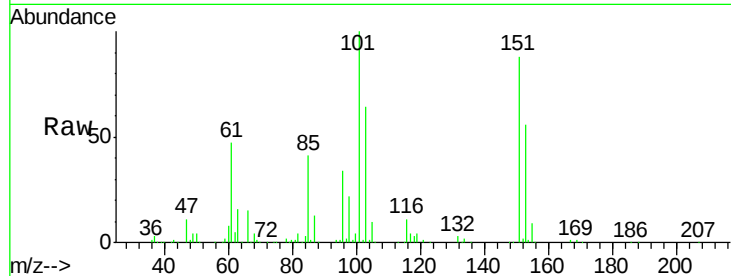
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 93.971 ug/l
 RT: 4.07 min Scan# 355
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

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 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	275391		
85	41.8	33.8	50.8	
151	89.5	71.4	107.0	

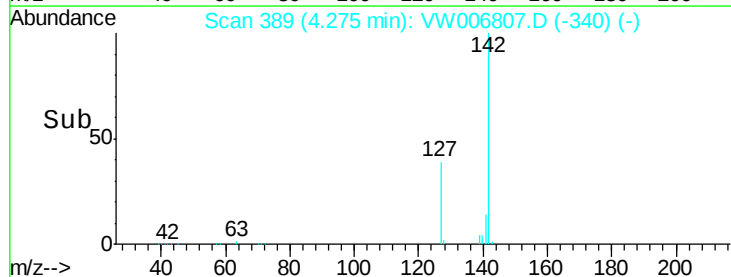
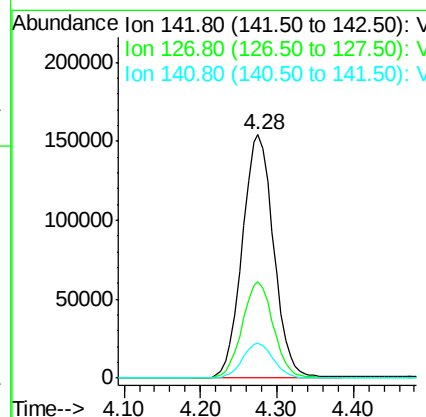
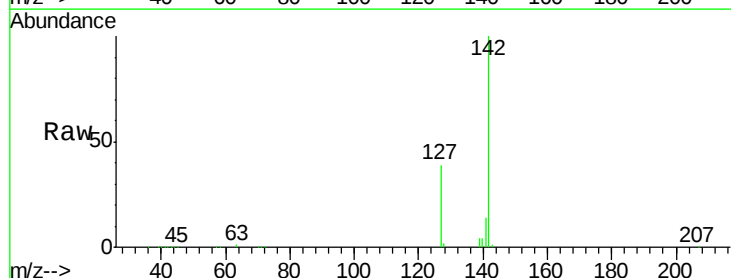
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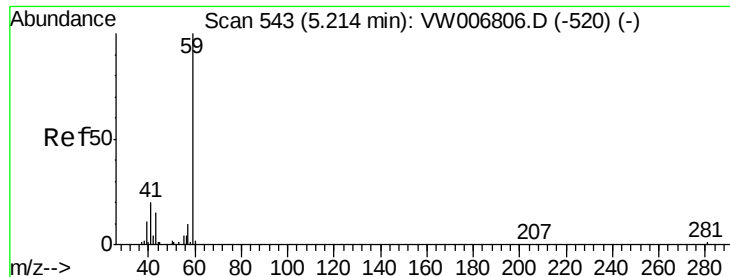
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#10
 Methyl Iodide
 Concen: 108.051 ug/l
 RT: 4.28 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	439918		
127	39.4	31.8	47.8	
141	14.0	11.5	17.3	





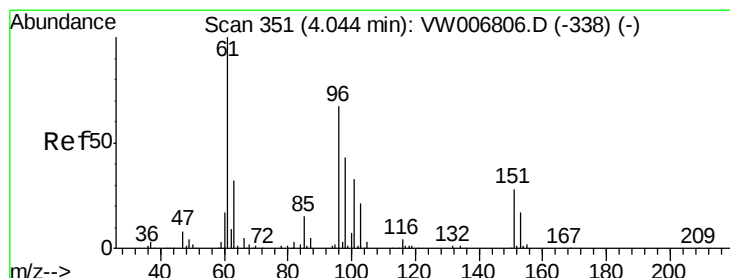
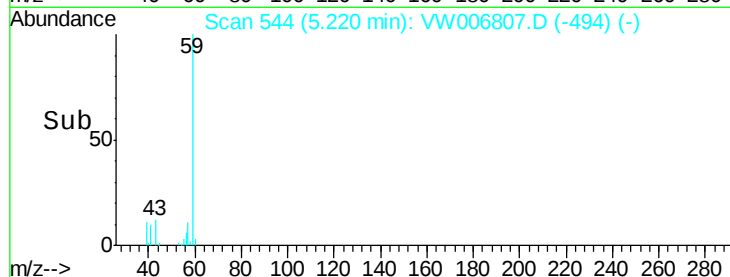
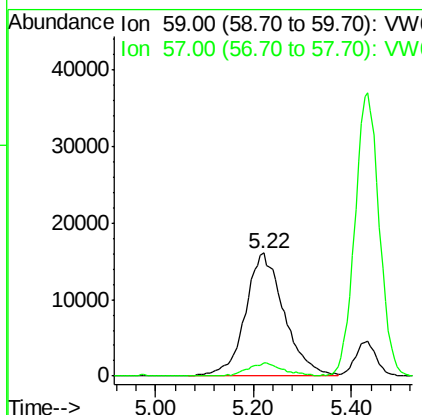
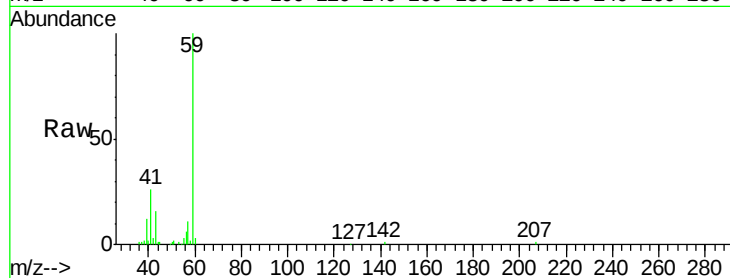
#11
Tert butyl alcohol
Concen: 535.496 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.01 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 88360
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

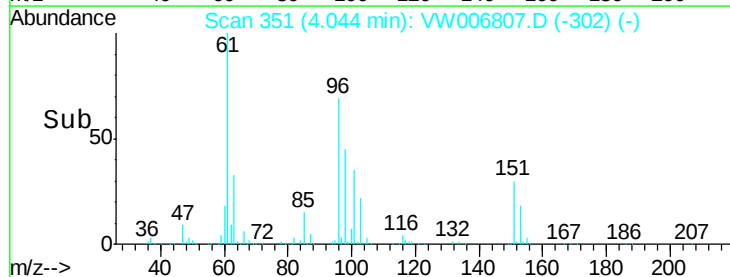
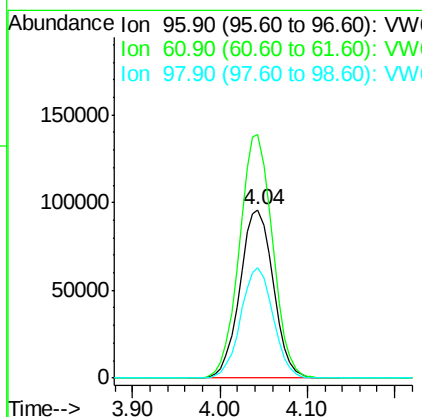
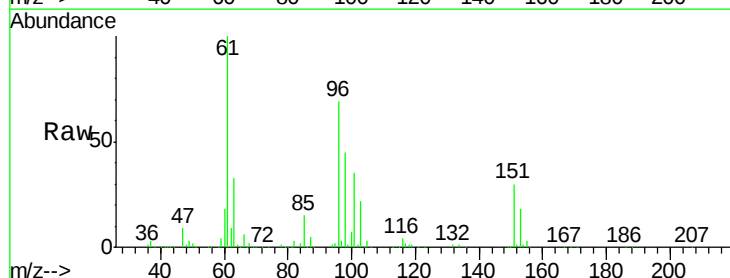
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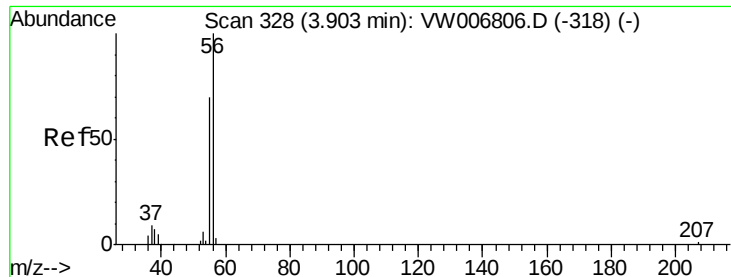
apatel
11/13/2018 11:53:44 AM



#12
1,1-Dichloroethene
Concen: 104.167 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion: 96 Resp: 254549
Ion Ratio Lower Upper
96 100
61 144.5 119.8 179.6
98 65.5 51.5 77.3





#13

Acrolein

Concen: 474.778 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 56 Resp: 81591

Ion Ratio Lower Upper

56 100

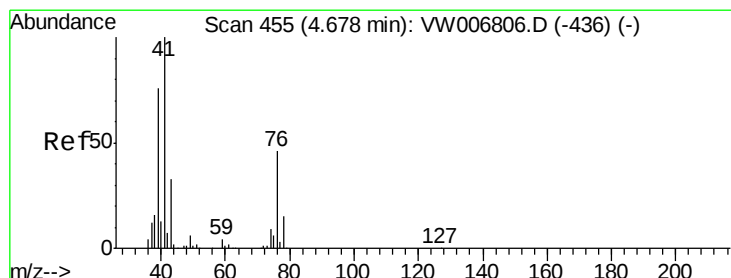
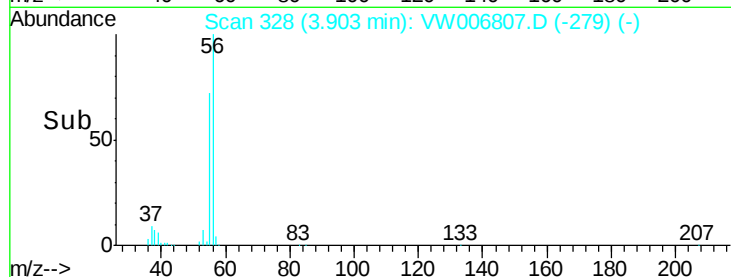
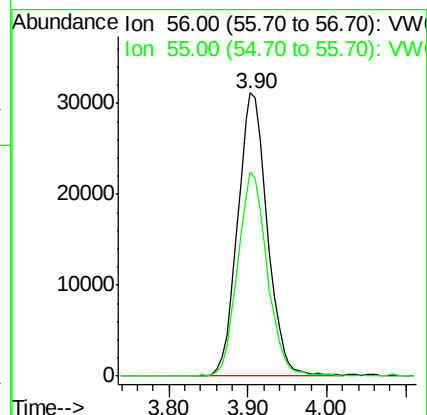
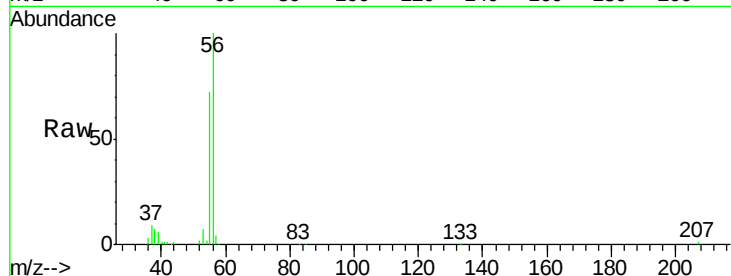
55 71.4 56.1 84.1

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#14

Allyl chloride

Concen: 104.030 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

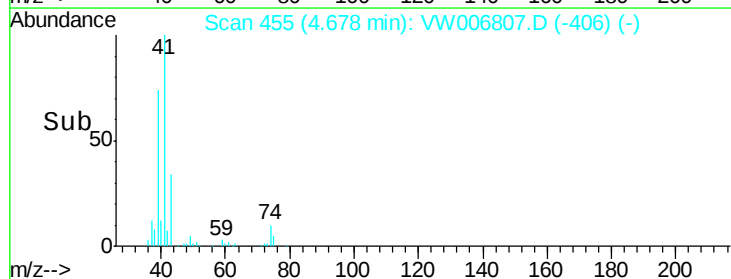
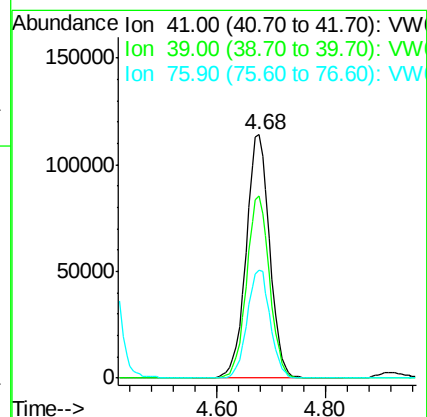
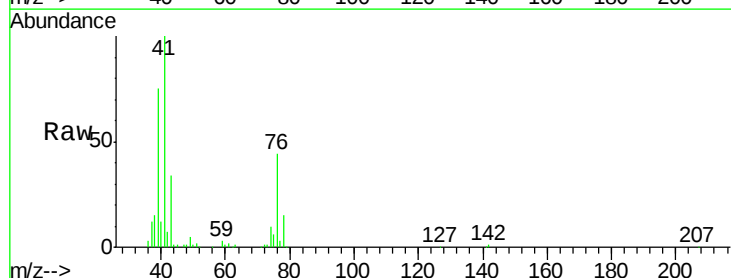
Tgt Ion: 41 Resp: 342691

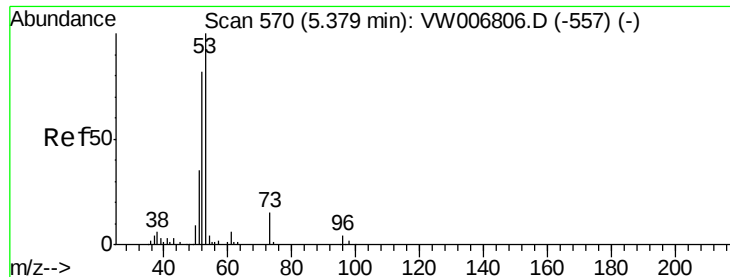
Ion Ratio Lower Upper

41 100

39 73.1 58.9 88.3

76 43.1 34.4 51.6





#15

Acrylonitrile

Concen: 514.339 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

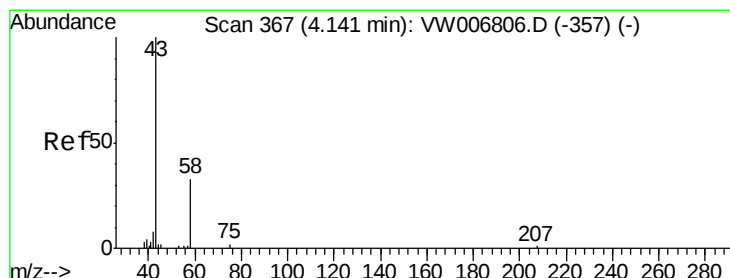
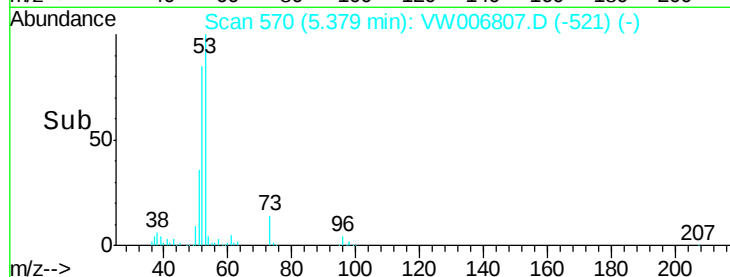
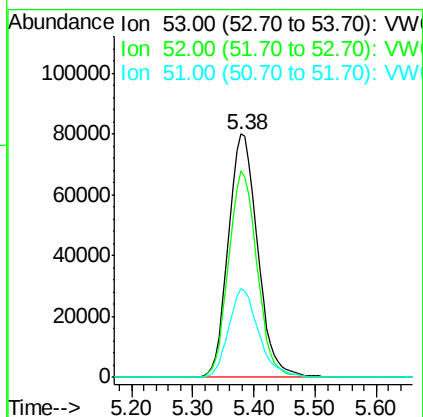
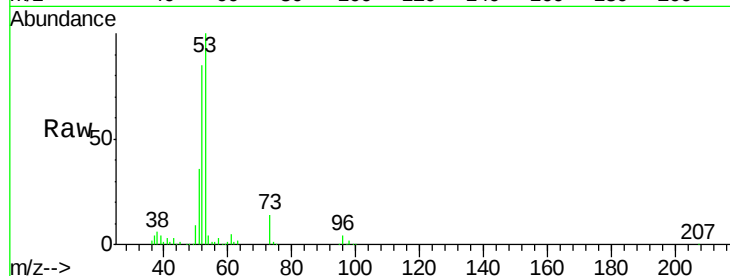
ClientSampleId :

VSTDICC100

Tgt Ion:	53	Resp:	264155
Ion Ratio	Lower	Upper	
53	100		
52	82.2	65.2	97.8
51	37.2	30.0	45.0

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#16

Acetone

Concen: 503.288 ug/l

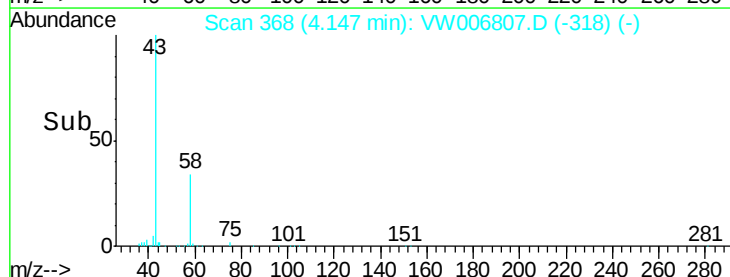
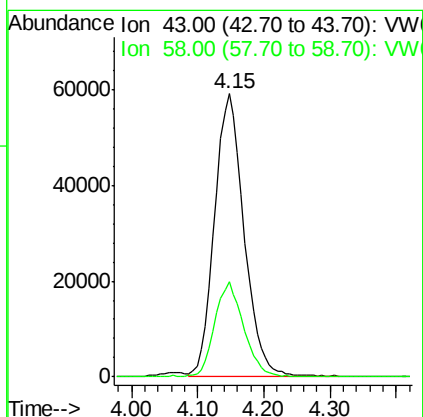
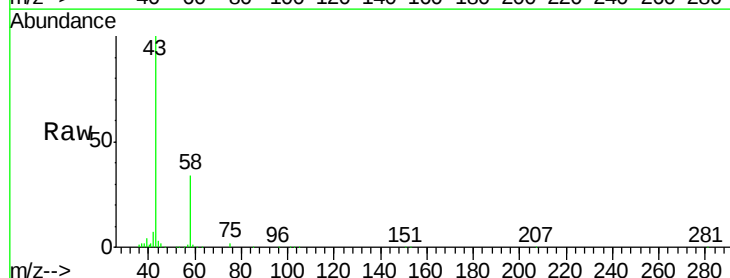
RT: 4.15 min Scan# 368

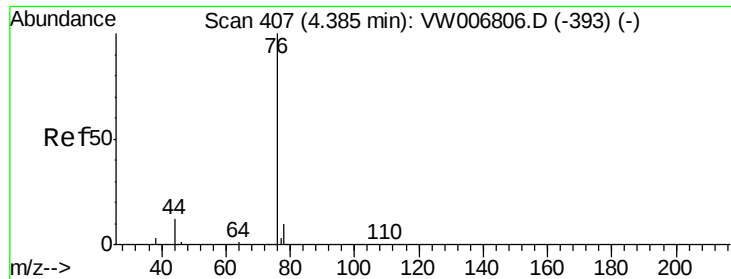
Delta R.T. 0.01 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Tgt Ion:	43	Resp:	182643
Ion Ratio	Lower	Upper	
43	100		
58	33.7	26.5	39.7





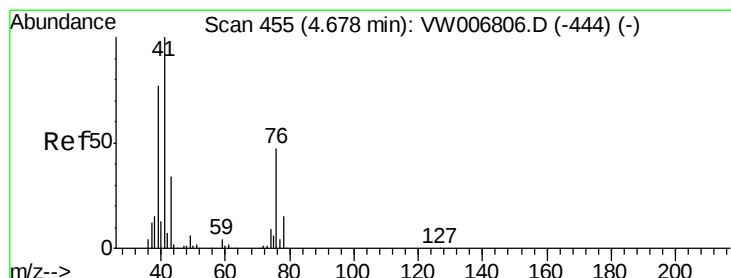
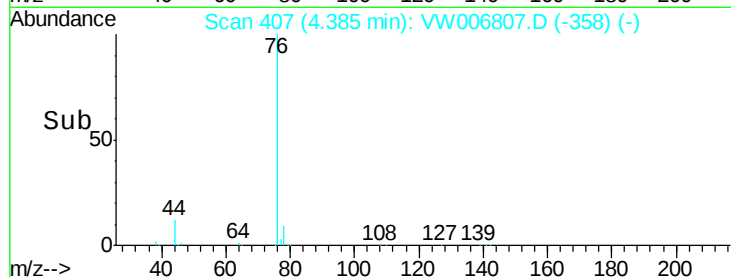
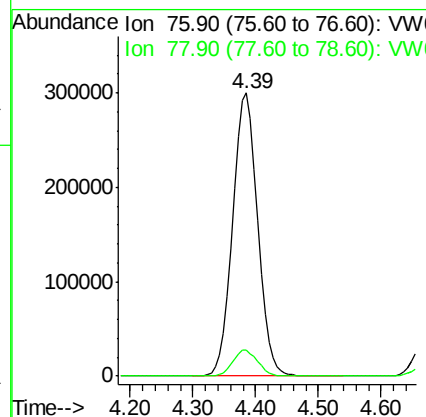
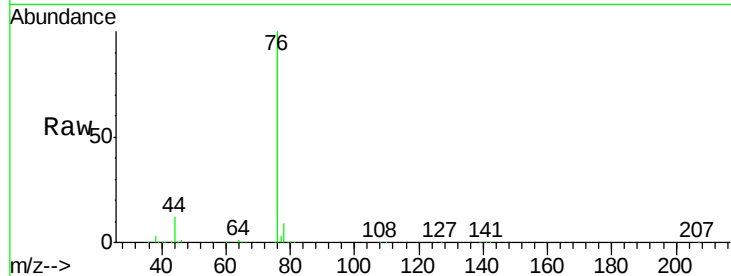
#17
Carbon Disulfide
Concen: 102.612 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.6	11.4

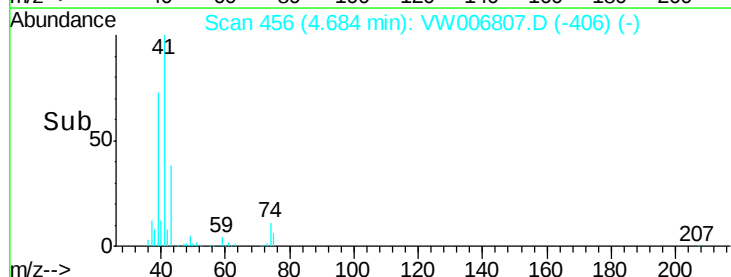
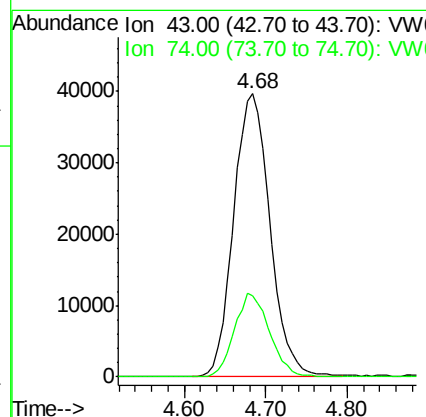
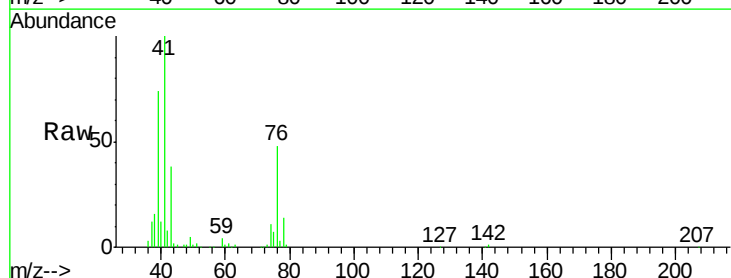
Manual Integrations
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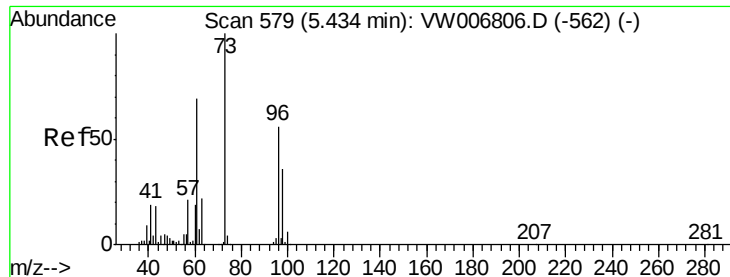
apatel
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#18
Methyl Acetate
Concen: 96.381 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.5	21.9	32.9





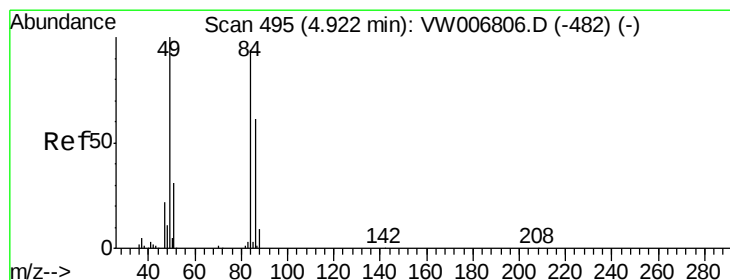
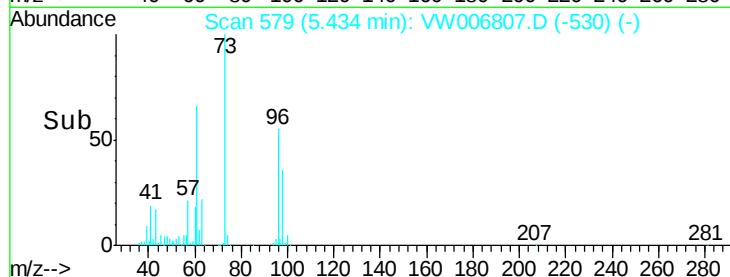
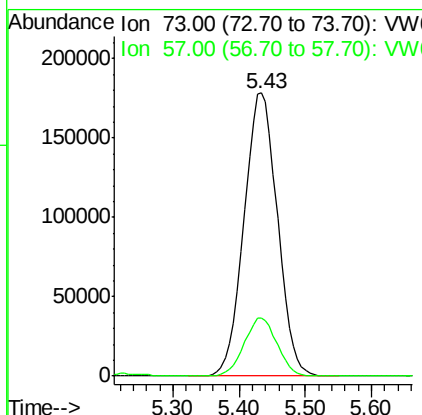
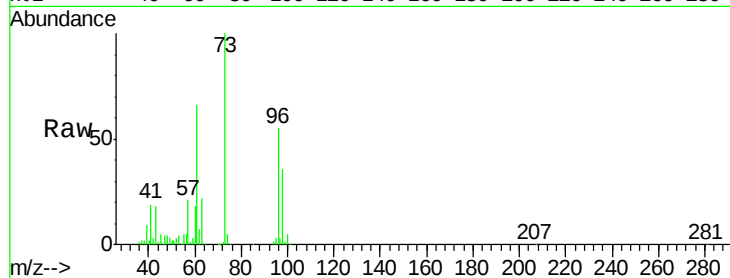
#19
Methyl tert-butyl Ether
Concen: 104.745 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 626929
Ion Ratio Lower Upper
73 100
57 20.7 16.8 25.2

