

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
 Data File : VW006041.D
 Acq On : 12 Oct 2018 11:09
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 10/15/2018 10:03:17 AM

Quant Time: Oct 15 08:39:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	289439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	411366	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	373277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	215650	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	125918	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	
35) Dibromofluoromethane	7.89	113	130325	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	10.33	98	512636	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.62	95	192131	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.02	85	80602	56.83	ug/l	99
3) Chloromethane	2.22	50	89114	53.41	ug/l	98
4) Vinyl Chloride	2.37	62	141565	53.45	ug/l	95
5) Bromomethane	2.79	94	113609	54.35	ug/l	100
6) Chloroethane	2.93	64	90725	53.76	ug/l	96
7) Trichlorofluoromethane	3.26	101	127620	60.70	ug/l	98
8) Diethyl Ether	3.68	74	59310	45.84	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	135431	51.04	ug/l	99
10) Methyl Iodide	4.27	142	220026	50.71	ug/l	100
11) Tert butyl alcohol	5.17	59	43845	212.92	ug/l	98
12) 1,1-Dichloroethene	4.04	96	125827	49.38	ug/l	94
13) Acrolein	3.89	56	45858	249.90	ug/l	95
14) Allyl chloride	4.67	41	180254	41.48	ug/l	96
15) Acrylonitrile	5.37	53	117641	208.91	ug/l	99
16) Acetone	4.12	43	128074	228.20	ug/l	99
17) Carbon Disulfide	4.38	76	364947	47.38	ug/l	100
18) Methyl Acetate	4.67	43	61074	43.12	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	177778	44.85	ug/l	97
20) Methylene Chloride	4.92	84	126889	45.13	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	135454	48.78	ug/l	96
22) Diisopropyl ether	6.31	45	357382	44.00	ug/l	98
23) Vinyl Acetate	6.26	43	1015397	203.11	ug/l	97
24) 1,1-Dichloroethane	6.22	63	228930	46.06	ug/l	99
25) 2-Butanone	7.18	43	162684	203.80	ug/l	97
26) 2,2-Dichloropropane	7.17	77	167762	47.96	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	151119	48.12	ug/l	97
28) Bromochloromethane	7.51	49	90313	49.22	ug/l	89
29) Tetrahydrofuran	7.53	42	99646	197.47	ug/l	96
30) Chloroform	7.68	83	245847	48.15	ug/l	98
31) Cyclohexane	7.96	56	216117	43.93	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	222065	48.84	ug/l	100
36) 1,1-Dichloropropene	8.09	75	196320	49.81	ug/l	99
37) Ethyl Acetate	7.26	43	68759	41.19	ug/l	98
38) Carbon Tetrachloride	8.07	117	216231	51.06	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	265495	51.07	ug/l	96
40) Benzene	8.33	78	540987	50.15	ug/l	99
41) Methacrylonitrile	7.49	41	42137	40.32	ug/l	97
42) 1,2-Dichloroethane	8.40	62	155373	47.67	ug/l	100
43) Isopropyl Acetate	8.43	43	142515	40.87	ug/l	97
44) Trichloroethene	9.10	130	164868	52.67	ug/l	98
45) 1,2-Dichloropropane	9.37	63	129001	47.77	ug/l	100
46) Dibromomethane	9.46	93	71003	47.84	ug/l	97
47) Bromodichloromethane	9.65	83	179257	48.00	ug/l	97
48) Methyl methacrylate	9.44	41	69106	41.60	ug/l	96
49) 1,4-Dioxane	9.45	88	23778	1054.74	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	354767	208.94	ug/l	97
52) Toluene	10.39	92	365992	51.64	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	181801	46.58	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	208320	47.48	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	100651	48.96	ug/l	97
56) Ethyl methacrylate	10.65	69	124044	44.77	ug/l	94
57) 1,3-Dichloropropane	10.94	76	166208	48.06	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	239534	212.47	ug/l	98
59) 2-Hexanone	10.97	43	255330	209.72	ug/l	97
60) Dibromochloromethane	11.13	129	128634	48.49	ug/l	99
61) 1,2-Dibromoethane	11.24	107	99228	48.31	ug/l	100
64) Tetrachloroethene	10.87	164	147877	53.18	ug/l	99
65) Chlorobenzene	11.66	112	418769	52.37	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	151961	51.85	ug/l	99
67) Ethyl Benzene	11.74	91	738360	52.28	ug/l	98
68) m/p-Xylenes	11.84	106	583452	105.71	ug/l	99
69) o-Xylene	12.17	106	276337	52.30	ug/l	99
70) Styrene	12.19	104	458318	52.28	ug/l	99
71) Bromoform	12.35	173	82138	47.05	ug/l #	99
73) Isopropylbenzene	12.47	105	797650	50.65	ug/l	100
74) N-amyl acetate	12.28	43	146838	39.26	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	114790	44.47	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	77674m	40.32	ug/l	
77) Bromobenzene	12.75	156	187985	50.38	ug/l	95
78) n-propylbenzene	12.81	91	939370	50.70	ug/l	100
79) 2-Chlorotoluene	12.90	91	522539	49.96	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	675212	50.78	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	35534	38.94	ug/l	96
82) 4-Chlorotoluene	12.99	91	552766	50.24	ug/l	98
83) tert-Butylbenzene	13.21	119	611850	51.74	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	686083	51.15	ug/l	99
85) sec-Butylbenzene	13.39	105	862773	51.97	ug/l	99
86) p-Isopropyltoluene	13.51	119	784285	52.54	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	385557	52.01	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	380632	51.67	ug/l	99
89) n-Butylbenzene	13.83	91	722940	51.38	ug/l	99
90) Hexachloroethane	14.10	117	135322	48.20	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	340941	51.80	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20261	42.12	ug/l	96

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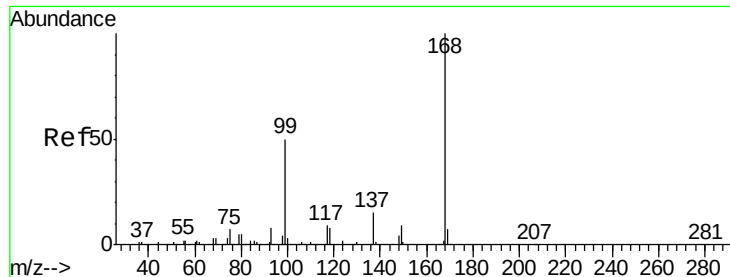
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Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	256180	50.20	ug/l	100
94) Hexachlorobutadiene	15.24	225	166735	52.35	ug/l	100
95) Naphthalene	15.38	128	409818	46.59	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	219399	49.65	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 289439

Ion Ratio Lower Upper

168 100

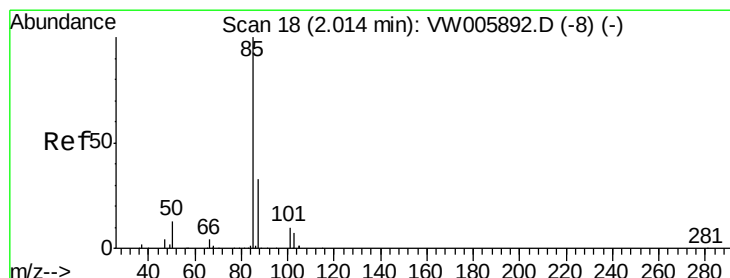
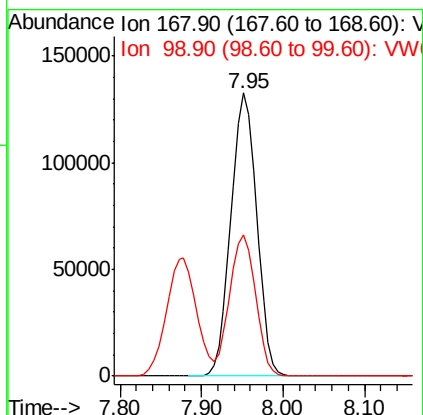
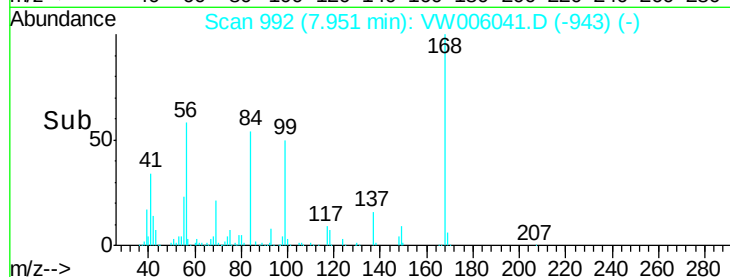
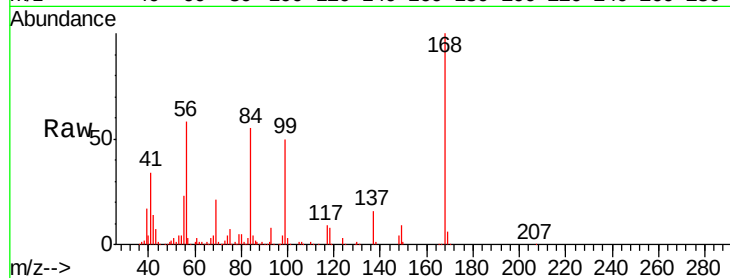
99 49.8 40.9 61.3

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#2

Dichlorodifluoromethane

Concen: 56.83 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW006041.D

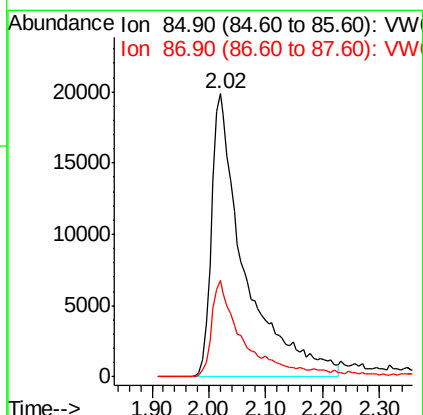
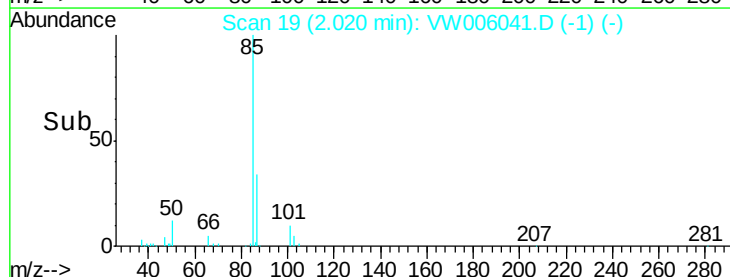
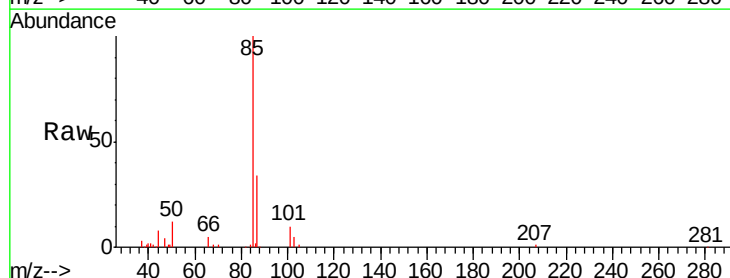
Acq: 12 Oct 2018 11:09

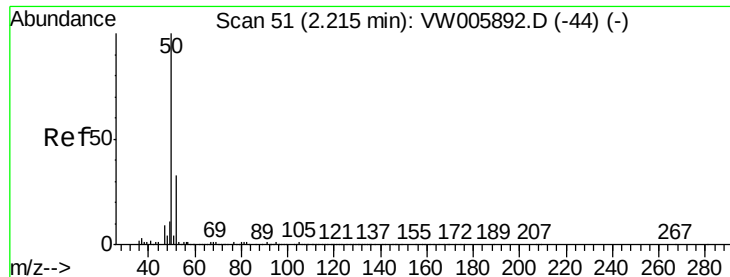
Tgt Ion: 85 Resp: 80602

Ion Ratio Lower Upper

85 100

87 33.9 16.6 49.8





#3

Chloromethane

Concen: 53.41 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 89114

Ion Ratio Lower Upper

50 100

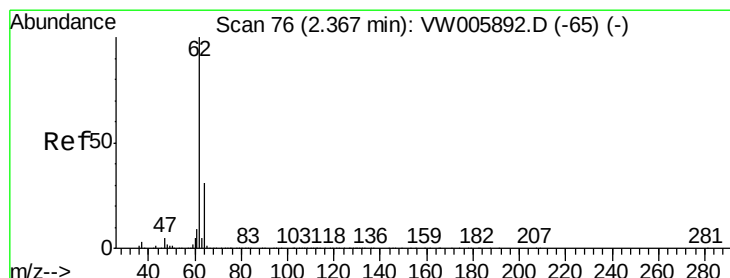
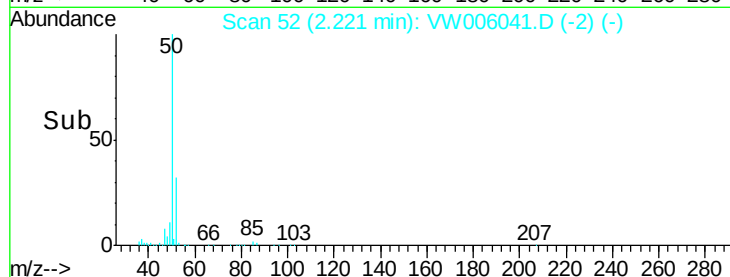
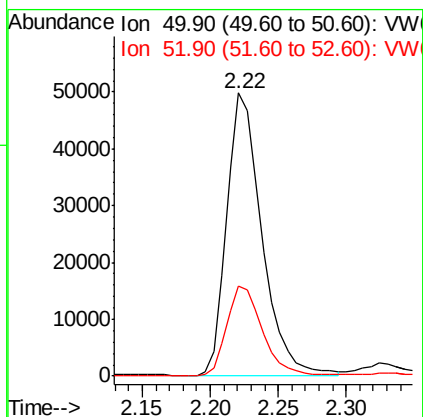
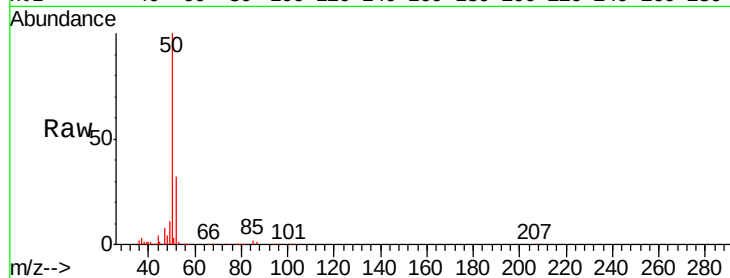
52 32.1 26.7 40.1

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#4

Vinyl Chloride

Concen: 53.45 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW006041.D

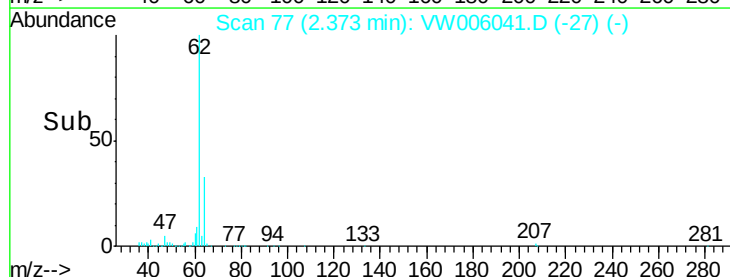
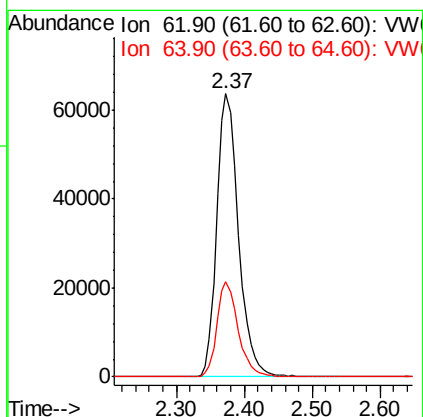
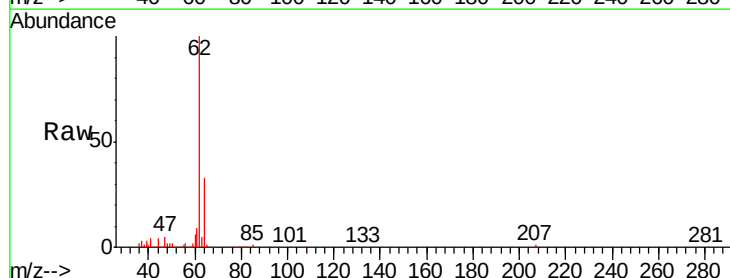
Acq: 12 Oct 2018 11:09

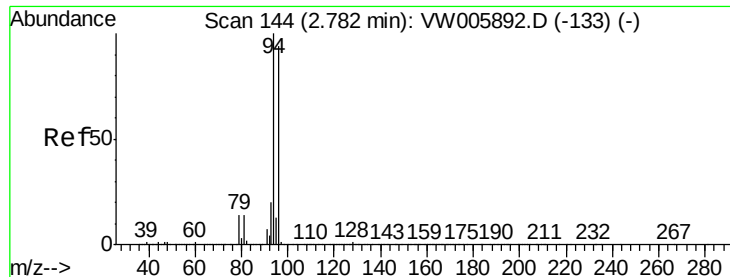
Tgt Ion: 62 Resp: 141565

Ion Ratio Lower Upper

62 100

64 33.5 24.6 36.8





#5

Bromomethane

Concen: 54.35 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 113609

Ion Ratio Lower Upper

94 100

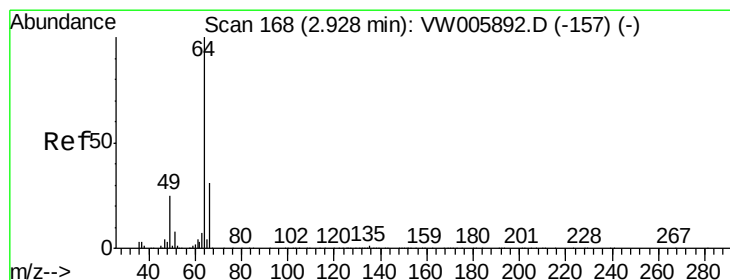
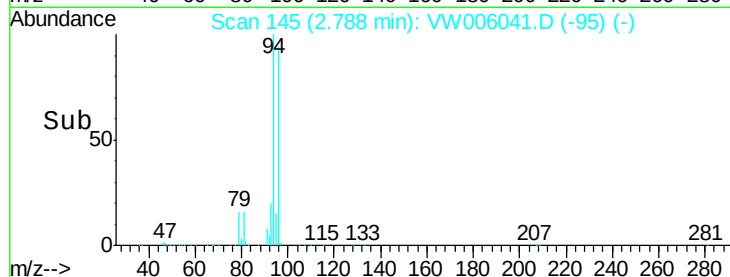
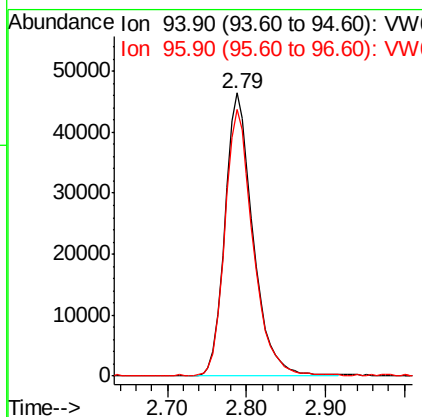
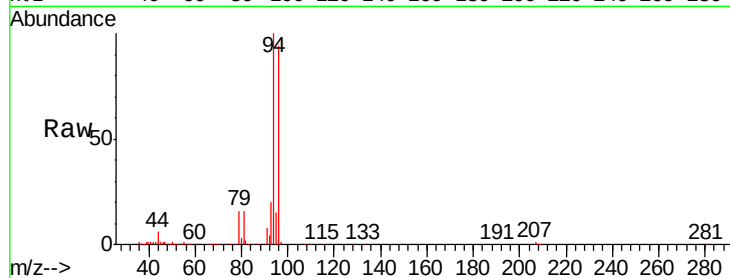
96 94.1 75.0 112.4

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#6

Chloroethane

Concen: 53.76 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW006041.D

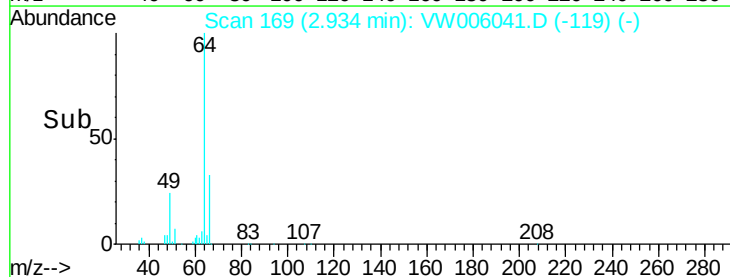
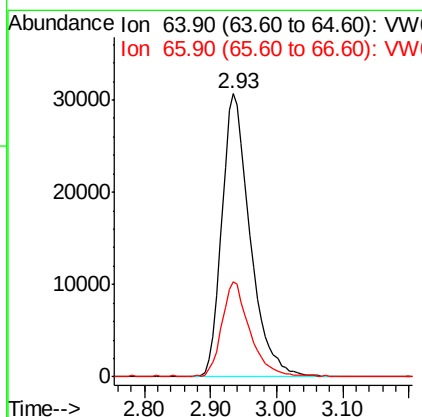
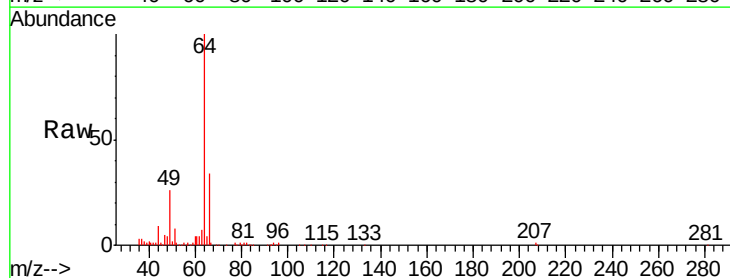
Acq: 12 Oct 2018 11:09

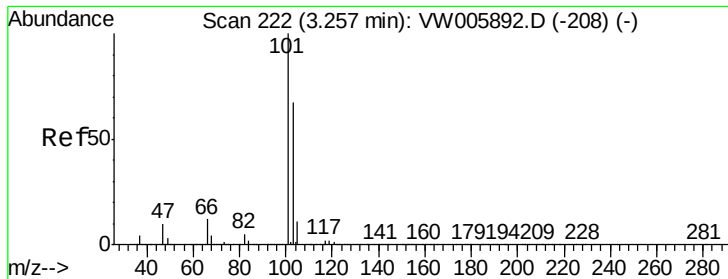
Tgt Ion: 64 Resp: 90725

Ion Ratio Lower Upper

64 100

66 33.4 25.0 37.4





#7

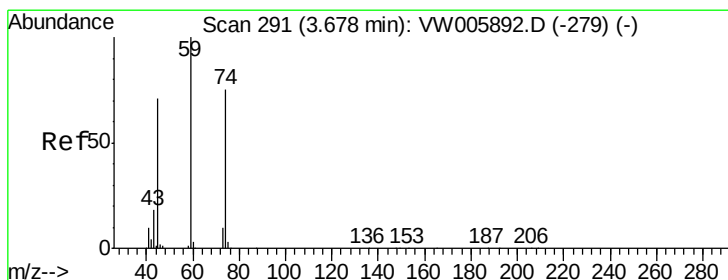
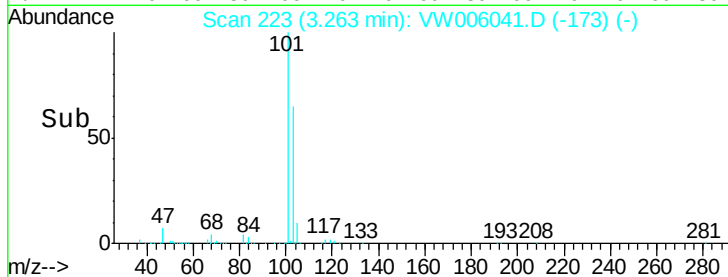
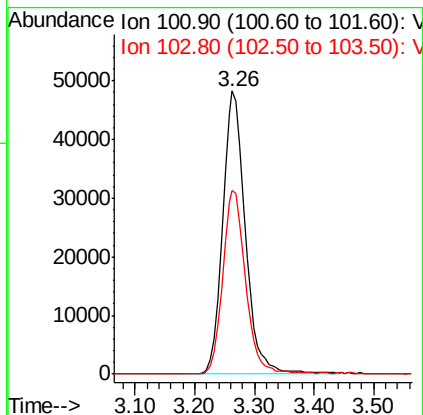
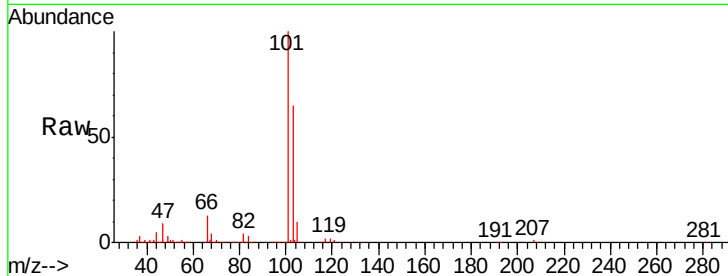
Trichlorofluoromethane
Concen: 60.70 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.0	53.5	80.3