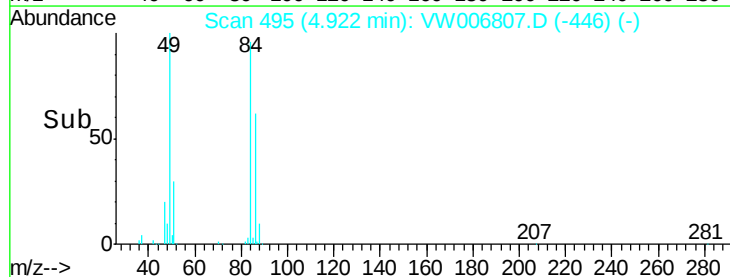
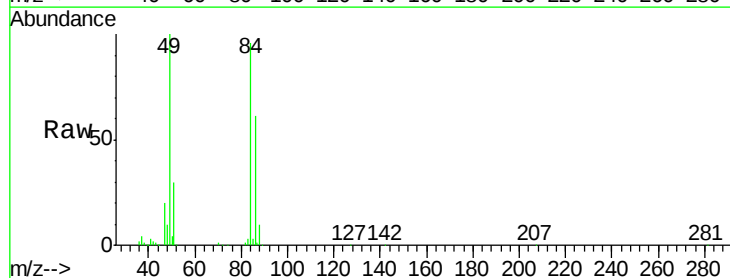
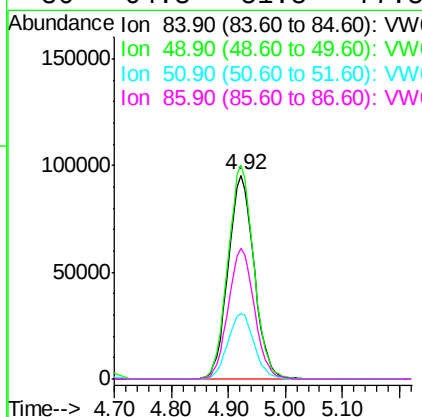
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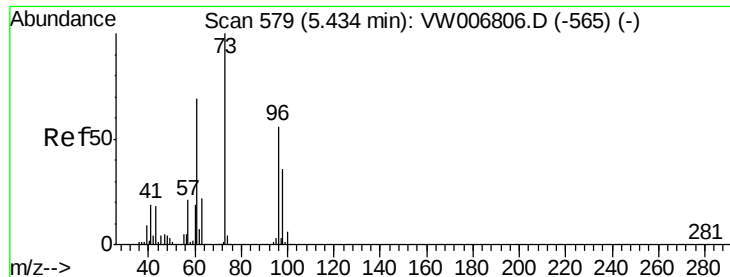
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#20
Methylene Chloride
Concen: 86.385 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion: 84 Resp: 303065
Ion Ratio Lower Upper
84 100
49 104.6 84.8 127.2
51 31.8 26.2 39.4
86 64.3 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 100.296 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

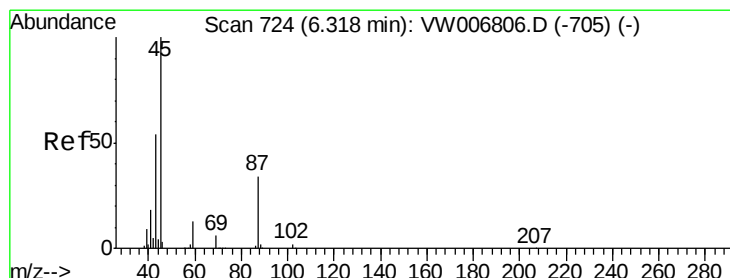
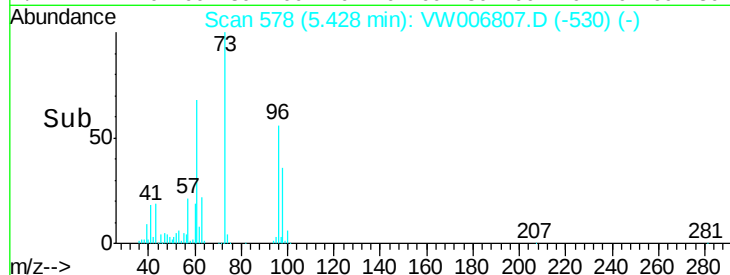
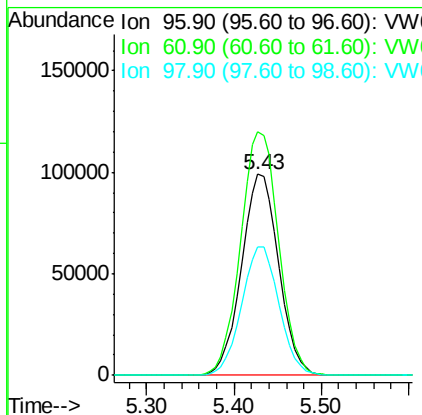
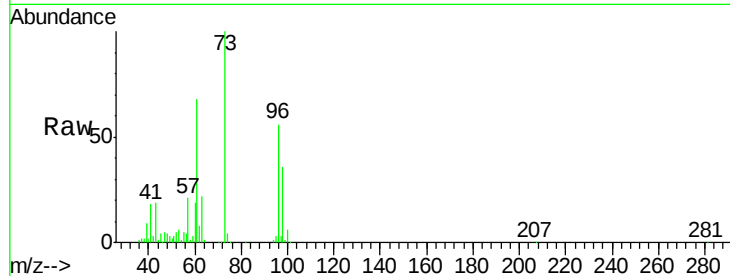
ClientSampleId :

VSTDIC100

Tgt Ion:	96	Resp:	293163
Ion	Ratio	Lower	Upper
96	100		
61	120.9	98.7	148.1
98	63.7	51.2	76.8

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#22

Diisopropyl ether

Concen: 103.180 ug/l

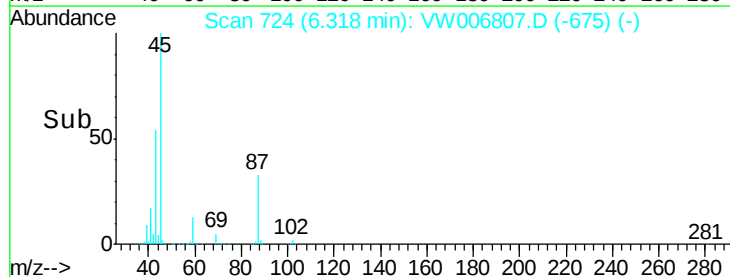
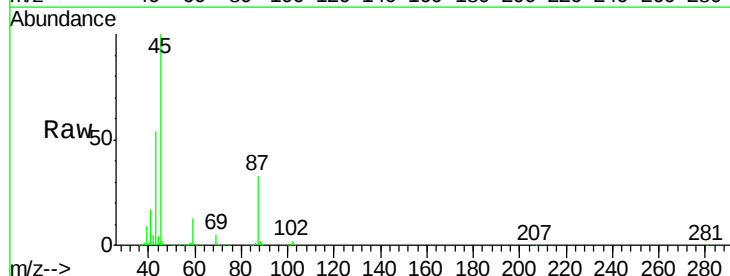
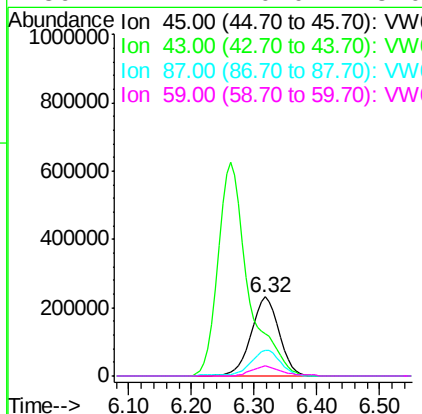
RT: 6.32 min Scan# 724

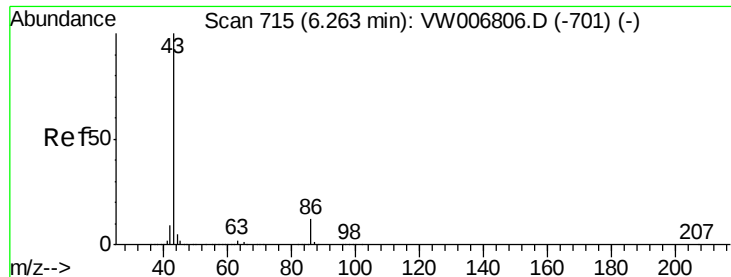
Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Tgt Ion:	45	Resp:	716294
Ion	Ratio	Lower	Upper
45	100		
43	54.1	43.7	65.5
87	33.1	27.2	40.8
59	12.4	10.0	15.0





#23

Vinyl Acetate

Concen: 523.541 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 2072886

Ion Ratio Lower Upper

43 100

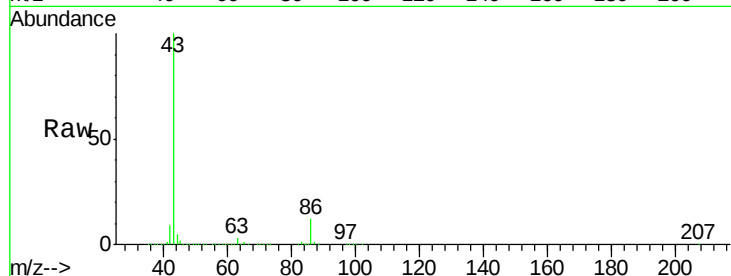
86 12.5 9.6 14.4

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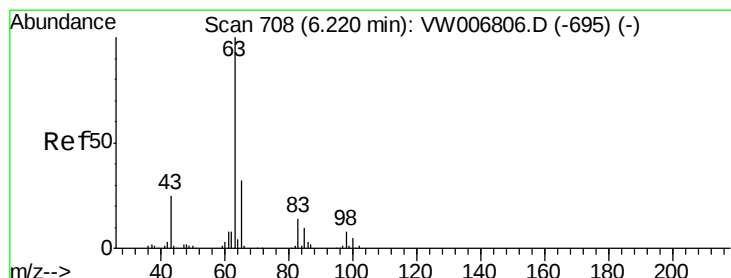
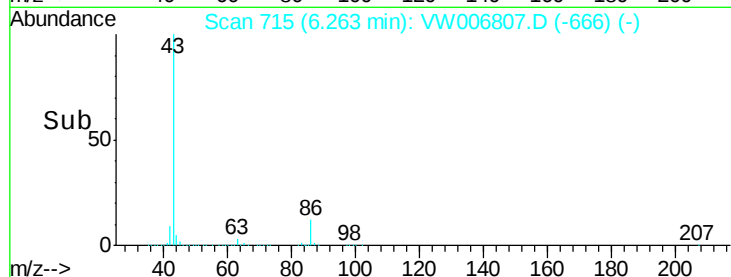
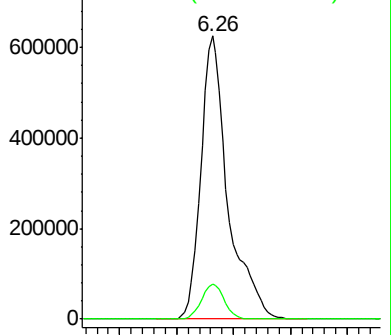
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 101.125 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

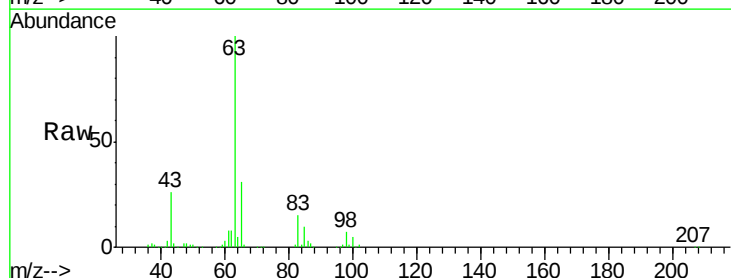
Tgt Ion: 63 Resp: 459249

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

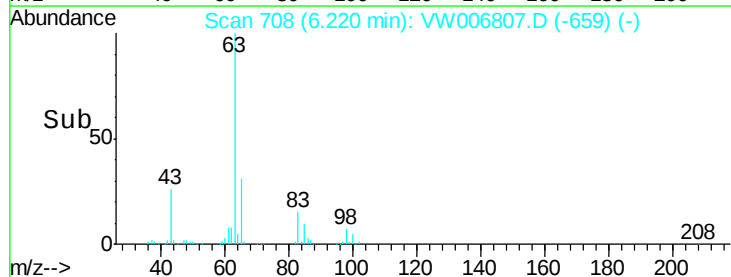
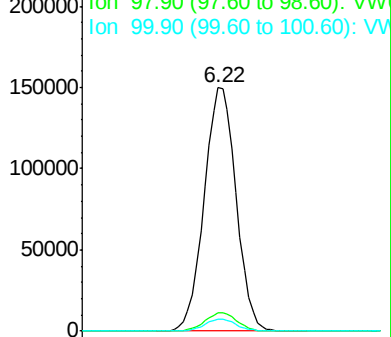
100 5.0 2.4 7.2

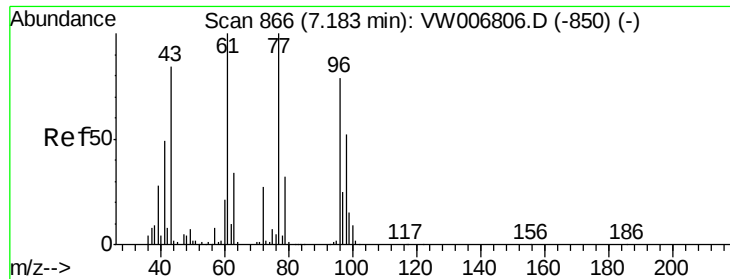


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 505.089 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 302642

Ion Ratio Lower Upper

43 100

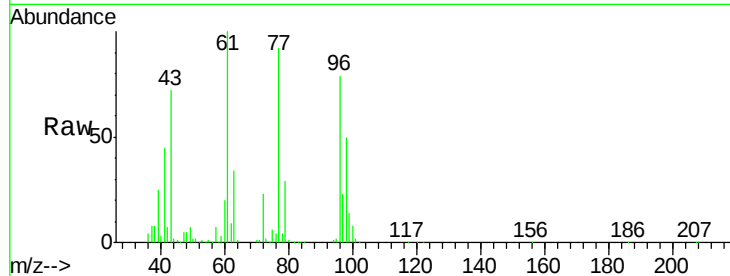
72 31.6 25.3 37.9

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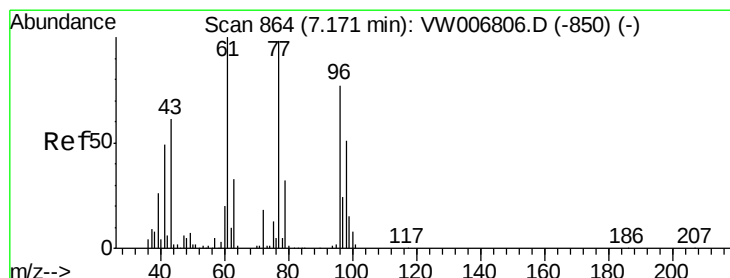
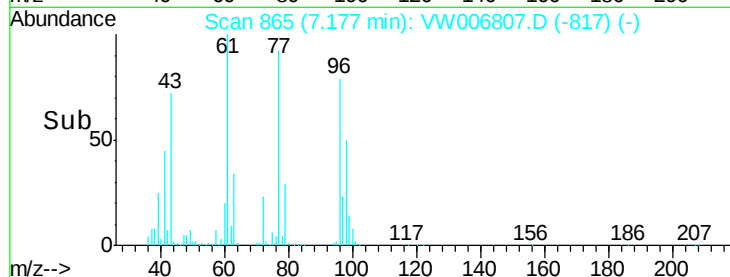
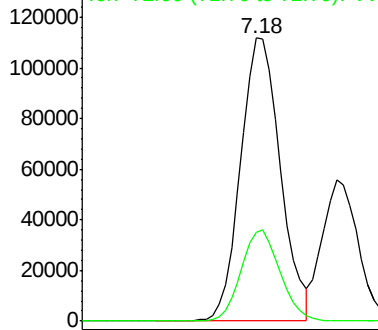
apatel

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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: 97.039 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006807.D

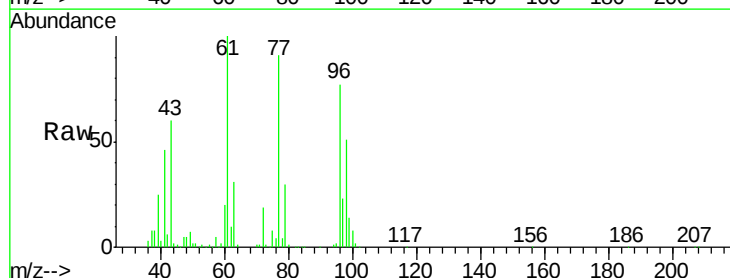
Acq: 12 Nov 2018 14:07

Tgt Ion: 77 Resp: 419873

Ion Ratio Lower Upper

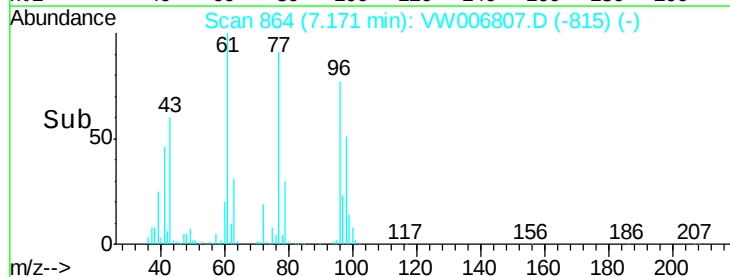
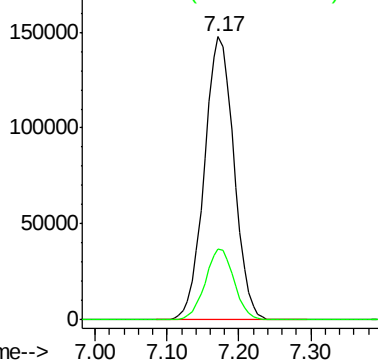
77 100

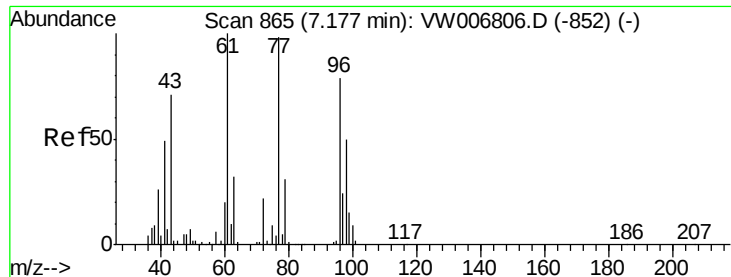
97 24.4 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

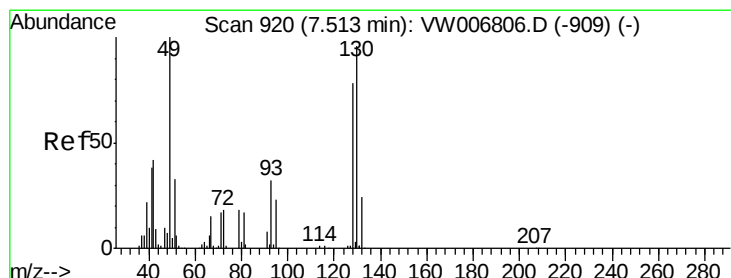
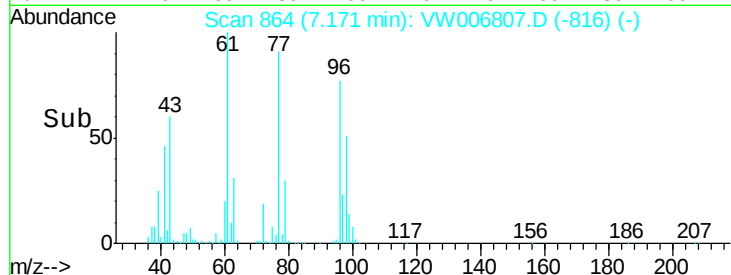
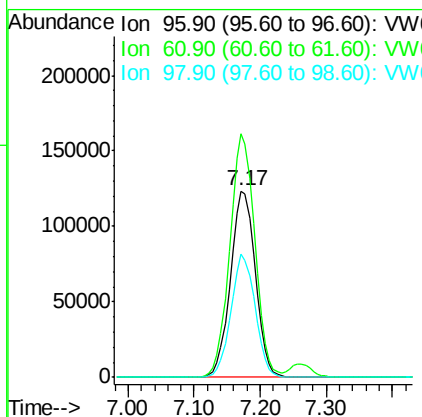
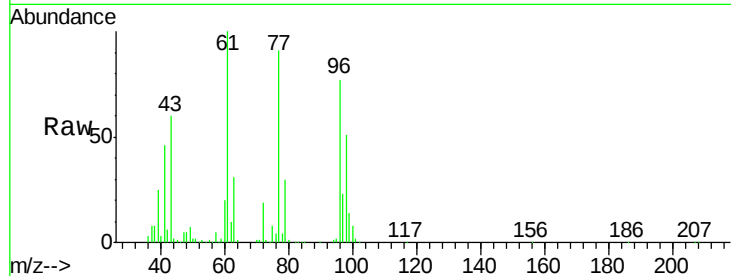
cis-1,2-Dichloroethene
Concen: 102.825 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	322044		
61	131.2	0.0	264.0	
98	64.3	0.0	131.0	

Manual Integrations
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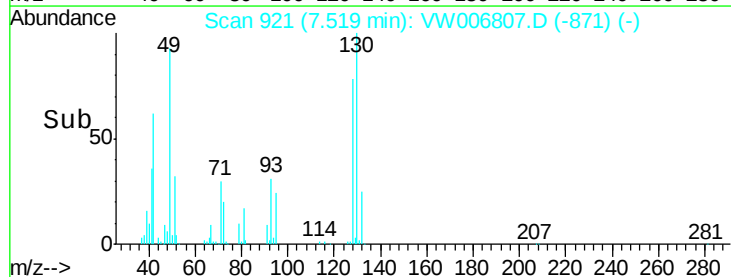
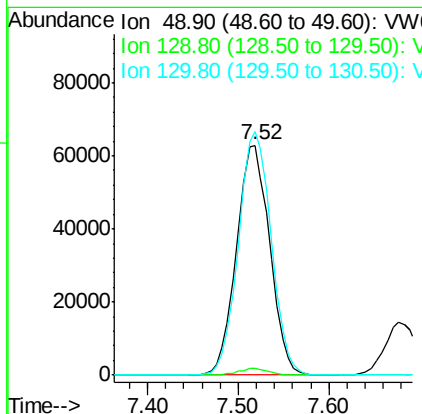
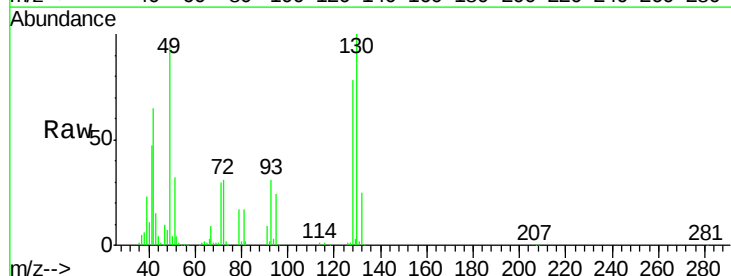
apatel
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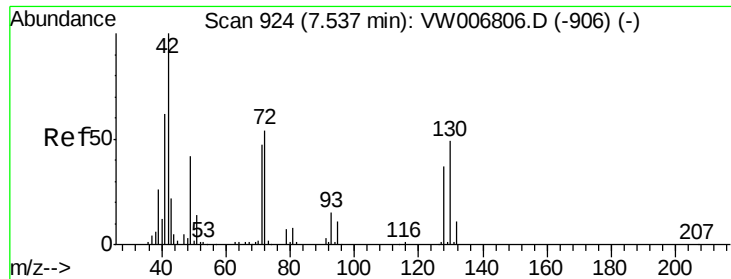


#28

Bromochloromethane
Concen: 94.340 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	160470		
129	2.6	0.0	5.6	
130	104.0	83.3	124.9	





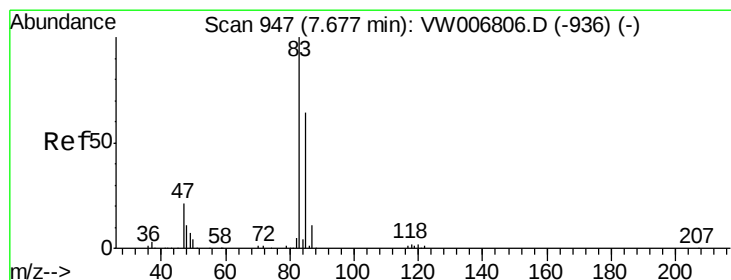
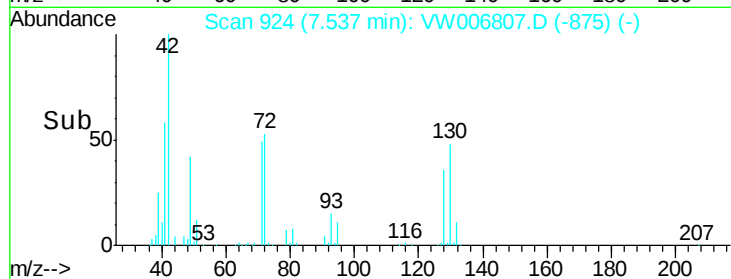
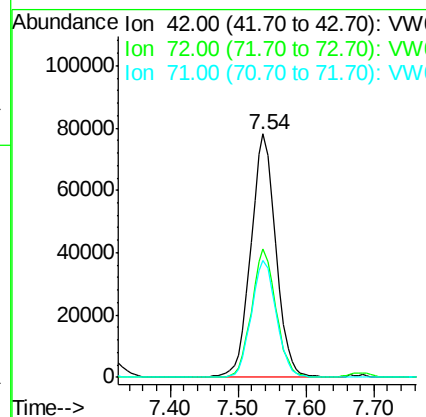
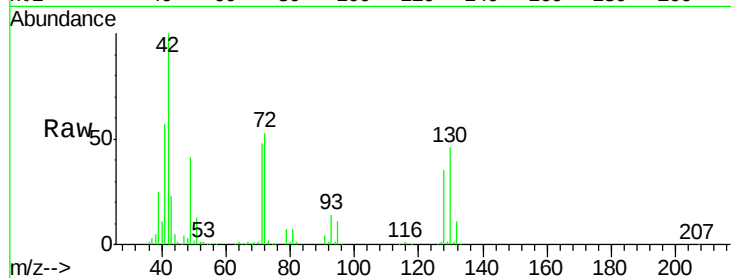
#29
Tetrahydrofuran
Concen: 509.688 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
42	100		
72	51.2	40.9	61.3
71	47.8	36.9	55.3

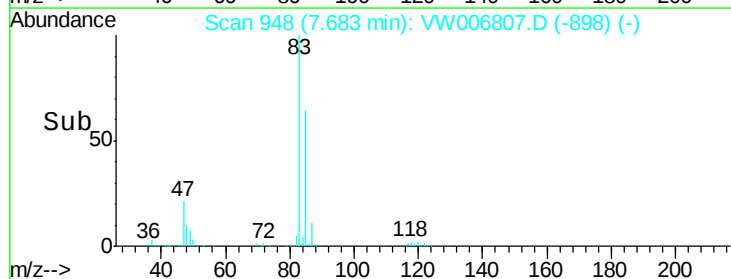
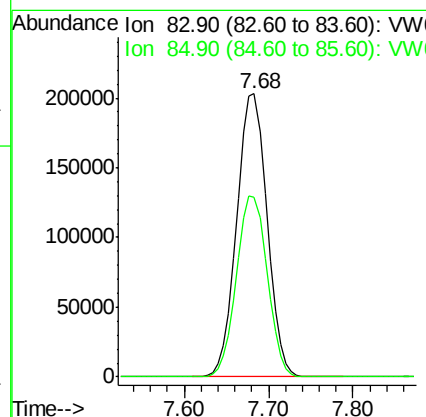
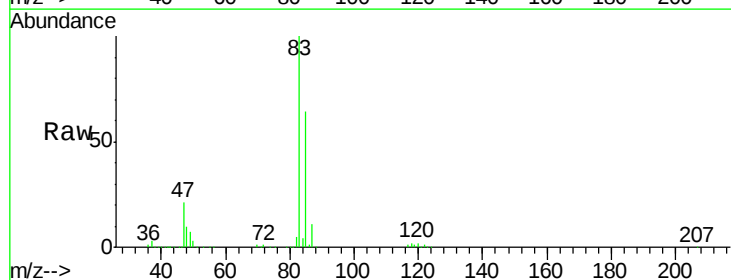
Manual Integrations
APPROVED

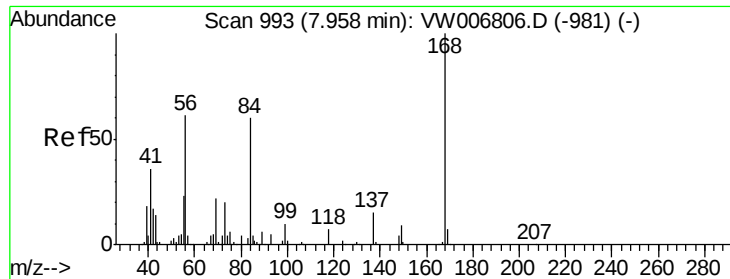
apatel
11/13/2018 11:53:44 AM



#30
Chloroform
Concen: 98.294 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.5	77.3





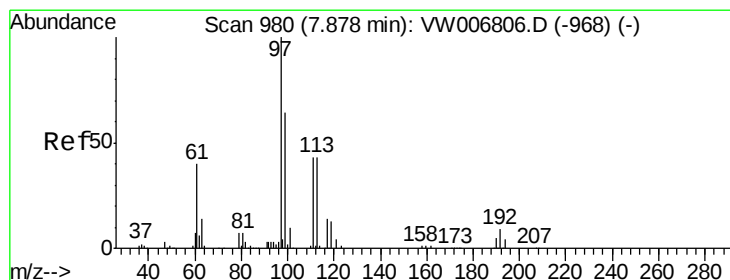
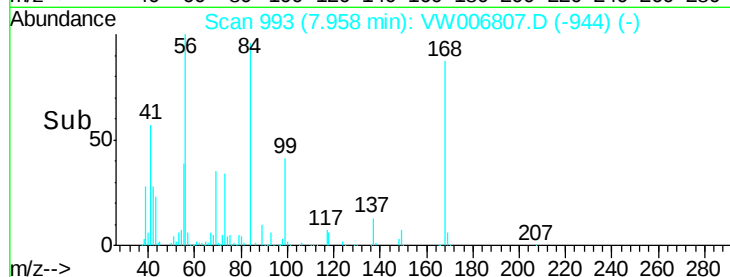
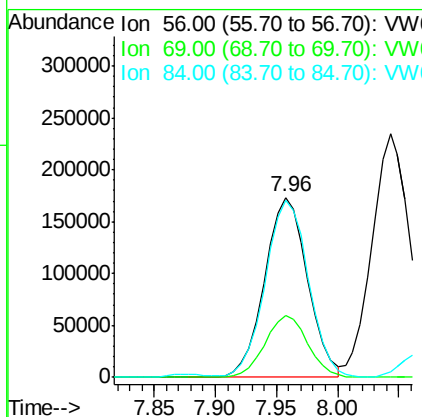
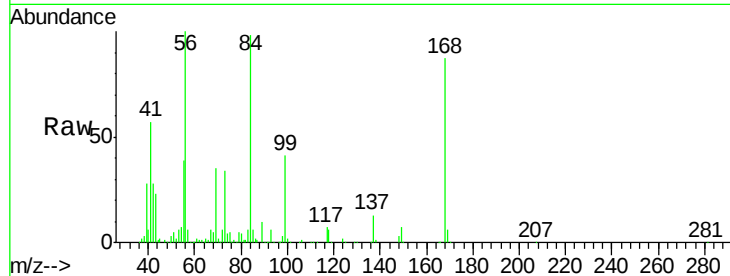
#31
Cyclohexane
Concen: 90.669 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
56	100		
69	34.5	28.9	43.3
84	96.4	79.0	118.4

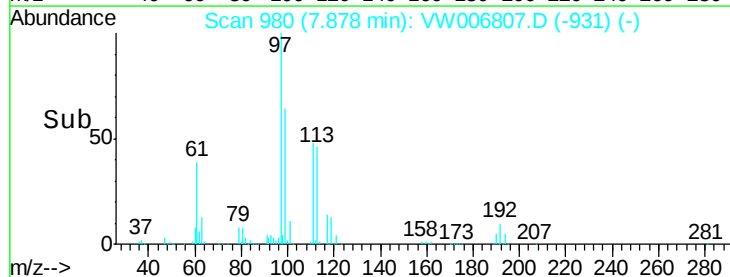
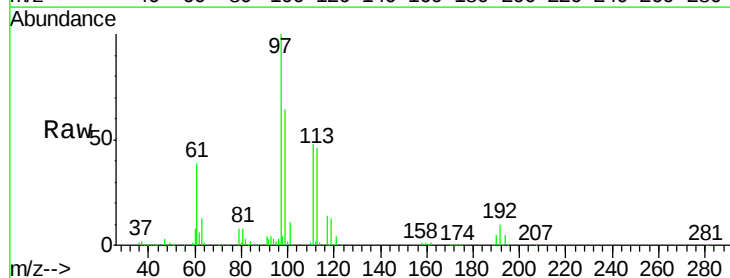
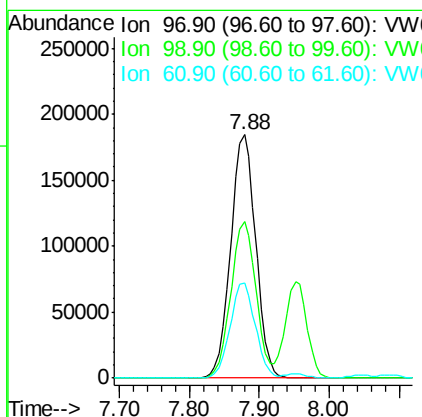
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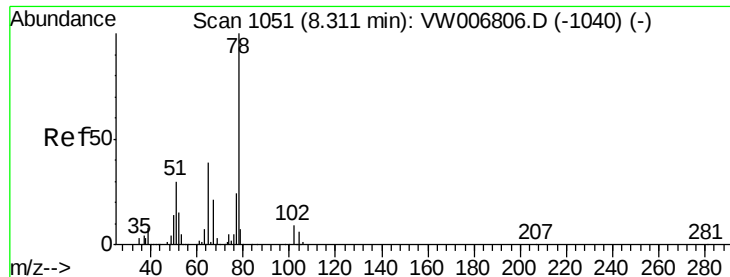
apatel
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#32
1,1,1-Trichloroethane
Concen: 95.994 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	39.3	32.2	48.4





#33

1,2-Dichloroethane-d4

Concen: 89.178 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 223571

Ion Ratio Lower Upper

65 100

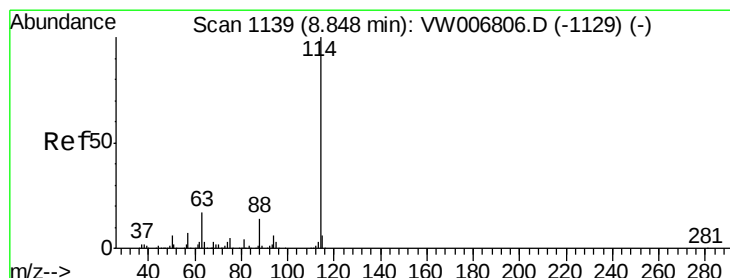
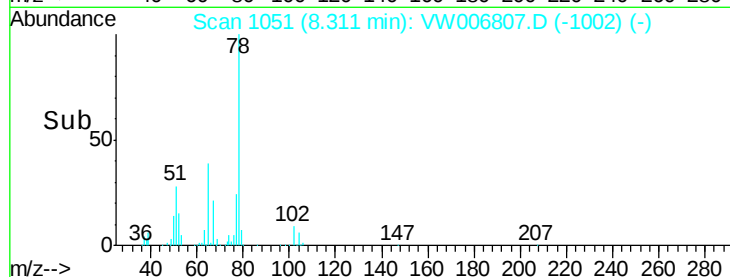
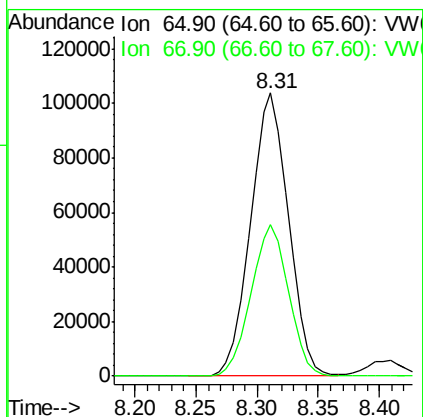
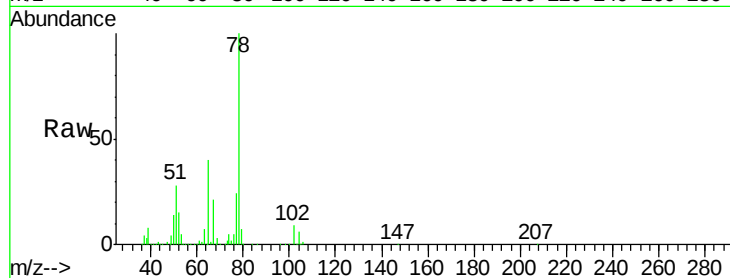
67 53.2 0.0 104.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

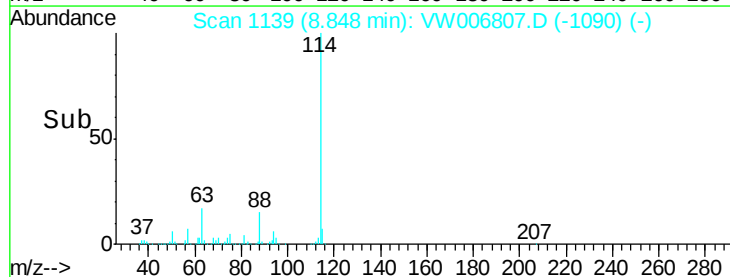
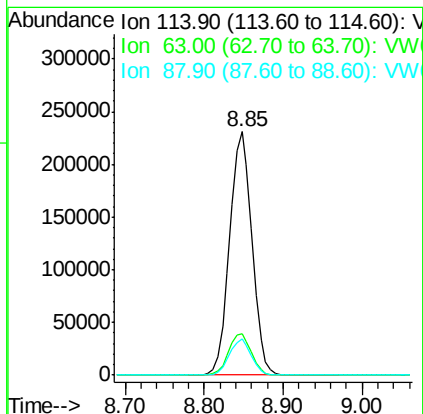
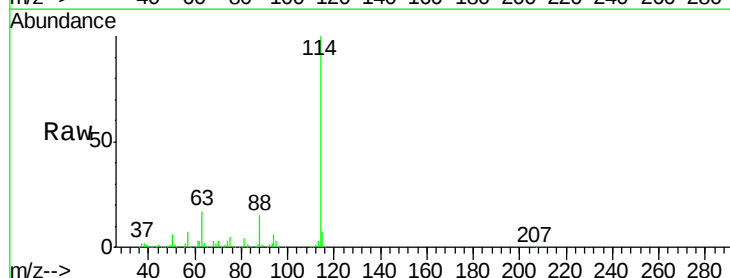
Tgt Ion: 114 Resp: 455008

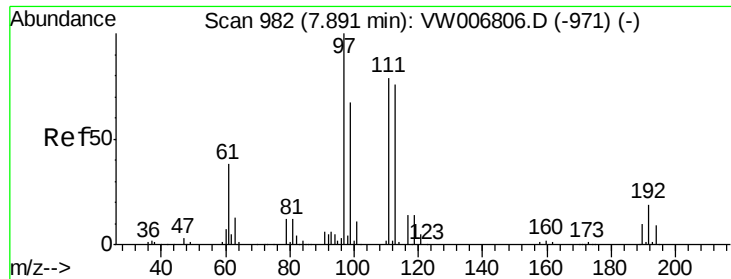
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.6

88 14.8 0.0 28.4





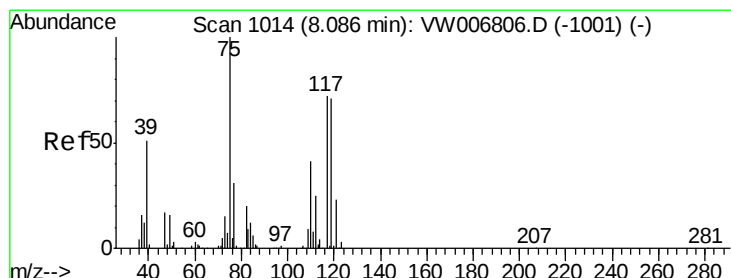
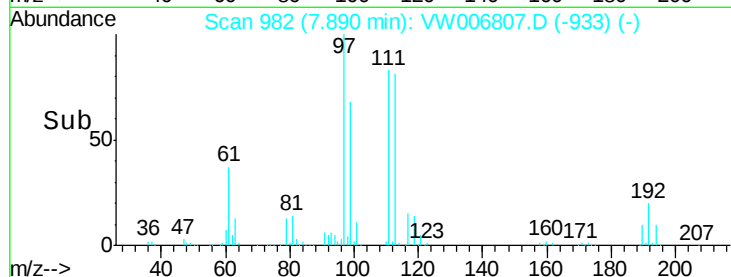
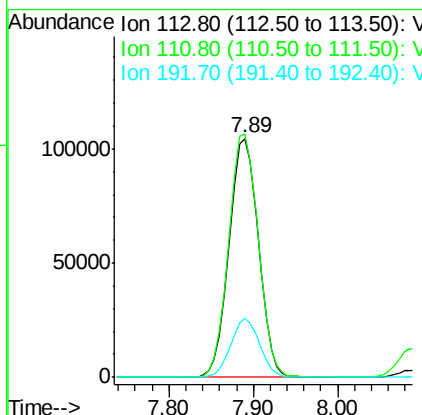
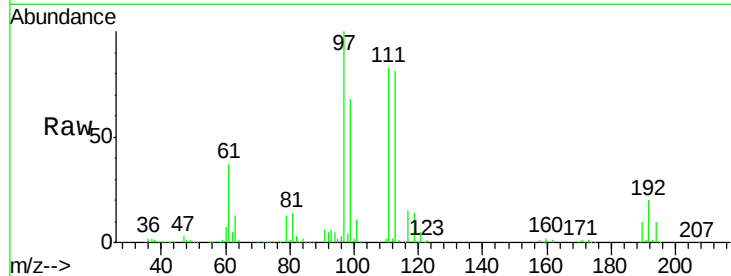
#35
Dibromofluoromethane
Concen: 95.674 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	247778		
111	102.4	81.0	121.6	
192	24.1	19.0	28.6	

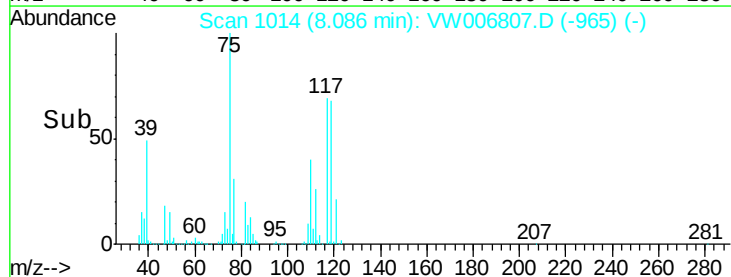
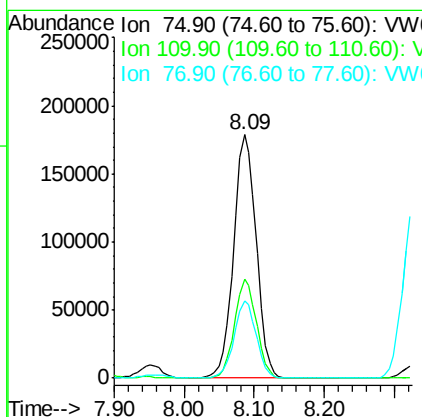
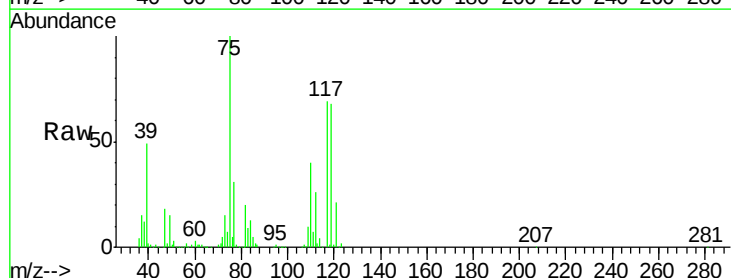
Manual Integrations
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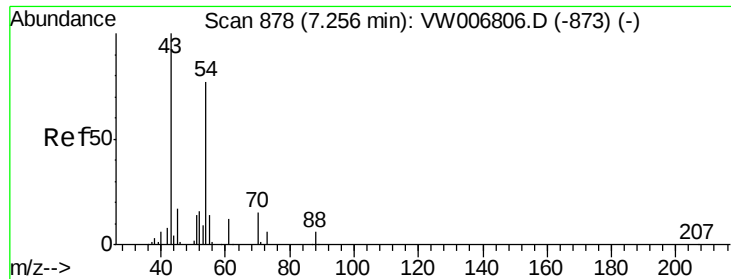
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#36
1,1-Dichloropropene
Concen: 97.050 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	400703		
110	39.5	19.9	59.6	
77	31.3	25.4	38.2	





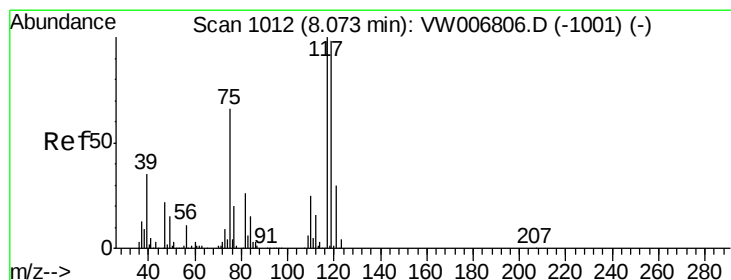
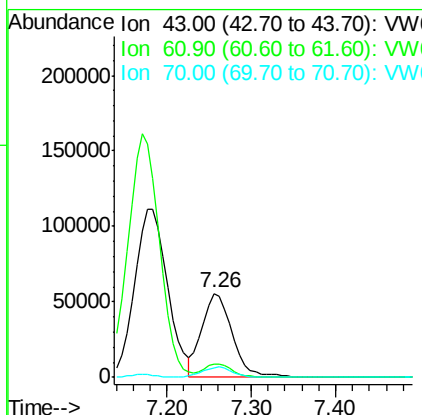
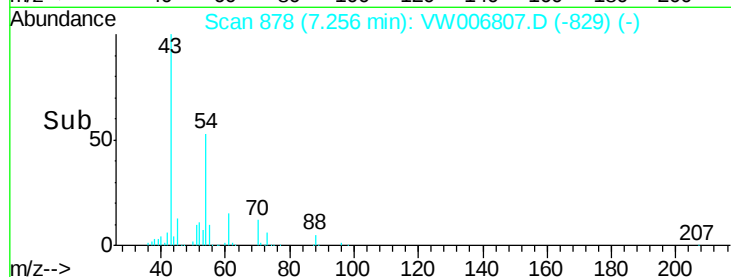
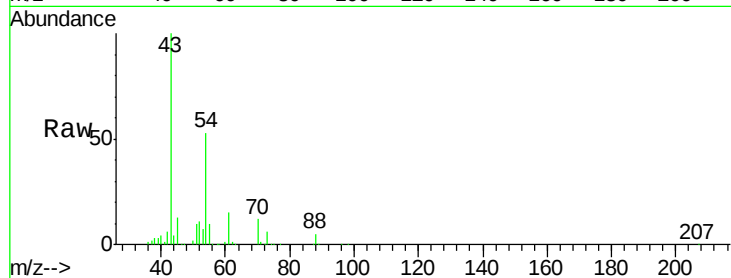
#37
Ethyl Acetate
Concen: 95.299 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.7	17.5
70	12.2	10.0	15.0

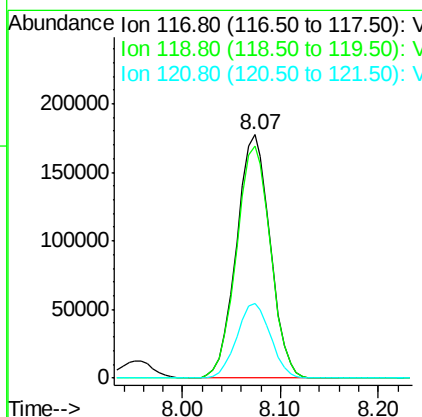
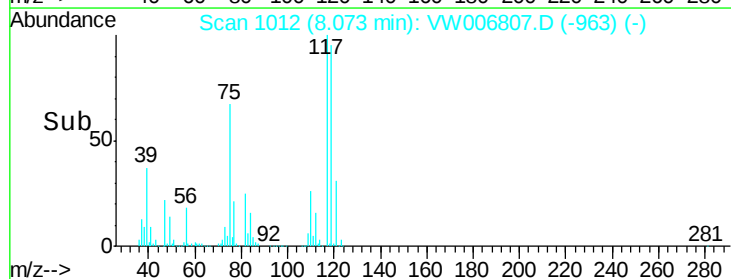
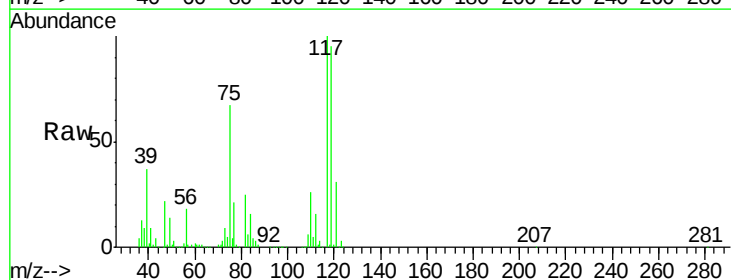
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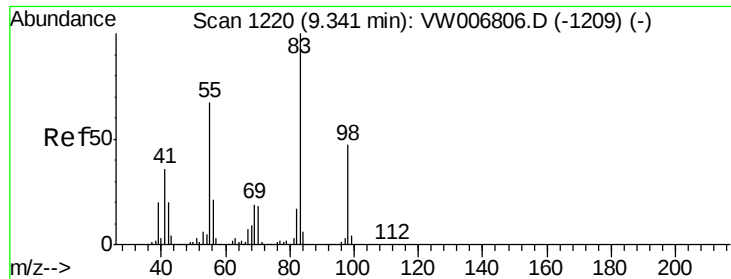
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#38
Carbon Tetrachloride
Concen: 96.011 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	78.5	117.7
121	30.5	24.2	36.2





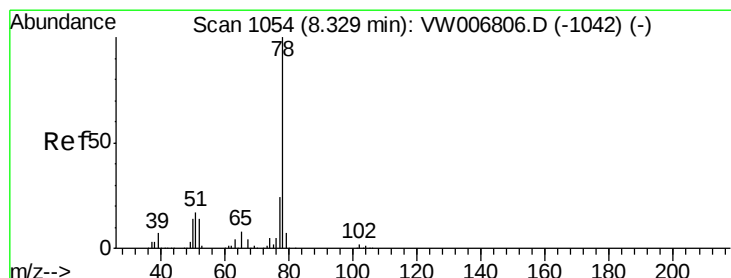
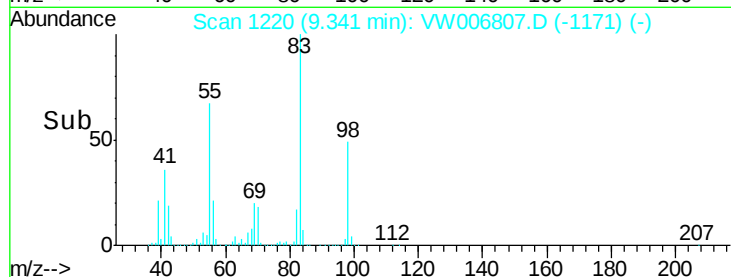
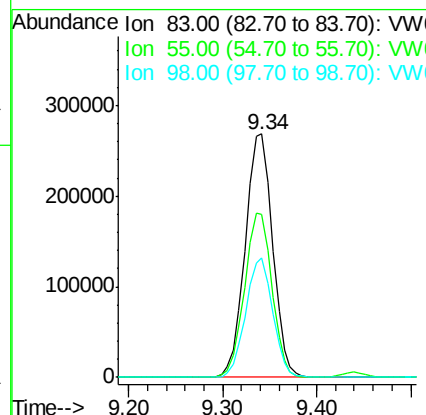
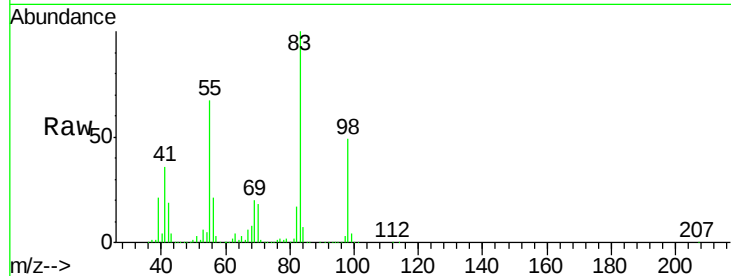
#39
Methylcyclohexane
Concen: 103.464 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
83	100		
55	67.0	53.3	79.9
98	48.9	37.9	56.9

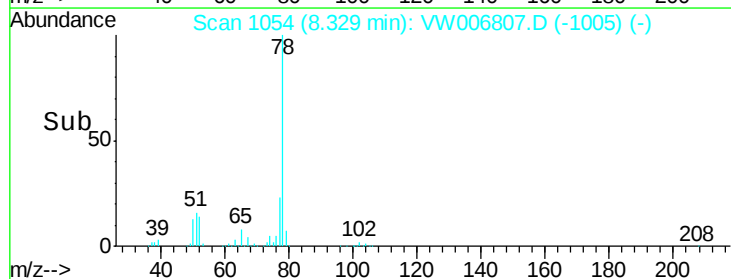
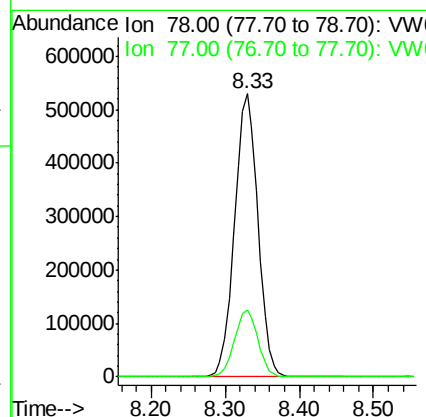
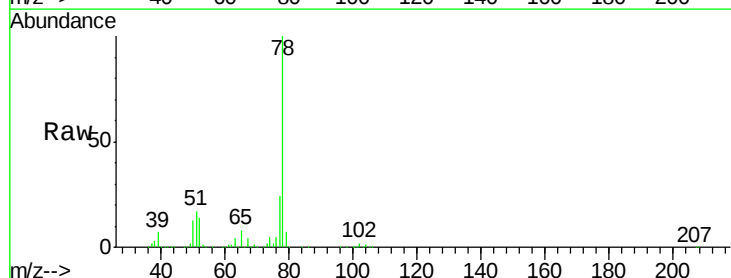
Manual Integrations
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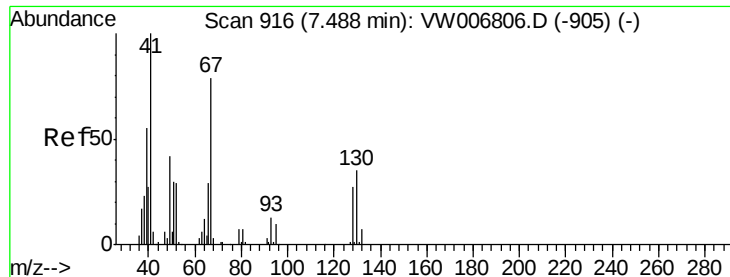
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#40
Benzene
Concen: 99.645 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6





#41

Methacrylonitrile

Concen: 105.040 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

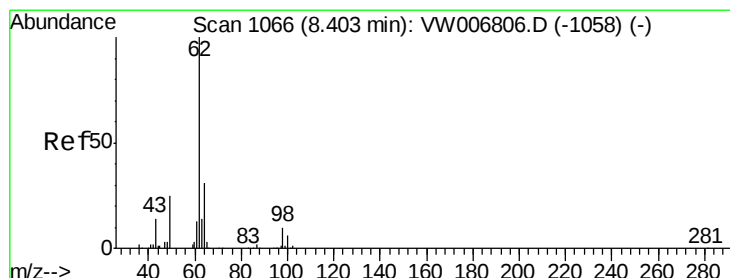
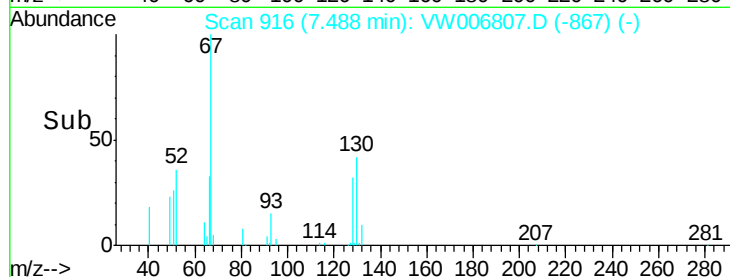
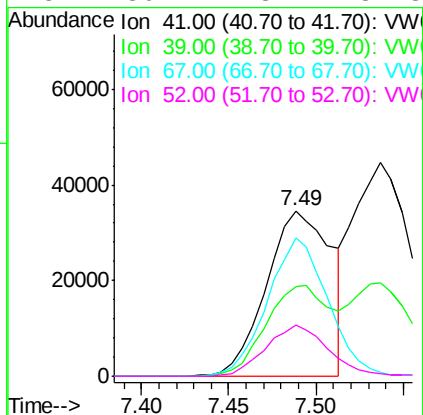
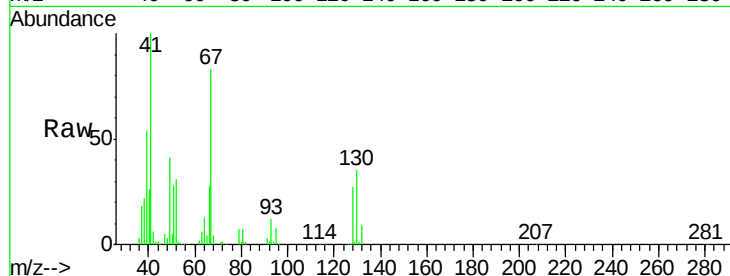
ClientSampleId :

VSTDIC100

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.1	48.1	72.1
67	78.1	61.4	92.2
52	30.2	23.2	34.8