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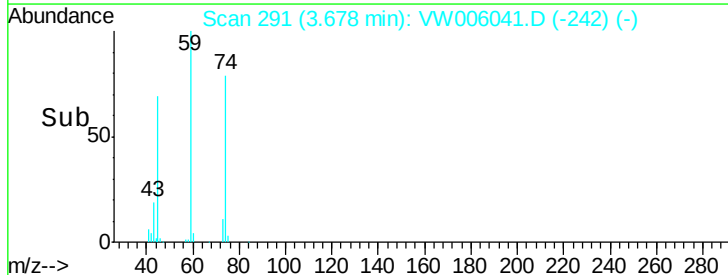
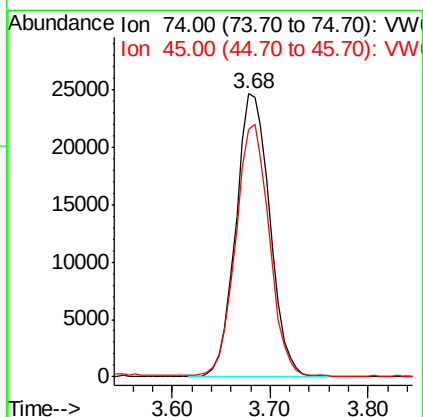
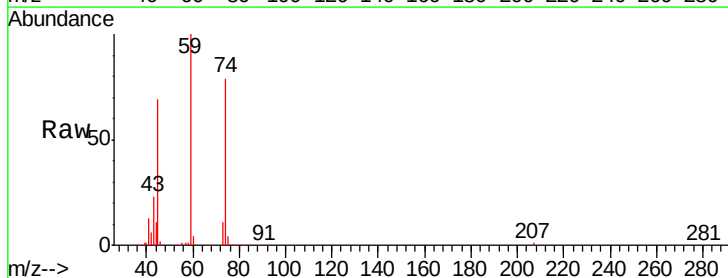
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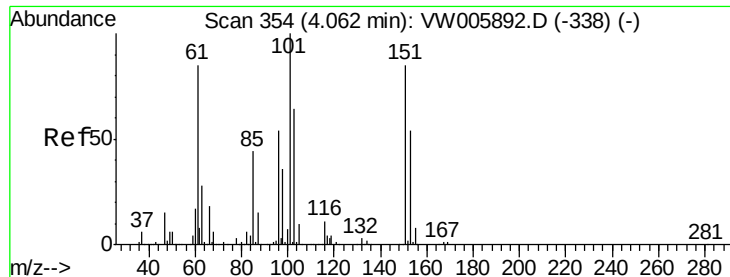


#8

Diethyl Ether
Concen: 45.84 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.5	46.8	140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.04 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

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MSVOA_W

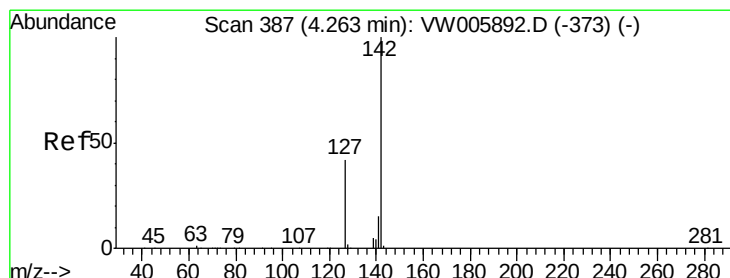
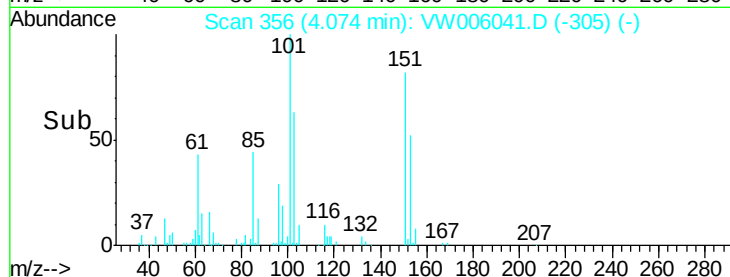
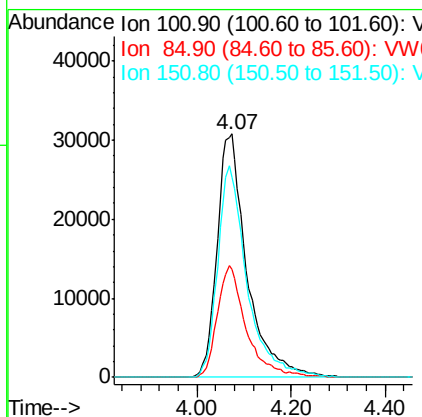
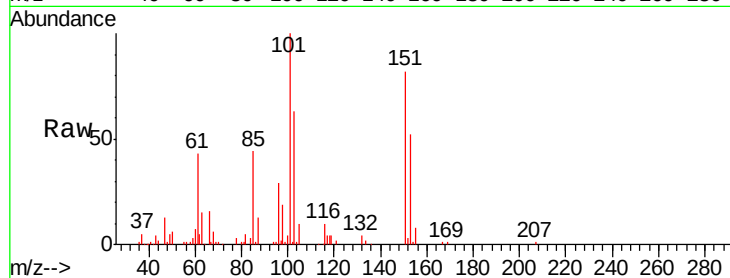
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	135431
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.1	52.7
151	85.3	67.7	101.5

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#10

Methyl Iodide

Concen: 50.71 ug/l

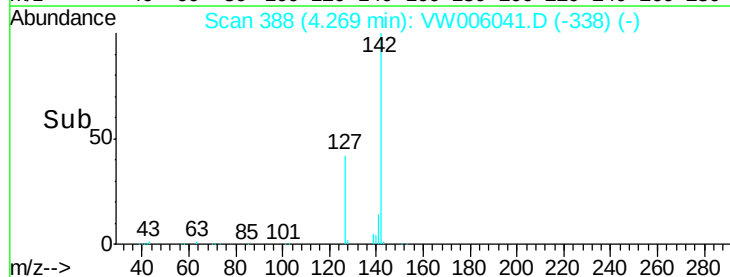
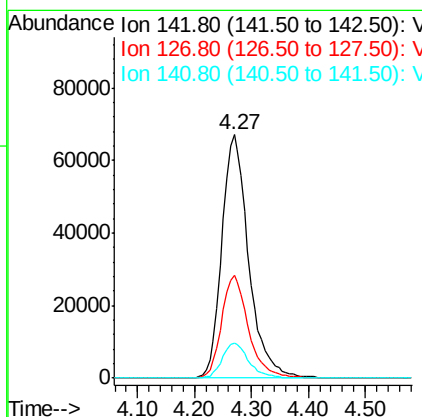
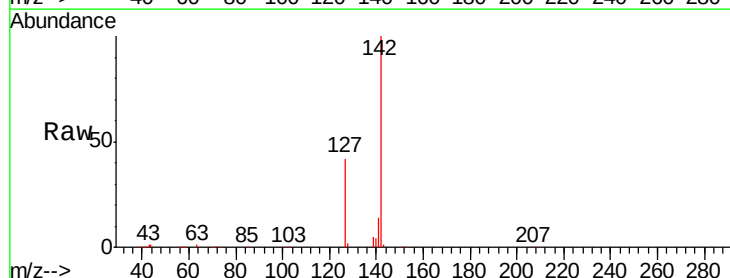
RT: 4.27 min Scan# 388

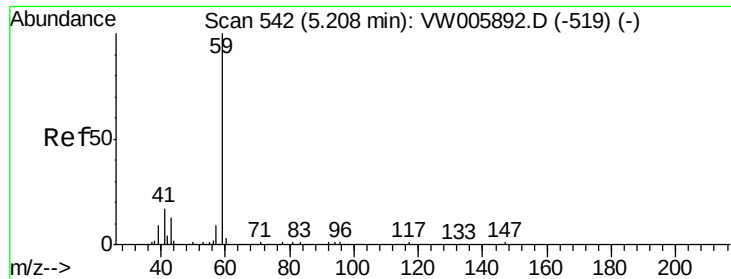
Delta R.T. 0.01 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

Tgt Ion:	142	Resp:	220026
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.7	50.5
141	14.3	11.5	17.3





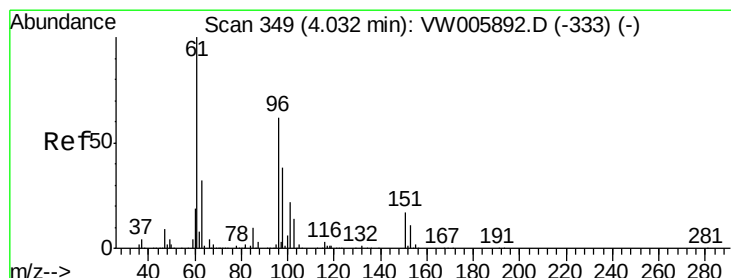
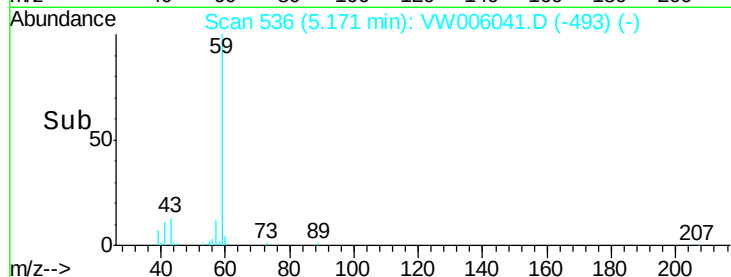
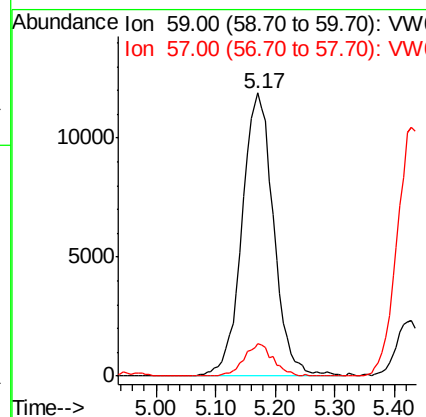
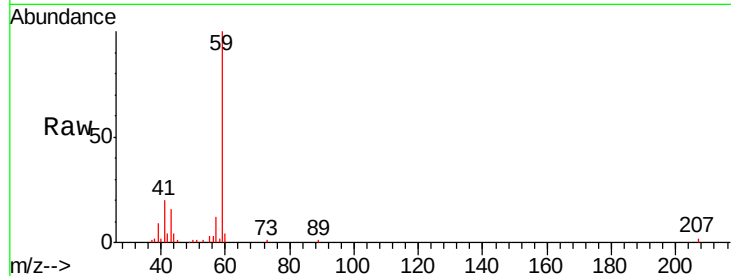
#11
Tert butyl alcohol
Concen: 212.92 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.04 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.5	7.7	11.5

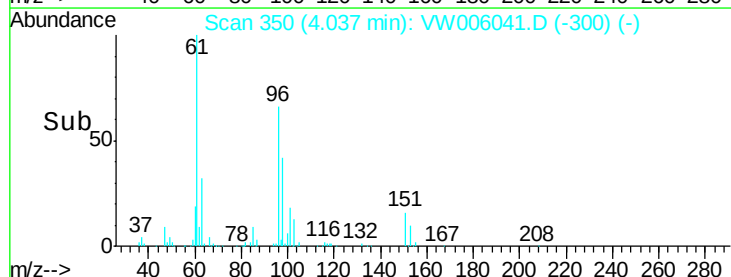
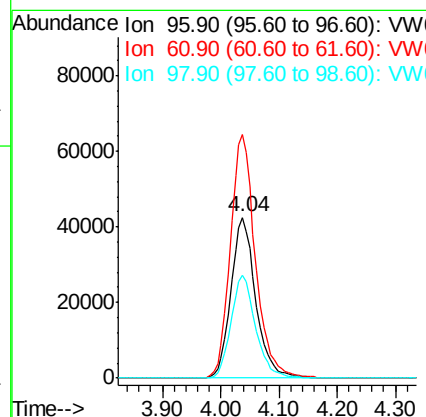
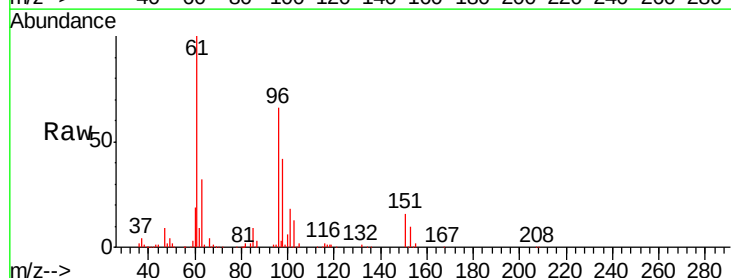
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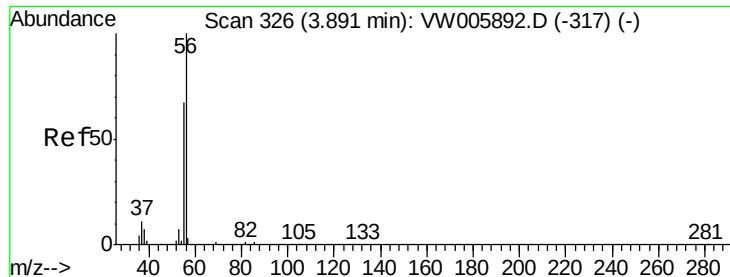
apatel
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#12
1,1-Dichloroethene
Concen: 49.38 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.4	128.6	193.0
98	63.6	49.4	74.0





#13

Acrolein

Concen: 249.90 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 45858

Ion Ratio Lower Upper

56 100

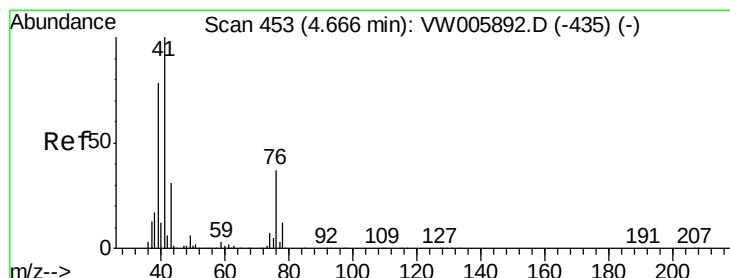
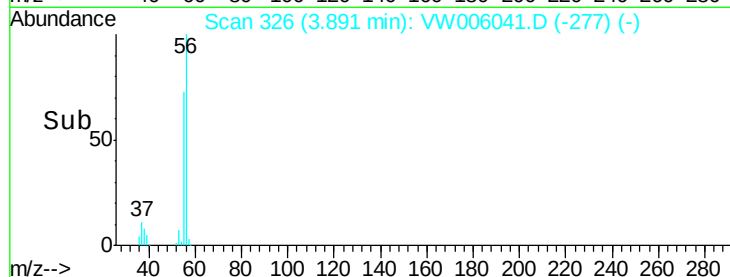
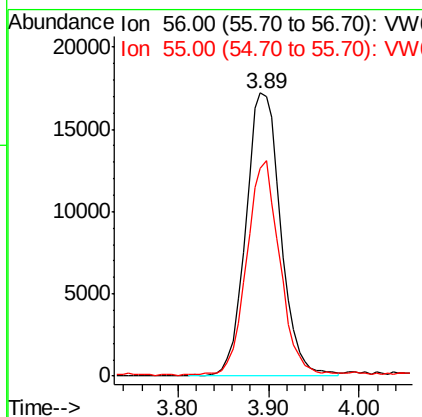
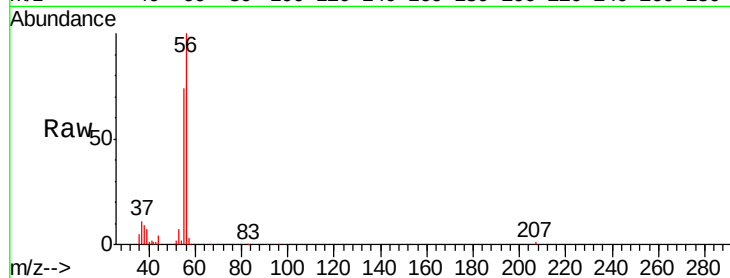
55 72.0 54.6 82.0

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#14

Allyl chloride

Concen: 41.48 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

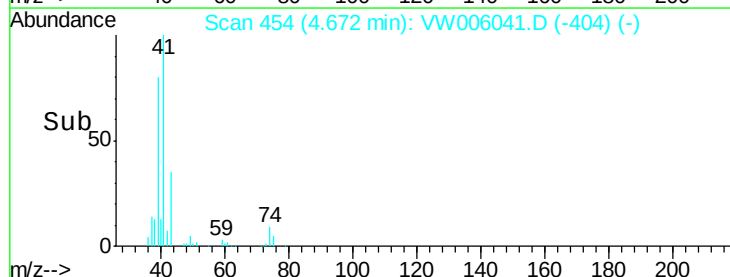
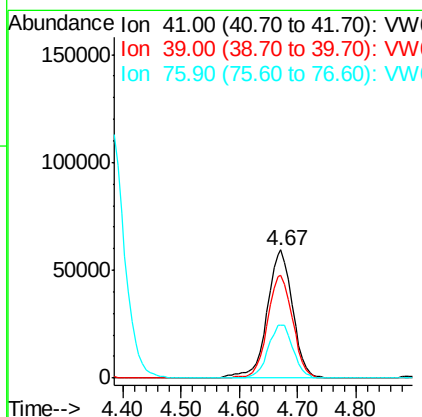
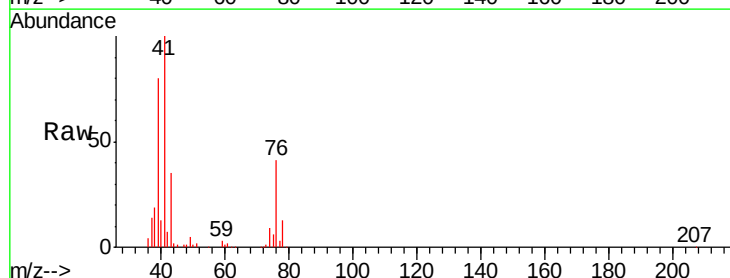
Tgt Ion: 41 Resp: 180254

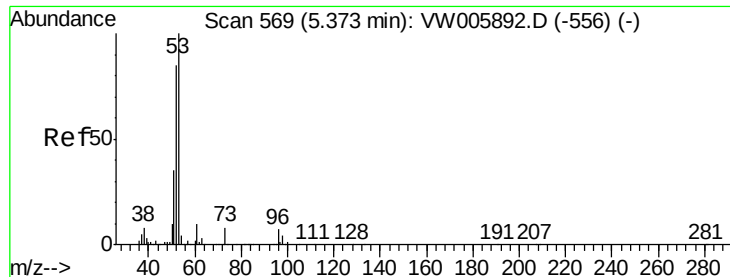
Ion Ratio Lower Upper

41 100

39 78.8 60.8 91.2

76 40.4 29.6 44.4





#15

Acrylonitrile

Concen: 208.91 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

Instrument :

MSVOA_W

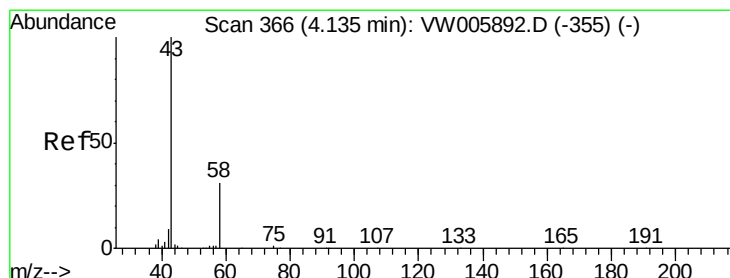
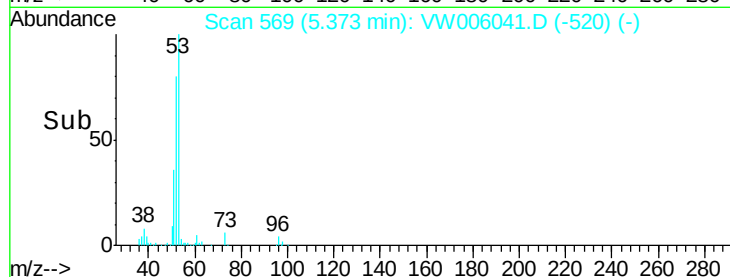
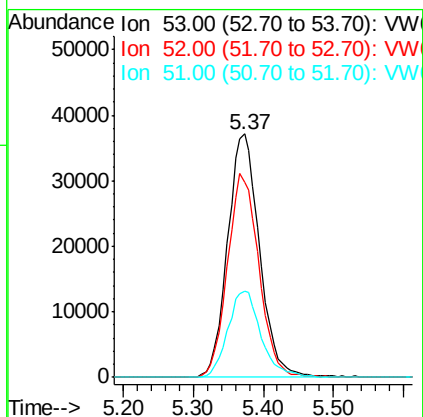
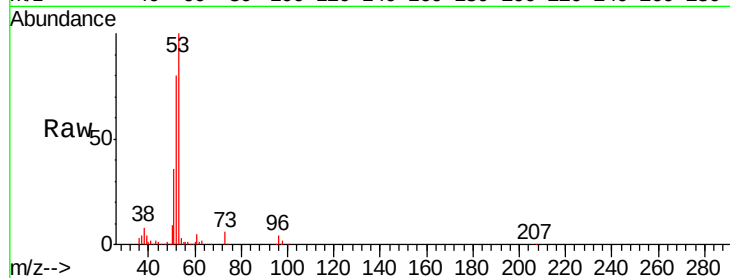
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	117641
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.8	100.2
51	37.0	29.8	44.6

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#16

Acetone

Concen: 228.20 ug/l

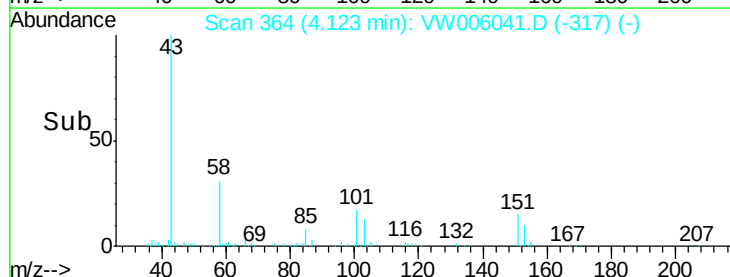
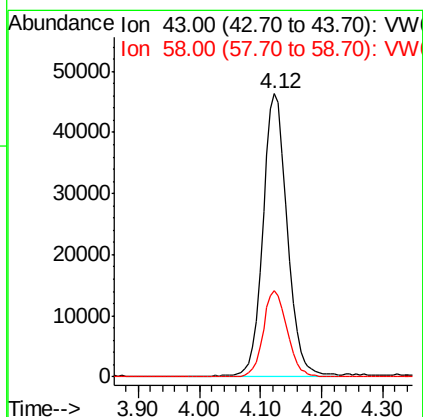
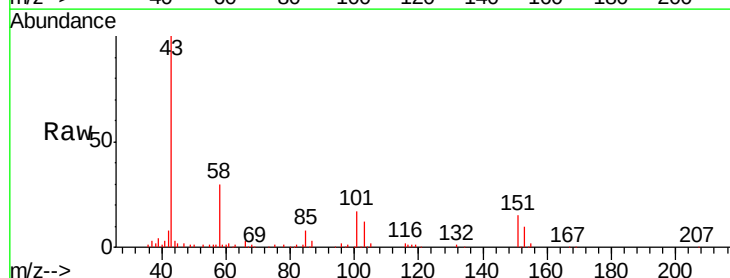
RT: 4.12 min Scan# 364

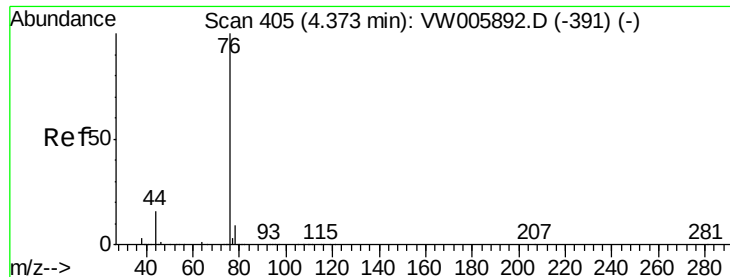
Delta R.T. -0.01 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

Tgt Ion:	43	Resp:	128074
Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.7	37.1





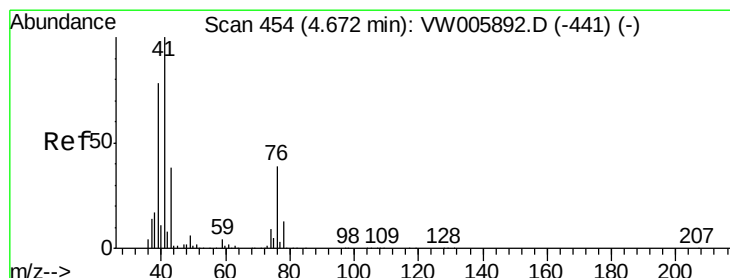
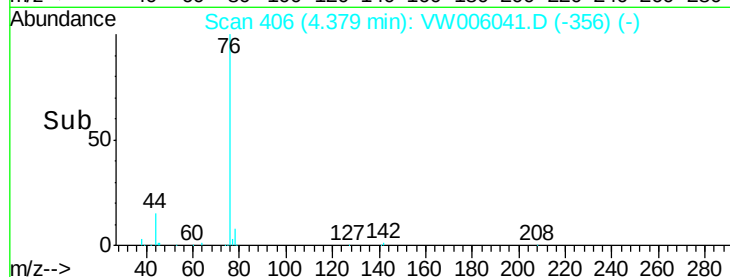
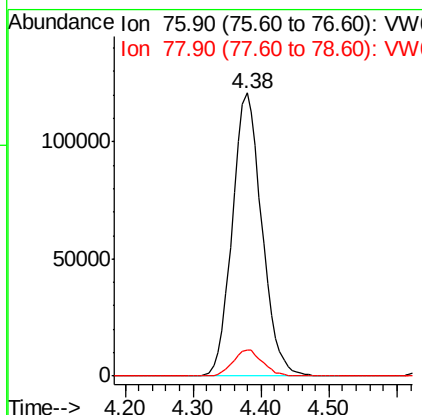
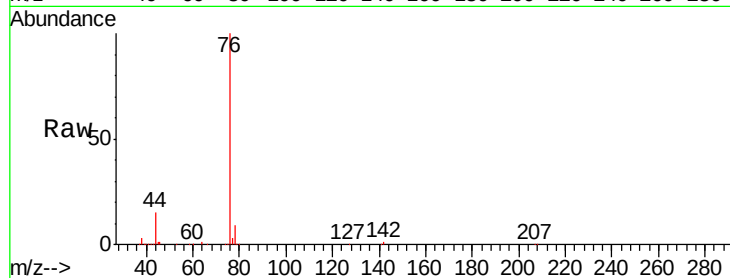
#17
Carbon Disulfide
Concen: 47.38 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