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 94.569 ug/l

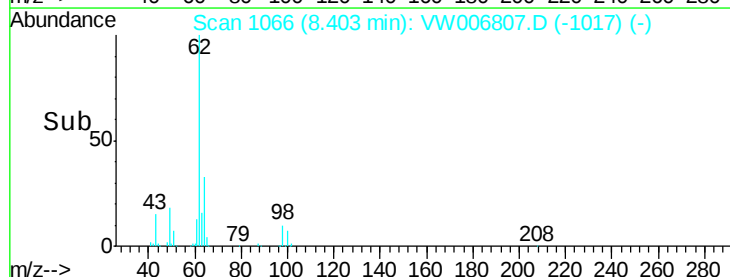
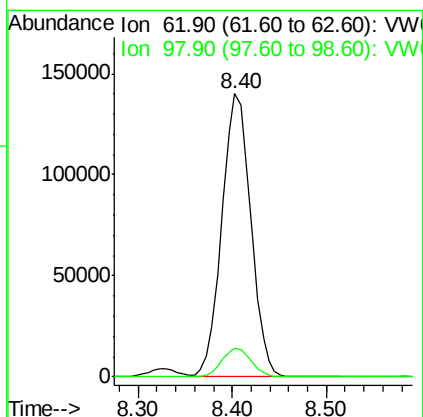
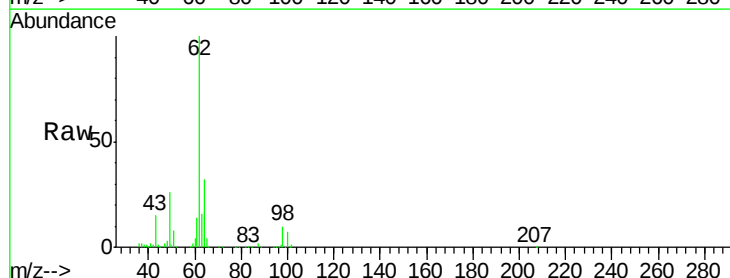
RT: 8.40 min Scan# 1066

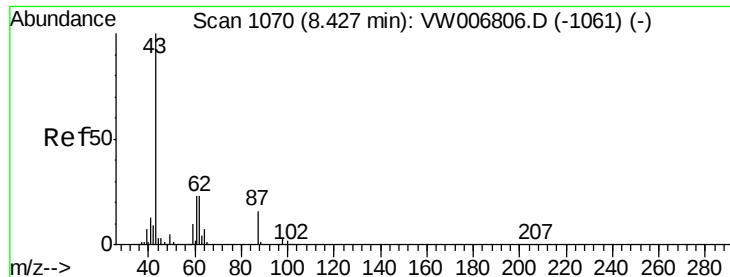
Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.0





#43

Isopropyl Acetate

Concen: 104.642 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

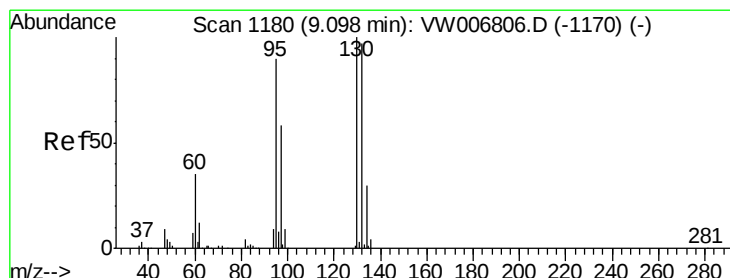
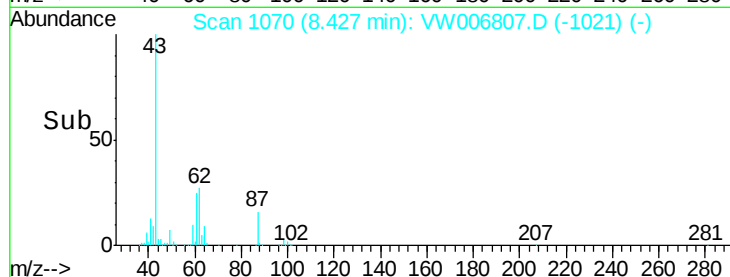
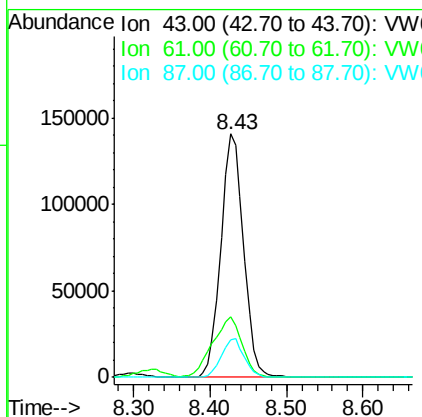
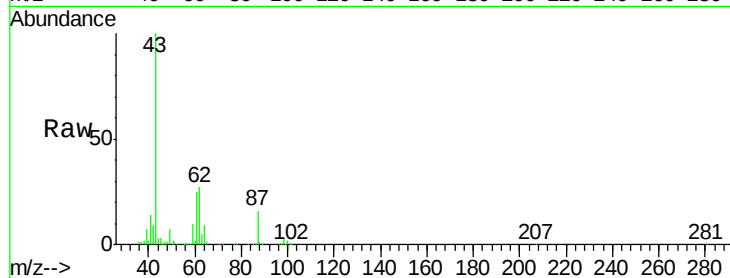
ClientSampleId :

VSTDIC100

Tgt Ion:	43	Resp:	287635
Ion Ratio		Lower	Upper
43	100		
61	32.6	27.0	40.4
87	15.9	13.0	19.4

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#44

Trichloroethene

Concen: 98.843 ug/l

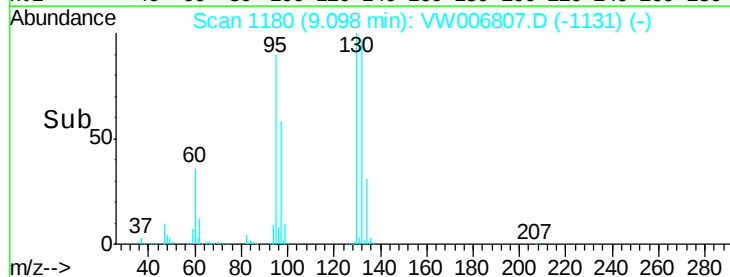
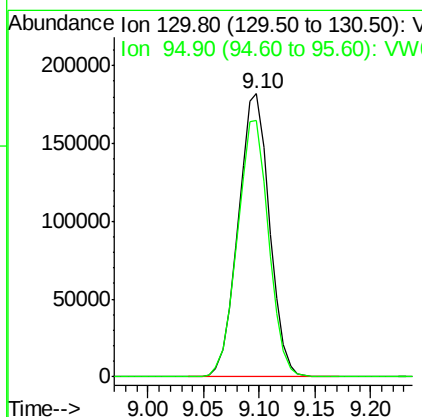
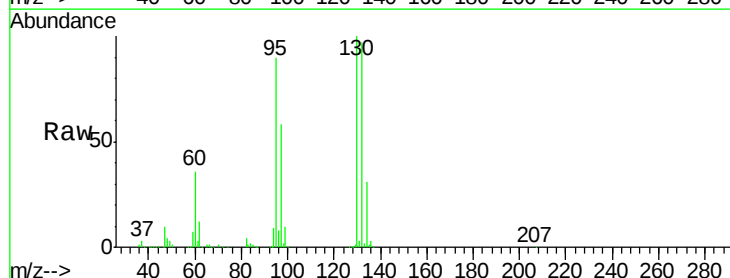
RT: 9.10 min Scan# 1180

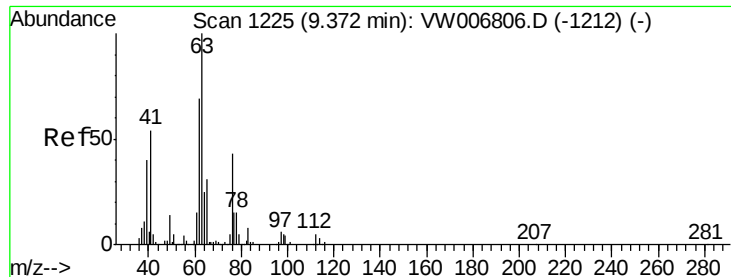
Delta R.T. -0.00 min

Lab File: VW006807.D

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Tgt Ion:	130	Resp:	354322
Ion Ratio		Lower	Upper
130	100		
95	90.5	0.0	180.2





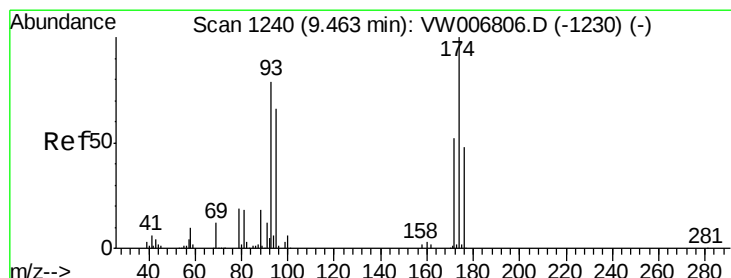
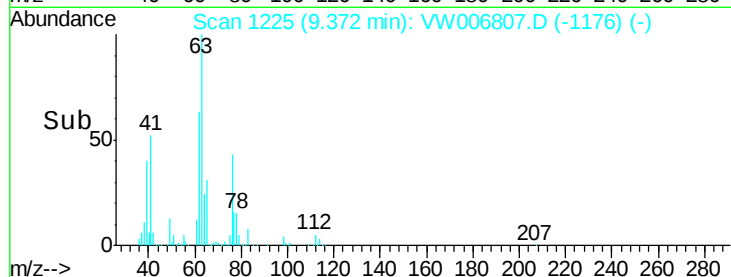
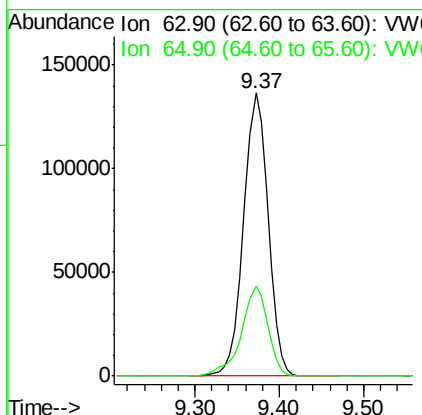
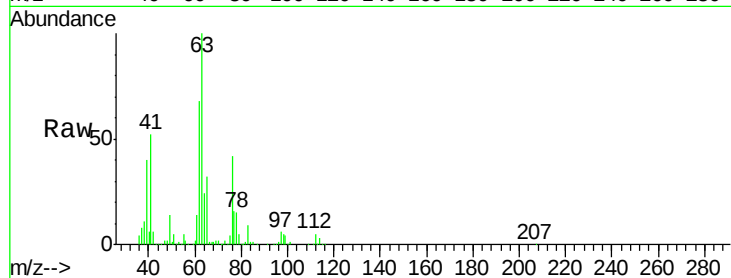
#45
 1,2-Dichloropropane
 Concen: 97.616 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 63 Resp: 267292
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.4 36.6

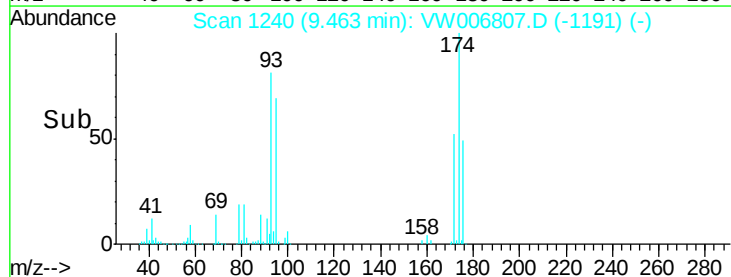
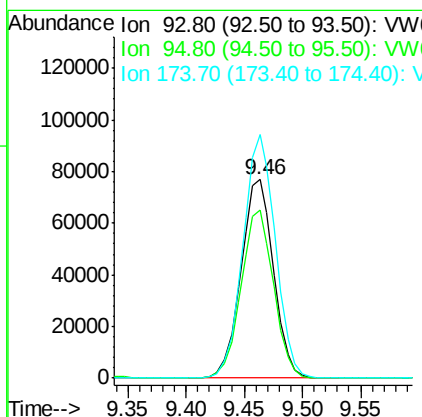
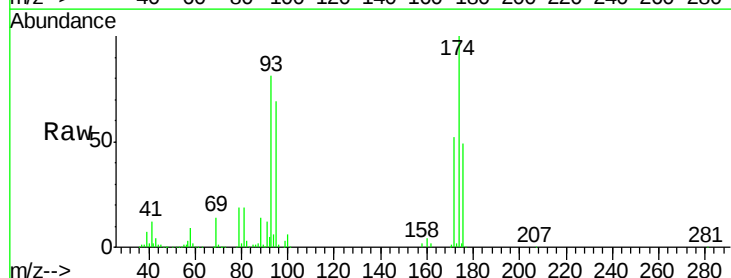
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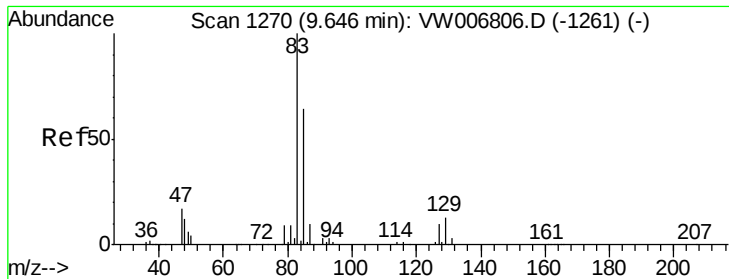
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#46
 Dibromomethane
 Concen: 97.320 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Tgt Ion: 93 Resp: 149612
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.0 100.6
 174 122.1 98.6 147.8





#47

Bromodichloromethane

Concen: 98.159 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

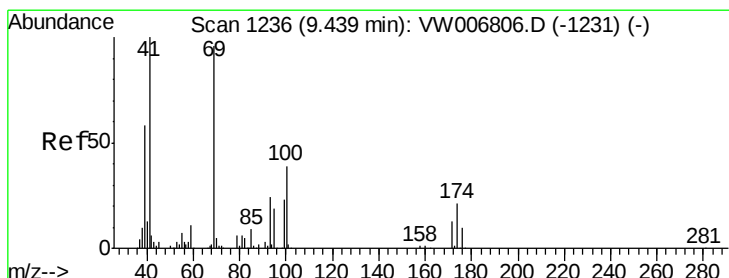
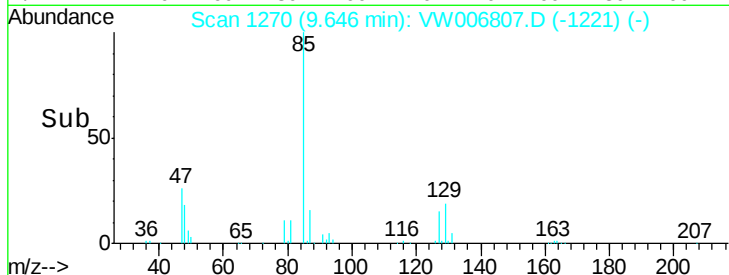
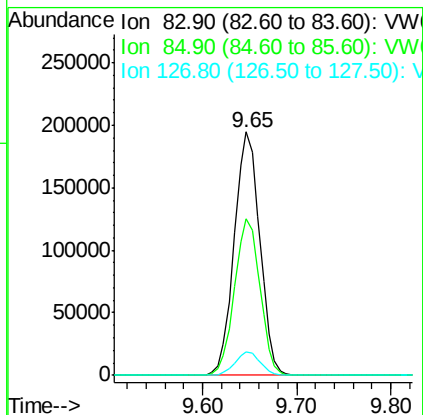
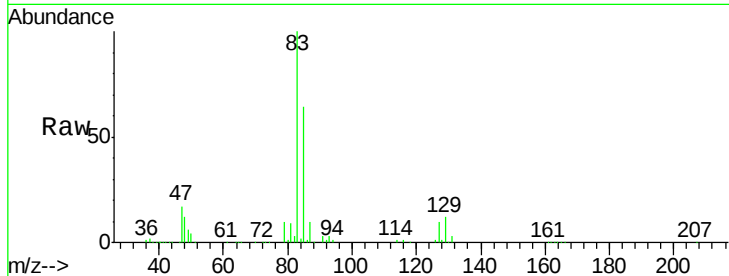
ClientSampleId :

VSTDIC100

Tgt Ion:	83	Resp:	366173
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.4	77.0
127	9.9	7.6	11.4

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#48

Methyl methacrylate

Concen: 104.869 ug/l

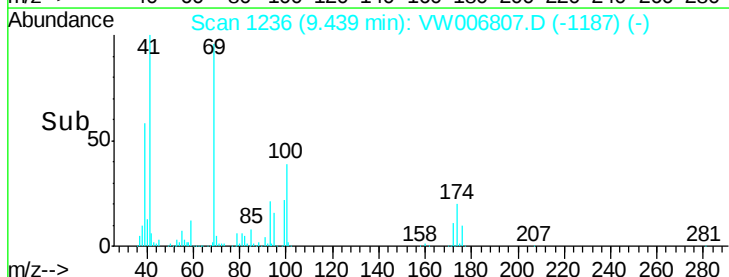
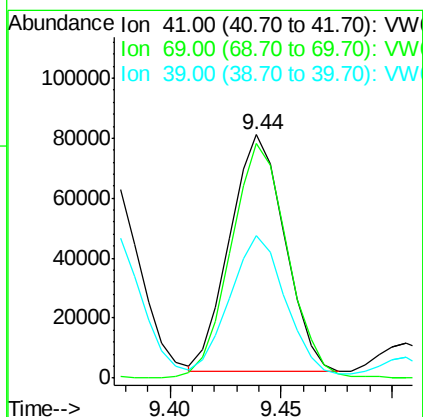
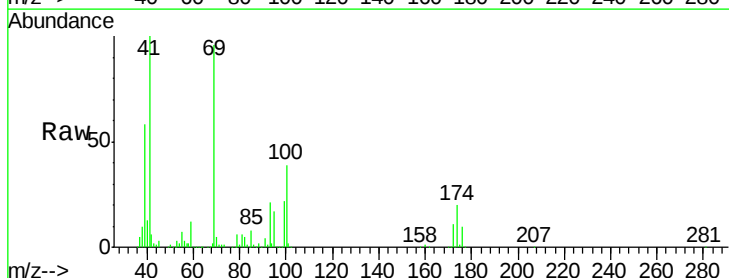
RT: 9.44 min Scan# 1236

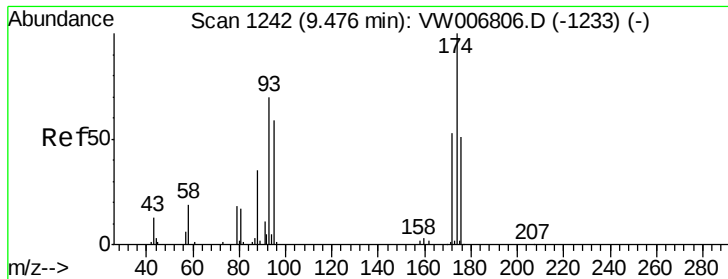
Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Tgt Ion:	41	Resp:	135760
Ion Ratio	Lower	Upper	
41	100		
69	101.9	79.8	119.6
39	58.5	45.9	68.9





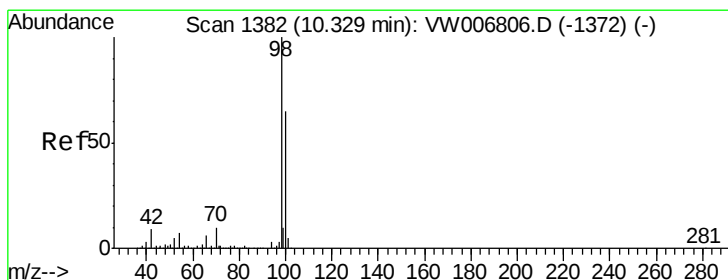
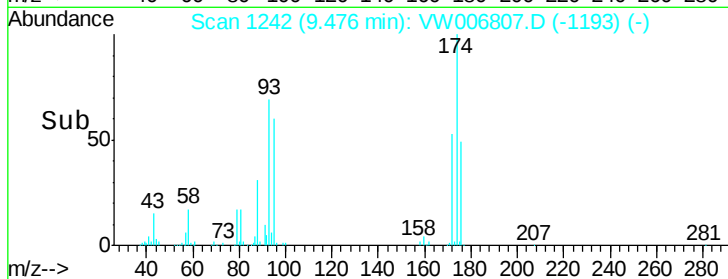
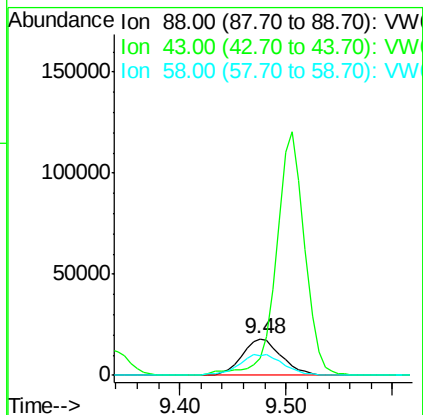
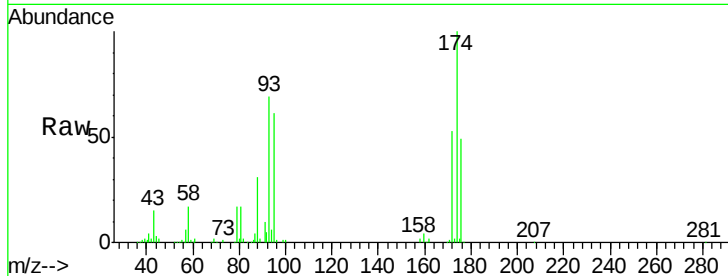
#49
1,4-Dioxane
Concen: 2036.639 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	64.2	50.6	75.8

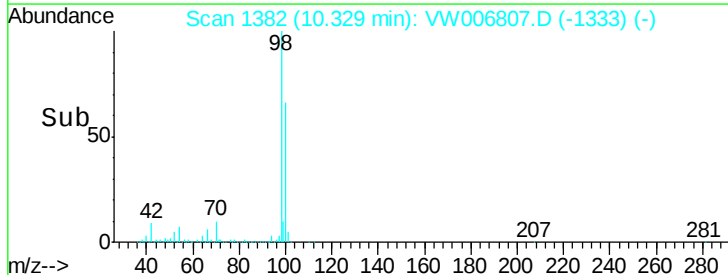
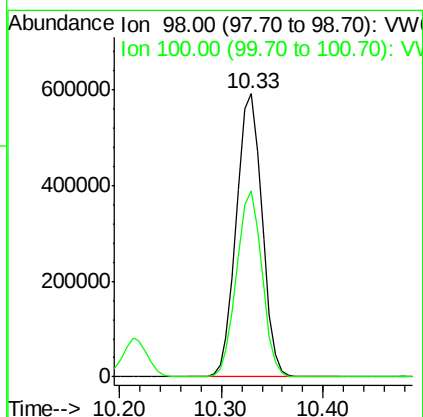
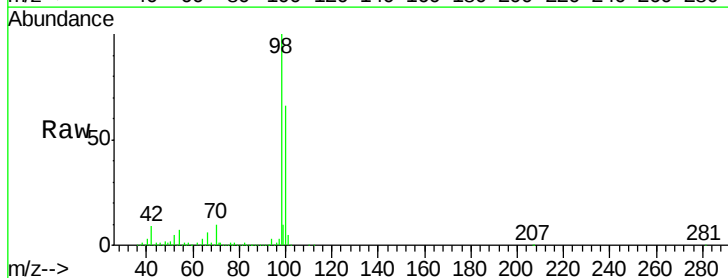
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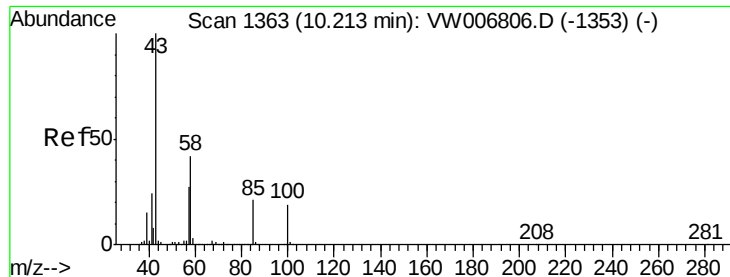
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#50
Toluene-d8
Concen: 94.718 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.2





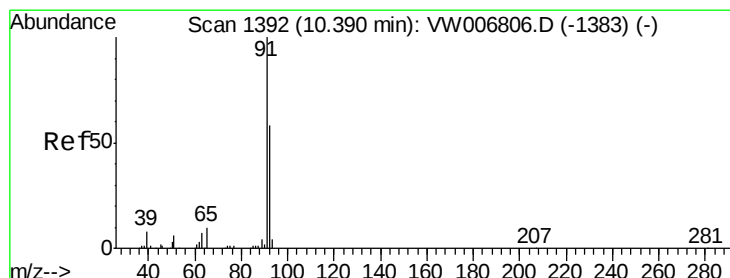
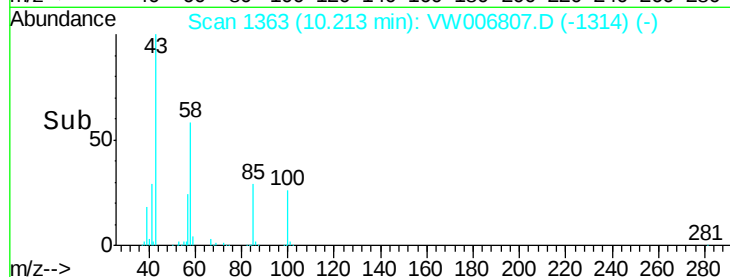
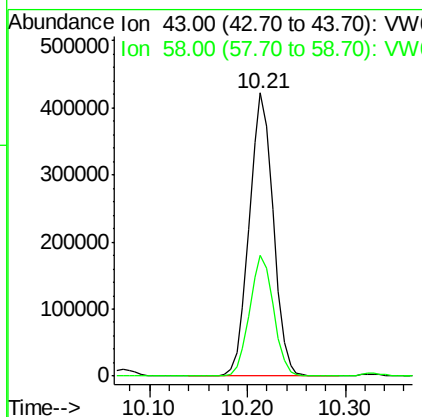
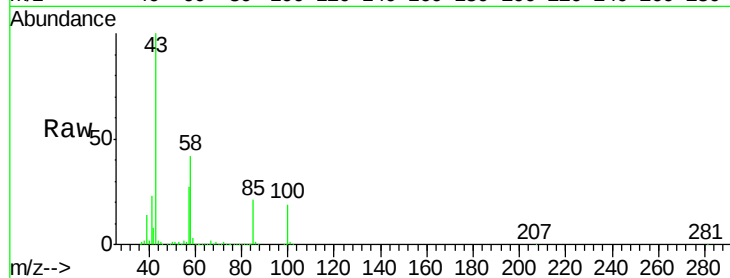
#51
 4-Methyl-2-Pentanone
 Concen: 508.817 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 718564
 Ion Ratio Lower Upper
 43 100
 58 42.5 34.0 51.0

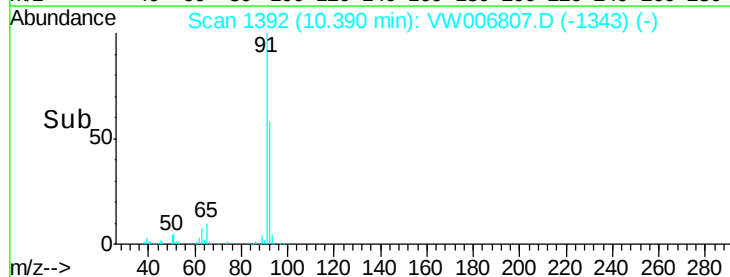
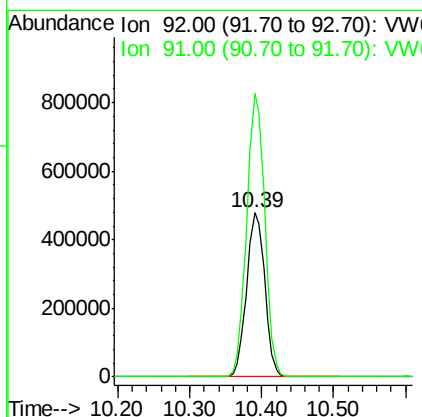
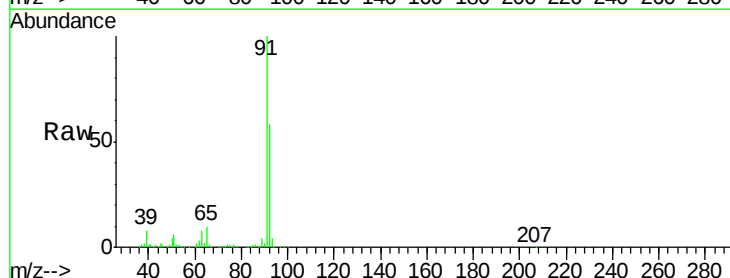
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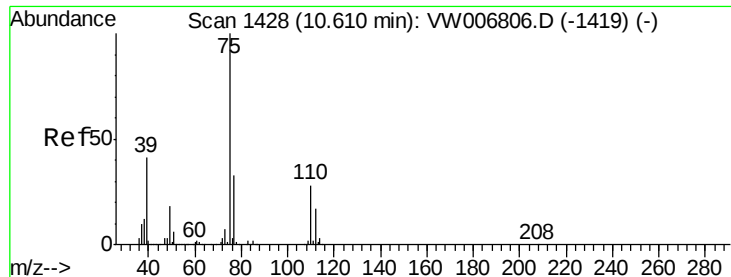
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#52
 Toluene
 Concen: 101.579 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Tgt Ion: 92 Resp: 832637
 Ion Ratio Lower Upper
 92 100
 91 172.3 139.4 209.2