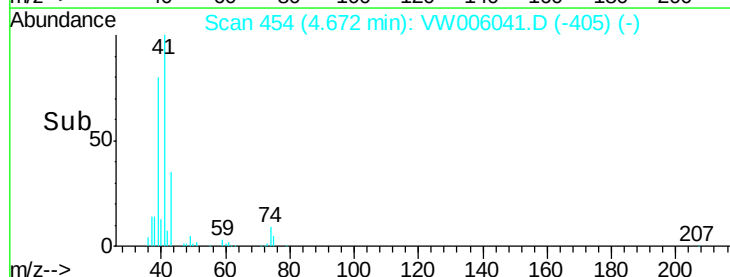
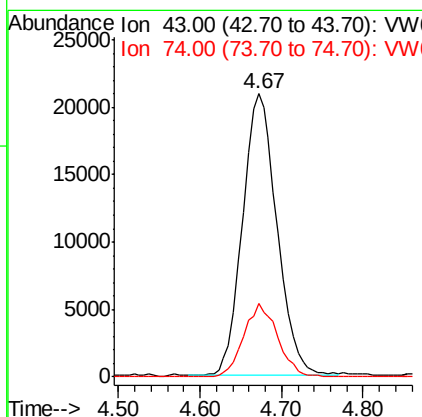
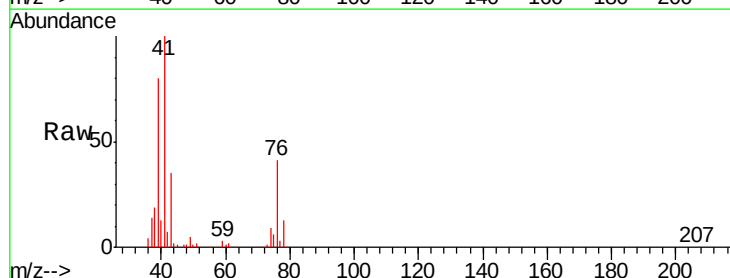
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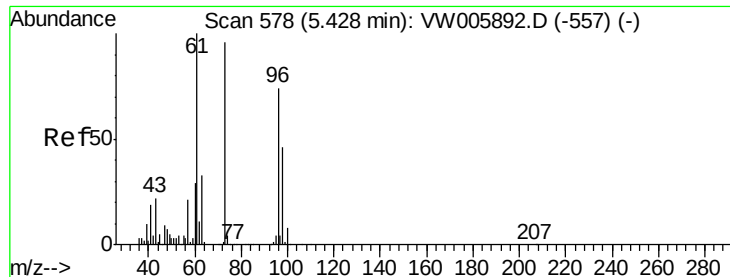
apatel
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#18
Methyl Acetate
Concen: 43.12 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	19.2	28.8





#19

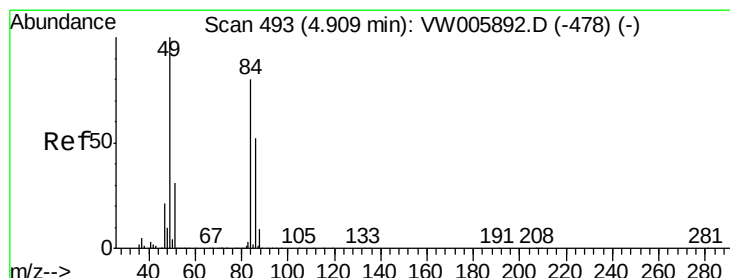
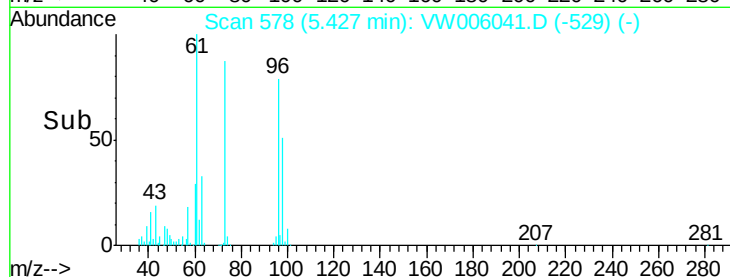
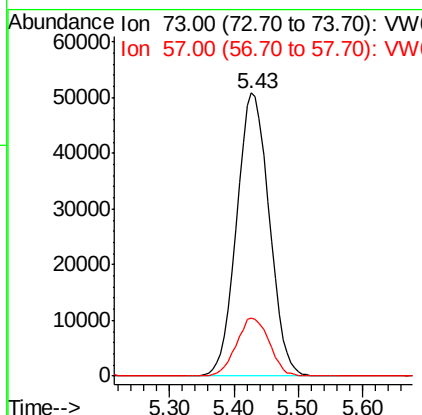
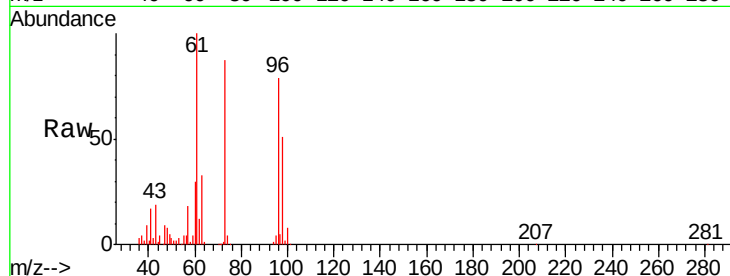
Methyl tert-butyl Ether
 Concen: 44.85 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
73	100		
57	20.6	17.7	26.5

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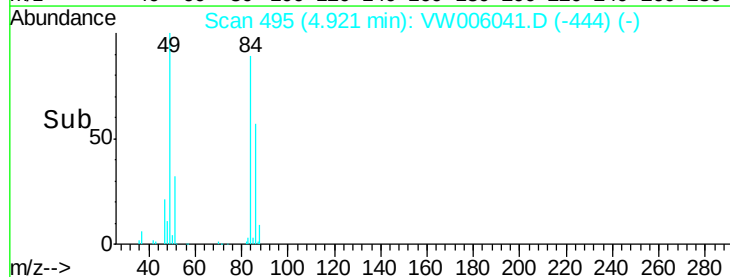
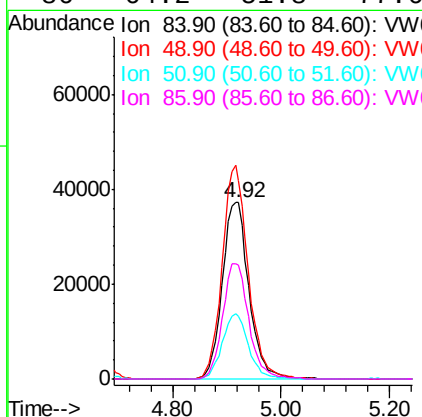
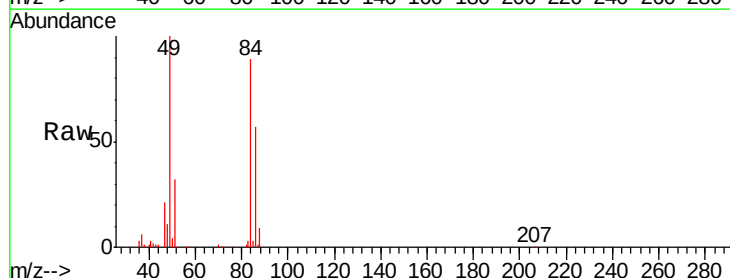
apatel
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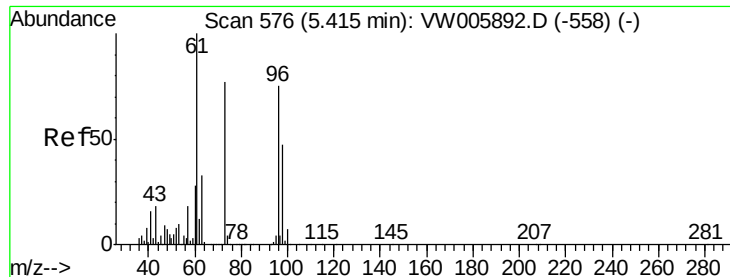


#20

Methylene Chloride
 Concen: 45.13 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.1	99.9	149.9
51	35.4	31.1	46.7
86	64.2	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 48.78 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

Instrument :

MSVOA_W

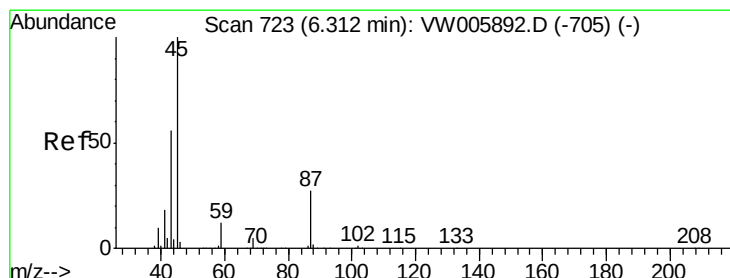
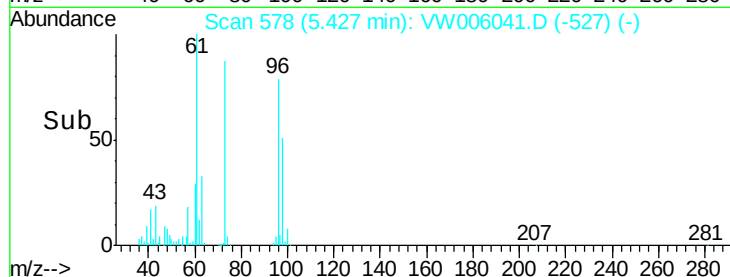
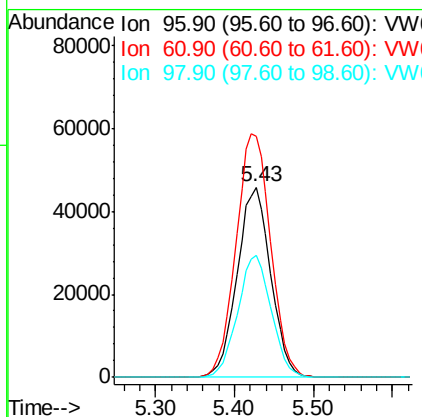
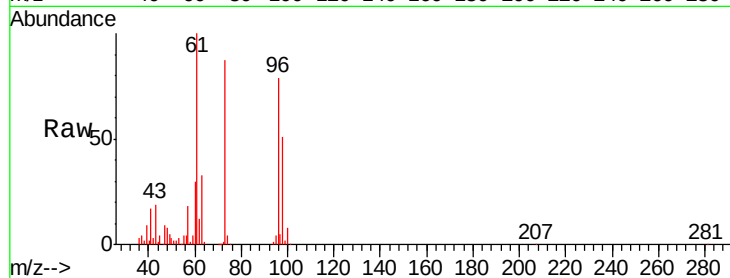
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	135454
Ion	Ratio	Lower	Upper
96	100		
61	126.9	107.4	161.0
98	64.1	50.8	76.2

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#22

Diisopropyl ether

Concen: 44.00 ug/l

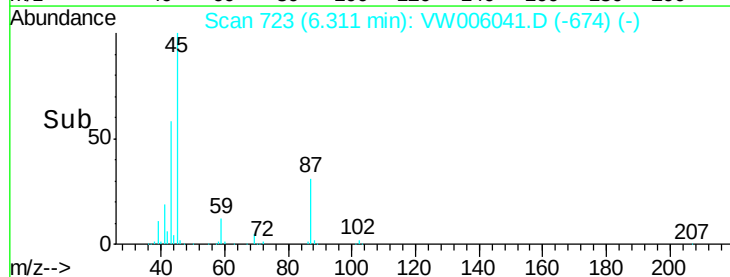
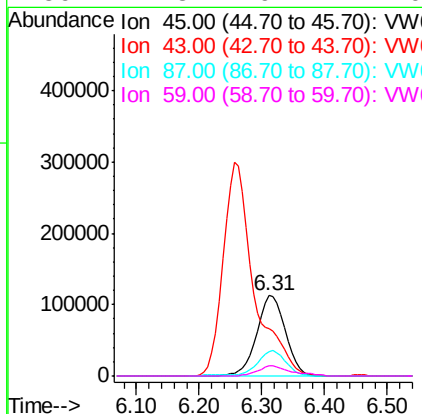
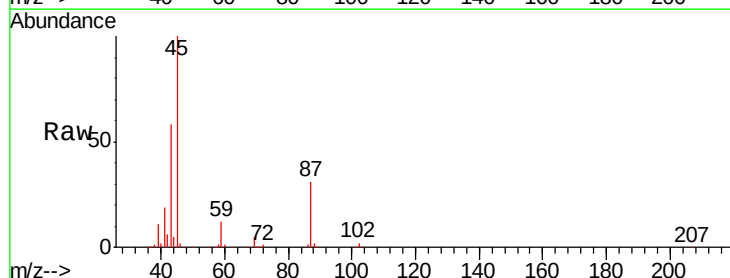
RT: 6.31 min Scan# 723

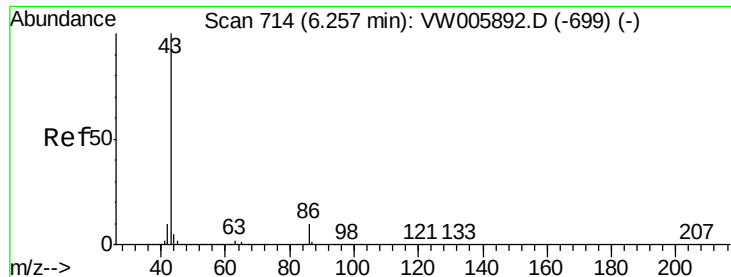
Delta R.T. -0.00 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

Tgt Ion:	45	Resp:	357382
Ion	Ratio	Lower	Upper
45	100		
43	58.2	45.9	68.9
87	30.5	22.2	33.4
59	12.3	9.4	14.0





#23

Vinyl Acetate

Concen: 203.11 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1015397

Ion Ratio Lower Upper

43 100

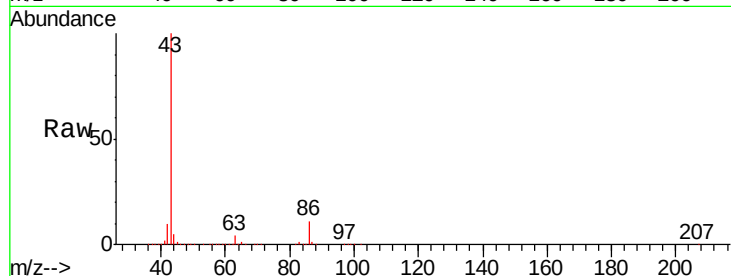
86 11.4 8.2 12.4

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

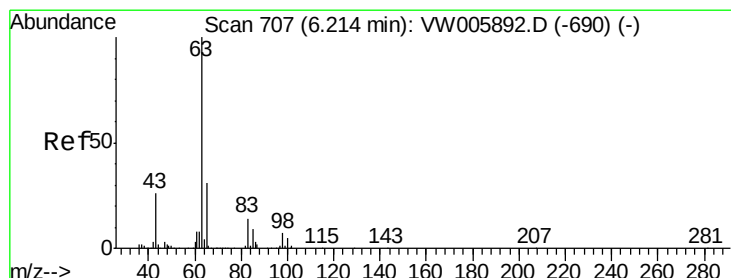
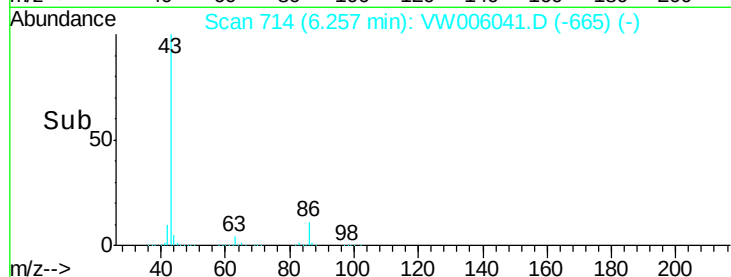
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.06 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

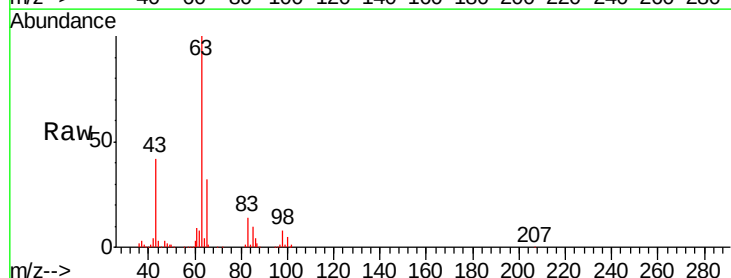
Tgt Ion: 63 Resp: 228930

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.6

100 4.8 2.4 7.1



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

6.22

100000

80000

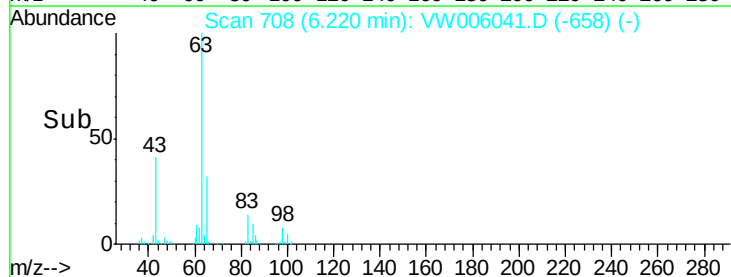
60000

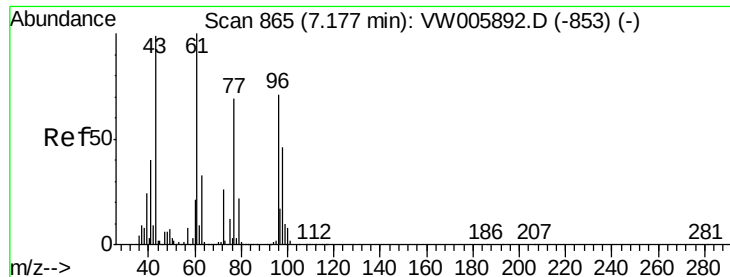
40000

20000

0

Time-->





#25

2-Butanone

Concen: 203.80 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 162684

Ion Ratio Lower Upper

43 100

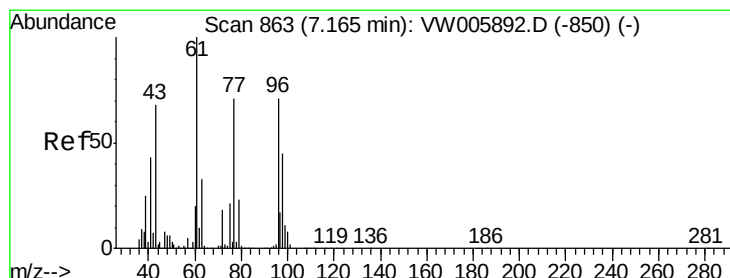
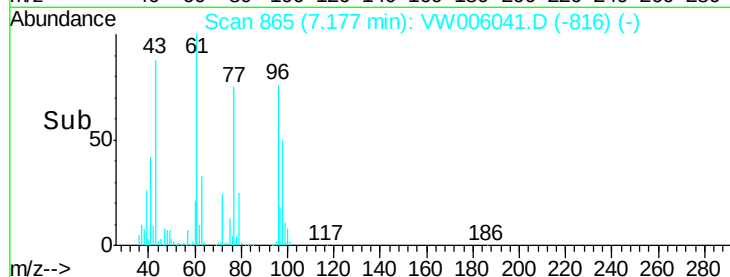
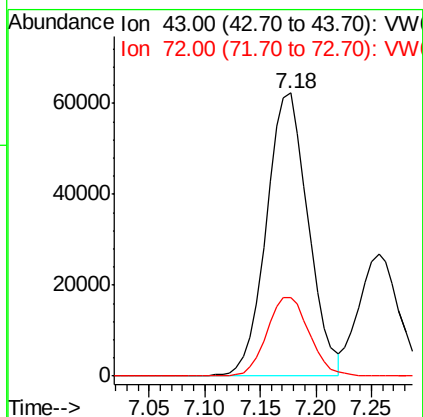
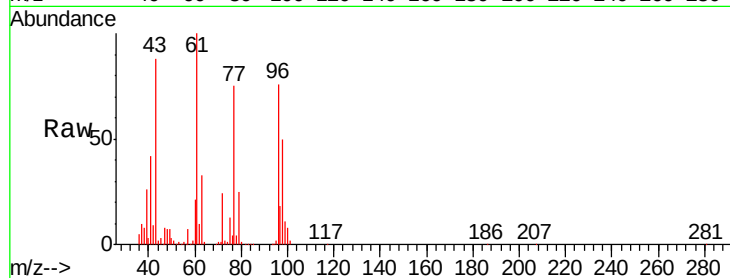
72 27.7 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 47.96 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW006041.D

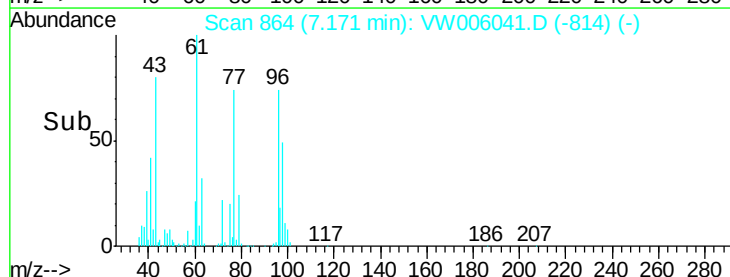
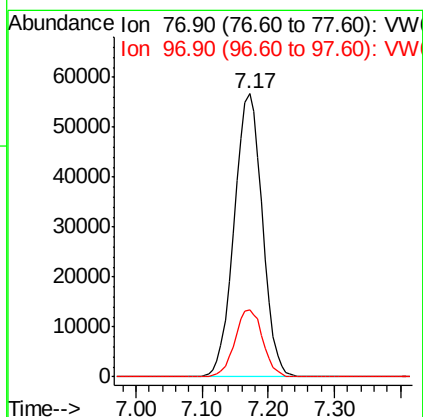
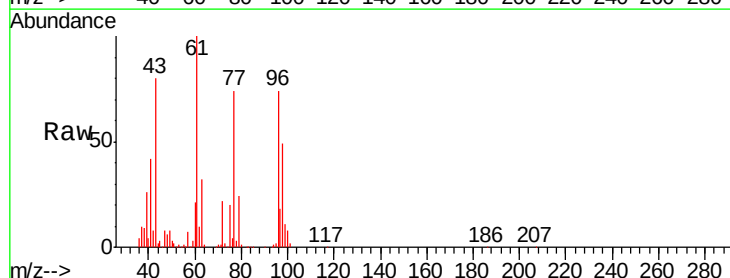
Acq: 12 Oct 2018 11:09

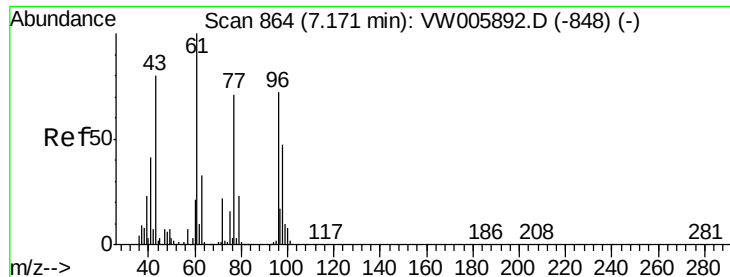
Tgt Ion: 77 Resp: 167762

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 48.12 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

Instrument :

MSVOA_W

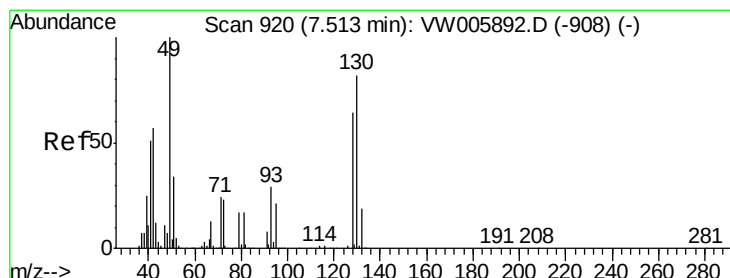
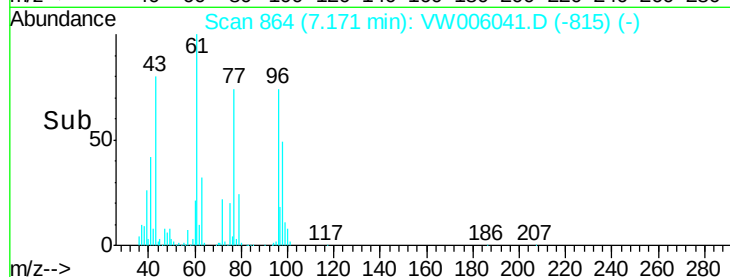
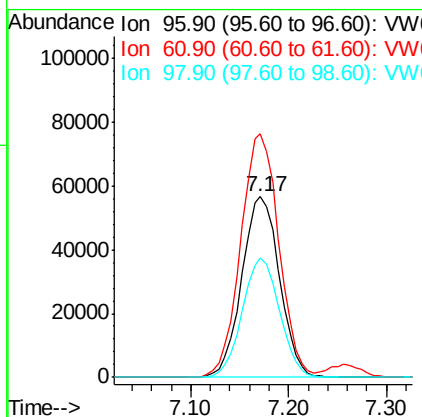
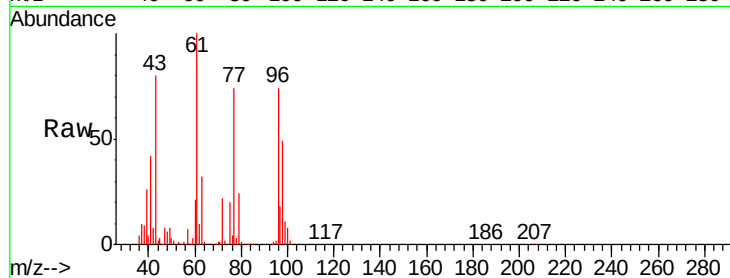
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	151119
Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	284.0
98	65.5	0.0	129.8