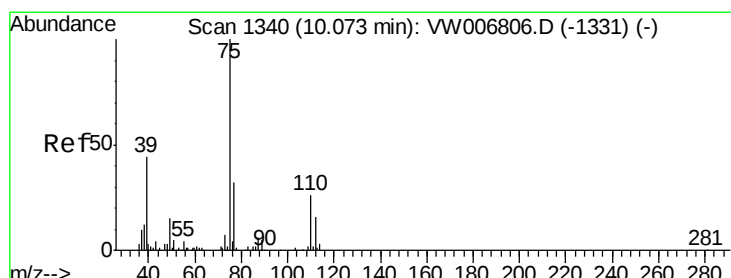
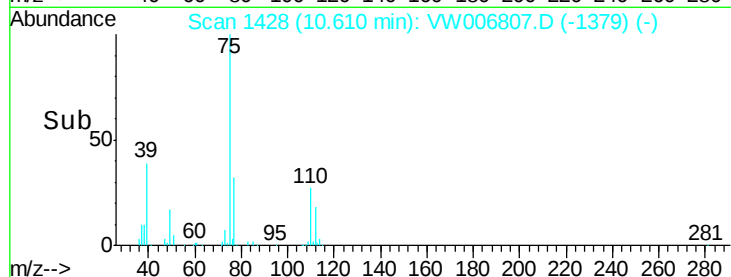
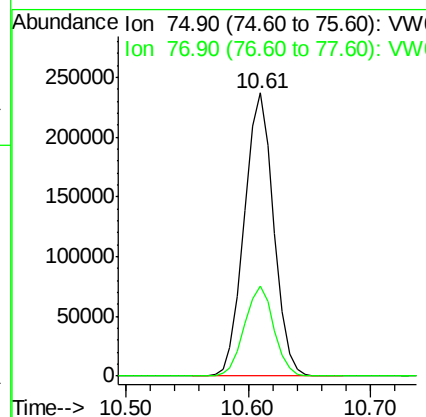
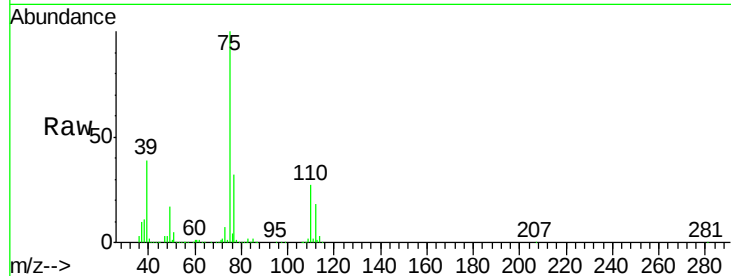
#53
t-1,3-Dichloropropene
Concen: 108.640 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 392977
Ion Ratio Lower Upper
75 100
77 31.7 26.3 39.5

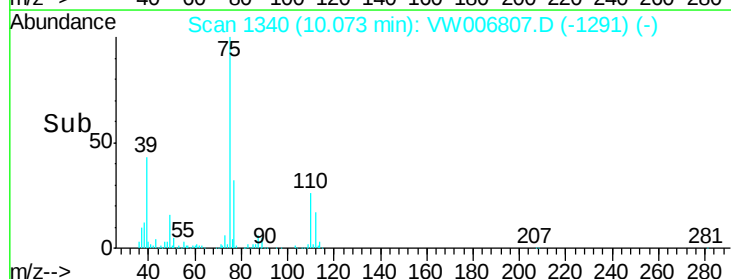
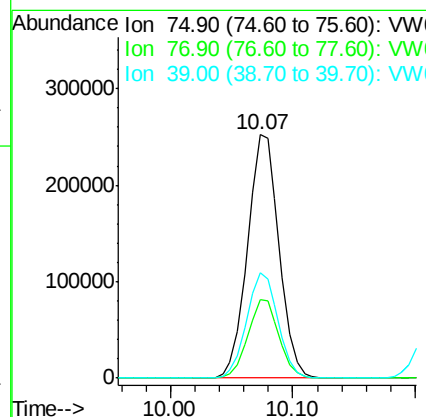
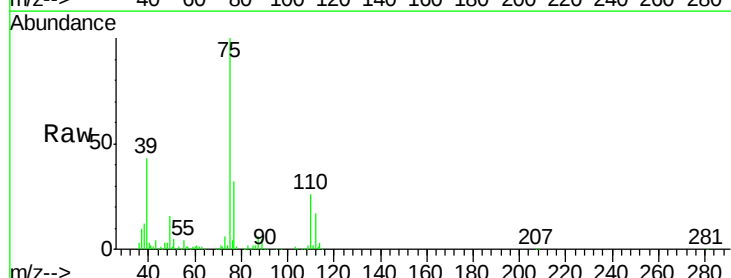
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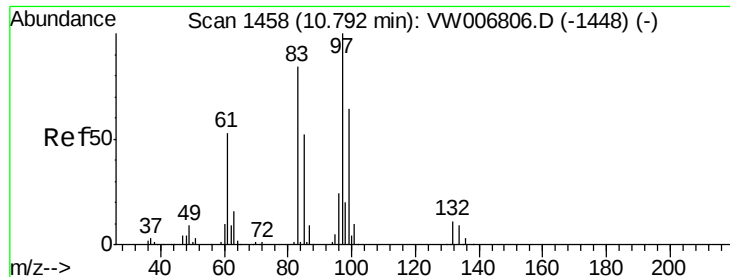
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#54
cis-1,3-Dichloropropene
Concen: 104.782 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion: 75 Resp: 449379
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
39 43.3 35.3 52.9





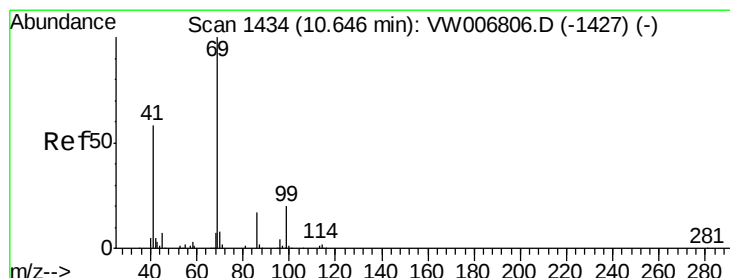
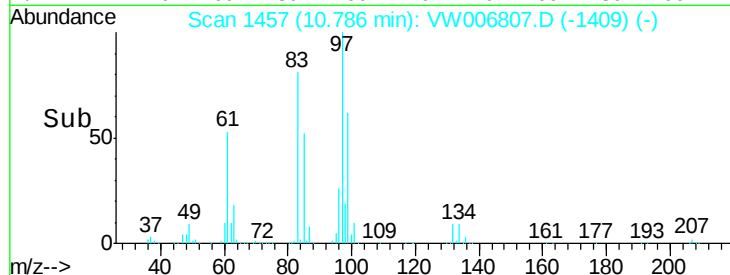
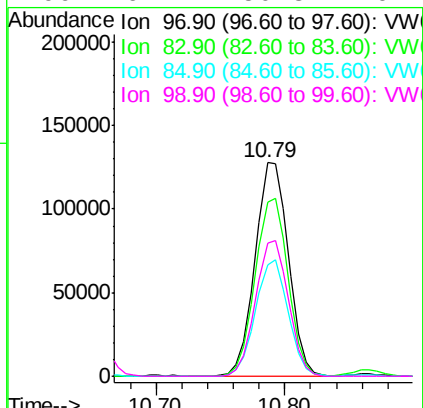
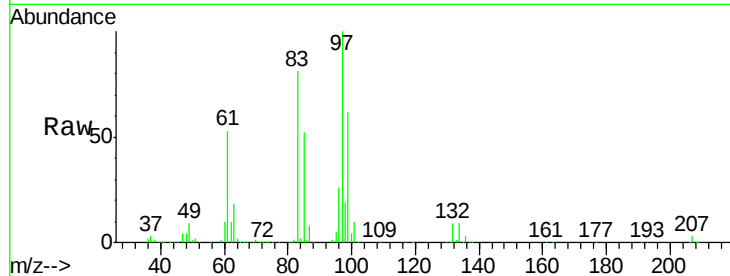
#55
 1,1,2-Trichloroethane
 Concen: 100.832 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	228358		
83	81.4	67.0	100.4	
85	52.4	41.7	62.5	
99	62.4	50.8	76.2	

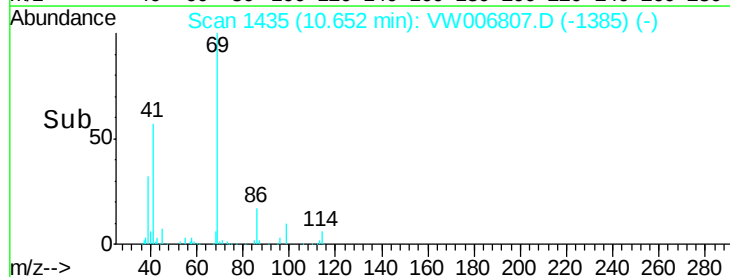
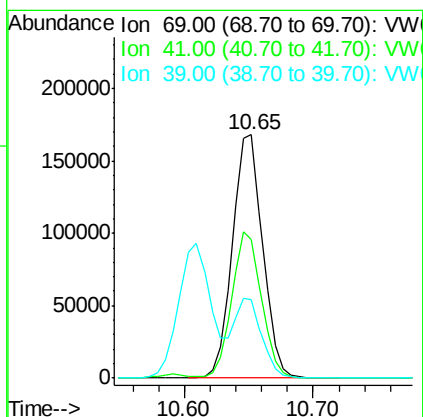
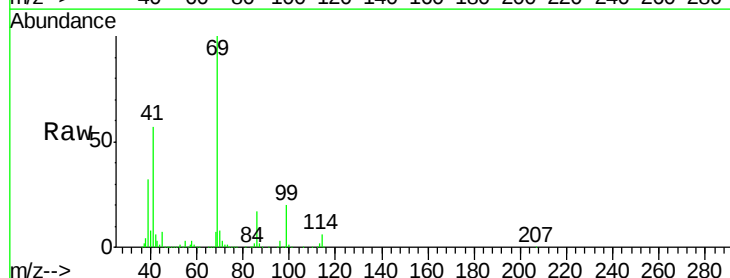
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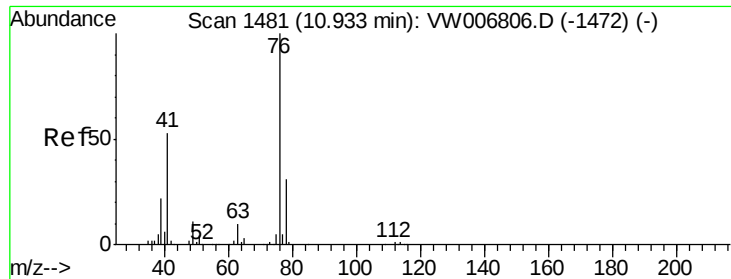
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#56
 Ethyl methacrylate
 Concen: 109.696 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	274335		
41	58.9	47.0	70.4	
39	28.3	23.1	34.7	





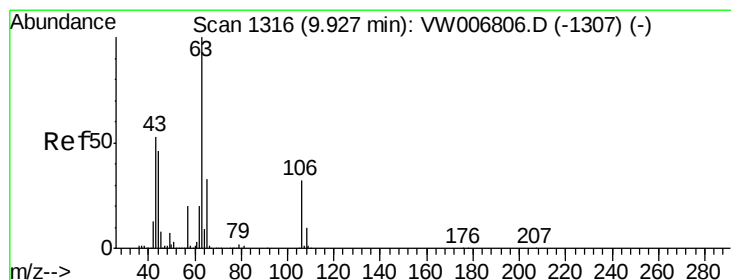
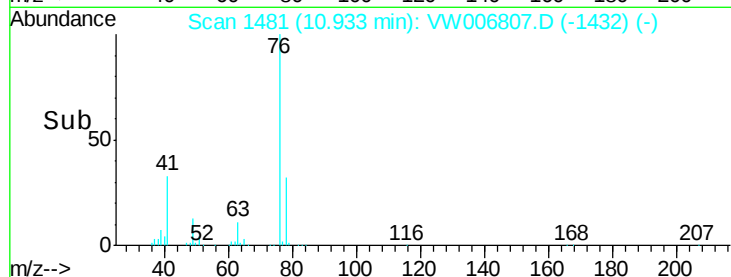
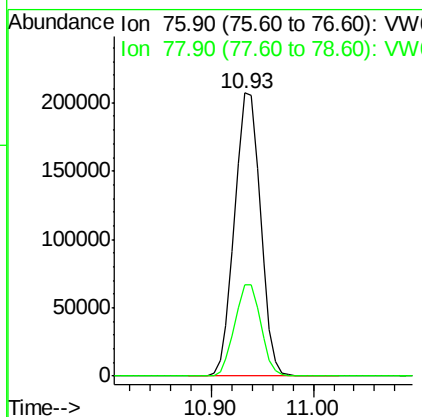
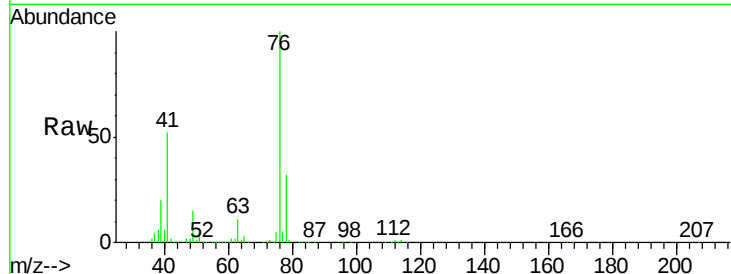
#57
 1,3-Dichloropropane
 Concen: 100.568 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 76 Resp: 364098
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.2

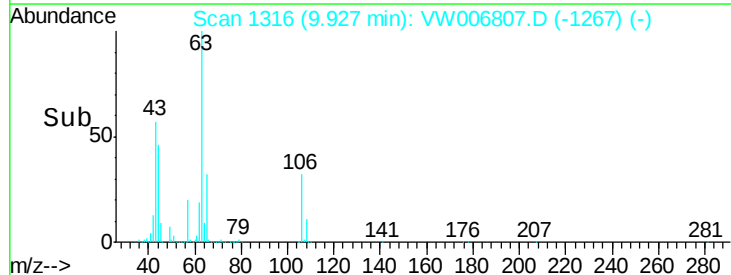
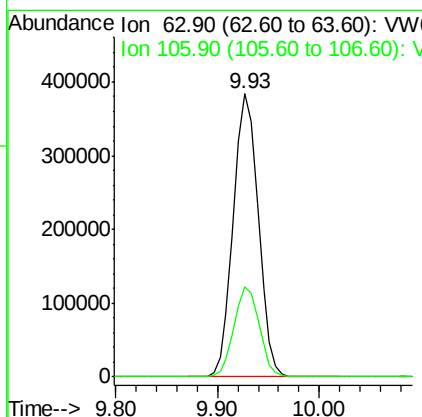
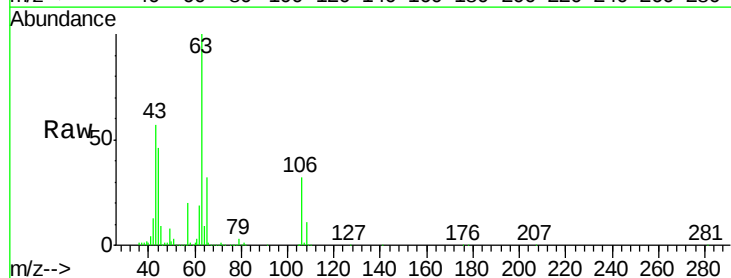
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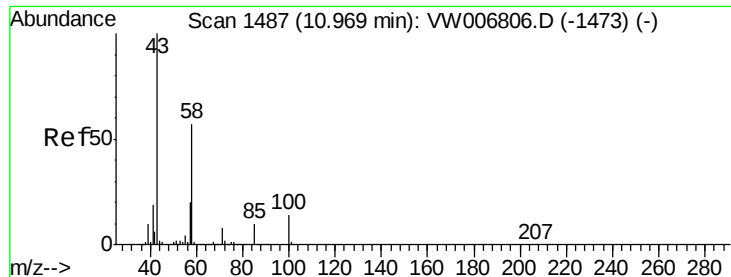
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#58
 2-Chloroethyl Vinyl ether
 Concen: 523.674 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Tgt Ion: 63 Resp: 652215
 Ion Ratio Lower Upper
 63 100
 106 32.1 25.4 38.0





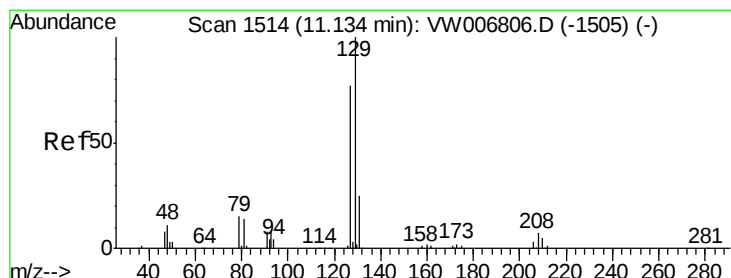
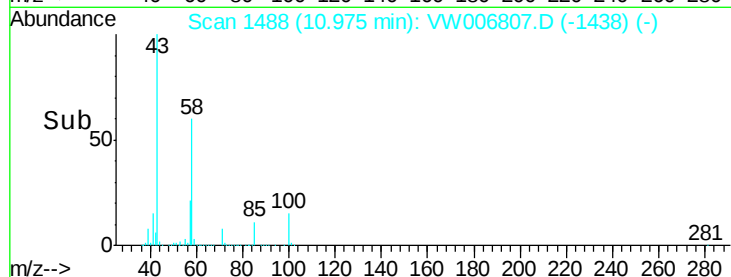
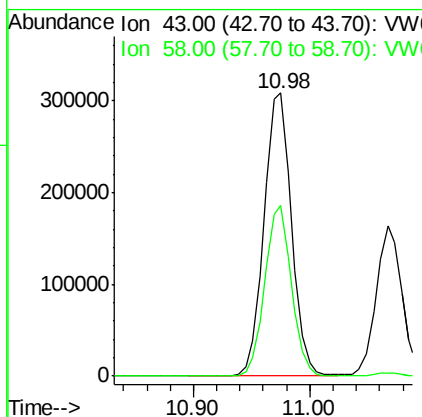
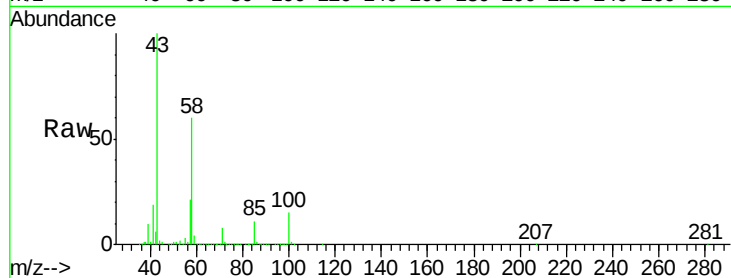
#59
2-Hexanone
Concen: 530.460 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 507689
Ion Ratio Lower Upper
43 100
58 58.4 28.7 86.1

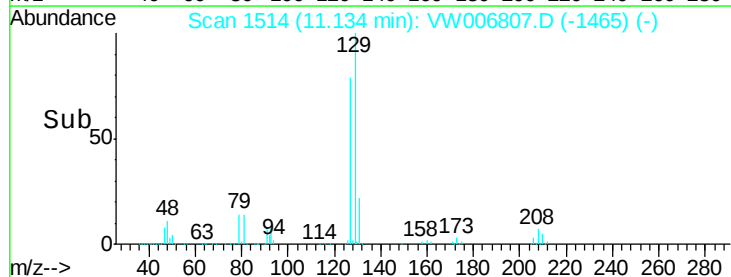
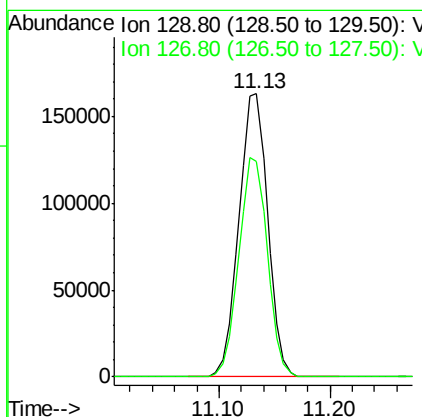
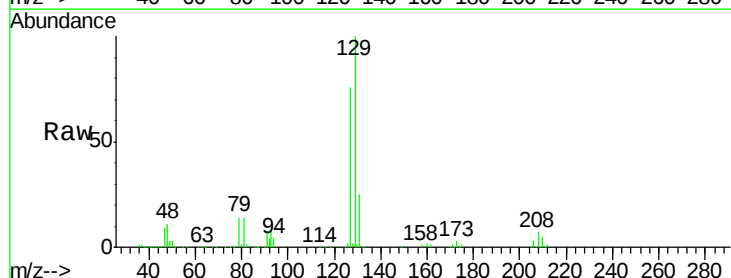
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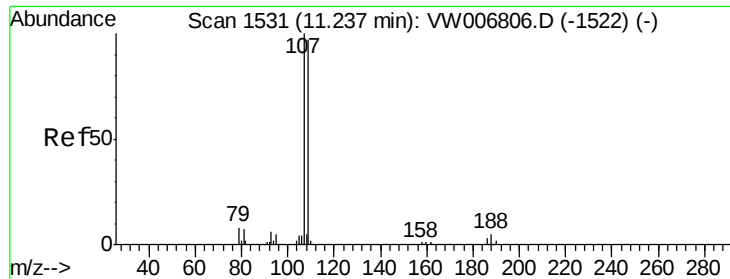
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#60
Dibromochloromethane
Concen: 107.525 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion: 129 Resp: 292712
Ion Ratio Lower Upper
129 100
127 76.5 38.7 116.1





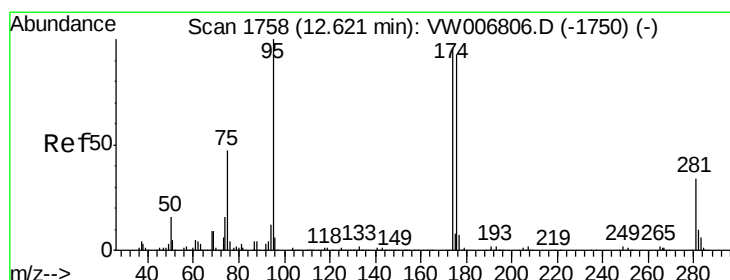
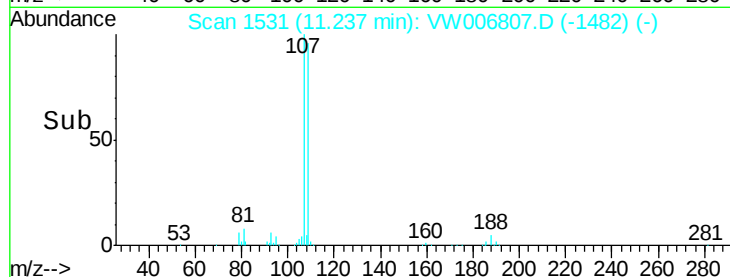
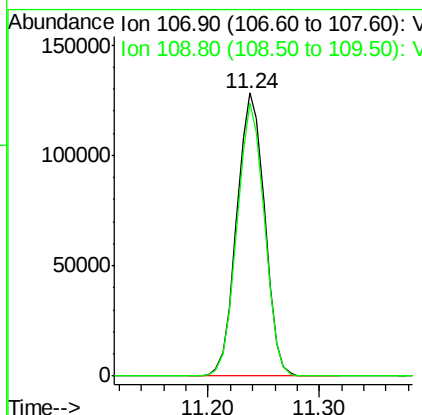
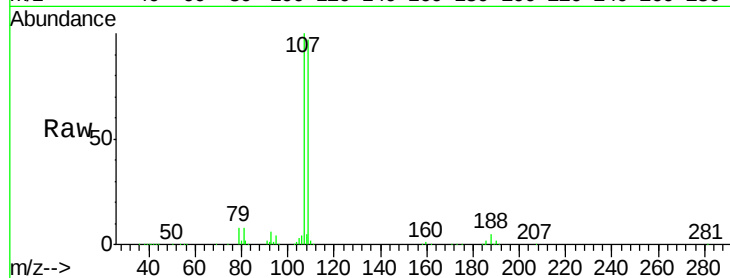
#61
 1,2-Dibromoethane
 Concen: 102.088 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 107 Resp: 222441
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.7 115.1

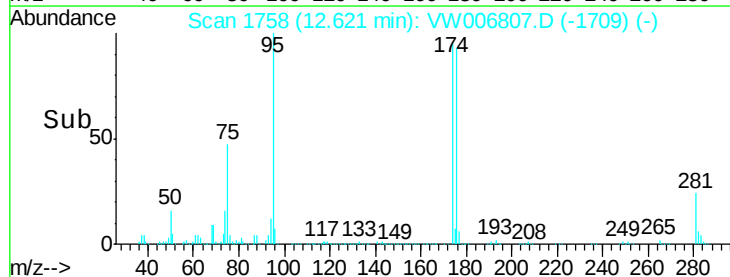
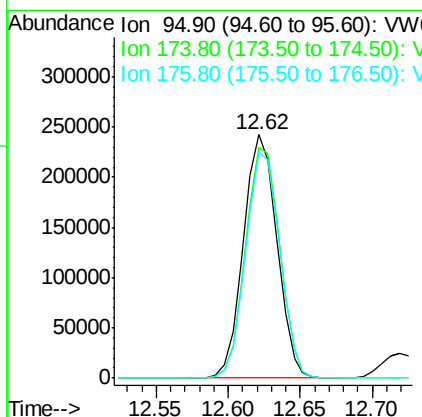
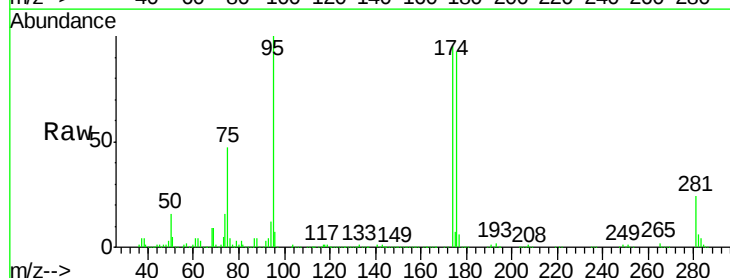
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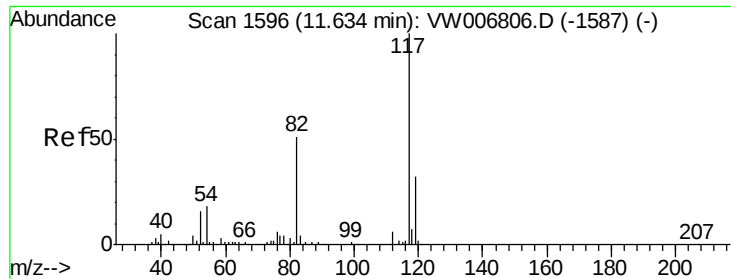
apatel
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#62
 4-Bromofluorobenzene
 Concen: 98.260 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Tgt Ion: 95 Resp: 390054
 Ion Ratio Lower Upper
 95 100
 174 96.9 0.0 196.6
 176 94.2 0.0 191.6





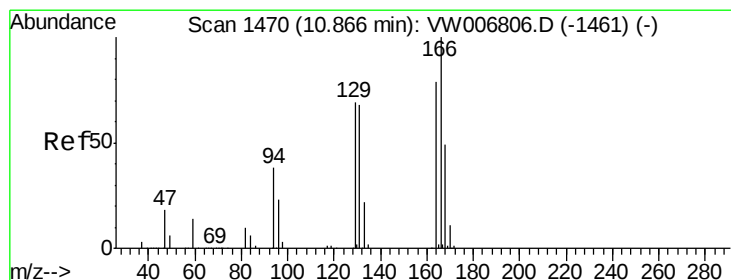
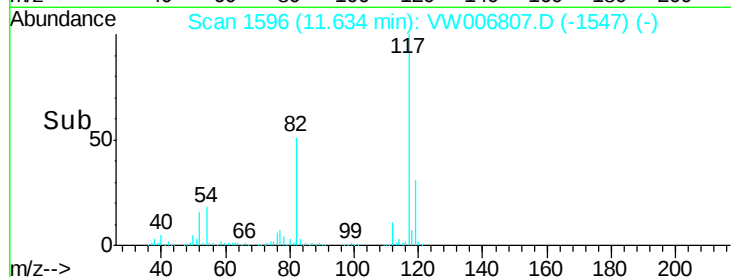
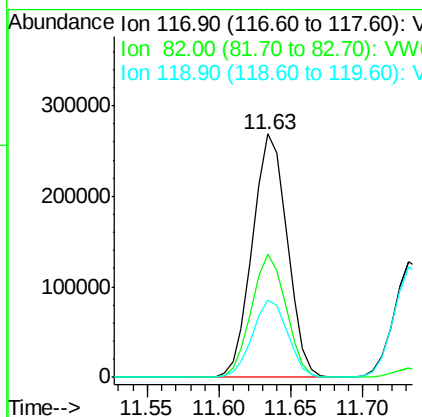
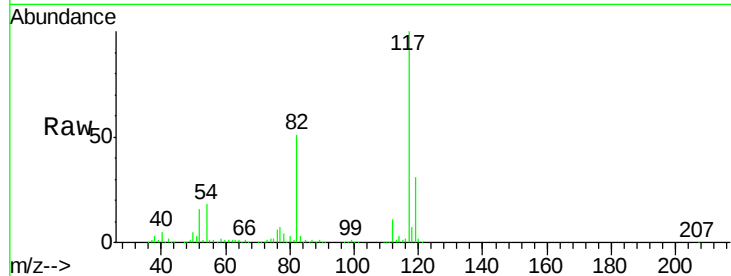
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	448604		
82	50.6	40.6	61.0	
119	31.5	25.5	38.3	