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#28

Bromochloromethane

Concen: 49.22 ug/l

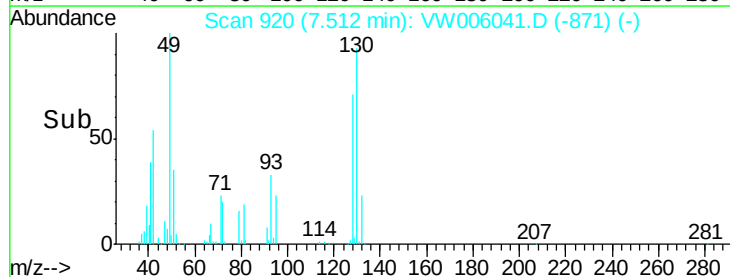
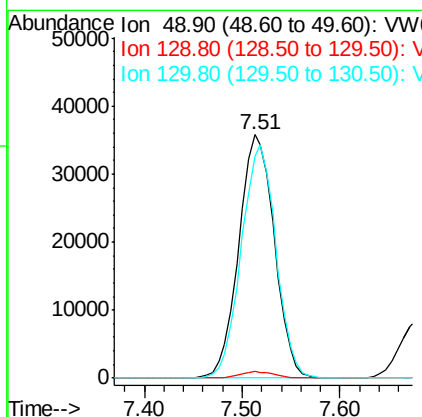
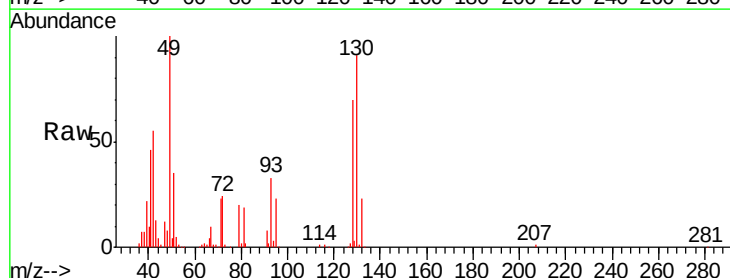
RT: 7.51 min Scan# 920

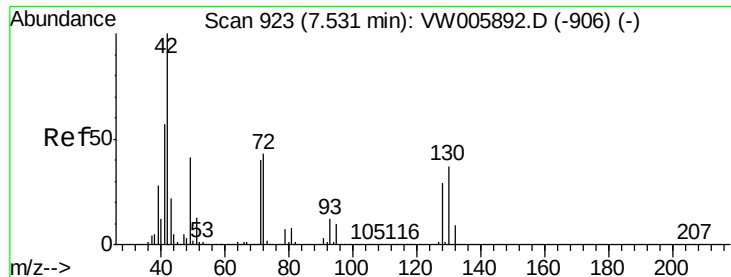
Delta R.T. -0.00 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

Tgt Ion:	49	Resp:	90313
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	93.5	66.9	100.3





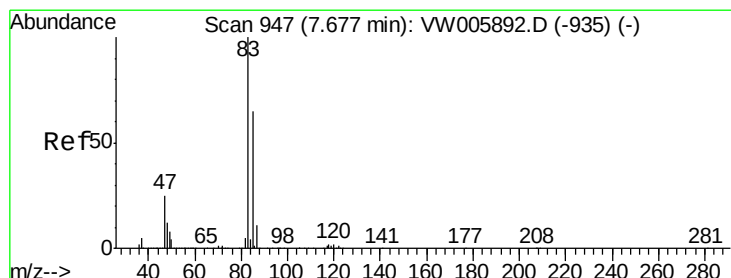
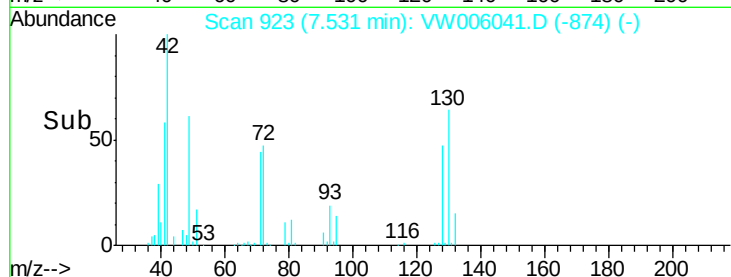
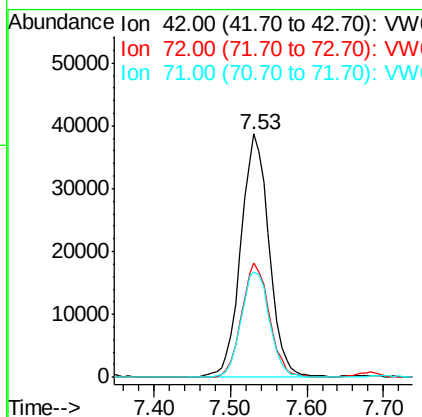
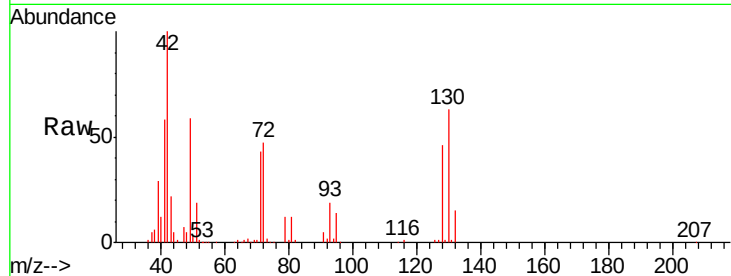
#29
Tetrahydrofuran
Concen: 197.47 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.9	34.6	51.8
71	43.8	32.6	49.0

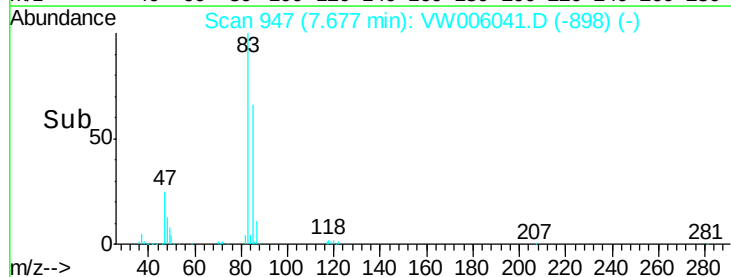
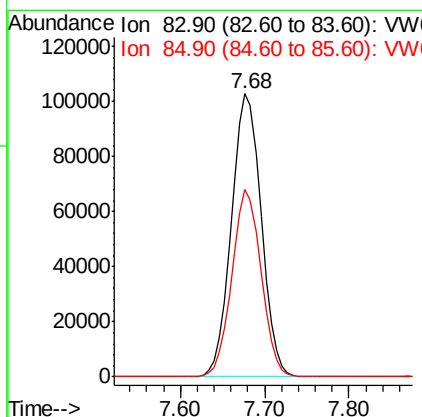
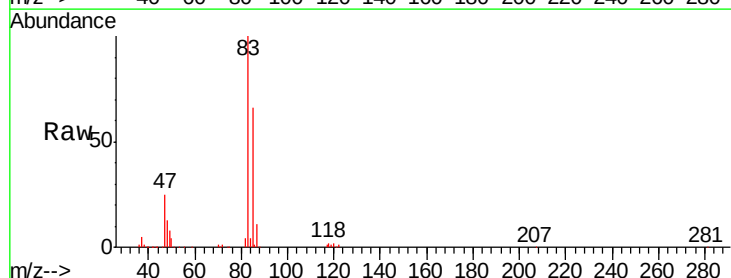
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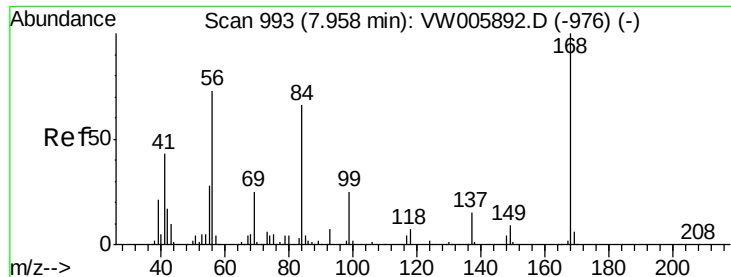
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#30
Chloroform
Concen: 48.15 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.6	77.4





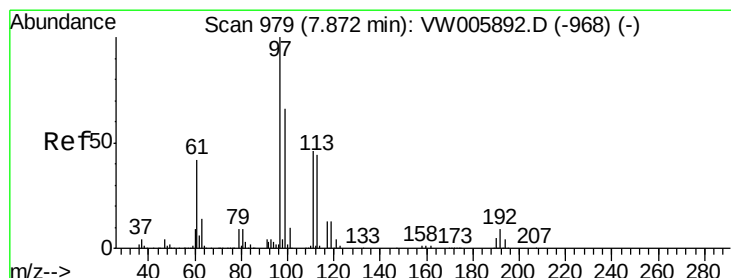
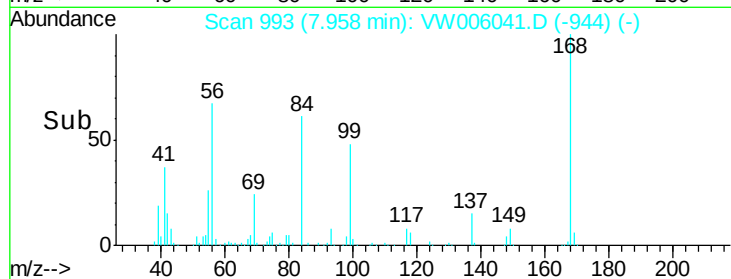
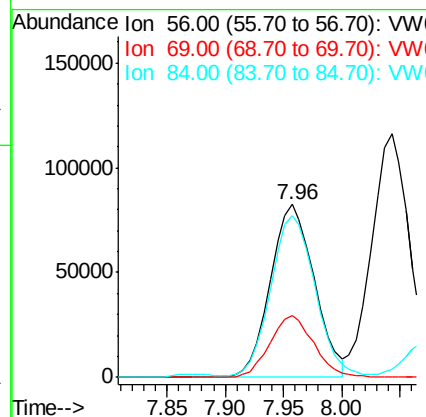
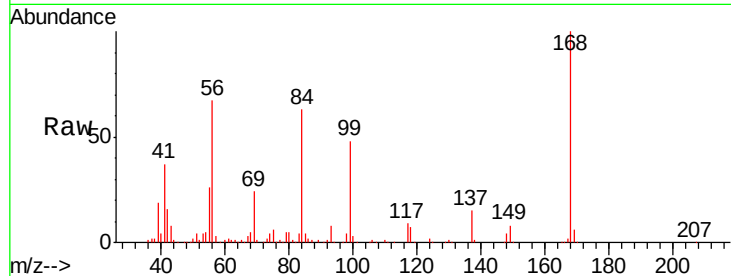
#31
Cyclohexane
Concen: 43.93 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	35.6	27.9	41.9
84	91.8	72.3	108.5

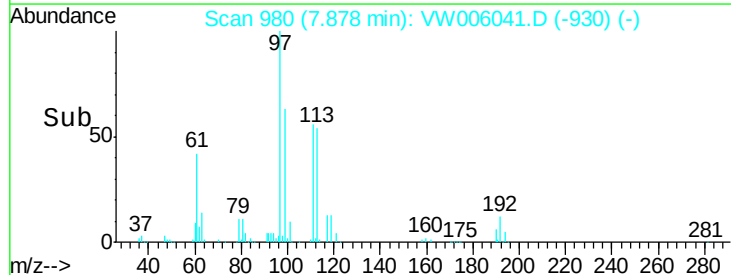
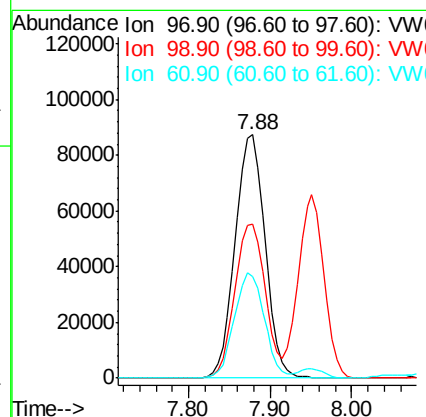
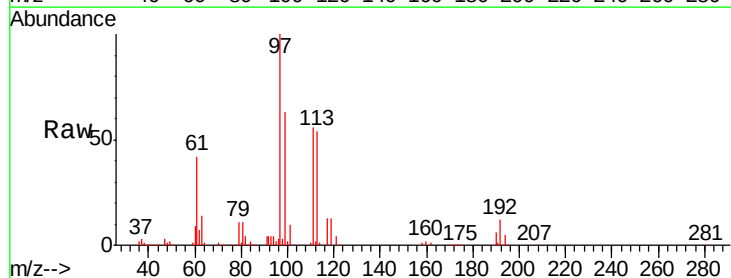
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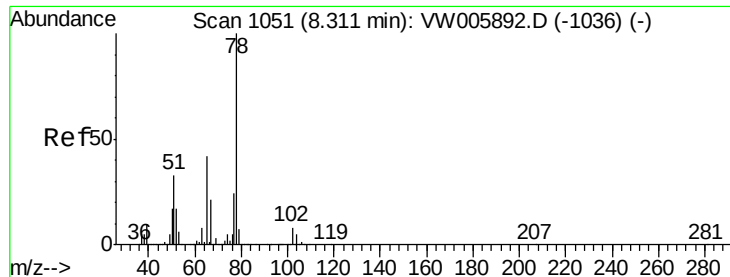
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#32
1,1,1-Trichloroethane
Concen: 48.84 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	43.4	34.5	51.7





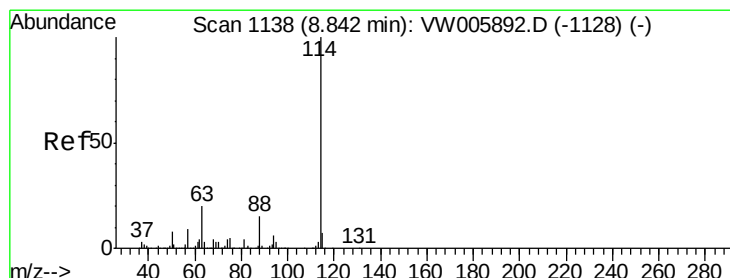
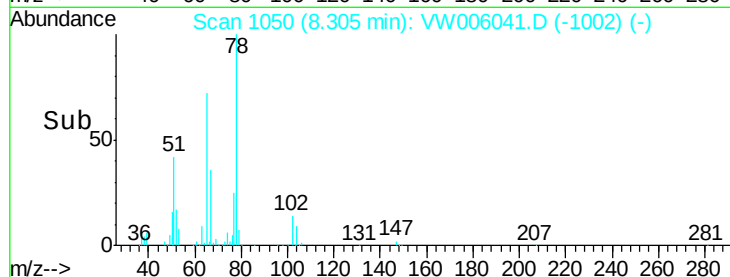
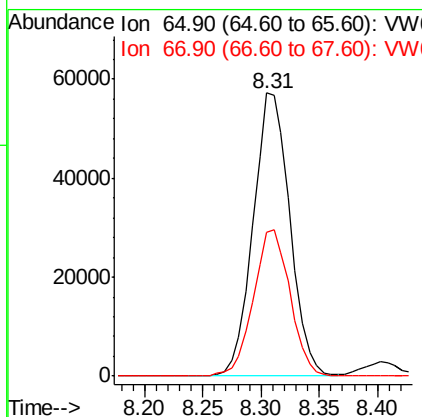
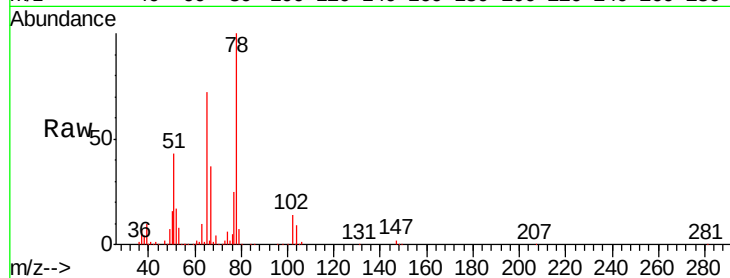
#33
 1,2-Dichloroethane-d4
 Concen: 44.81 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	125918		
67	51.8	0.0	104.6	

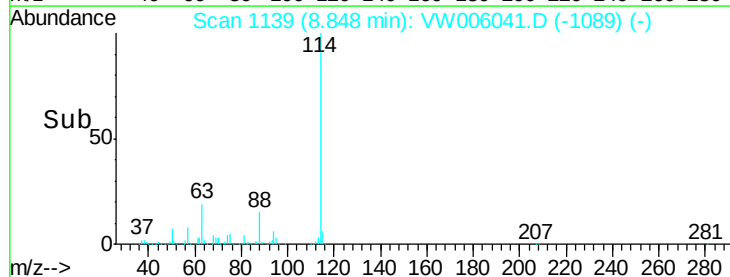
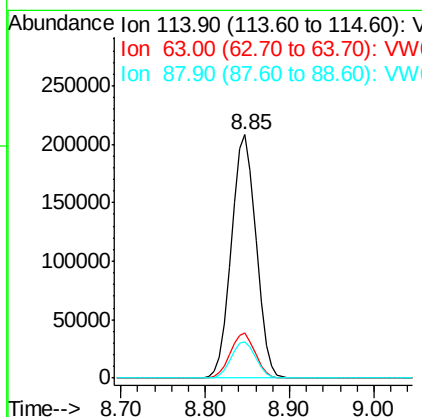
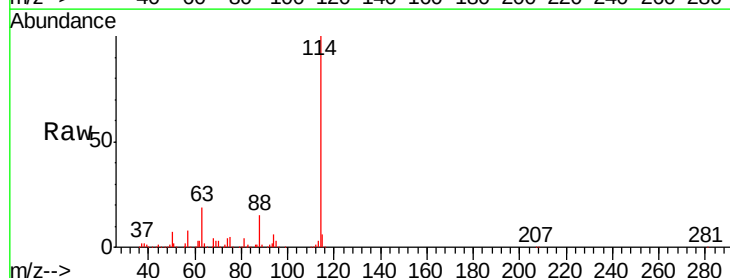
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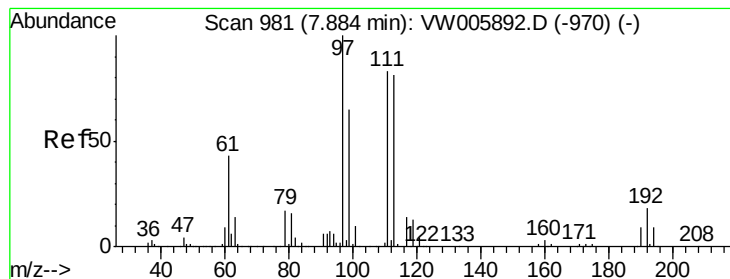
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	411366		
63	18.6	0.0	39.2	
88	15.1	0.0	30.8	





#35

Dibromofluoromethane

Concen: 49.62 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

Instrument :

MSVOA_W

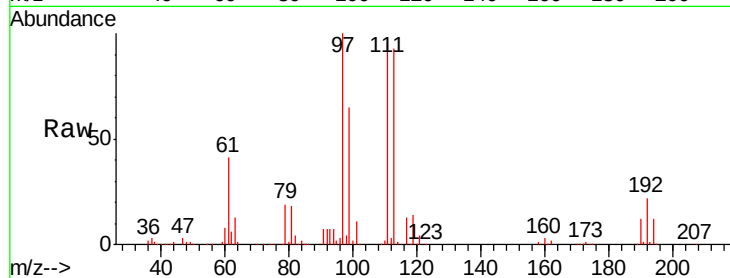
ClientSampleId :

VSTDCCC050

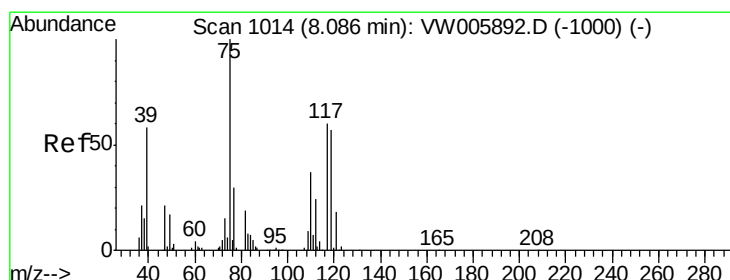
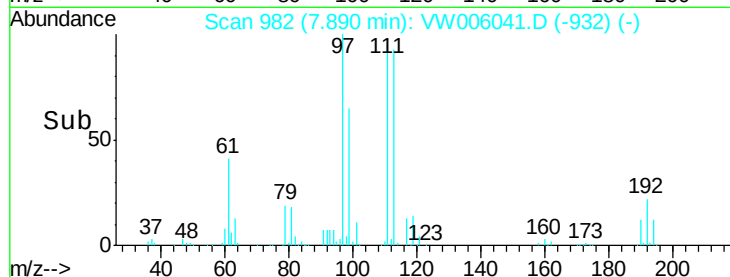
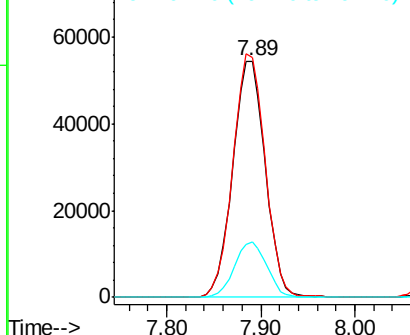
Tgt Ion:	113	Resp:	130325
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.0	123.0
192	23.1	18.3	27.5

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.81 ug/l

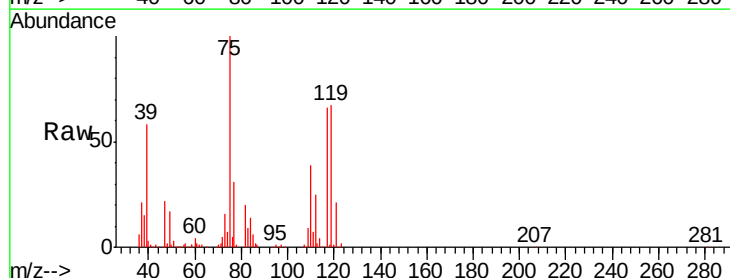
RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

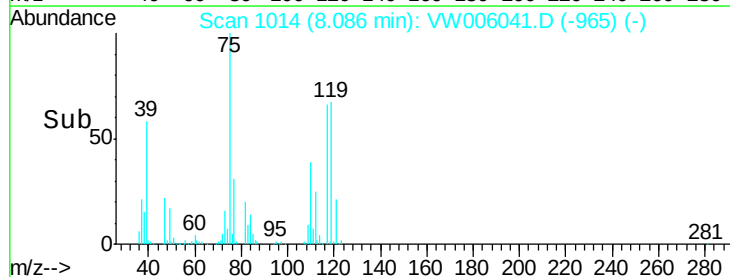
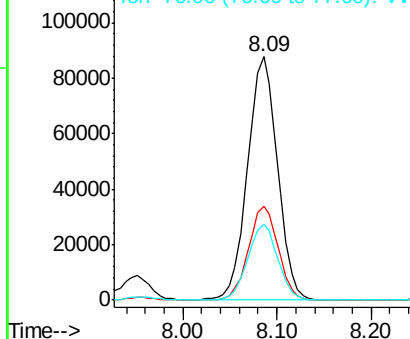
Lab File: VW006041.D

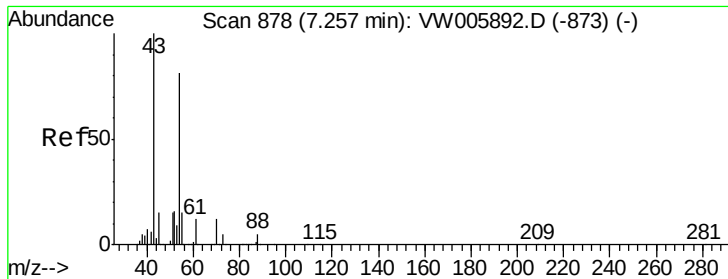
Acq: 12 Oct 2018 11:09

Tgt Ion:	75	Resp:	196320
Ion Ratio	Lower	Upper	
75	100		
110	38.2	18.6	56.0
77	31.5	24.7	37.1



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





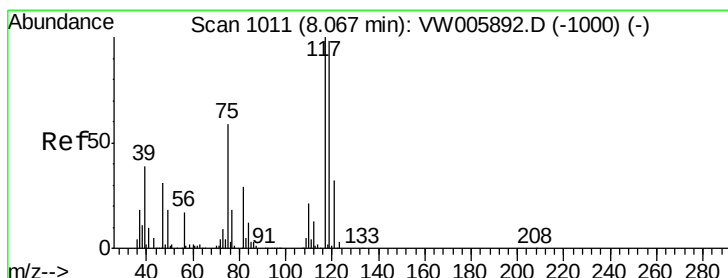
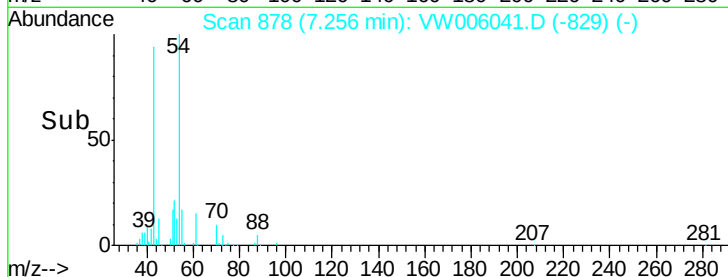
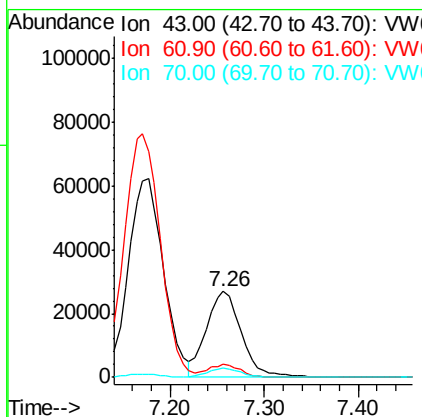
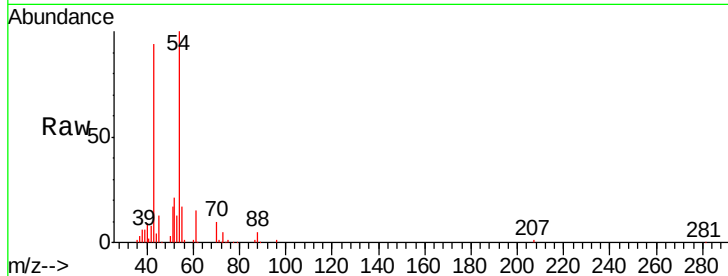
#37
Ethyl Acetate
Concen: 41.19 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.6	16.0
70	10.7	8.6	13.0