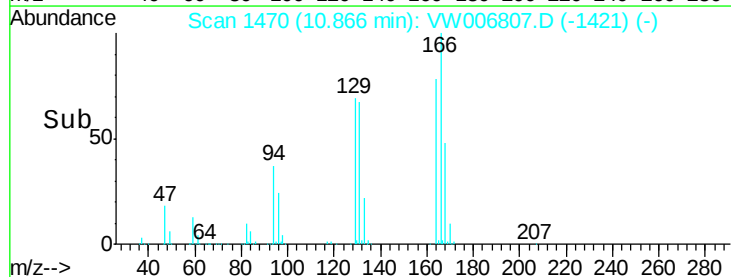
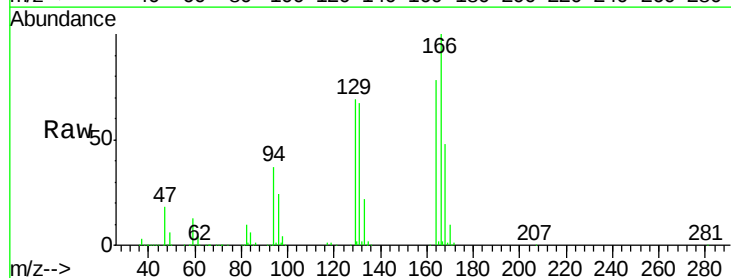
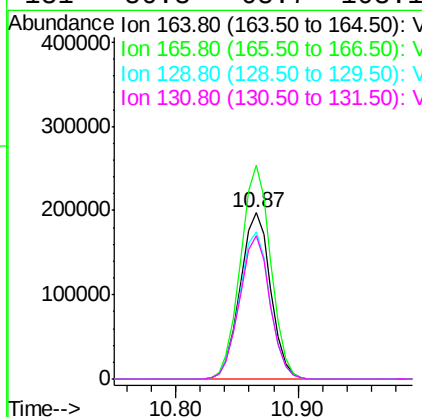
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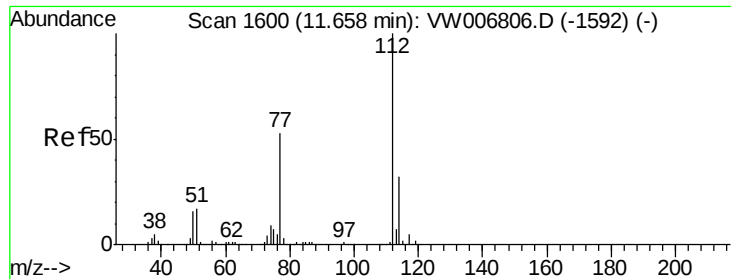
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#64
Tetrachloroethene
Concen: 99.340 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	340307		
166	128.7	101.3	151.9	
129	88.8	69.6	104.4	
131	86.3	68.7	103.1	





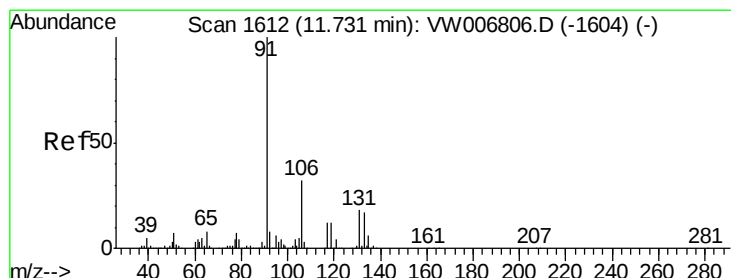
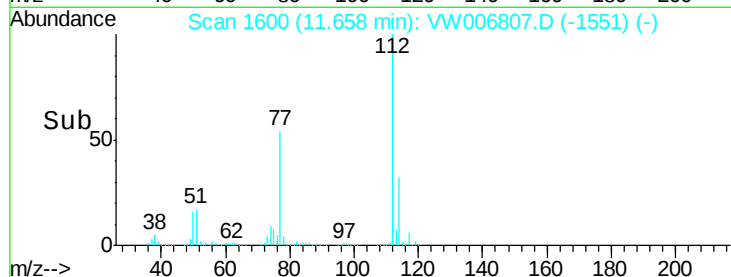
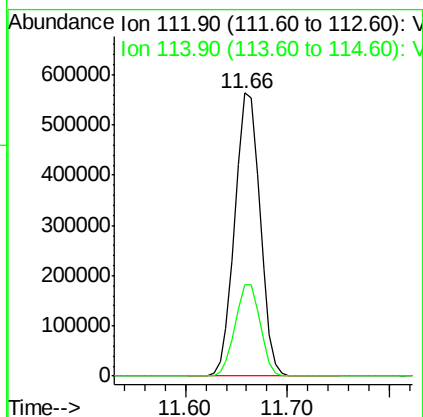
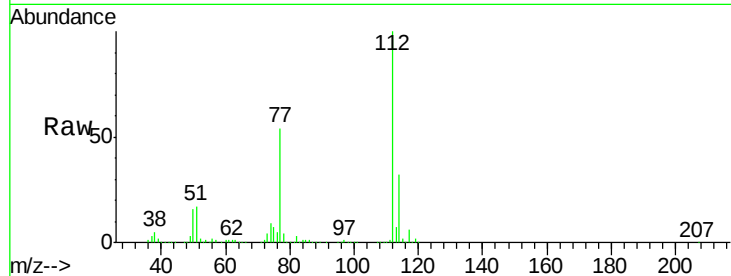
#65
Chlorobenzene
Concen: 100.679 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 961367
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0

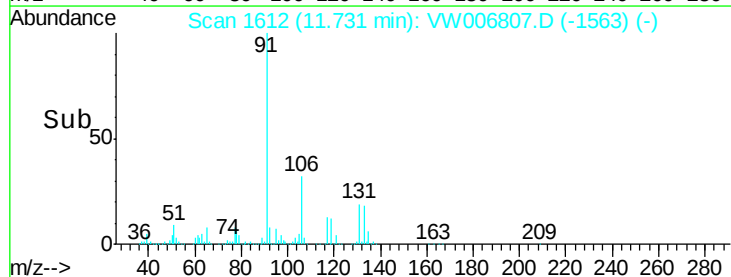
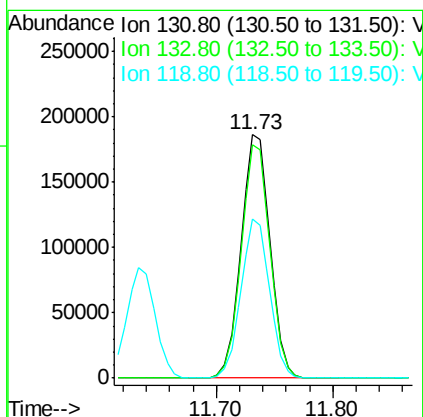
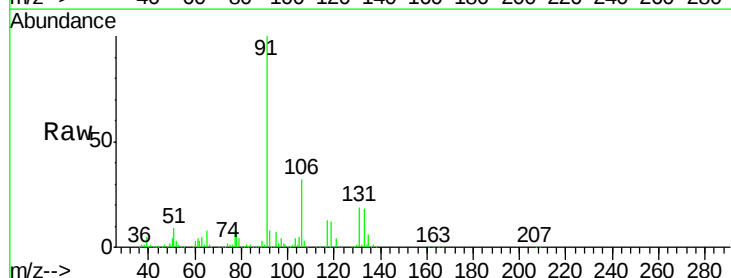
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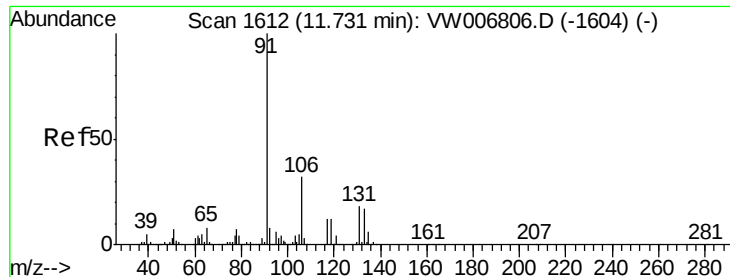
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#66
1,1,1,2-Tetrachloroethane
Concen: 105.538 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion:131 Resp: 322834
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.8
119 64.7 32.4 97.2





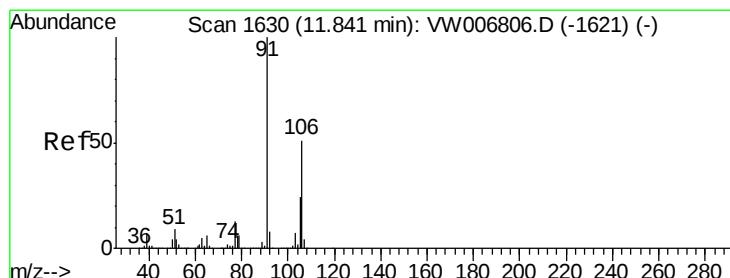
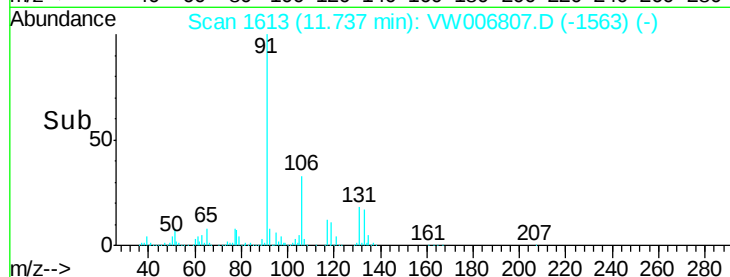
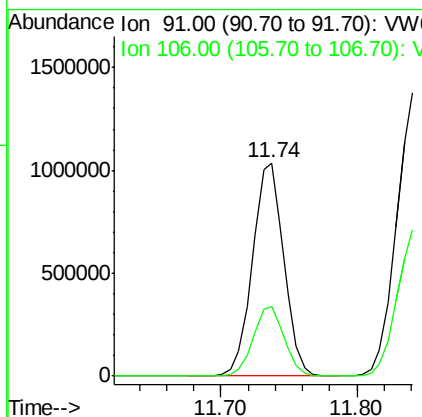
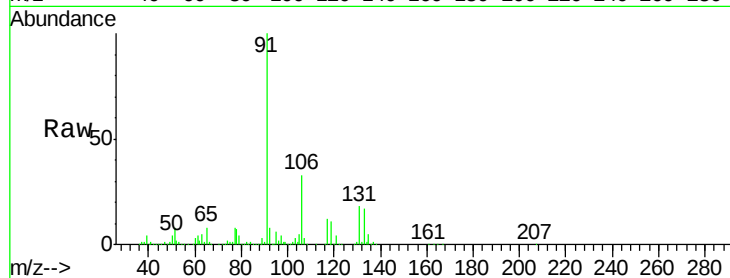
#67
Ethyl Benzene
Concen: 104.018 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 1670914
Ion Ratio Lower Upper
91 100
106 32.6 25.4 38.0

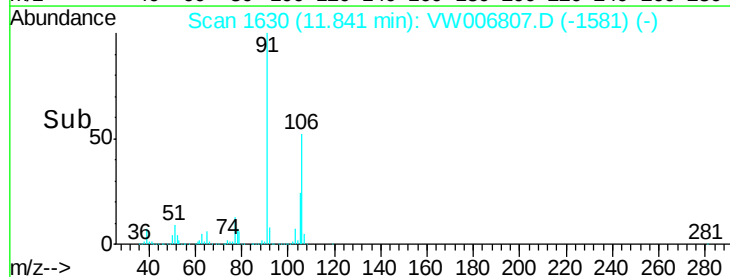
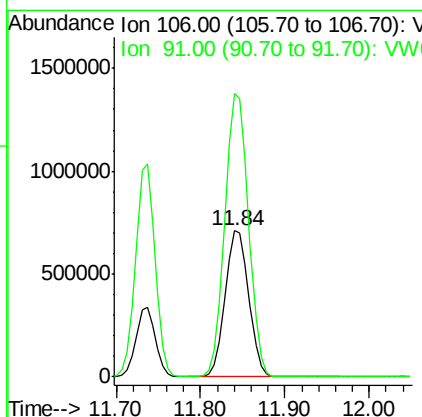
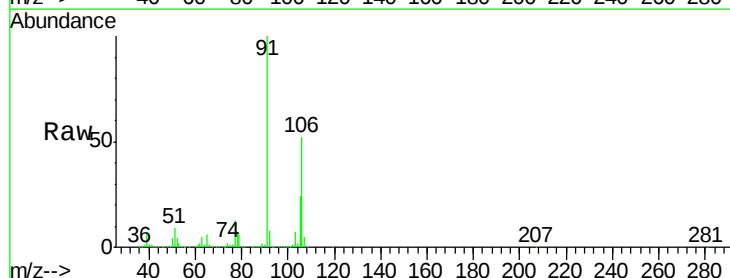
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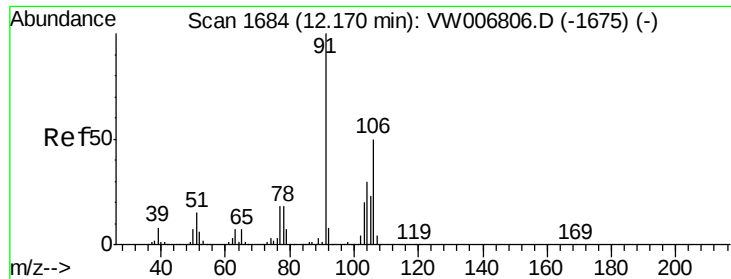
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#68
m/p-Xylenes
Concen: 207.435 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion: 106 Resp: 1359161
Ion Ratio Lower Upper
106 100
91 194.5 155.7 233.5





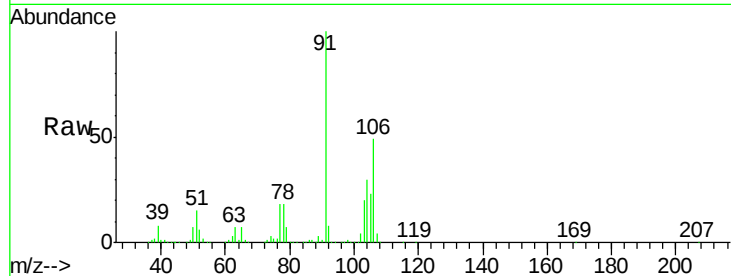
#69
o-Xylene
Concen: 106.735 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

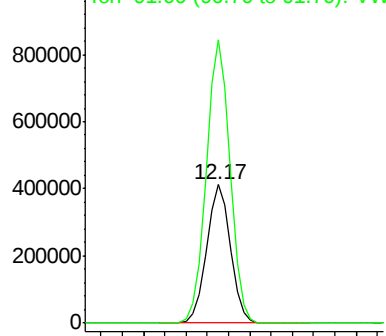
Tgt Ion:106 Resp: 643847
Ion Ratio Lower Upper
106 100
91 204.5 101.9 305.7

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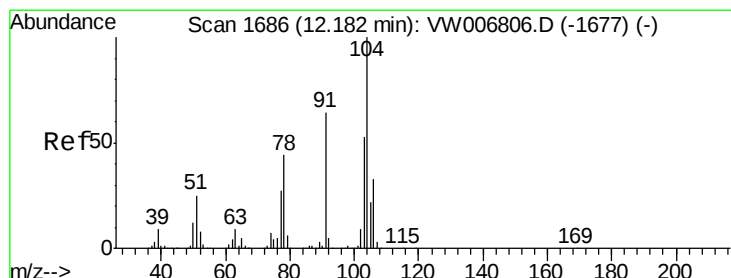
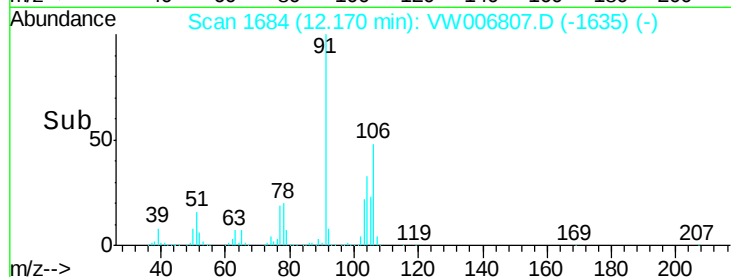
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Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

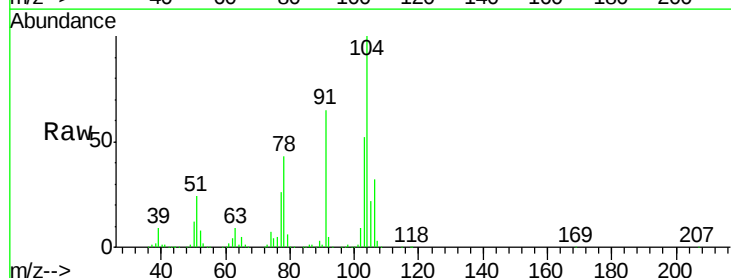


Time-->

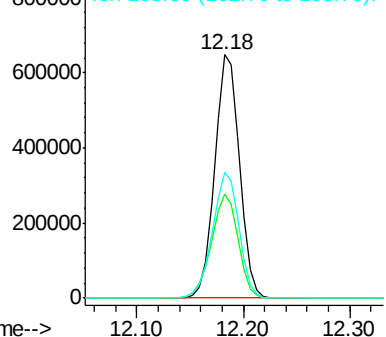


#70
Styrene
Concen: 107.663 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

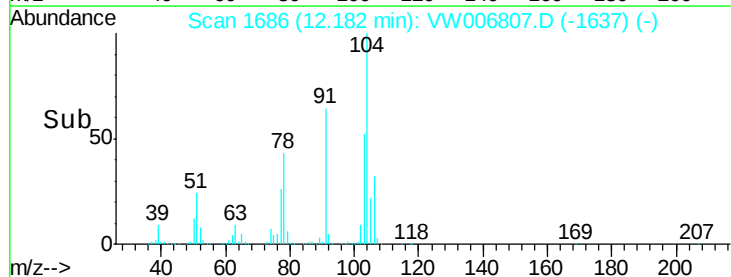
Tgt Ion:104 Resp: 1055612
Ion Ratio Lower Upper
104 100
78 46.1 37.3 55.9
103 55.2 44.6 66.8

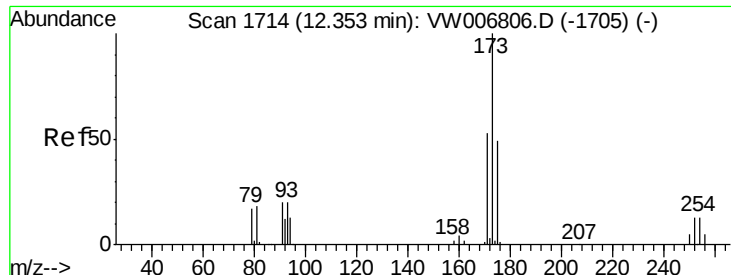


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 110.687 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

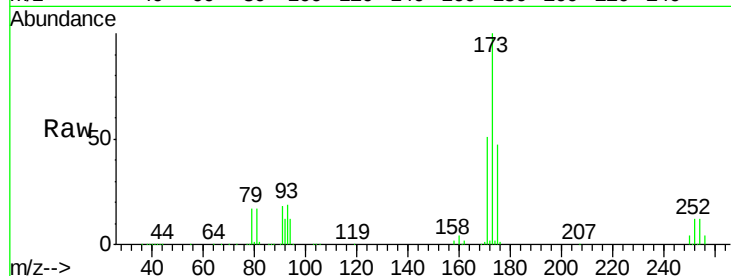
ClientSampleId :

VSTDIC100

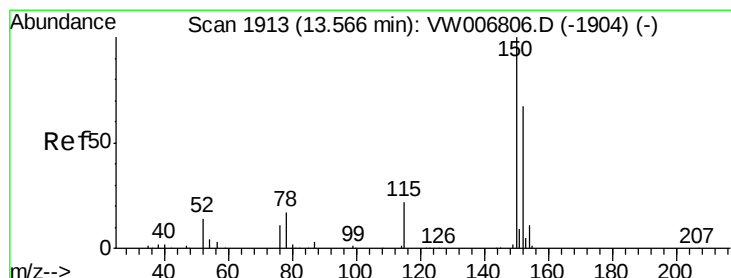
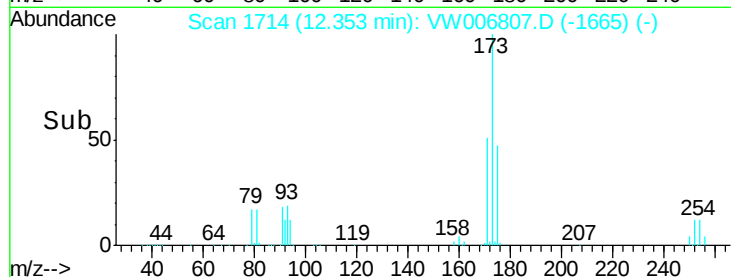
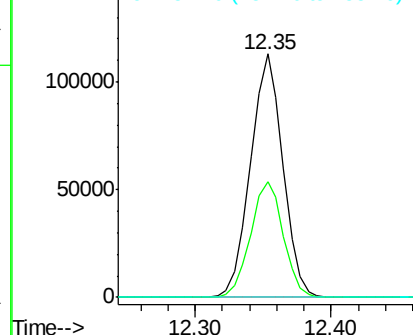
Tgt Ion:	173	Resp:	187554
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.4	73.4
254	0.1	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

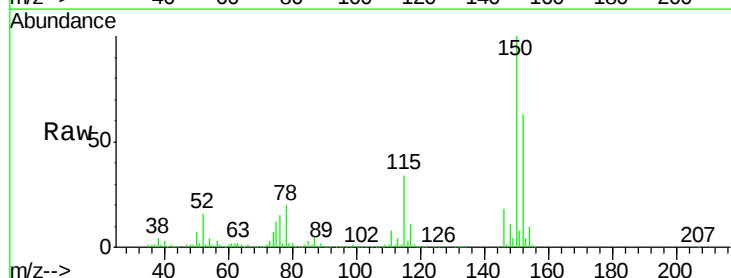
RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

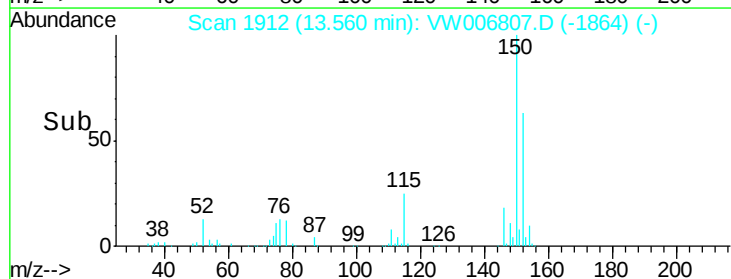
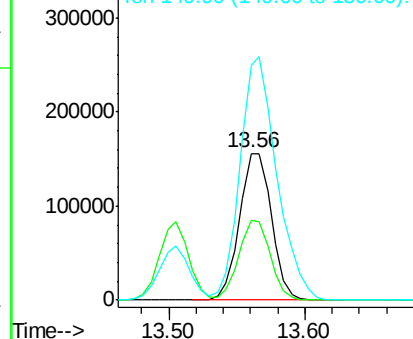
Lab File: VW006807.D

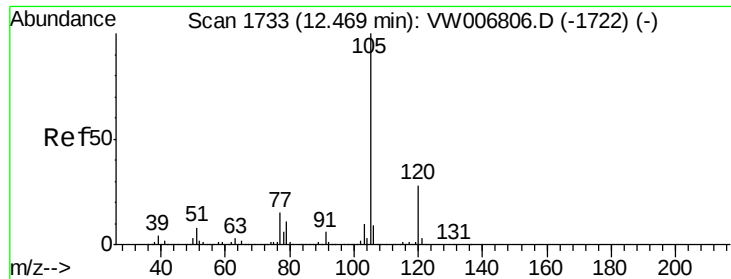
Acq: 12 Nov 2018 14:07

Tgt Ion:	152	Resp:	255370
Ion Ratio	Lower	Upper	
152	100		
115	53.8	27.3	81.8
150	190.6	0.0	353.0



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: 106.658 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 105 Resp: 1752458

Ion Ratio Lower Upper

105 100

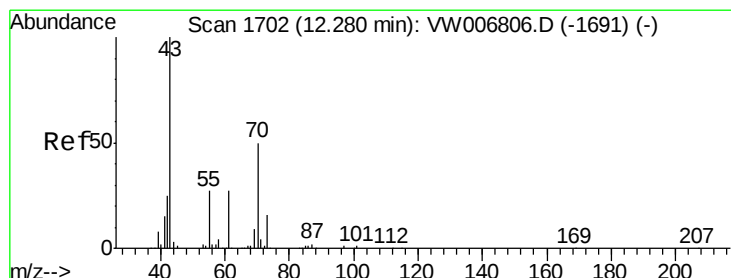
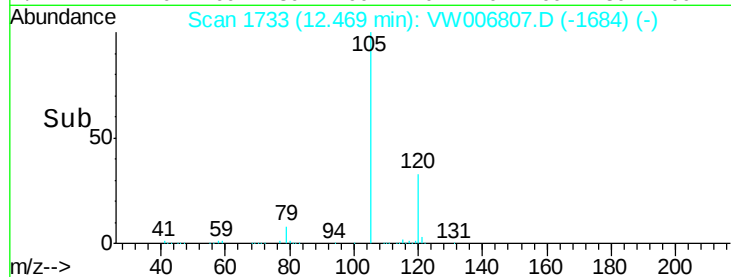
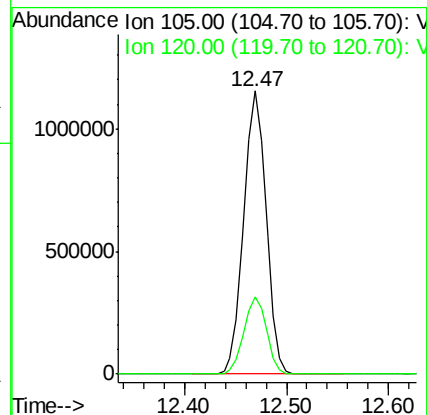
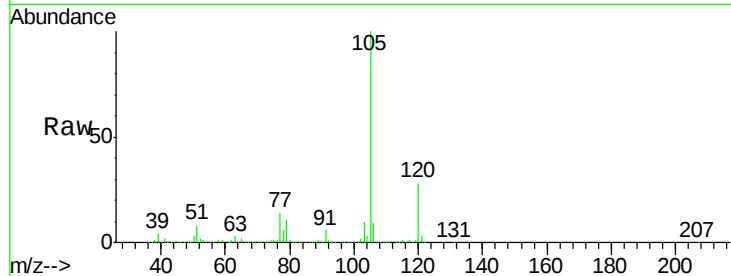
120 27.6 14.0 42.0

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#74

N-ethyl acetate

Concen: 107.433 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Tgt Ion: 43 Resp: 287720

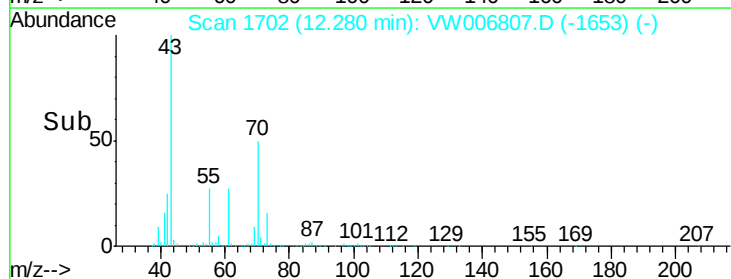
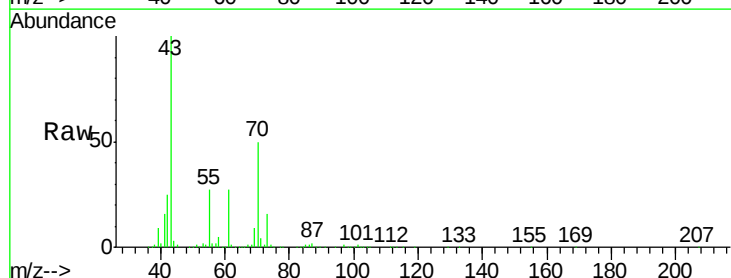
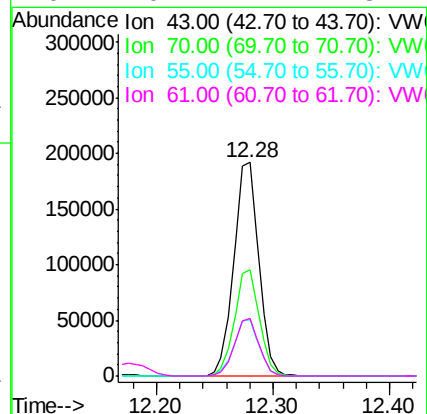
Ion Ratio Lower Upper