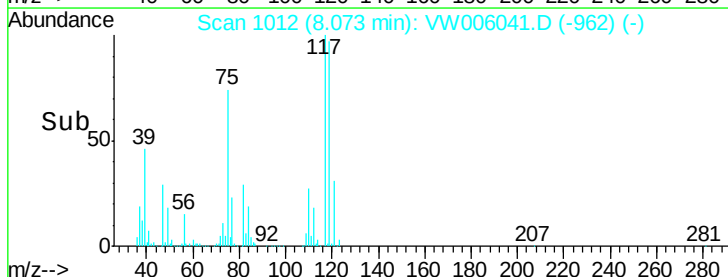
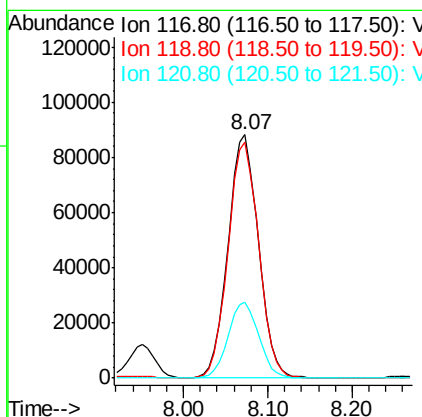
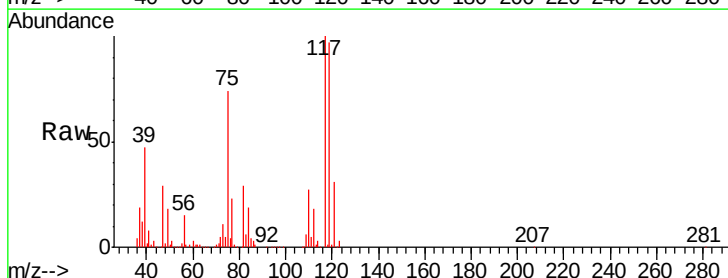
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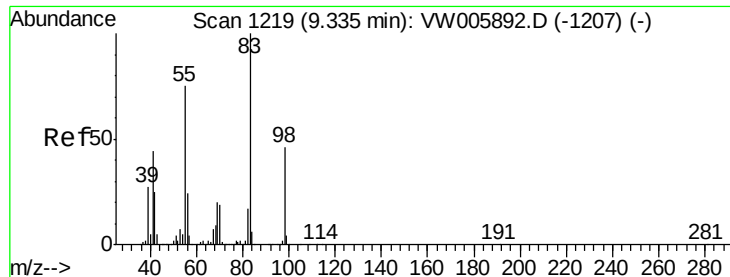
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#38
Carbon Tetrachloride
Concen: 51.06 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.6	117.8
121	30.9	25.3	37.9





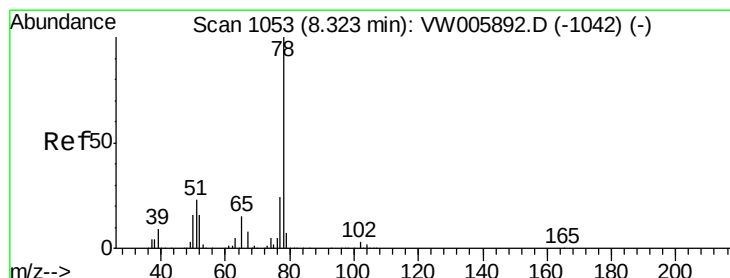
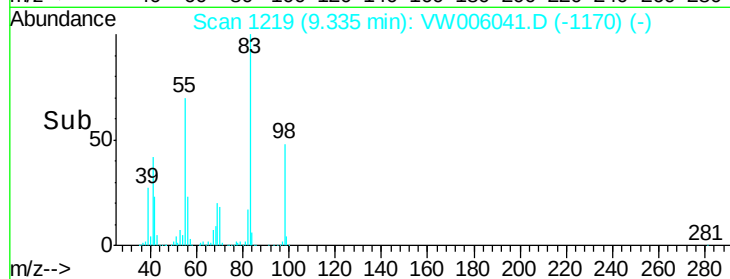
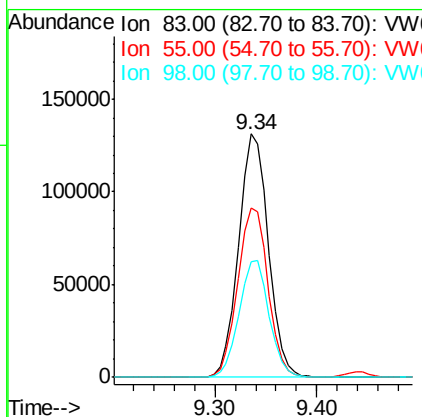
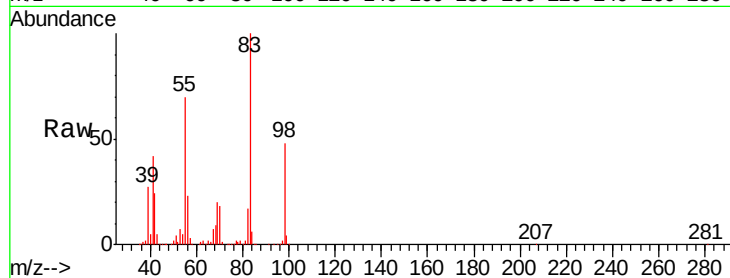
#39
Methylcyclohexane
Concen: 51.07 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	265495		
55	69.7	59.8	89.6	
98	47.6	37.1	55.7	

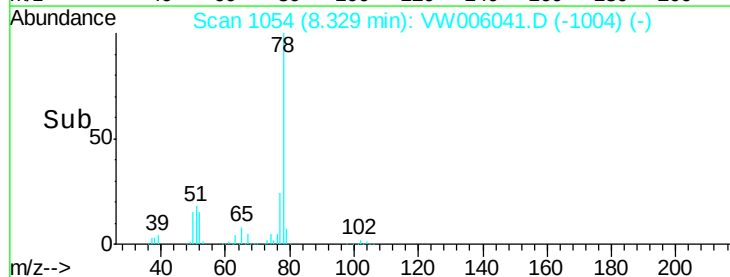
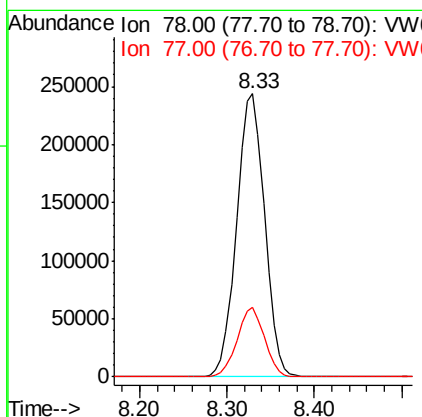
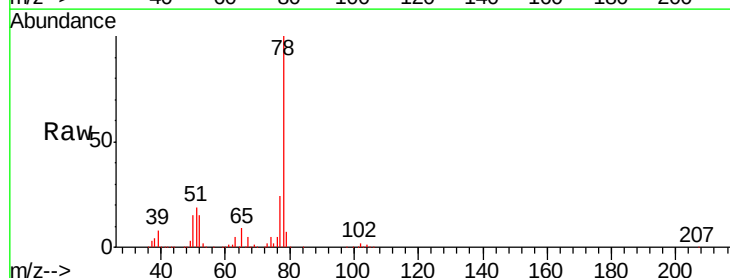
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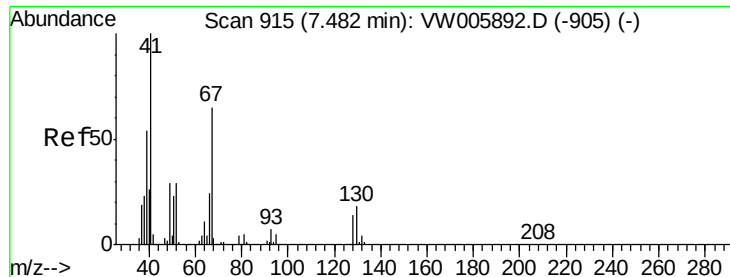
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#40
Benzene
Concen: 50.15 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	540987		
77	24.4	19.1	28.7	





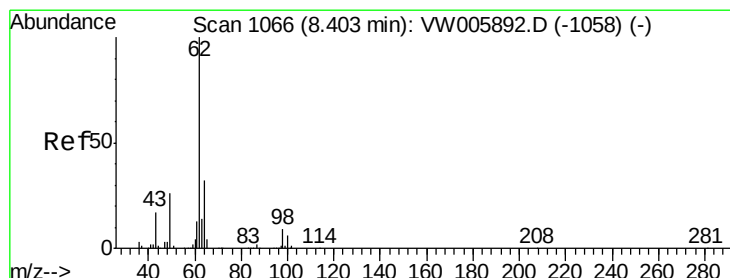
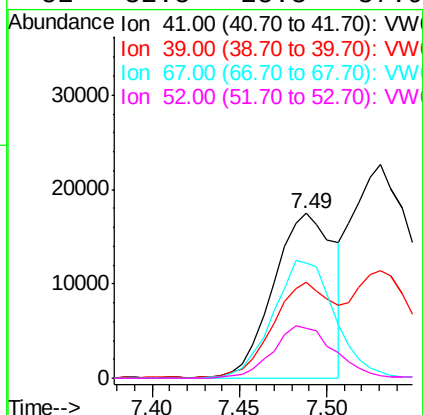
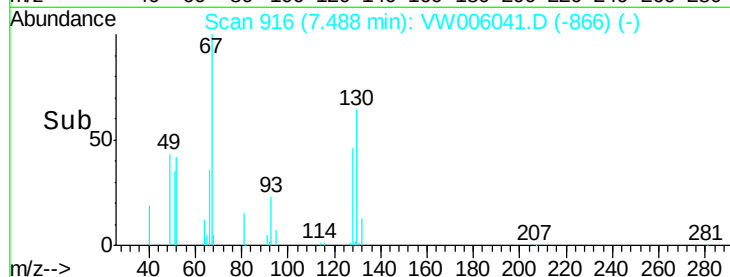
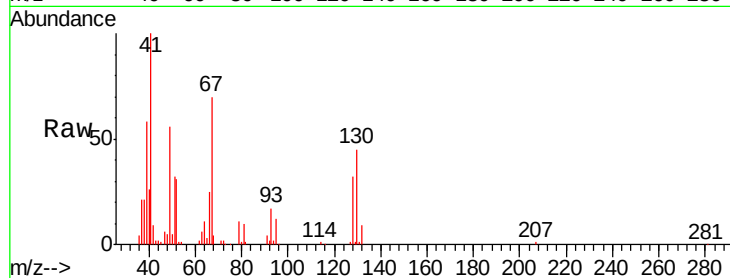
#41
Methacrylonitrile
Concen: 40.32 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.1	45.0	67.4
67	73.5	55.8	83.8
52	32.5	25.3	37.9

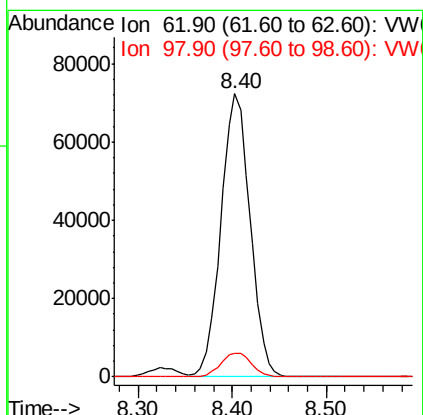
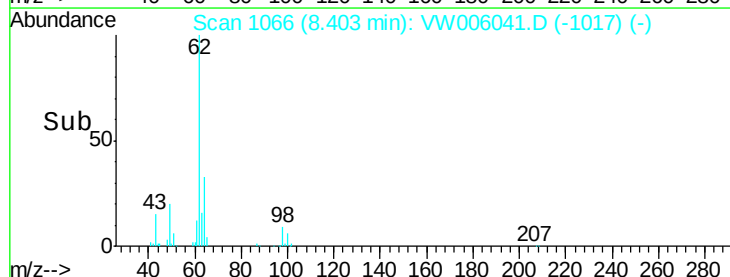
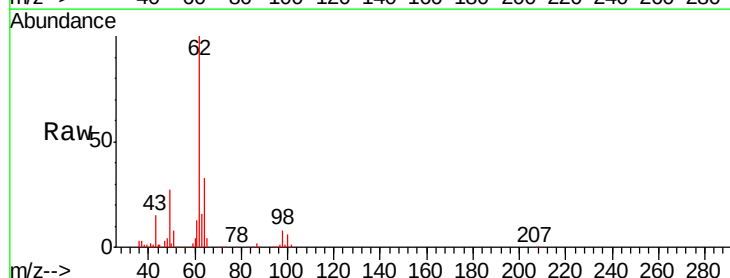
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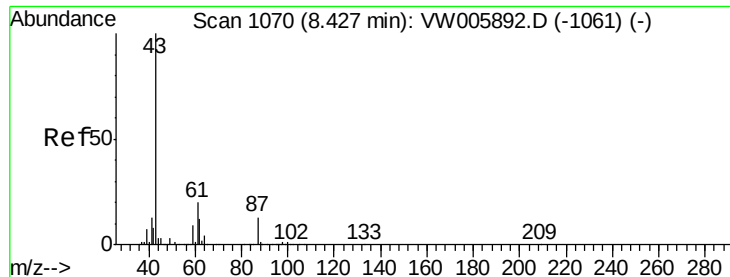
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#42
1,2-Dichloroethane
Concen: 47.67 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0





#43

Isopropyl Acetate

Concen: 40.87 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

Instrument :

MSVOA_W

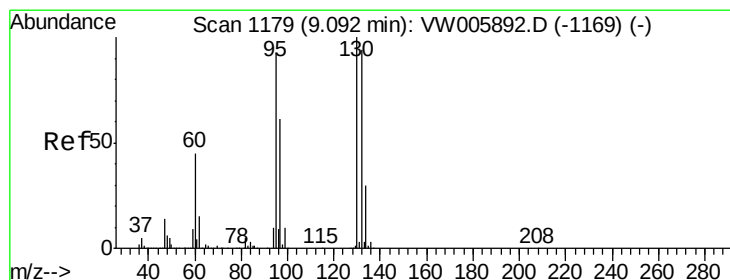
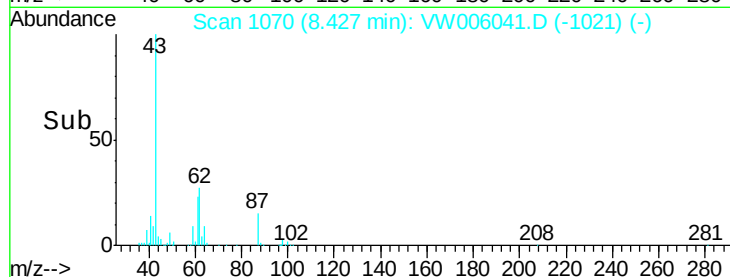
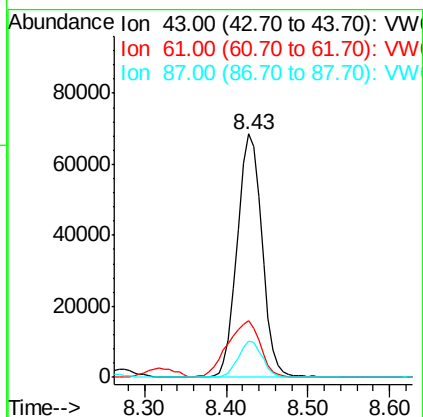
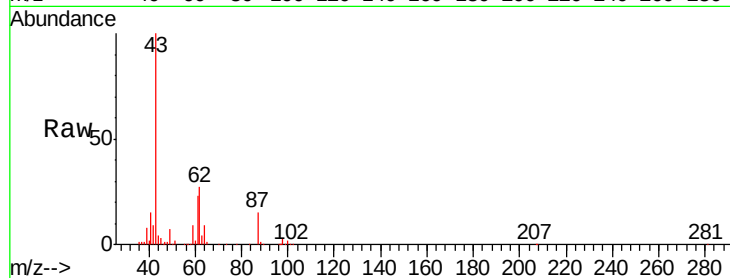
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	142515
Ion	Ratio	Lower	Upper
43	100		
61	31.0	23.1	34.7
87	14.3	10.7	16.1

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#44

Trichloroethene

Concen: 52.67 ug/l

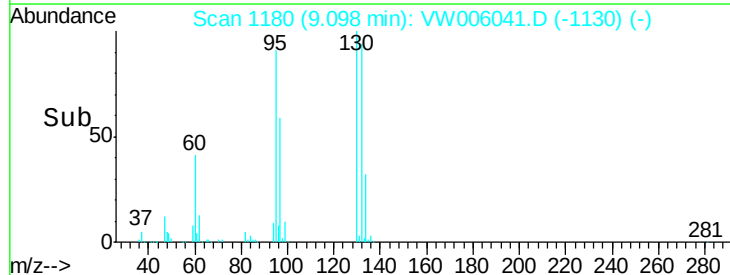
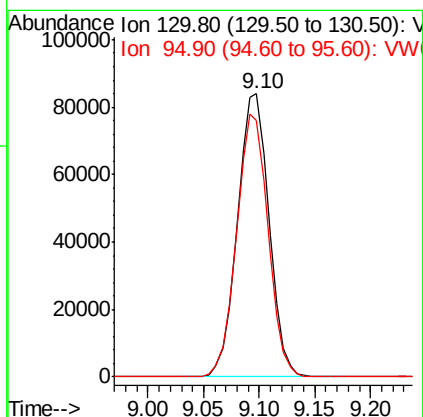
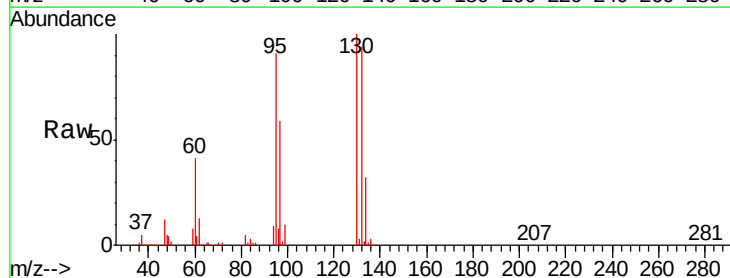
RT: 9.10 min Scan# 1180

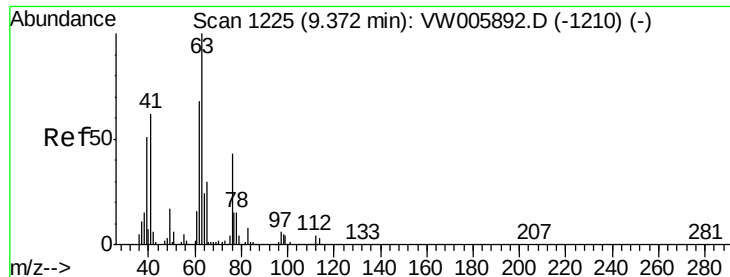
Delta R.T. 0.01 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

Tgt Ion:	130	Resp:	164868
Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	185.6





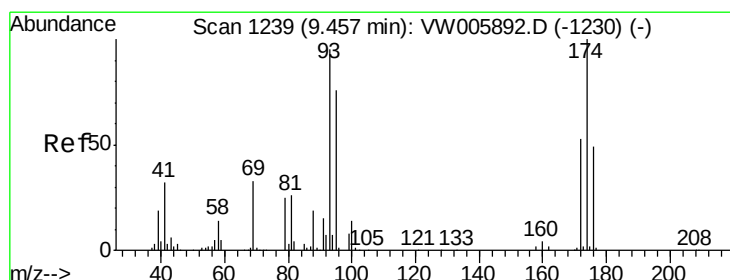
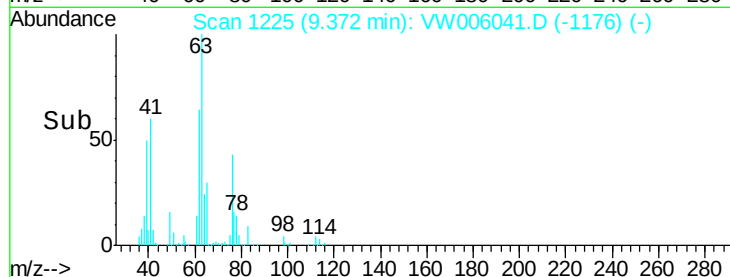
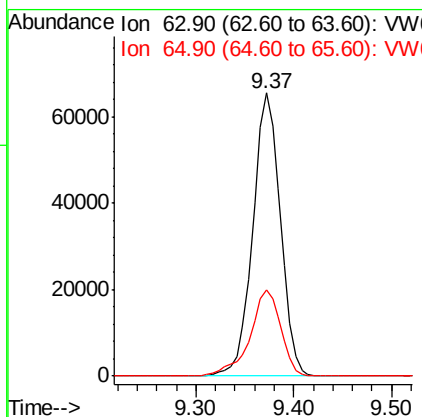
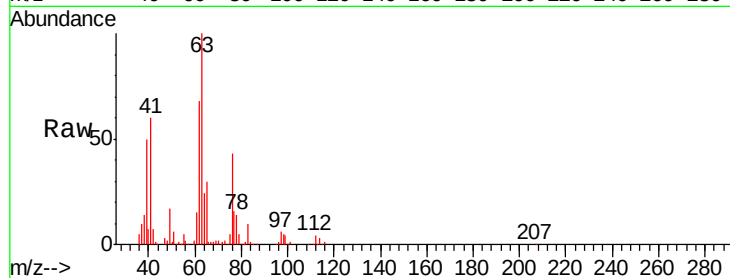
#45
 1,2-Dichloropropane
 Concen: 47.77 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.3	36.5

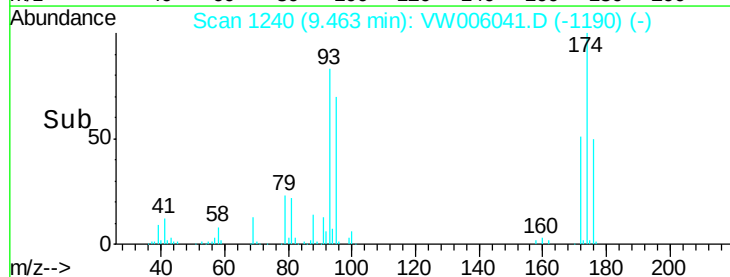
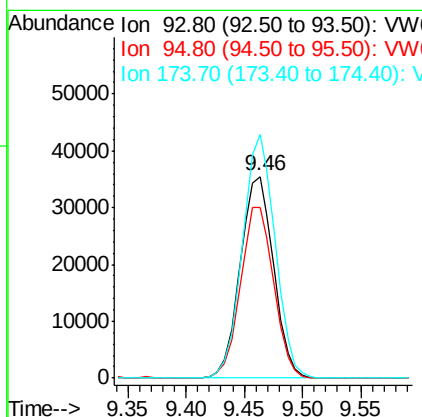
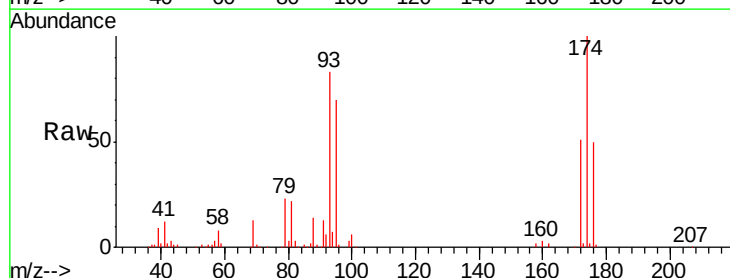
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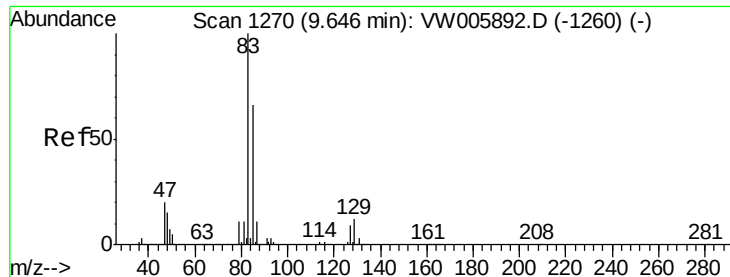
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#46
 Dibromomethane
 Concen: 47.84 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.4	66.6	99.8
174	117.8	90.4	135.6





#47

Bromodichloromethane

Concen: 48.00 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

Instrument :

MSVOA_W

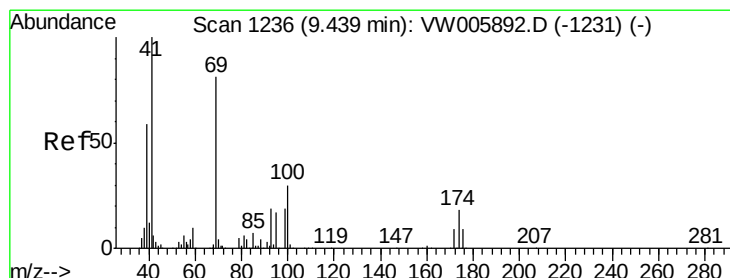
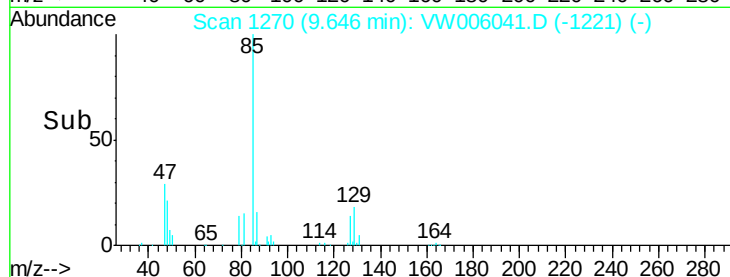
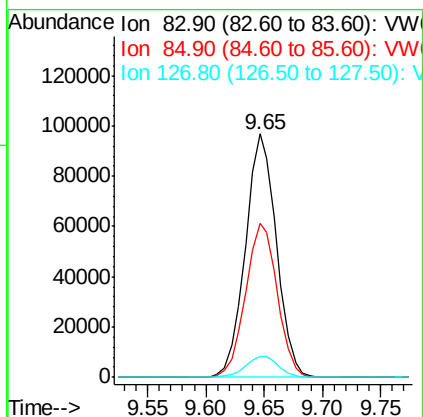
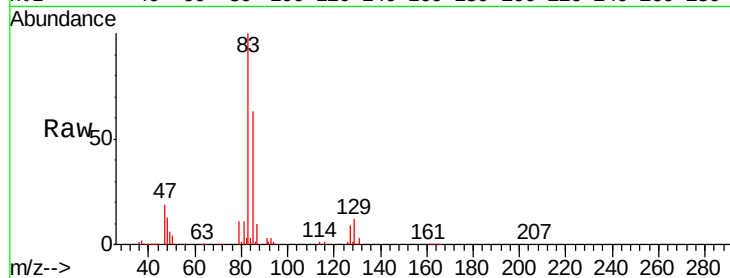
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	179257
Ion	Ratio	Lower	Upper
83	100		
85	63.5	53.0	79.6
127	8.7	7.4	11.0

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#48

Methyl methacrylate

Concen: 41.60 ug/l

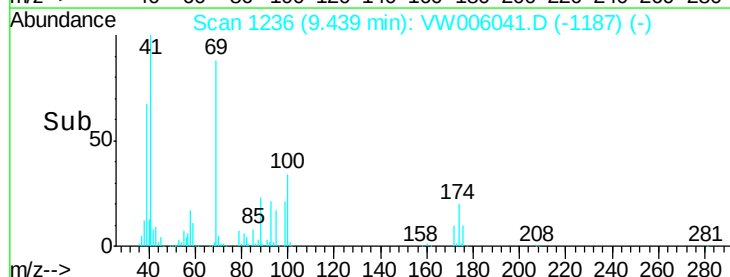
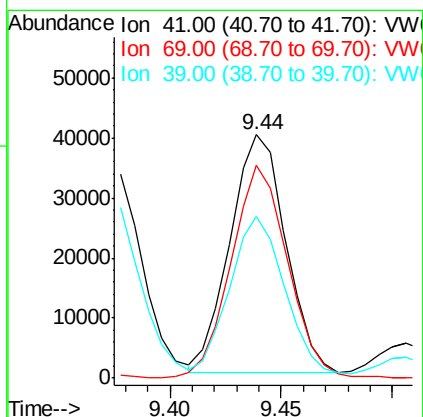
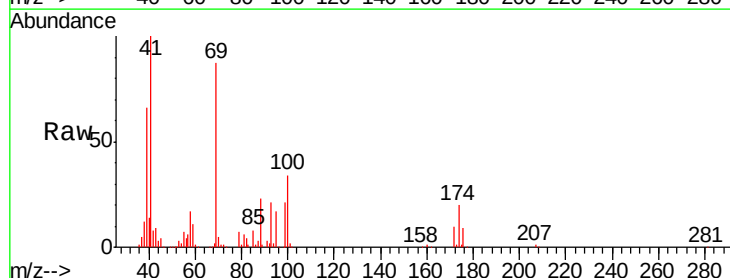
RT: 9.44 min Scan# 1236

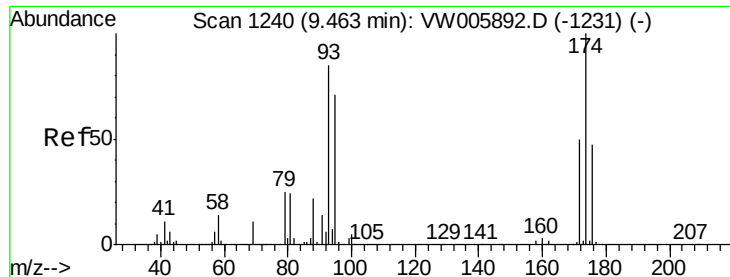
Delta R.T. -0.00 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

Tgt Ion:	41	Resp:	69106
Ion	Ratio	Lower	Upper
41	100		
69	91.3	68.7	103.1
39	64.1	50.0	75.0





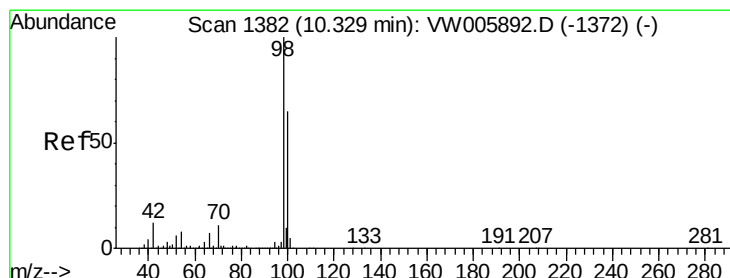
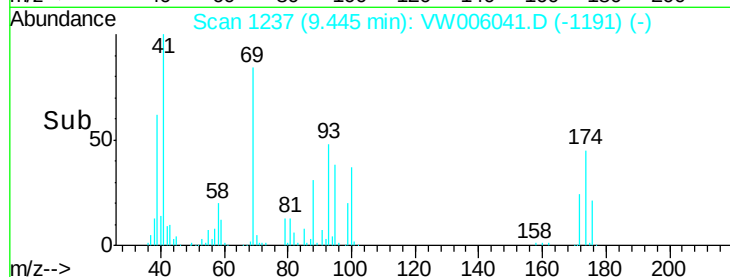
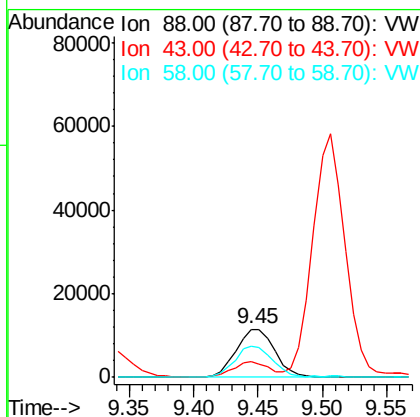
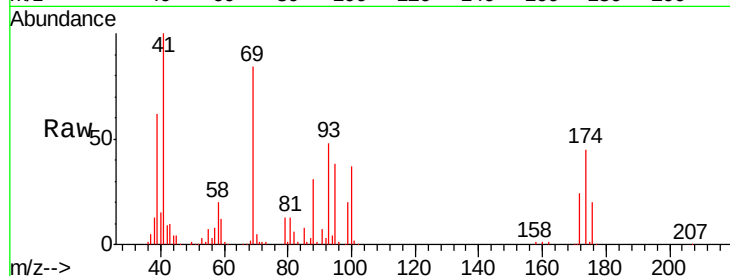
#49
1,4-Dioxane
Concen: 1054.74 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion: 88 Resp: 23778
Ion Ratio Lower Upper
88 100
43 29.9 0.0 0.0#
58 64.6 57.7 86.5

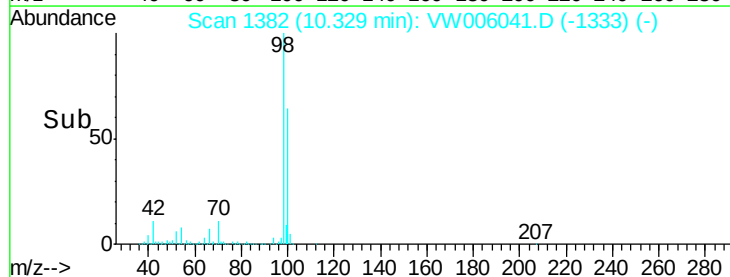
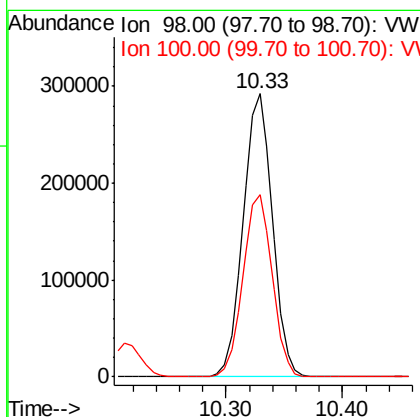
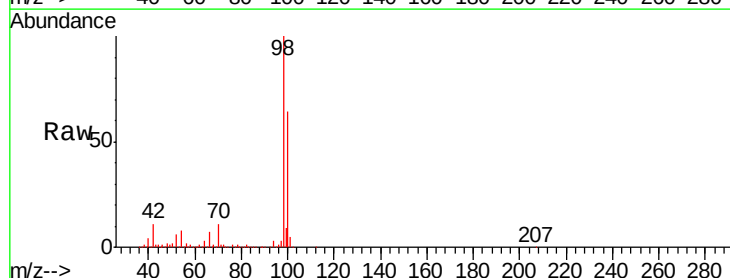
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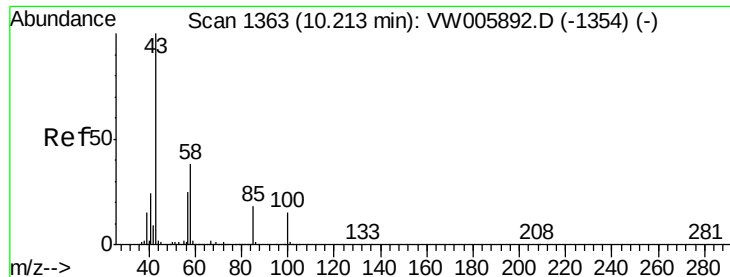
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#50
Toluene-d8
Concen: 50.73 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion: 98 Resp: 512636
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9





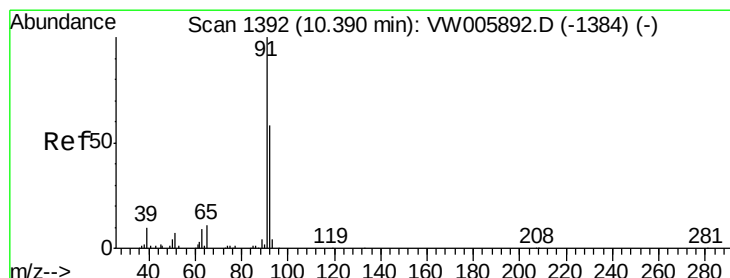
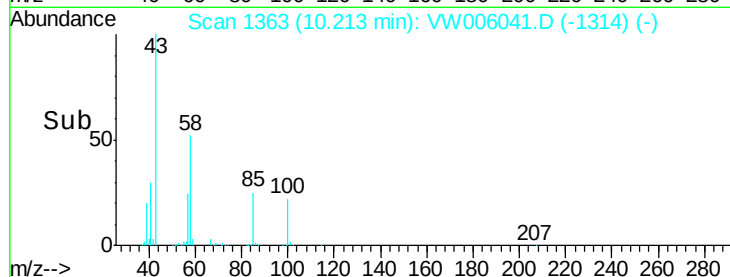
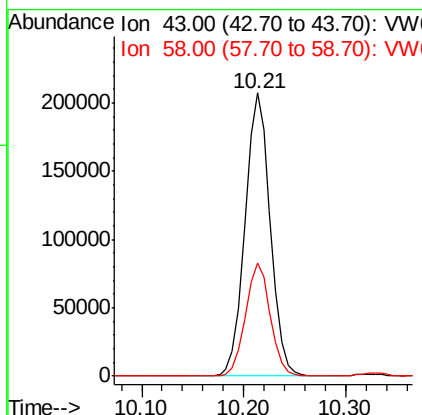
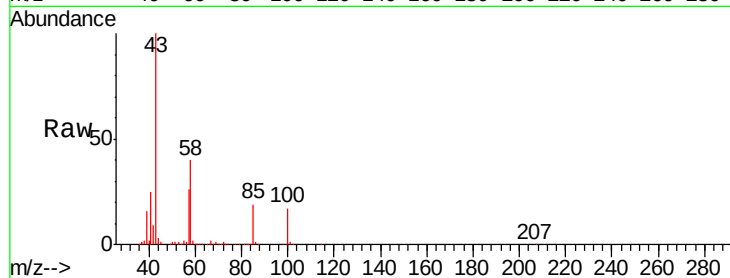
#51
 4-Methyl-2-Pentanone
 Concen: 208.94 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 354767
 Ion Ratio Lower Upper
 43 100
 58 39.3 30.2 45.4

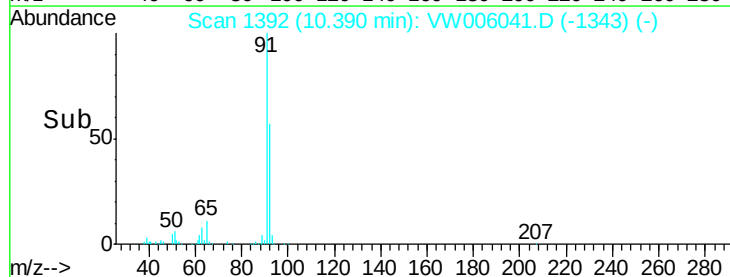
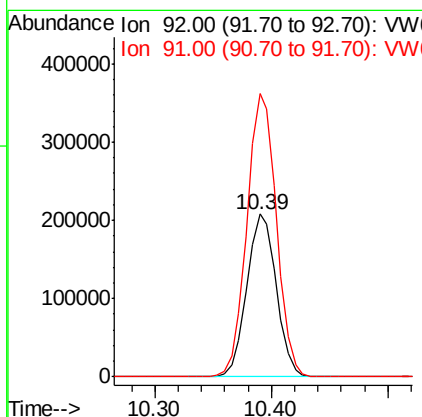
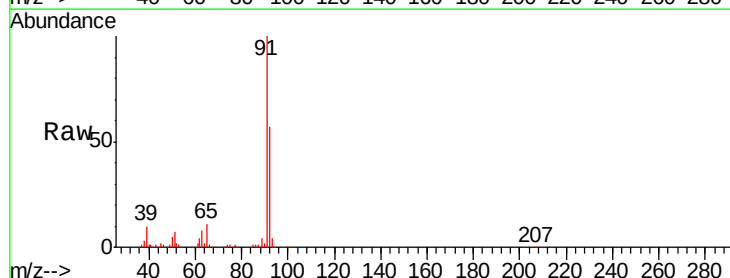
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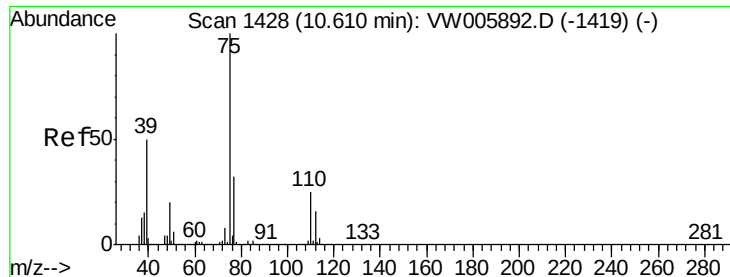
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#52
 Toluene
 Concen: 51.64 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Tgt Ion: 92 Resp: 365992
 Ion Ratio Lower Upper
 92 100
 91 174.1 138.2 207.4





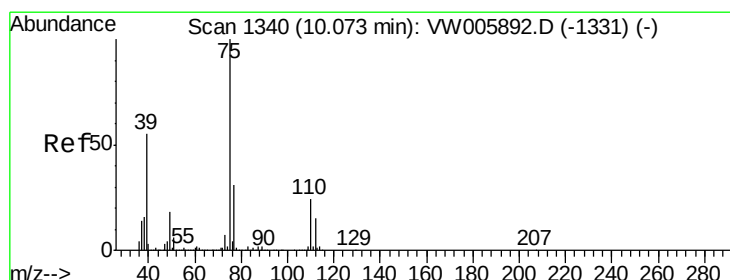
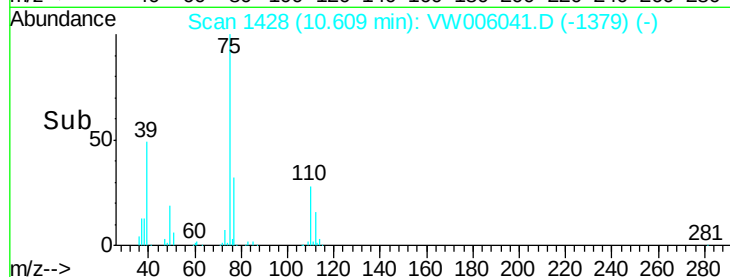
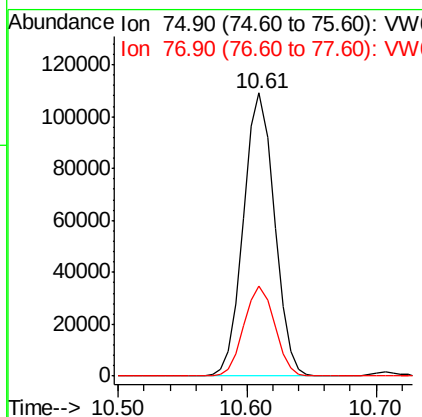
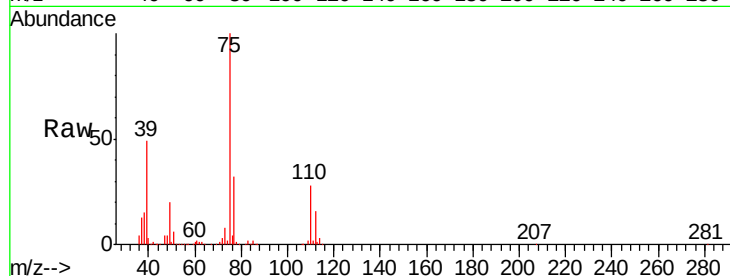
#53
t-1,3-Dichloropropene
Concen: 46.58 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 181801
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2

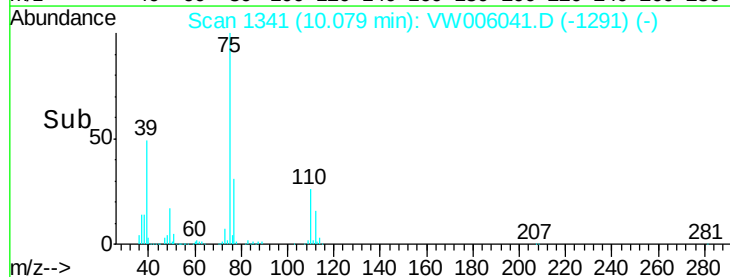
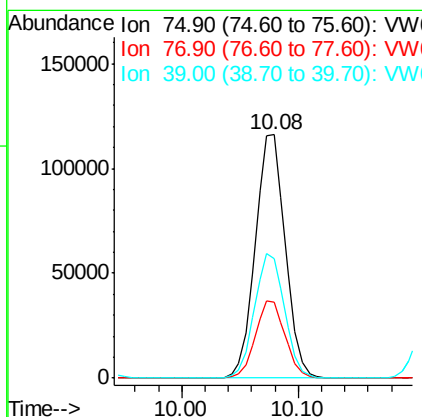
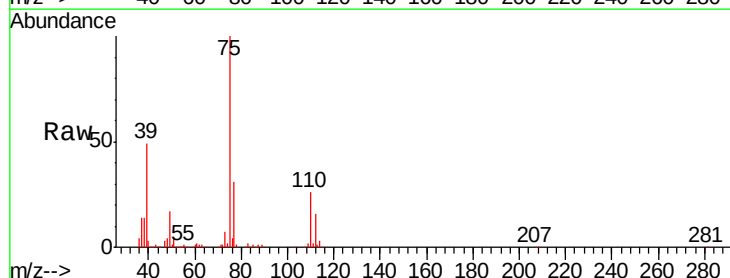
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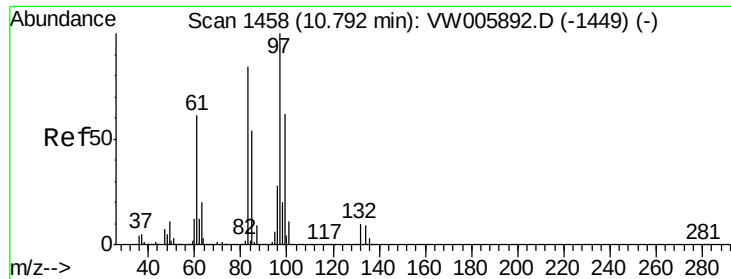
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#54
cis-1,3-Dichloropropene
Concen: 47.48 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.01 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion: 75 Resp: 208320
Ion Ratio Lower Upper
75 100
77 31.3 24.6 37.0
39 49.1 44.2 66.4





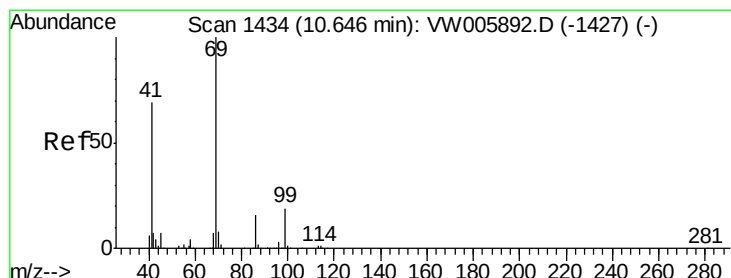
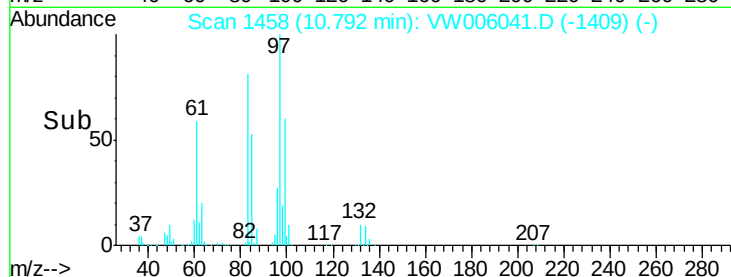
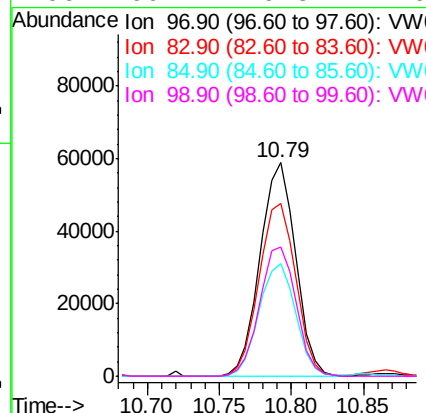
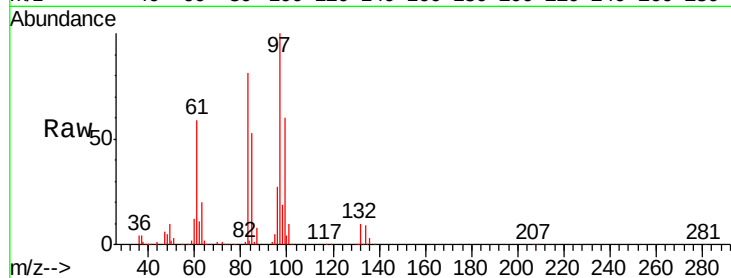
#55
 1,1,2-Trichloroethane
 Concen: 48.96 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.7	66.9	100.3
85	52.9	43.4	65.0
99	60.4	49.8	74.6

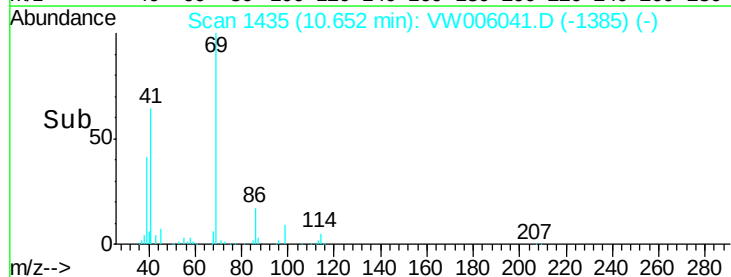
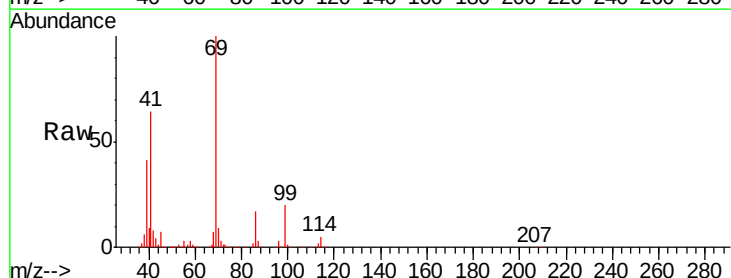
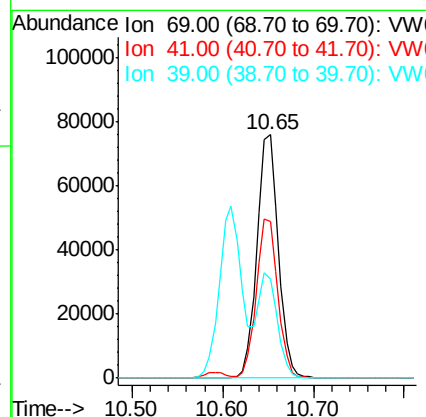
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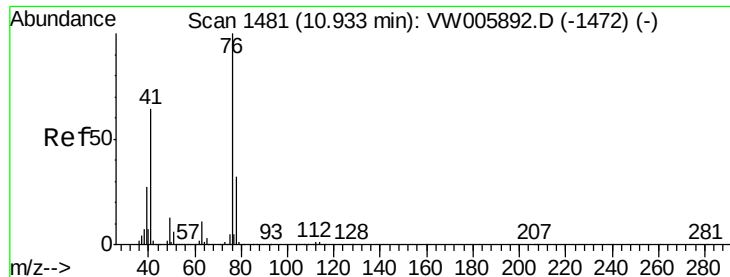
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#56
 Ethyl methacrylate
 Concen: 44.77 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.4	56.0	84.0
39	37.4	33.5	50.3