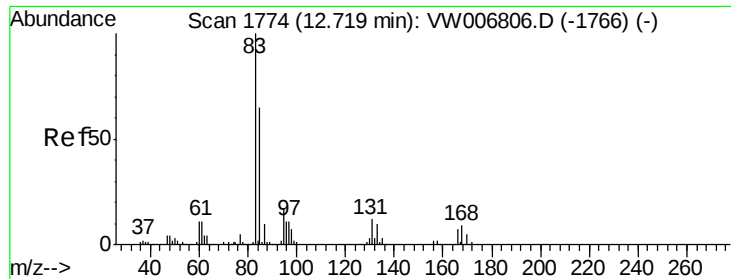
43 100

70 49.0 39.0 58.4

55 26.7 22.1 33.1

61 26.7 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 101.906 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

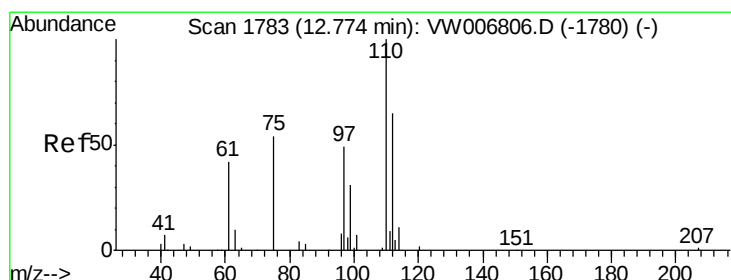
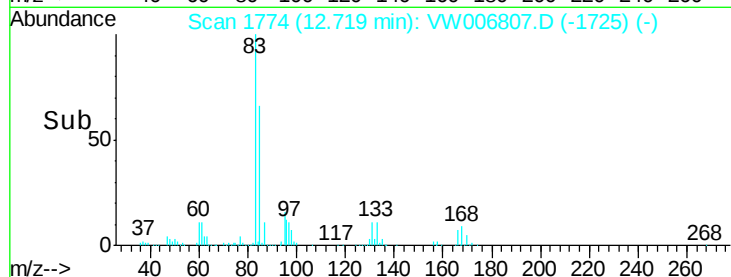
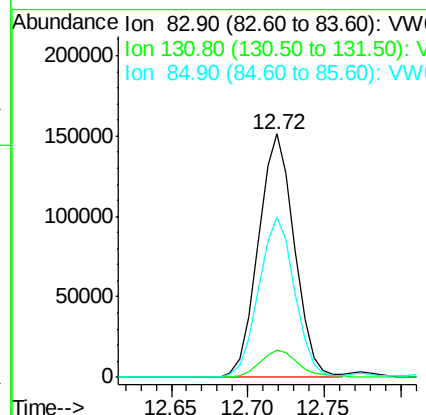
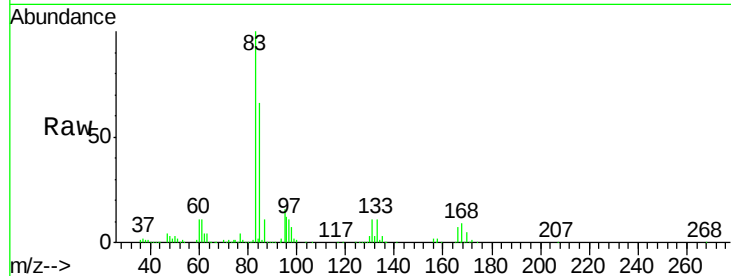
ClientSampleId :

VSTDIC100

Tgt Ion:	83	Resp:	249451
Ion Ratio	Lower	Upper	
83	100		
131	12.1	6.1	18.3
85	65.3	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 100.770 ug/l m

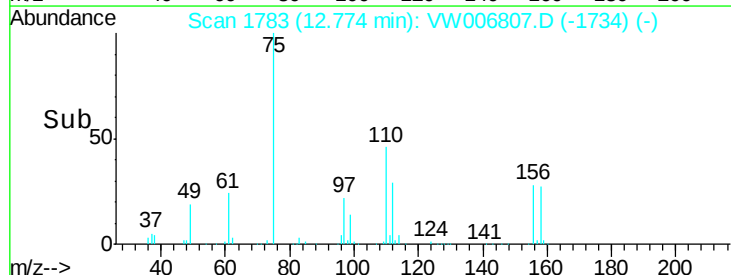
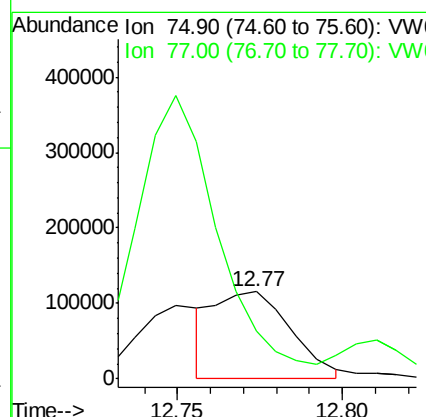
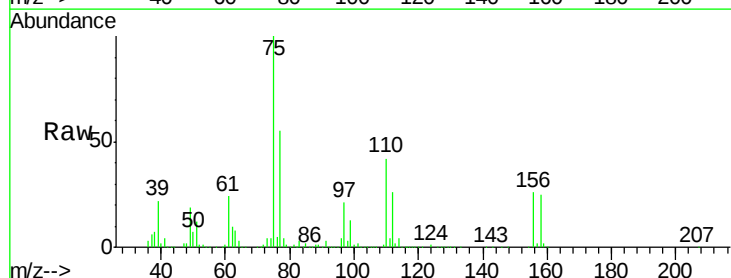
RT: 12.77 min Scan# 1783

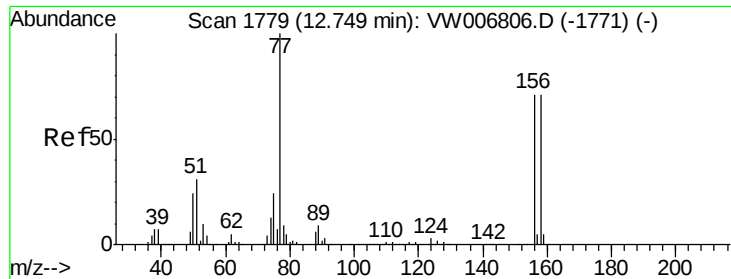
Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Tgt Ion:	75	Resp:	187663
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 103.016 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

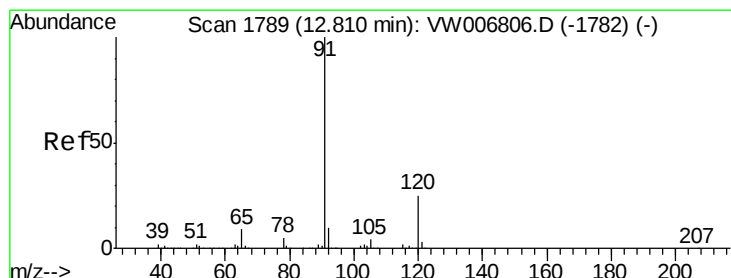
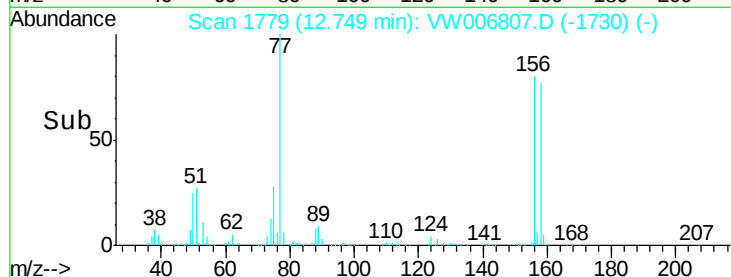
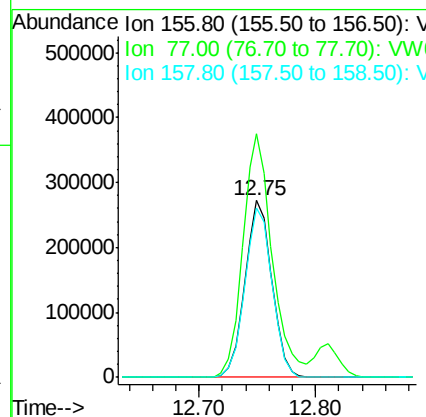
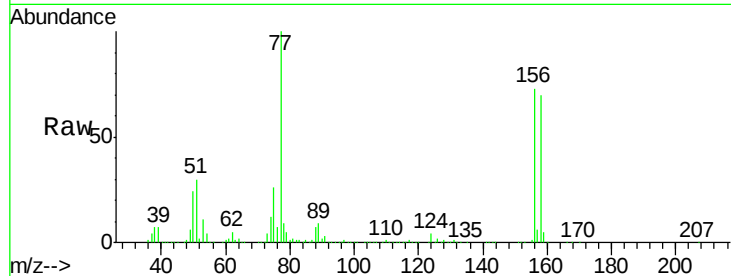
ClientSampleId :

VSTDIC100

Tgt Ion	Ratio	Lower	Upper
156	100		
77	150.2	75.3	225.7
158	97.1	49.2	147.6

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#78

n-propylbenzene

Concen: 105.051 ug/l

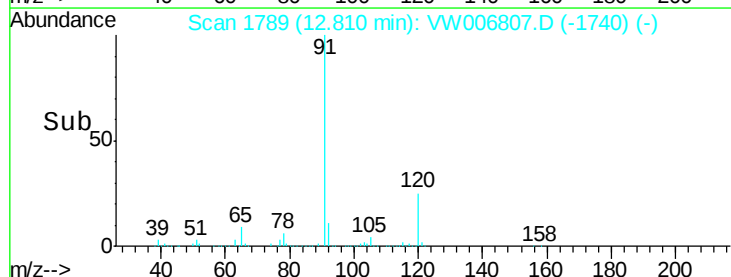
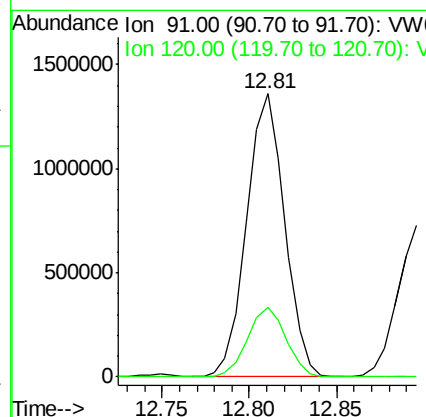
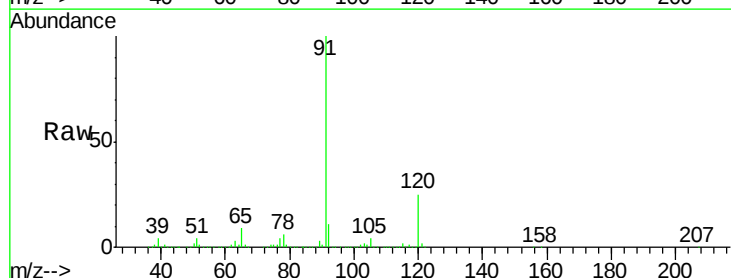
RT: 12.81 min Scan# 1789

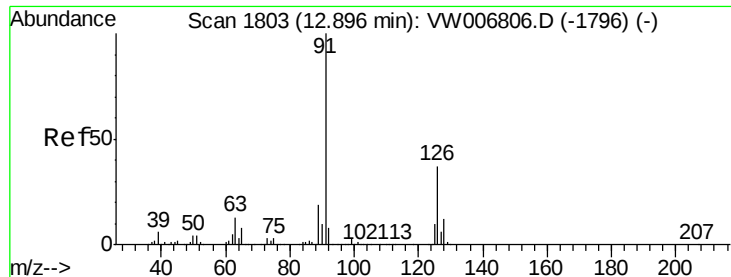
Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.4	37.4





#79

2-Chlorotoluene

Concen: 103.836 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 1141994

Ion Ratio Lower Upper

91 100

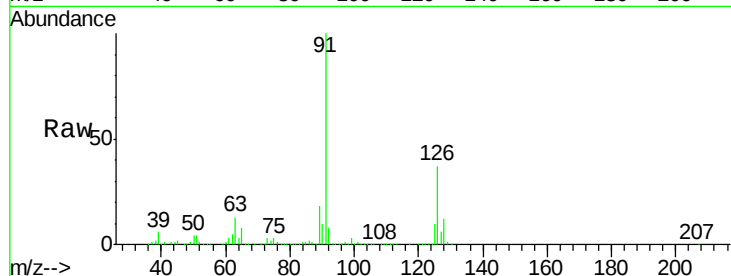
126 37.3 18.5 55.5

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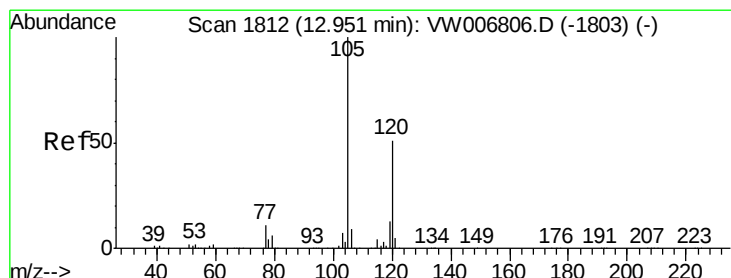
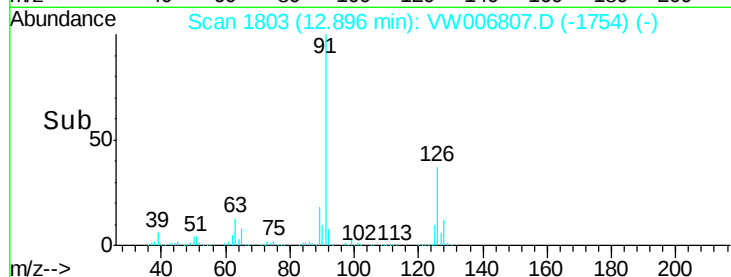
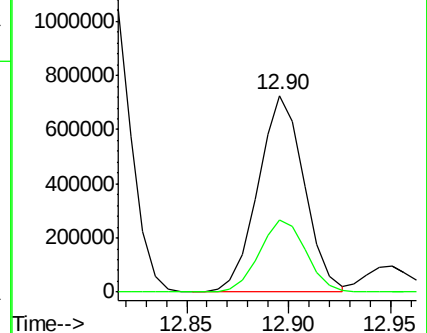
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 104.890 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006807.D

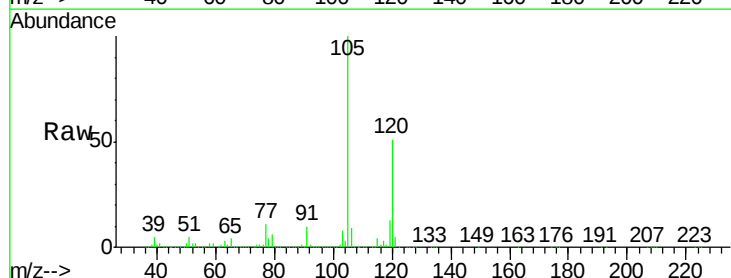
Acq: 12 Nov 2018 14:07

Tgt Ion: 105 Resp: 1493227

Ion Ratio Lower Upper

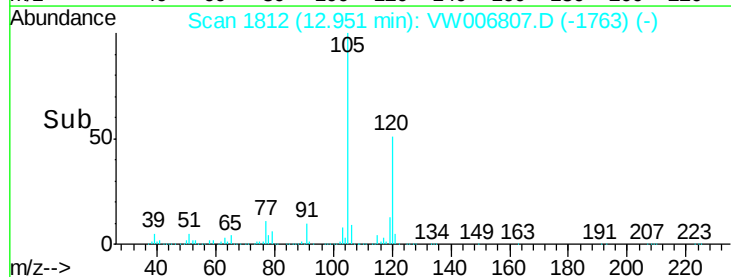
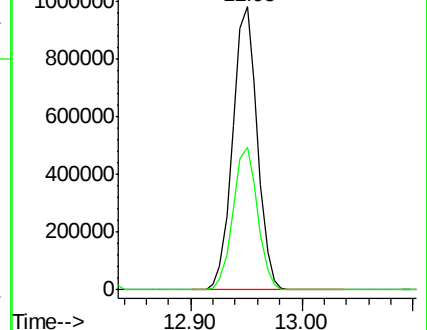
105 100

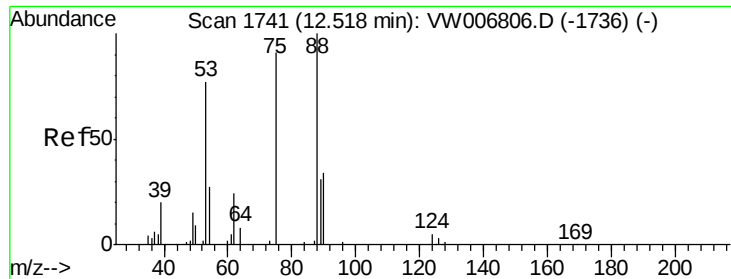
120 50.4 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 115.542 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

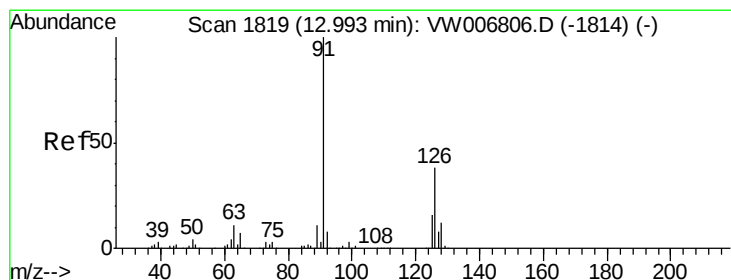
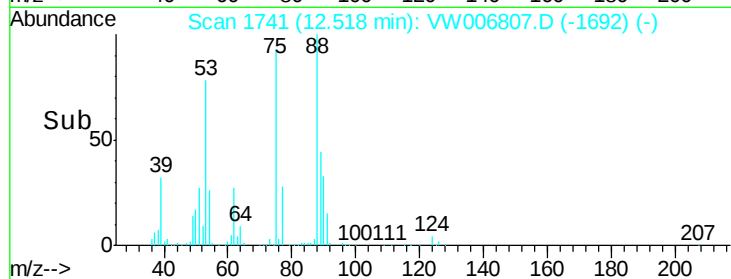
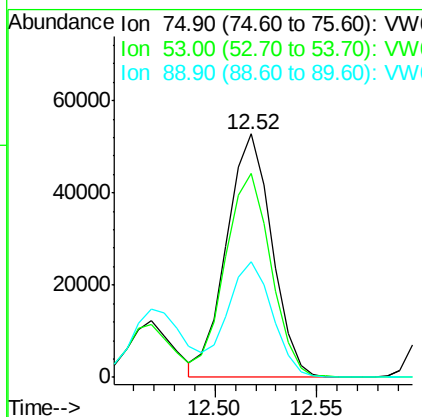
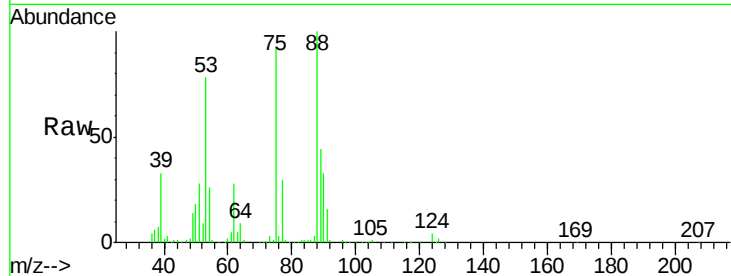
ClientSampleId :

VSTDIC100

Tgt Ion:	75	Resp:	80928
Ion Ratio	Lower	Upper	
75	100		
53	85.1	72.9	109.3
89	47.5	38.7	58.1

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#82

4-Chlorotoluene

Concen: 102.855 ug/l

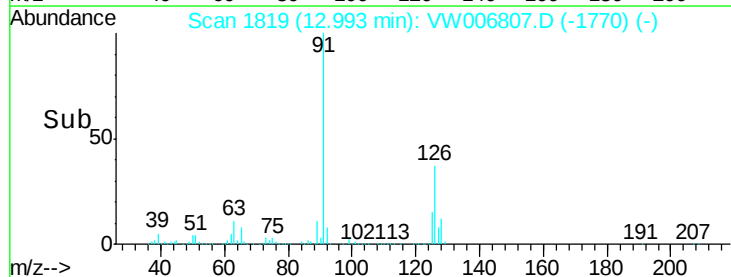
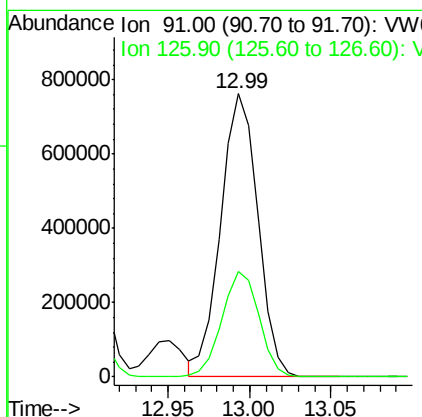
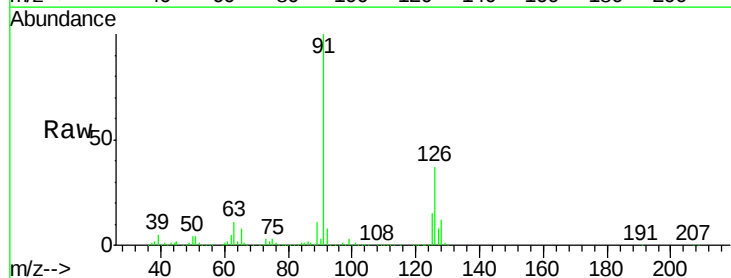
RT: 12.99 min Scan# 1819

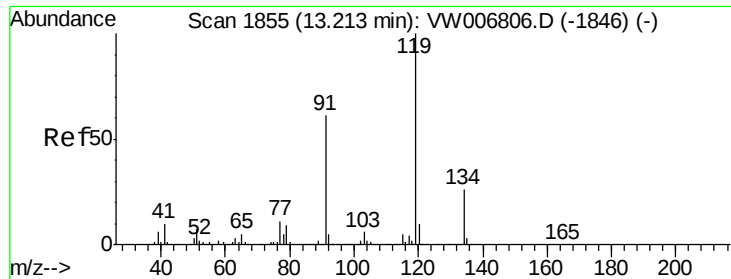
Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Tgt Ion:	91	Resp:	1208987
Ion Ratio	Lower	Upper	
91	100		
126	37.2	18.4	55.2





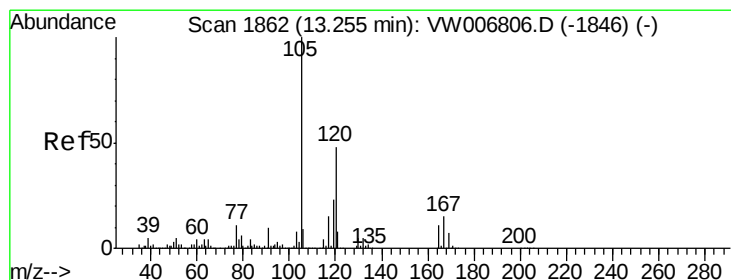
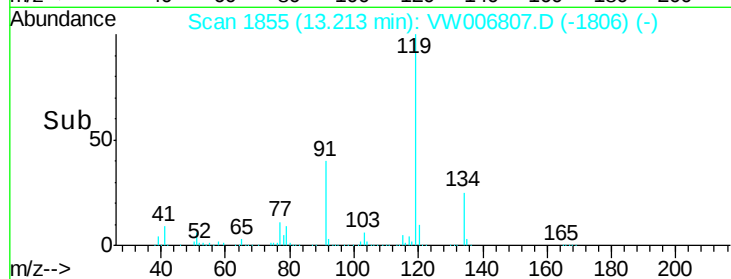
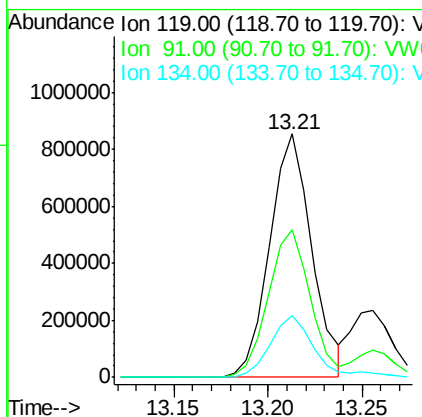
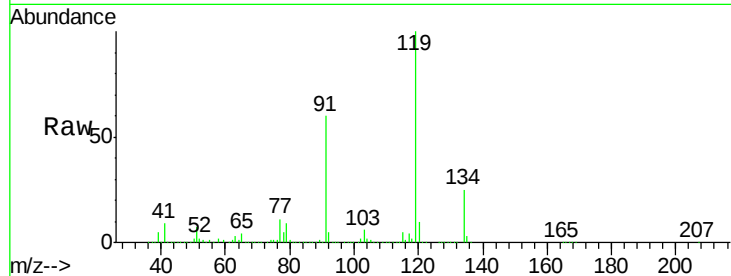
#83
 tert-Butylbenzene
 Concen: 107.568 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:119 Resp: 1323210
 Ion Ratio Lower Upper
 119 100
 91 60.3 30.0 90.1
 134 26.8 13.4 40.2

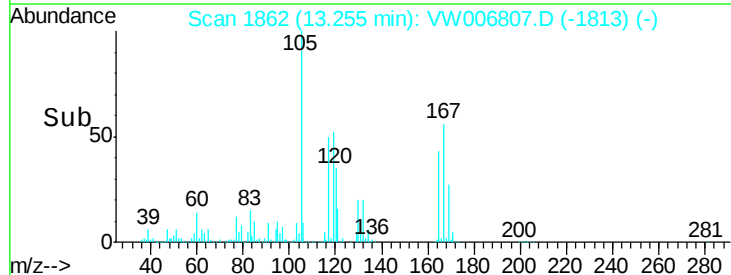
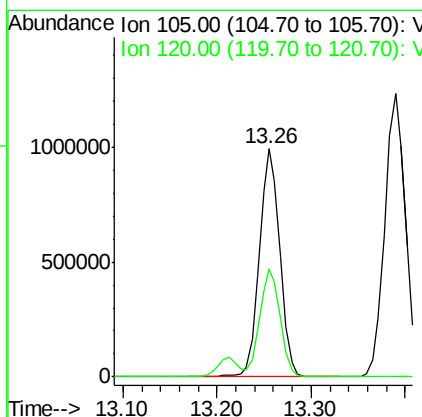
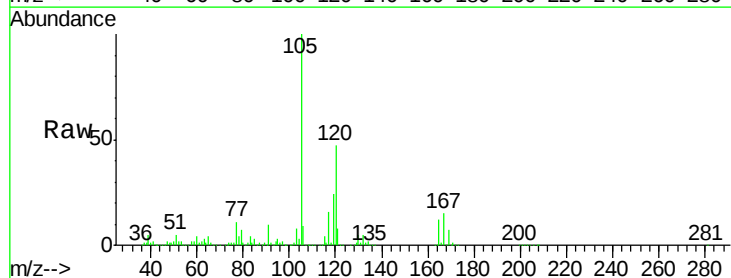
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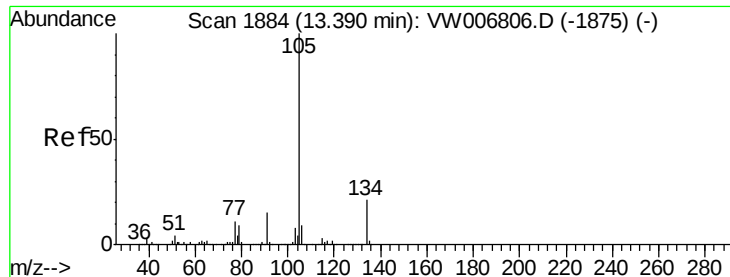
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#84
 1,2,4-Trimethylbenzene
 Concen: 104.447 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Tgt Ion:105 Resp: 1523436
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.4 70.0