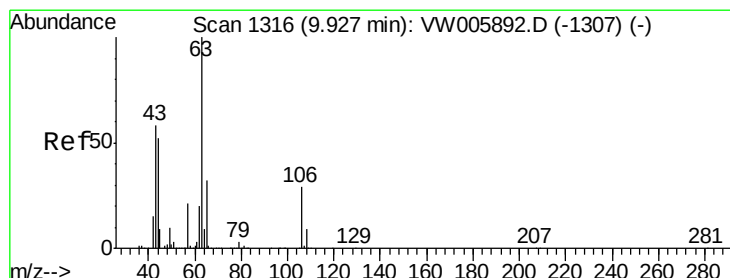
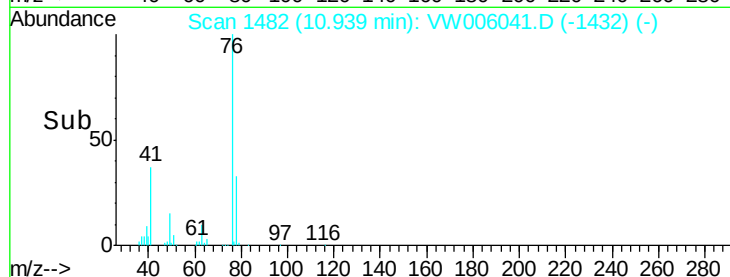
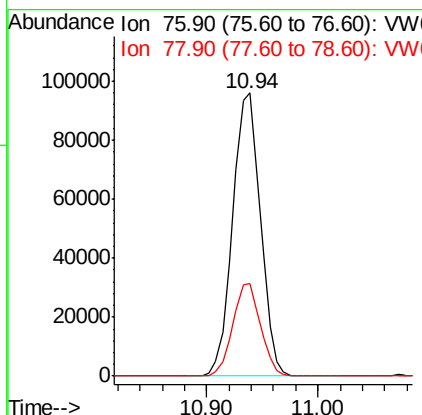
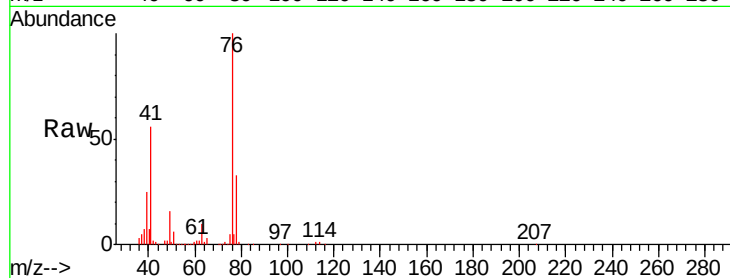
#57
 1,3-Dichloropropane
 Concen: 48.06 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.6

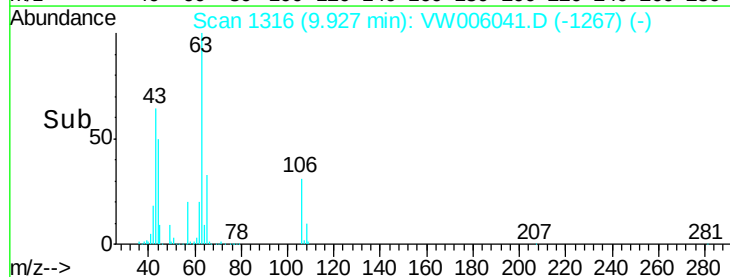
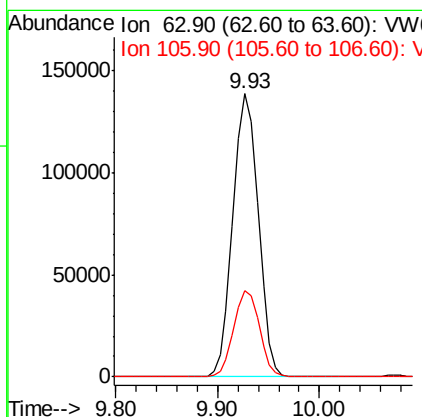
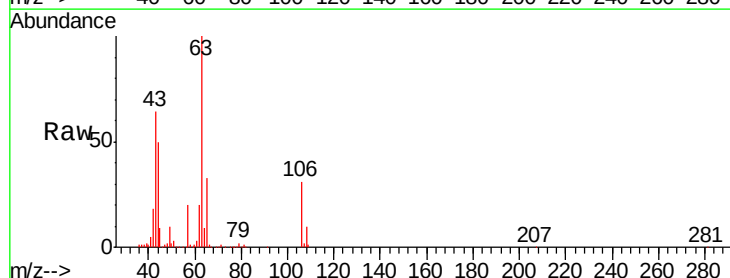
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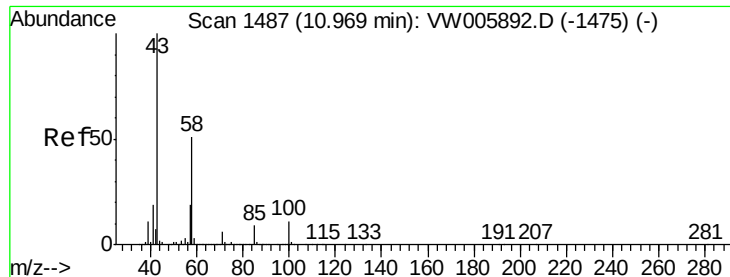
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#58
 2-Chloroethyl Vinyl ether
 Concen: 212.47 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.7	23.6	35.4





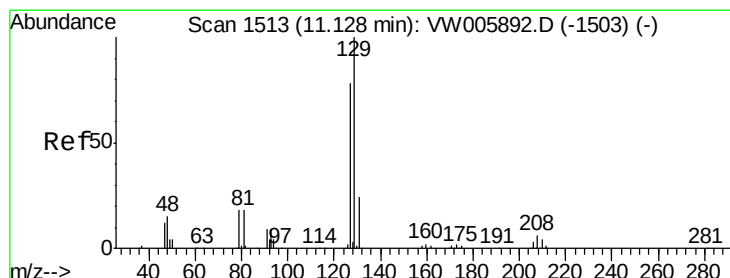
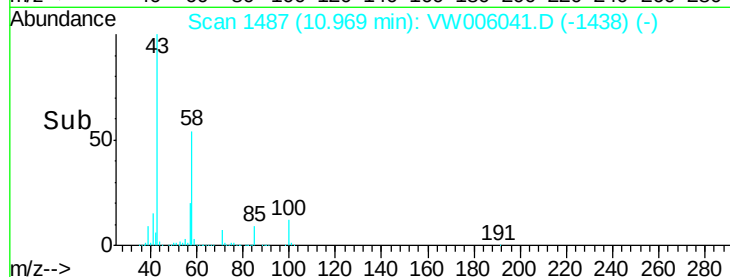
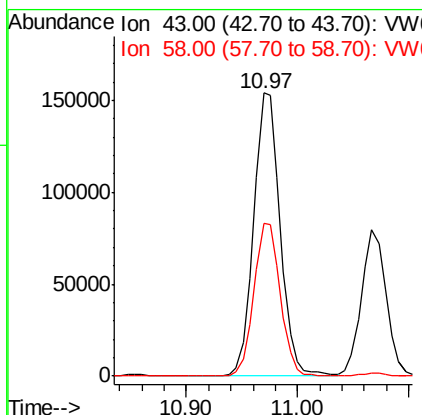
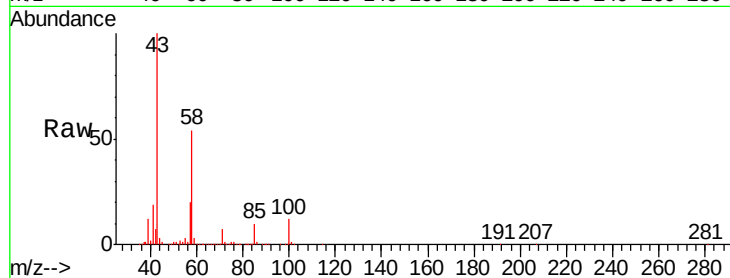
#59
2-Hexanone
Concen: 209.72 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 255330
Ion Ratio Lower Upper
43 100
58 53.7 25.7 77.1

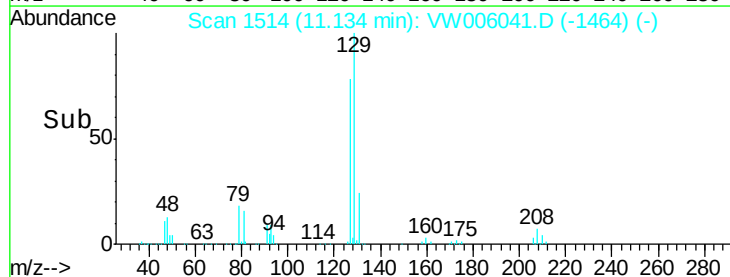
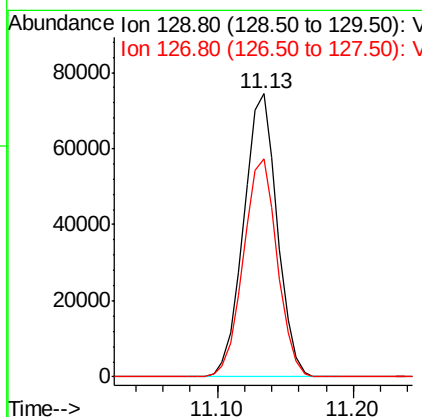
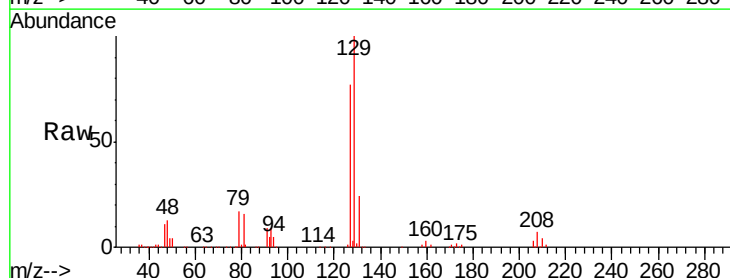
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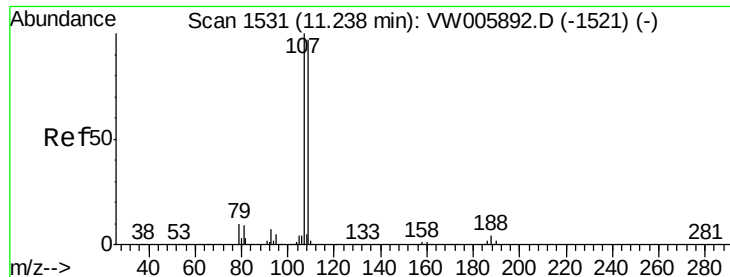
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#60
Dibromochloromethane
Concen: 48.49 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion: 129 Resp: 128634
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





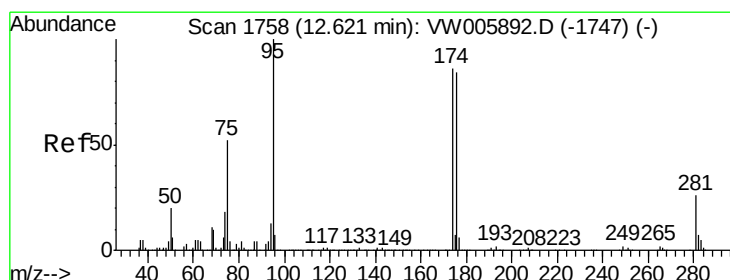
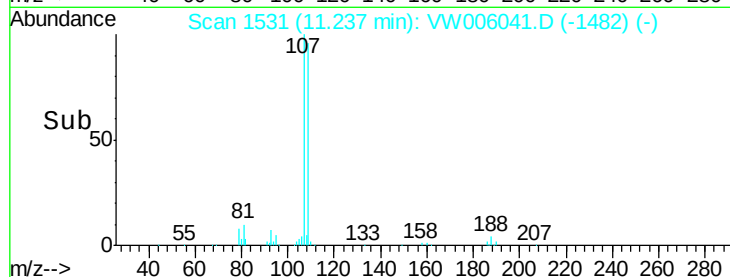
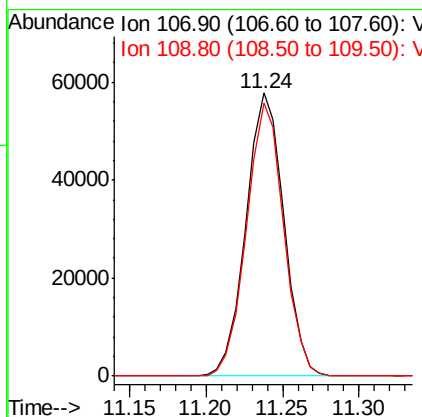
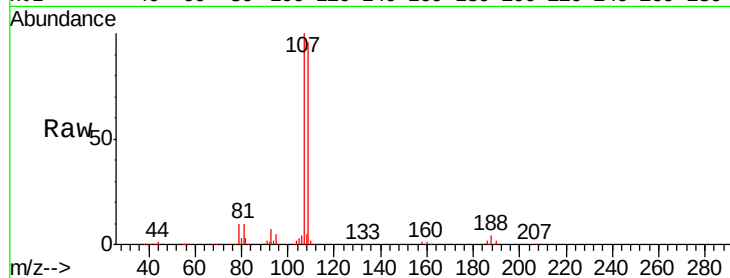
#61
 1,2-Dibromoethane
 Concen: 48.31 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 99228
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.8 113.8

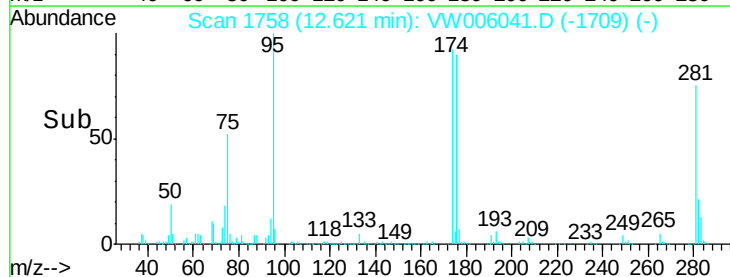
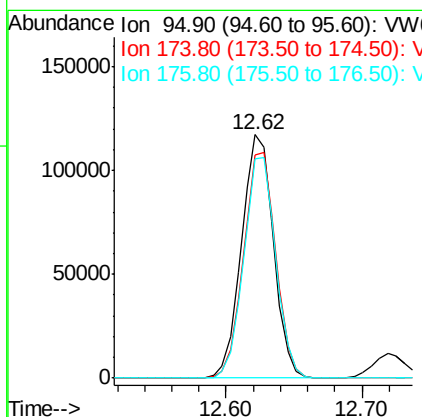
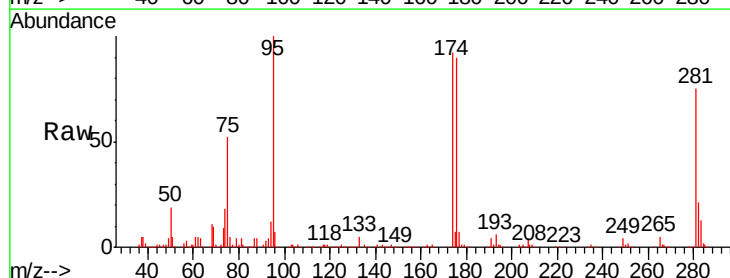
Manual Integrations
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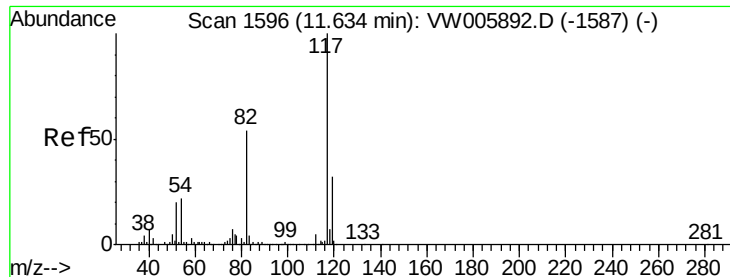
apatel
 10/15/2018 10:03:17 AM



#62
 4-Bromofluorobenzene
 Concen: 49.98 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Tgt Ion: 95 Resp: 192131
 Ion Ratio Lower Upper
 95 100
 174 93.5 0.0 176.4
 176 90.7 0.0 173.0





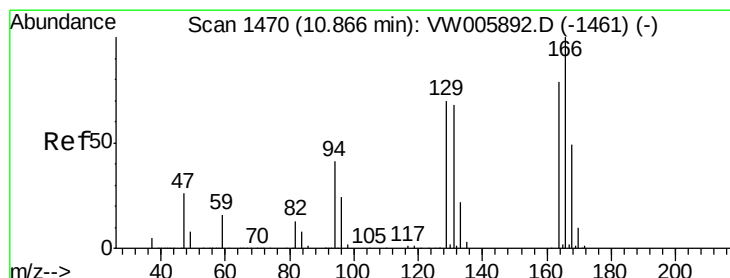
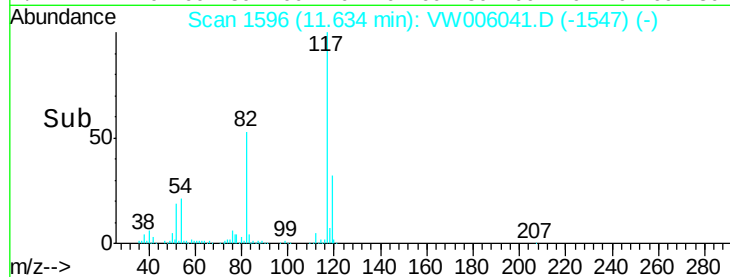
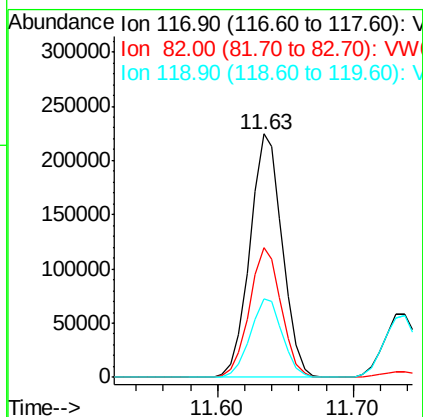
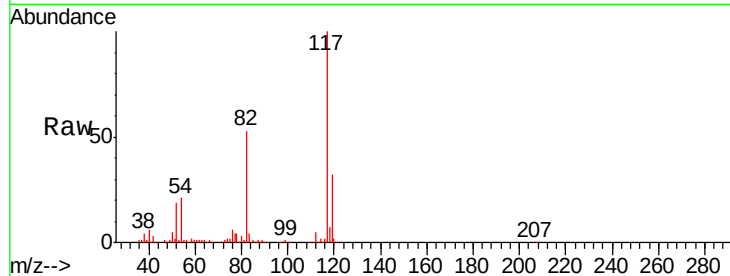
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	373277		
82	53.3	43.5	65.3	
119	32.2	25.4	38.2	

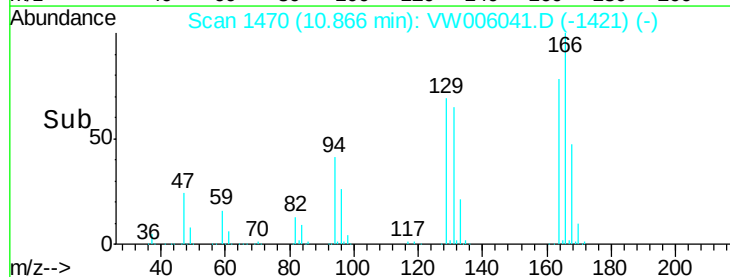
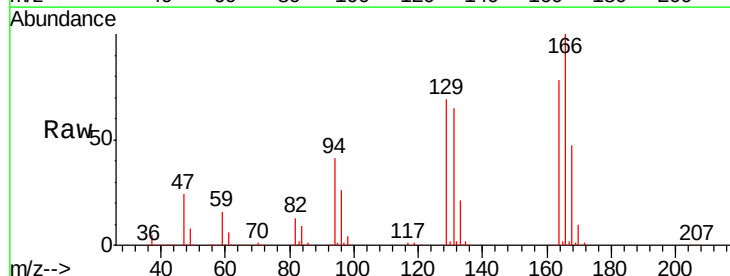
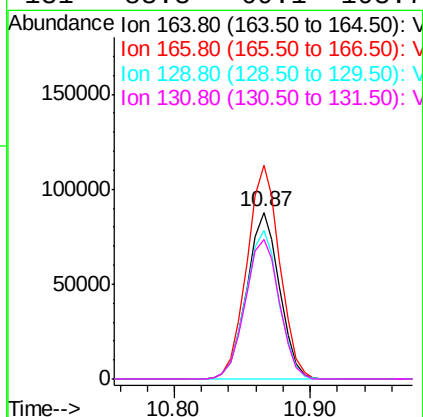
Manual Integrations
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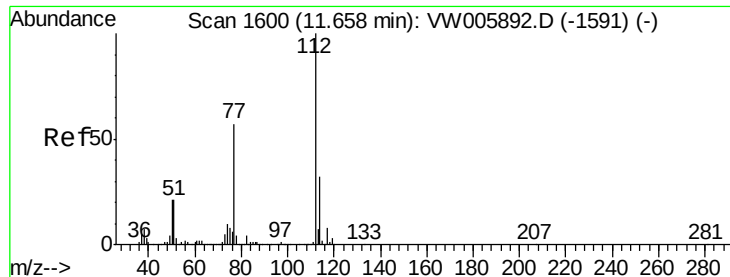
apatel
10/15/2018 10:03:17 AM



#64
Tetrachloroethene
Concen: 53.18 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	147877		
166	128.0	101.5	152.3	
129	88.6	71.1	106.7	
131	83.3	69.1	103.7	





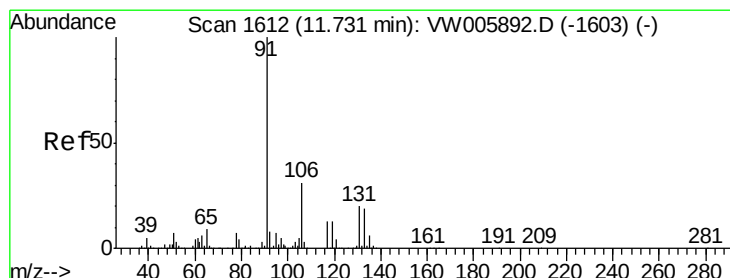
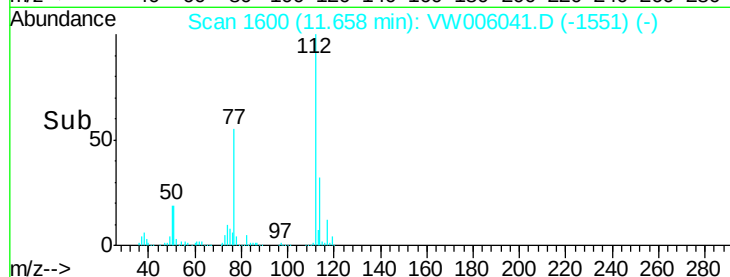
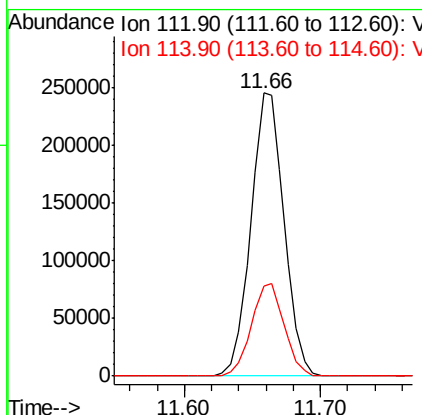
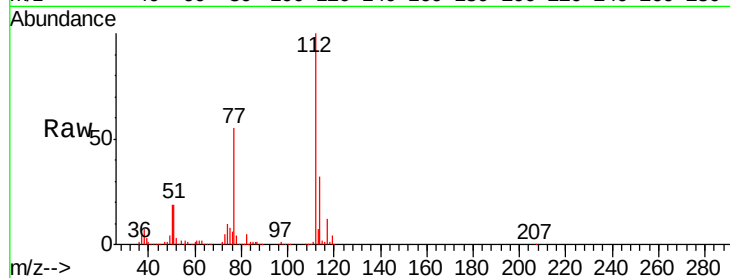
#65
Chlorobenzene
Concen: 52.37 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.6	38.4

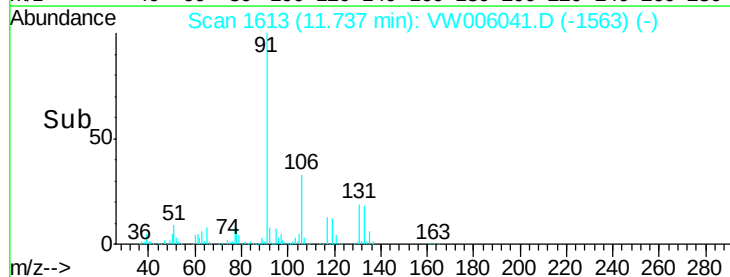
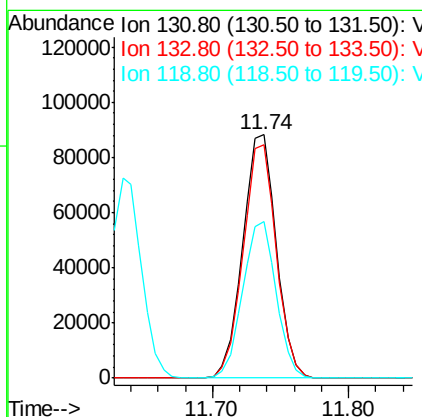
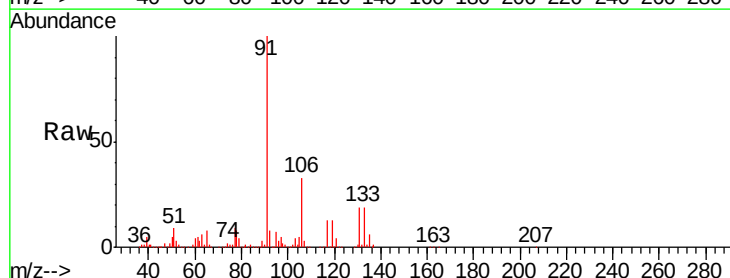
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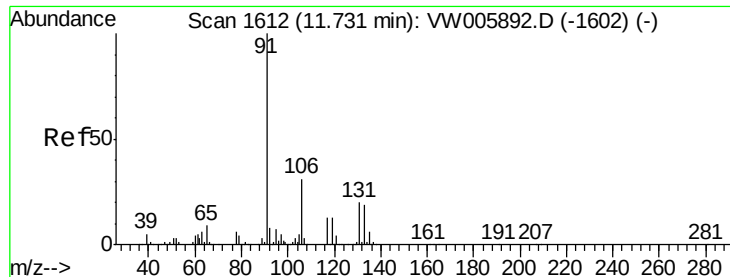
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.85 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	48.2	144.6
119	64.2	32.5	97.5