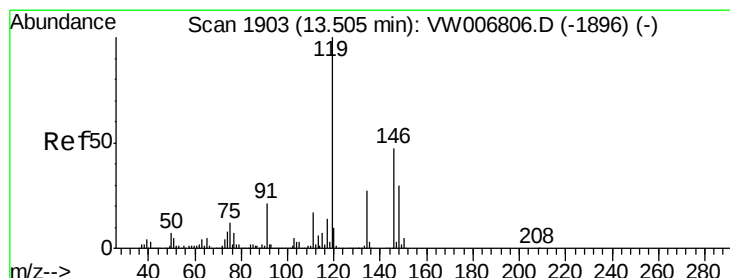
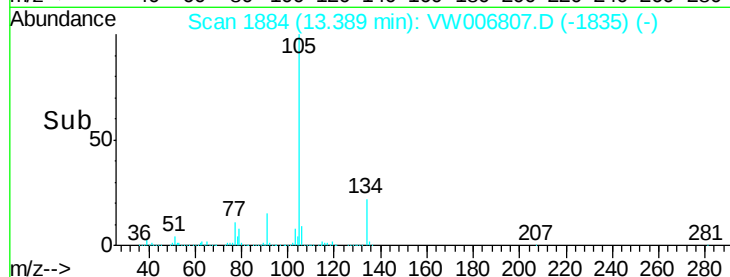
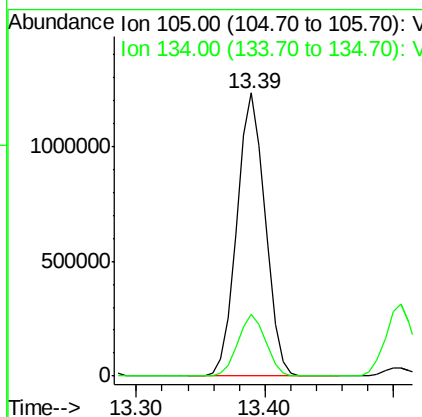
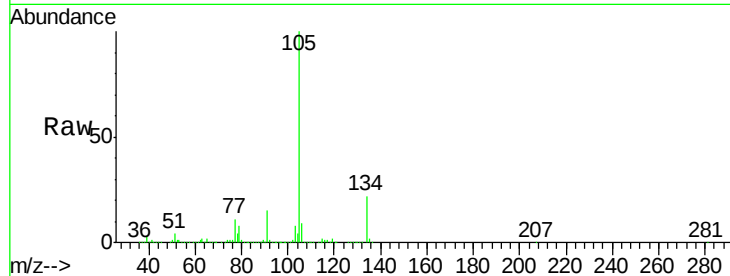
#85
 sec-Butylbenzene
 Concen: 106.205 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 1869810
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.7 31.9

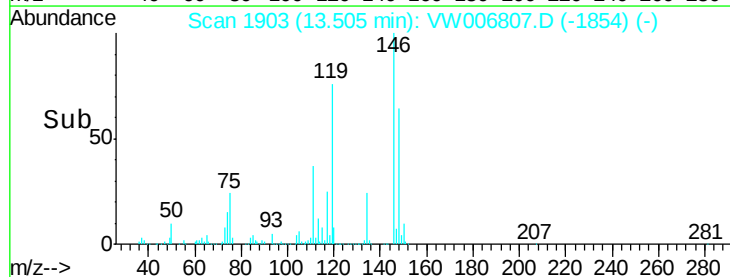
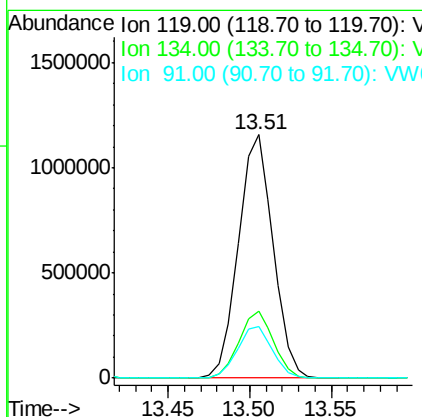
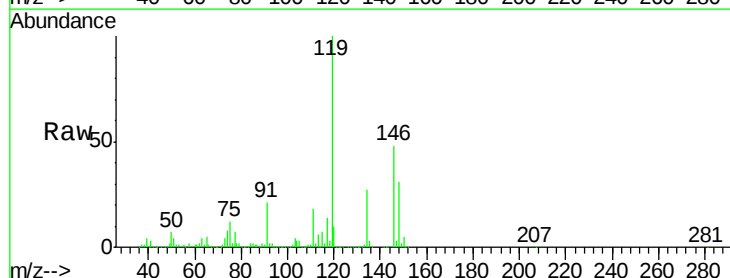
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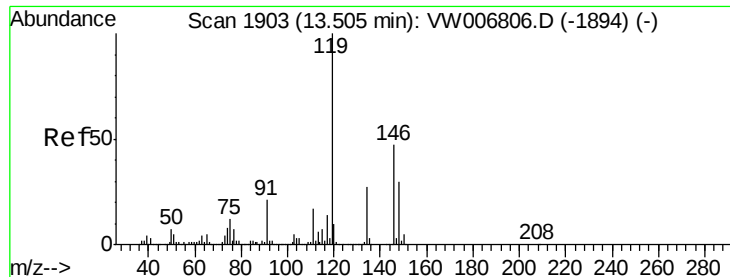
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#86
 p-Isopropyltoluene
 Concen: 106.421 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Tgt Ion:119 Resp: 1709005
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.4
 91 21.4 10.8 32.4





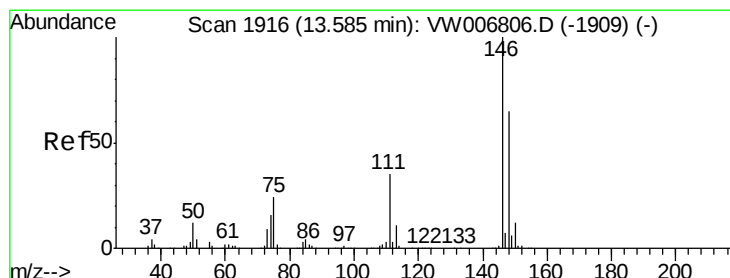
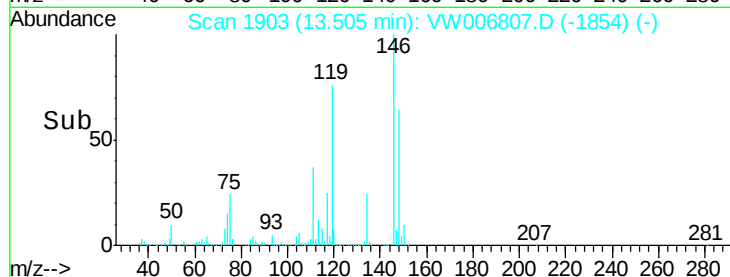
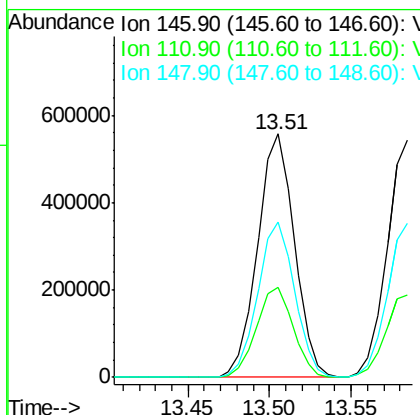
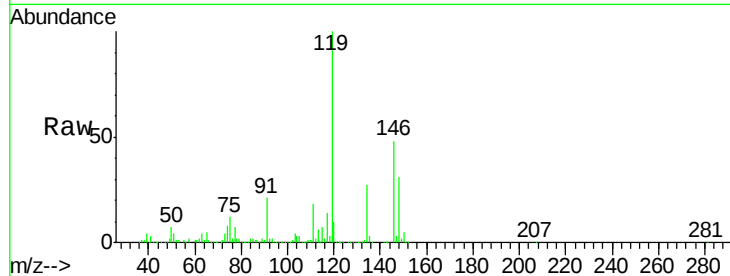
#87
 1,3-Dichlorobenzene
 Concen: 101.058 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	872255		
111	37.1	18.3	54.9	
148	63.9	31.9	95.9	

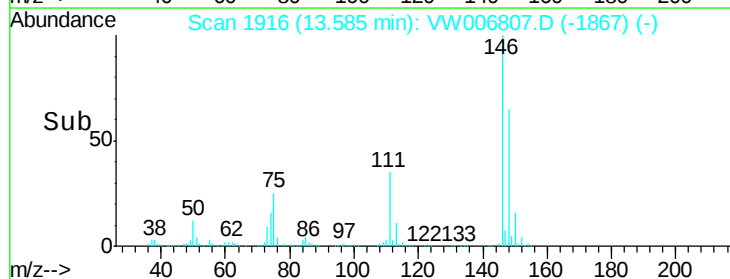
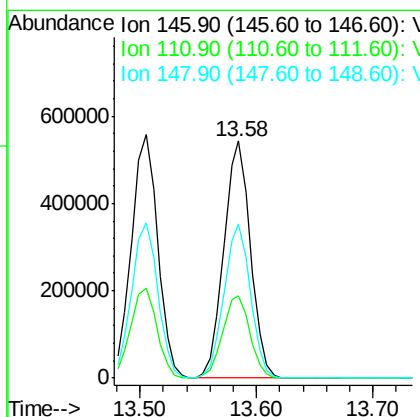
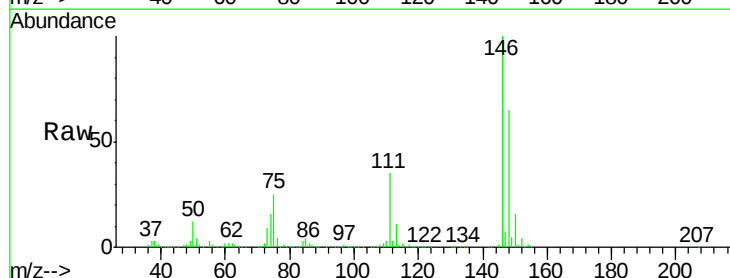
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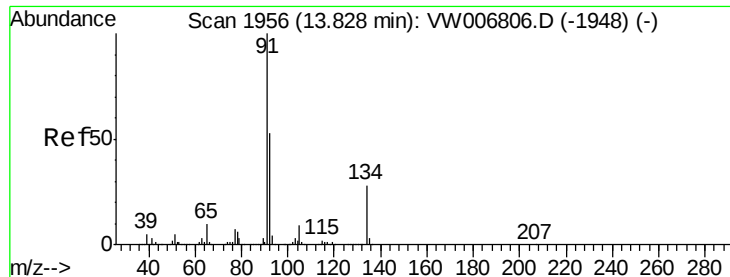
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#88
 1,4-Dichlorobenzene
 Concen: 99.680 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	856897		
111	35.5	17.8	53.3	
148	64.6	32.0	96.0	





#89

n-Butylbenzene

Concen: 104.769 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 1552852

Ion Ratio Lower Upper

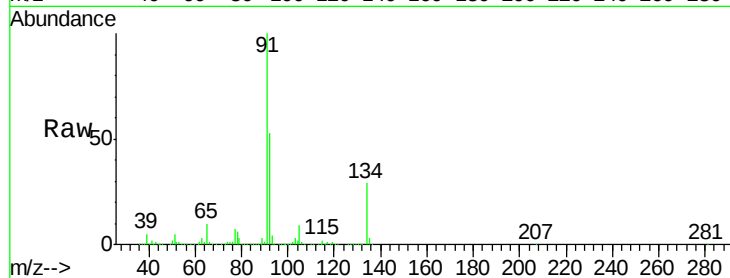
91 100

92 53.2 26.5 79.4

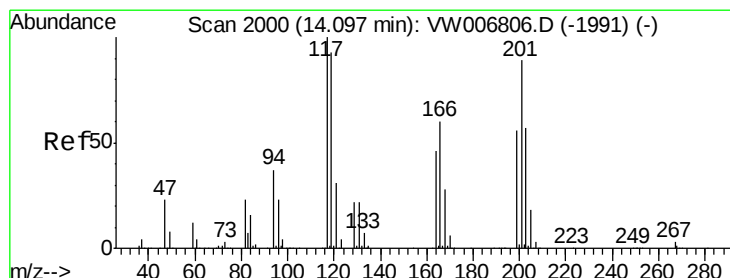
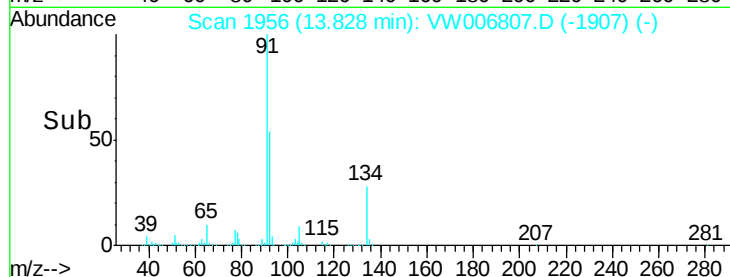
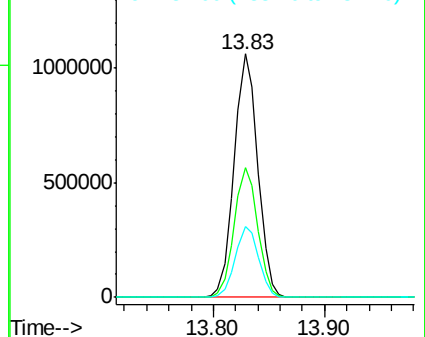
134 29.0 14.4 43.2

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Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 110.718 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW006807.D

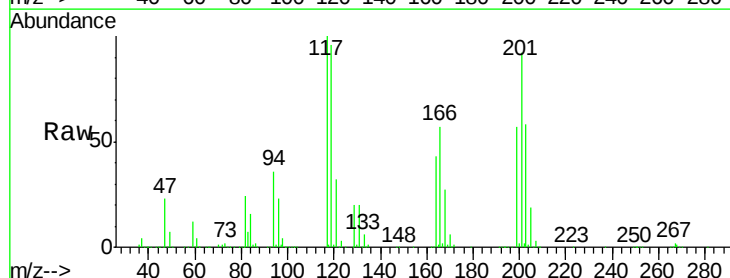
Acq: 12 Nov 2018 14:07

Tgt Ion: 117 Resp: 278939

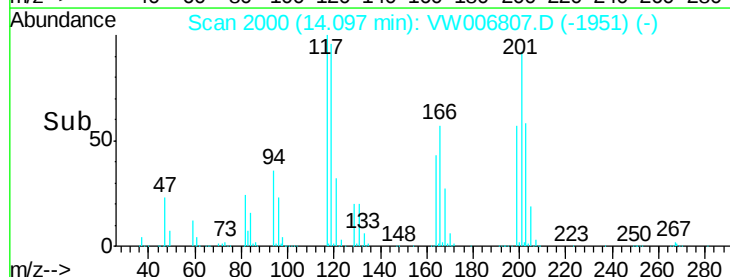
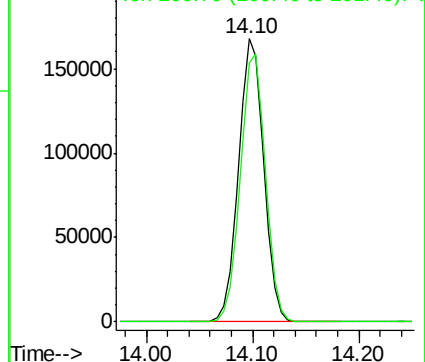
Ion Ratio Lower Upper

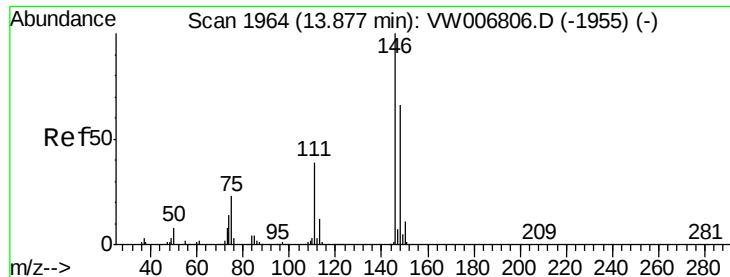
117 100

201 94.7 46.9 140.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





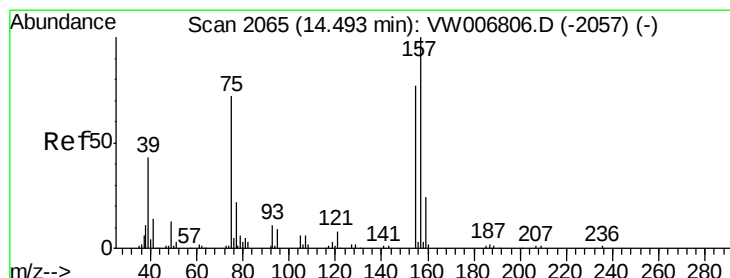
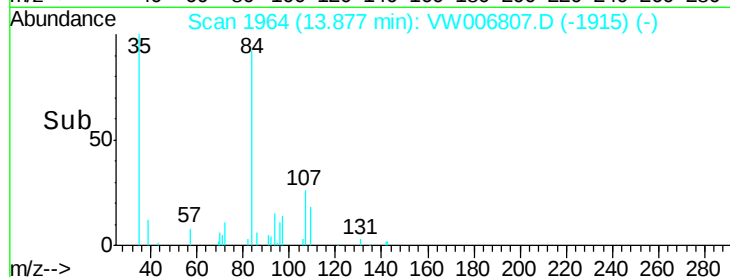
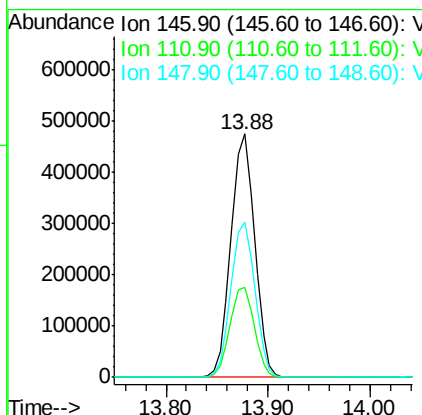
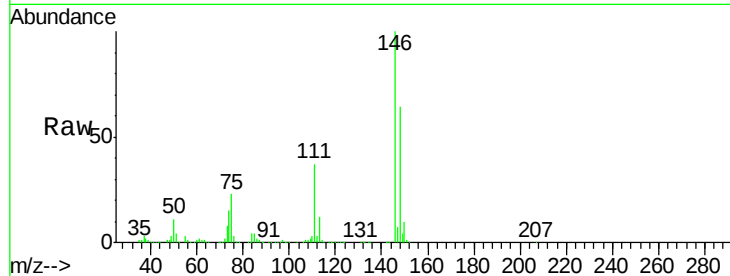
#91
 1,2-Dichlorobenzene
 Concen: 101.191 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	764066		
111	38.1	19.3	57.8	
148	64.6	32.4	97.2	

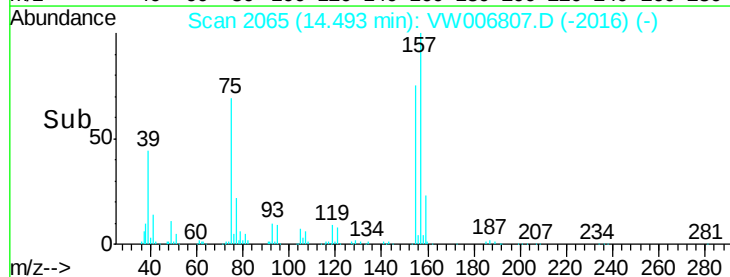
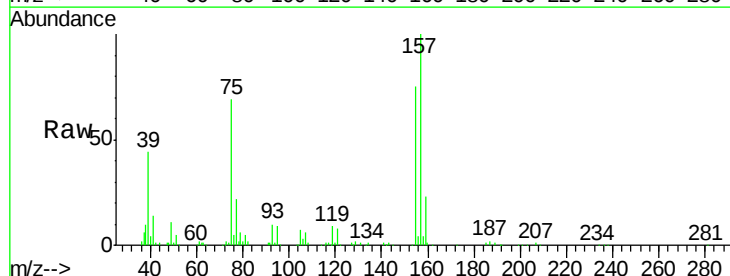
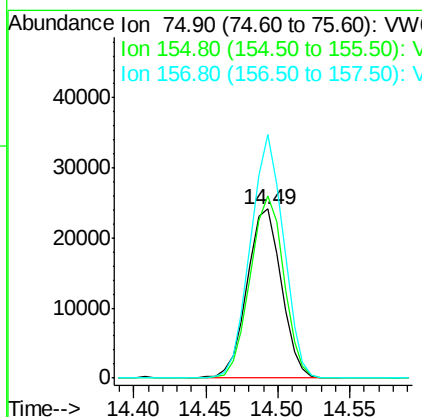
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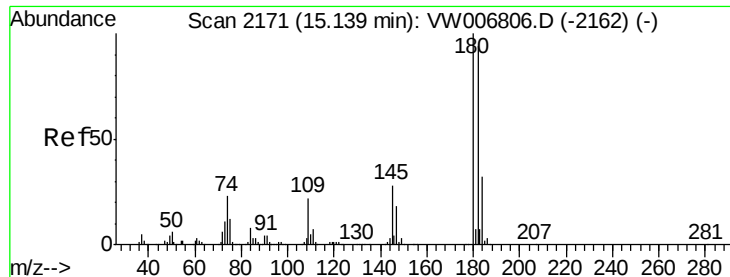
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 100.591 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	39760		
155	105.7	51.0	153.1	
157	138.6	67.4	202.2	





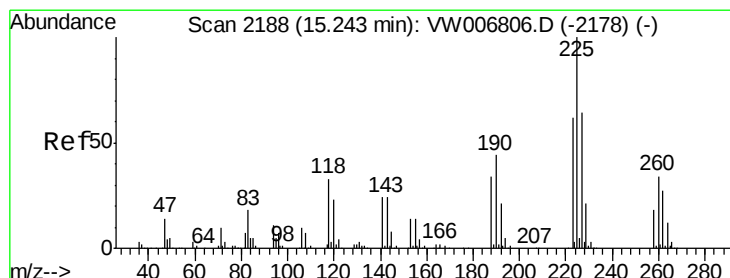
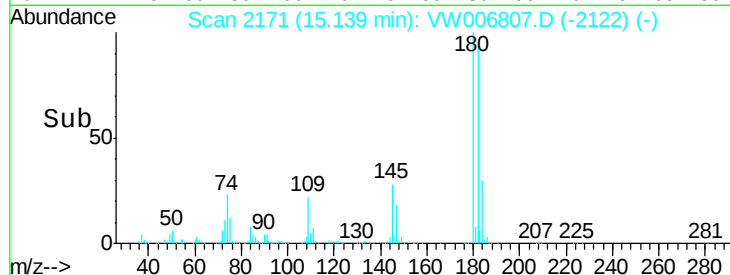
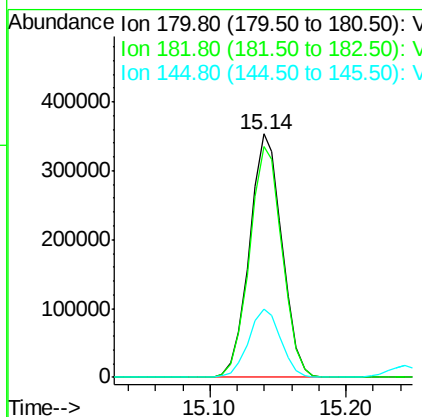
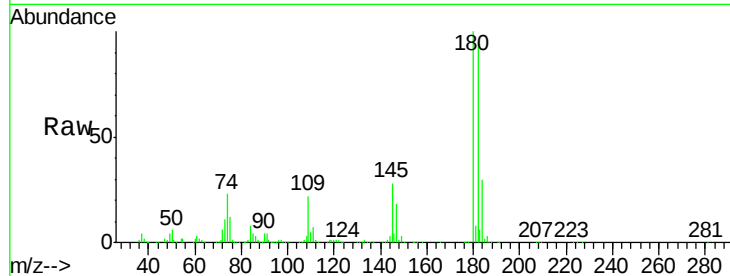
#93
 1,2,4-Trichlorobenzene
 Concen: 105.400 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	589146		
182	95.7	47.5	142.5	
145	28.1	14.0	41.9	

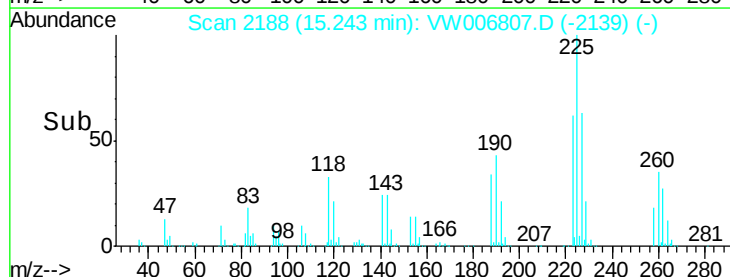
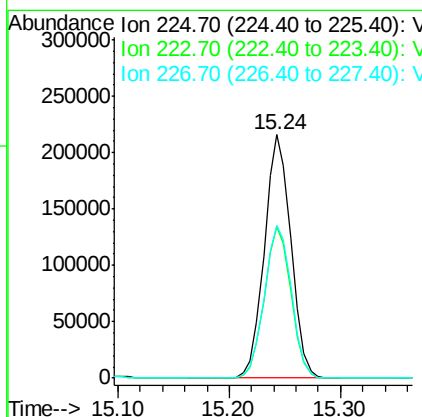
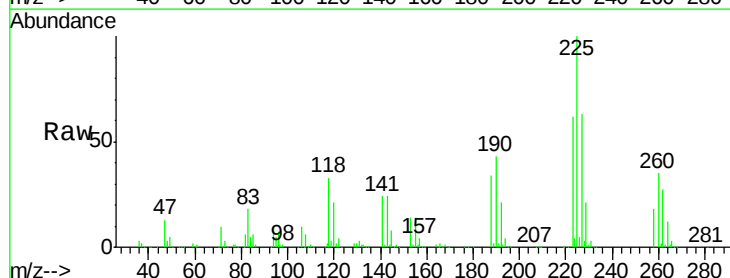
Manual Integrations
 APPROVED

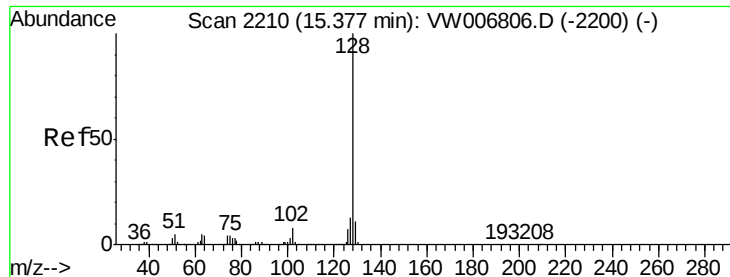
apatel
 11/13/2018 11:53:44 AM



#94
 Hexachlorobutadiene
 Concen: 101.609 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	357438		
223	62.5	31.2	93.6	
227	64.3	32.3	96.9	





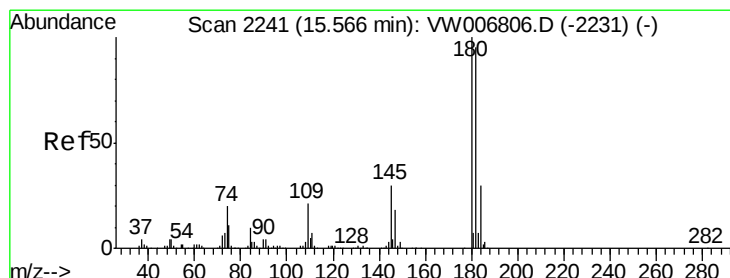
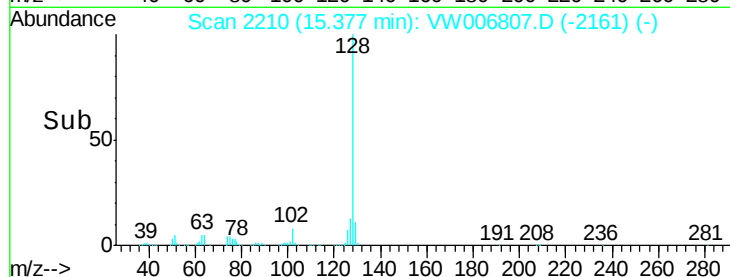
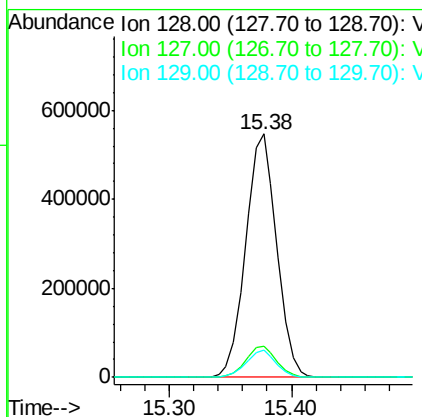
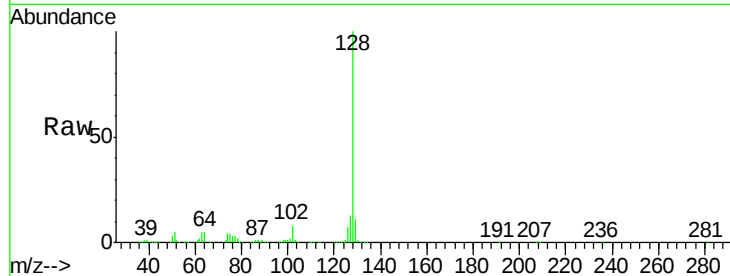
#95
Naphthalene
Concen: 112.018 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	958061		
127	12.9	10.3	15.5	
129	10.9	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 104.571 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	505625		
182	96.0	47.9	143.6	
145	29.8	15.2	45.5	