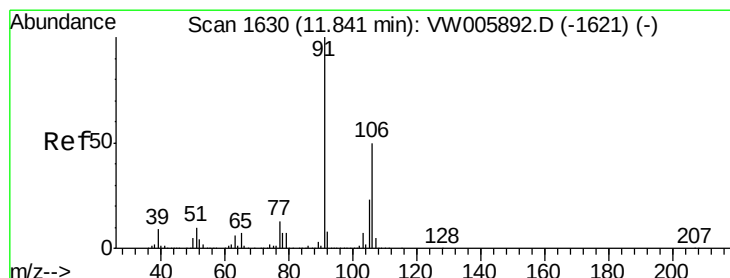
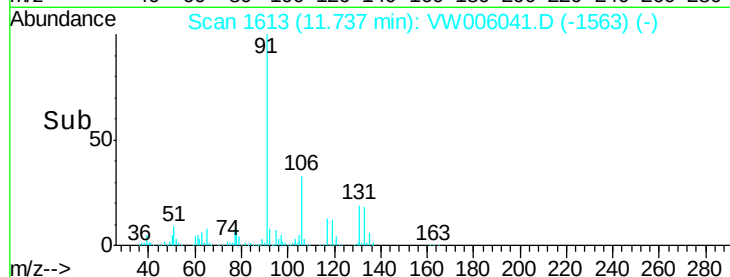
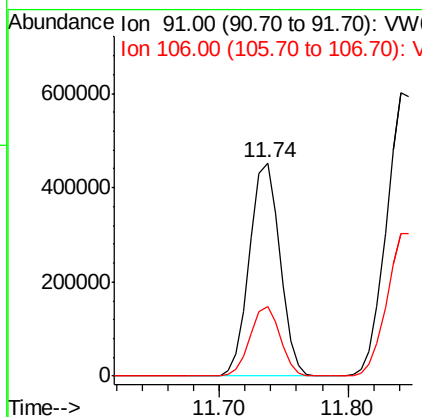
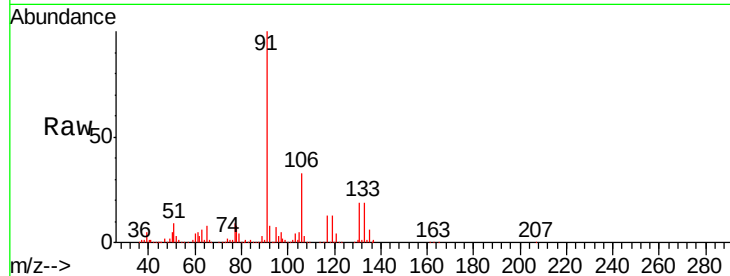
#67
Ethyl Benzene
Concen: 52.28 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 738360
Ion Ratio Lower Upper
91 100
106 32.5 25.0 37.6

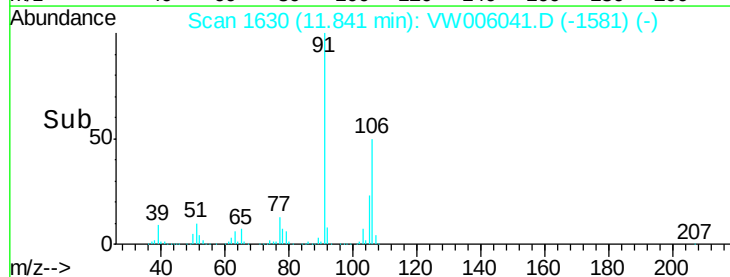
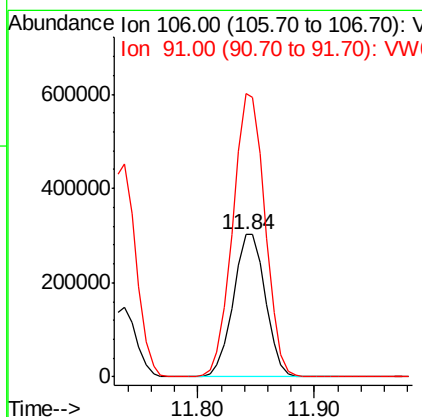
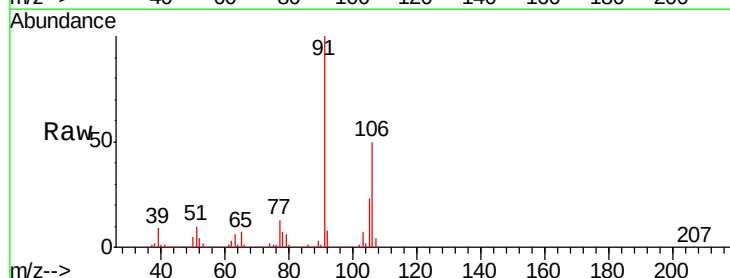
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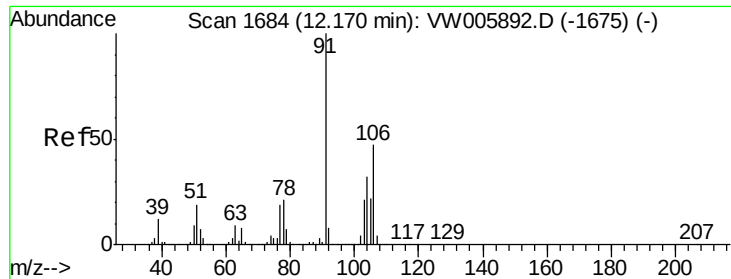
apatel
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#68
m/p-Xylenes
Concen: 105.71 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion: 106 Resp: 583452
Ion Ratio Lower Upper
106 100
91 198.4 160.2 240.2





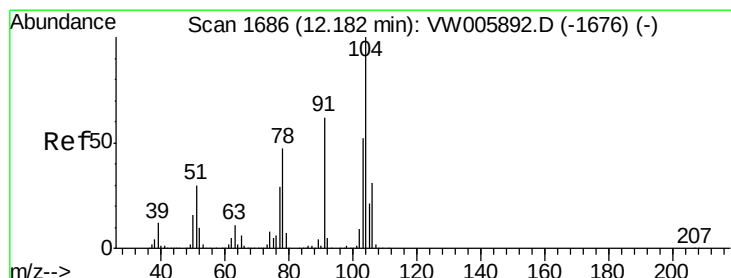
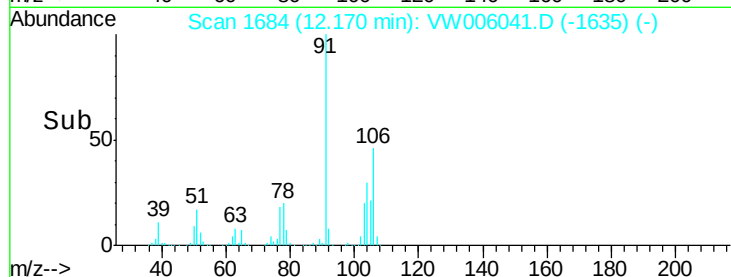
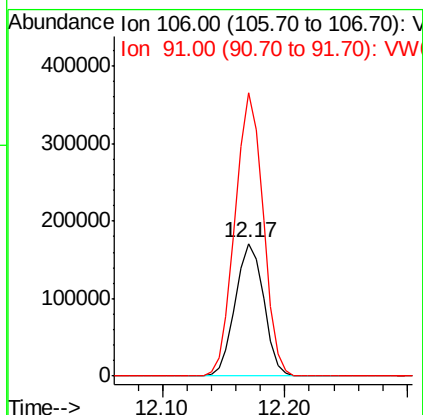
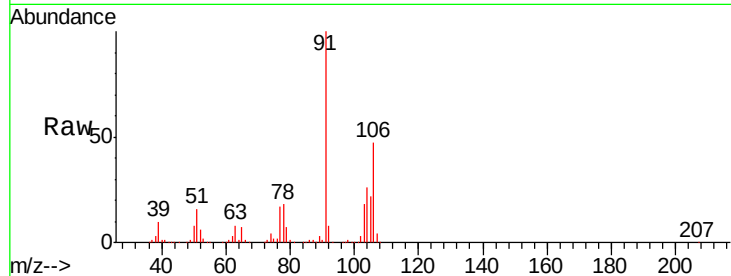
#69
o-Xylene
Concen: 52.30 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
106	100		
91	211.0	106.2	318.5

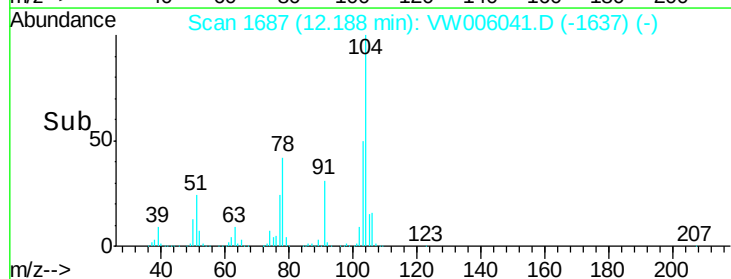
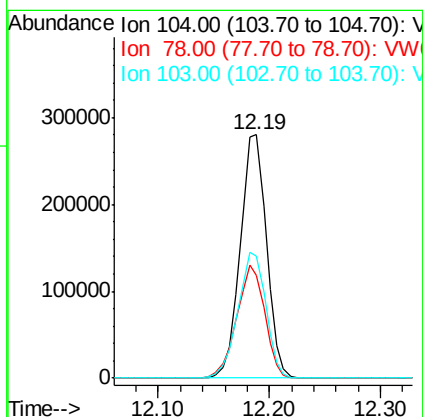
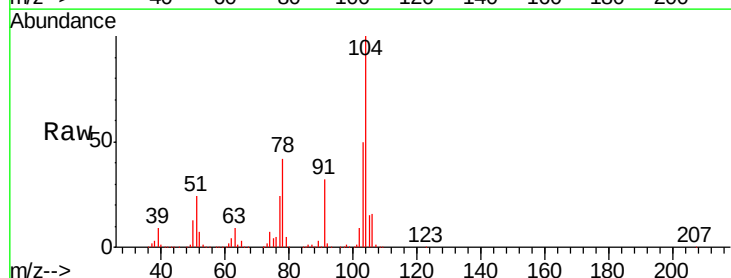
Manual Integrations
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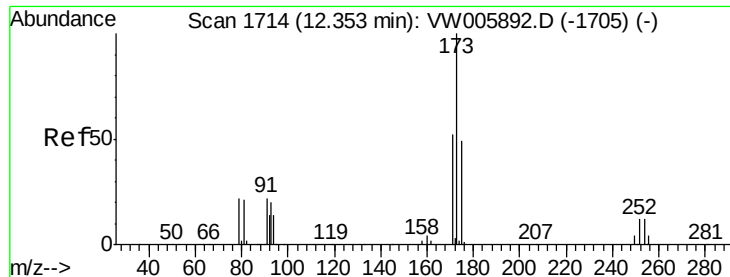
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#70
Styrene
Concen: 52.28 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.5	40.4	60.6
103	55.3	44.2	66.2





#71

Bromoform

Concen: 47.05 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 82138

Ion Ratio Lower Upper

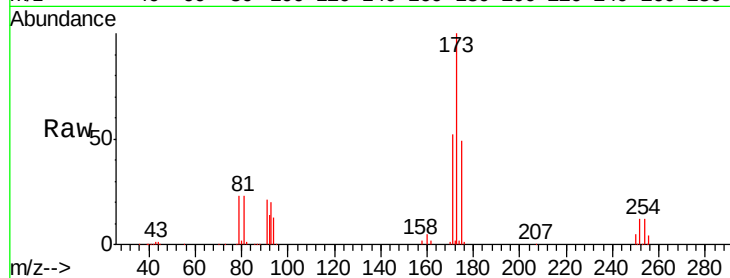
173 100

175 48.8 24.7 74.1

254 0.1 0.2 0.2#

Manual Integrations
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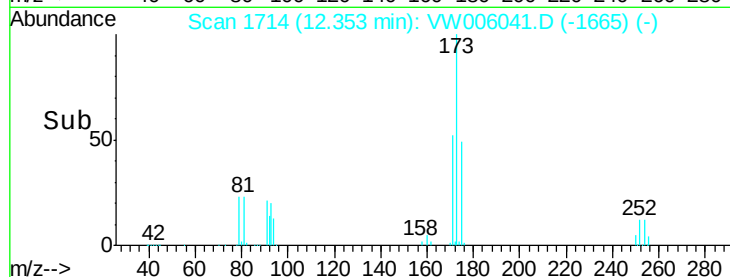


Abundance Ion 172.70 (172.40 to 173.40): V

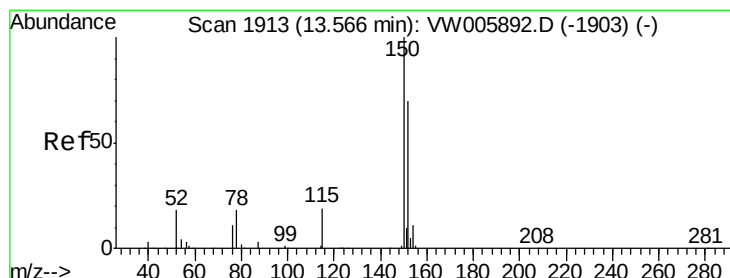
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

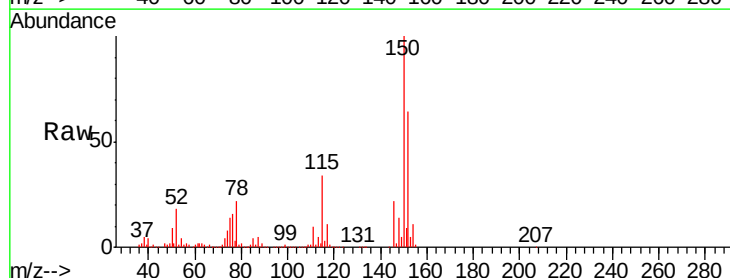
Tgt Ion:152 Resp: 215650

Ion Ratio Lower Upper

152 100

115 55.1 28.3 85.0

150 174.2 0.0 349.2

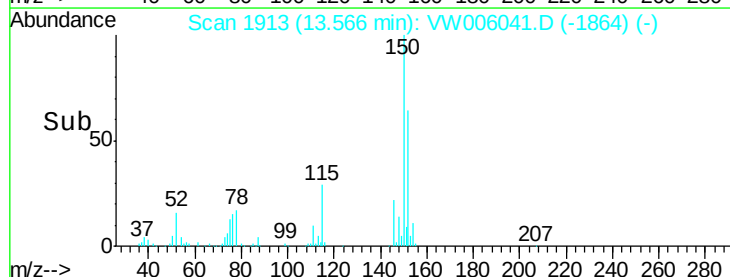


Abundance Ion 151.90 (151.60 to 152.60): V

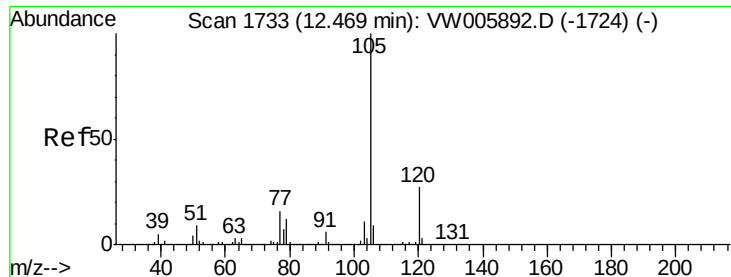
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



Time-->



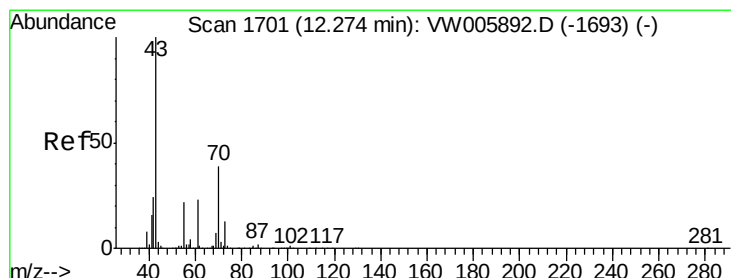
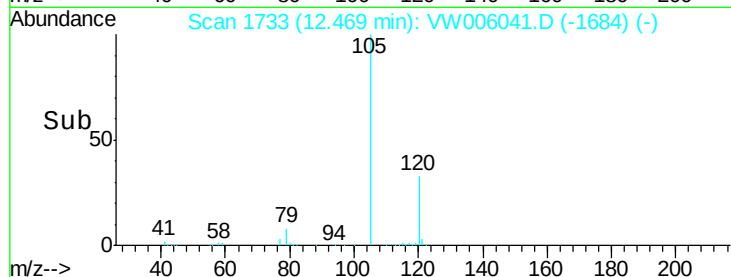
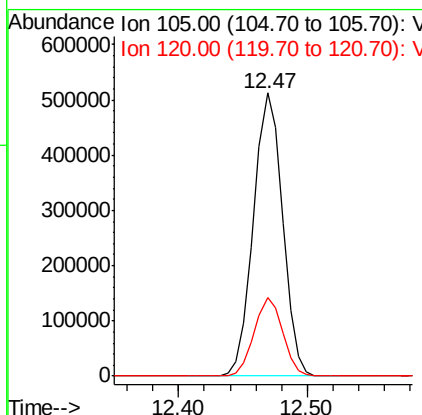
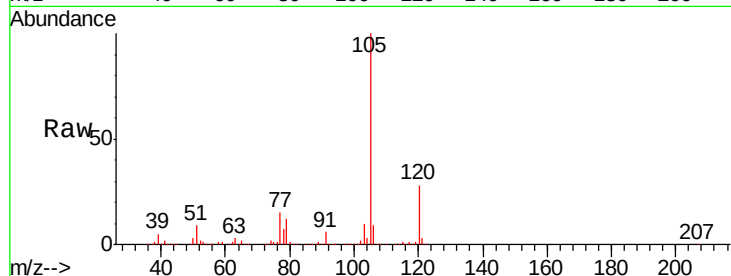
#73
Isopropylbenzene
Concen: 50.65 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.6	40.8

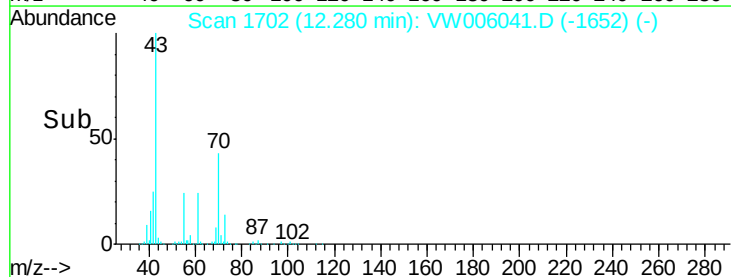
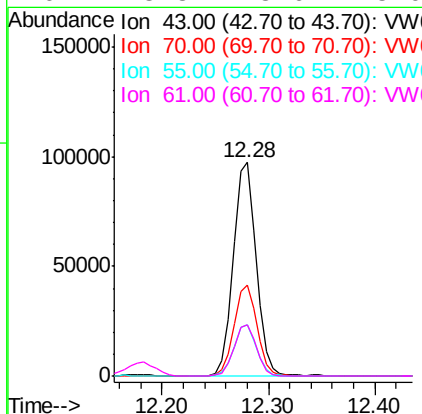
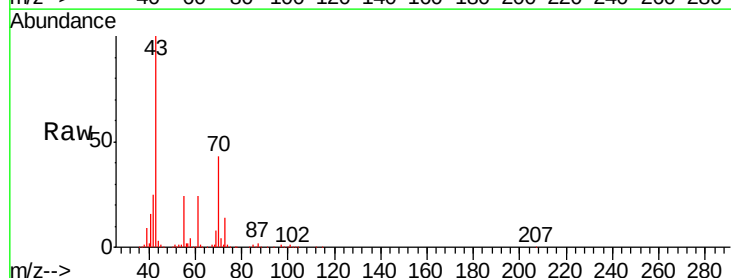
Manual Integrations
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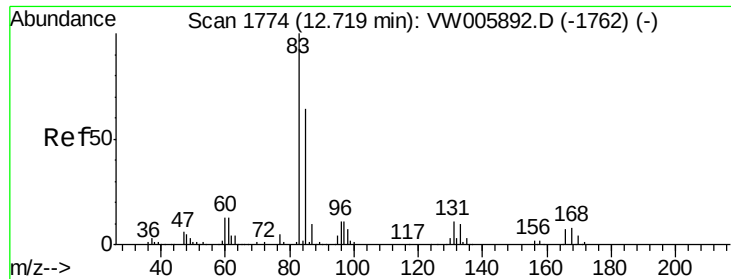
apatel
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#74
N-ethyl acetate
Concen: 39.26 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.01 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.0	31.6	47.4
55	23.9	17.9	26.9
61	23.8	18.6	28.0





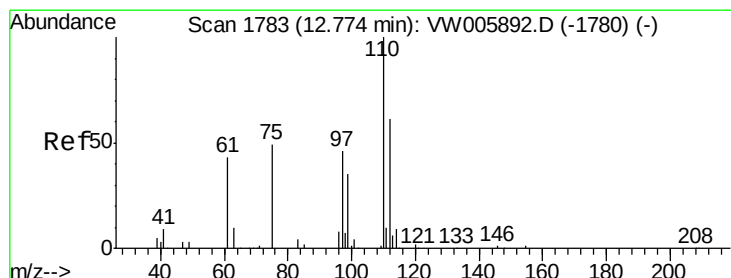
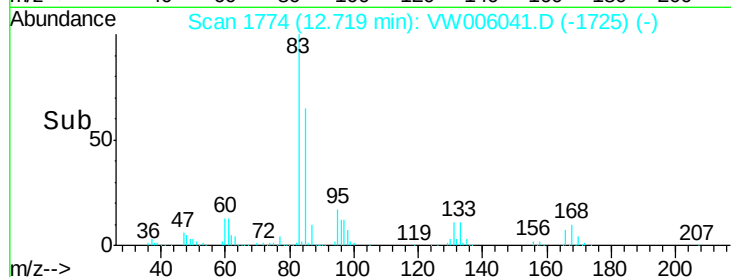
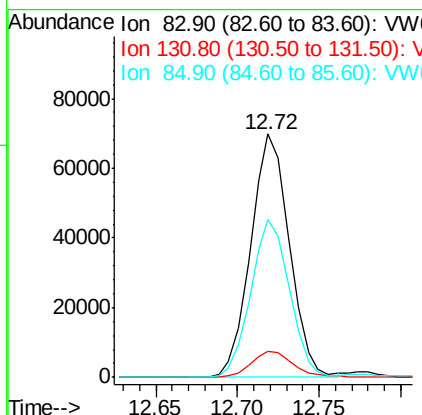
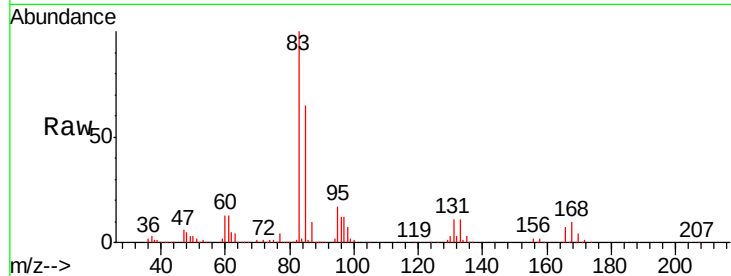
#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.47 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	114790		
131	11.5	5.8	17.3	
85	65.0	32.4	97.0	

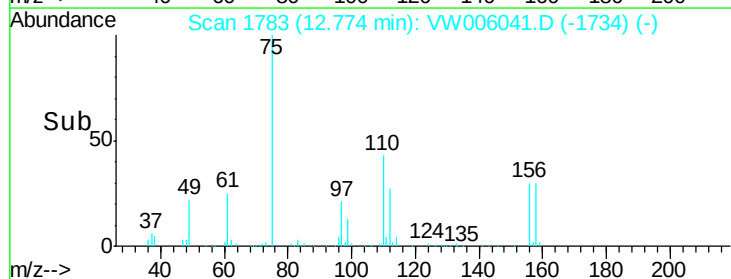
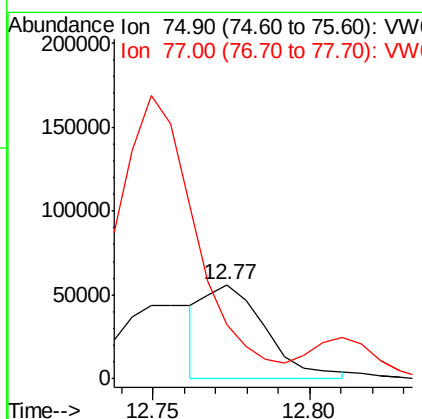
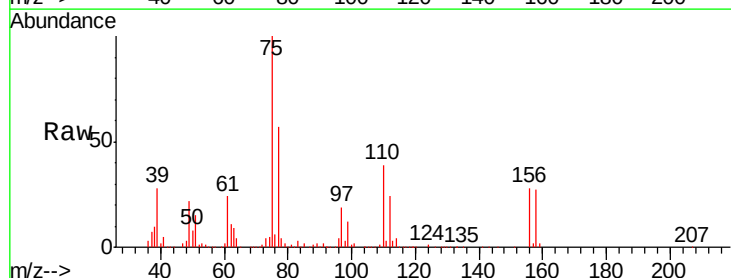
Manual Integrations
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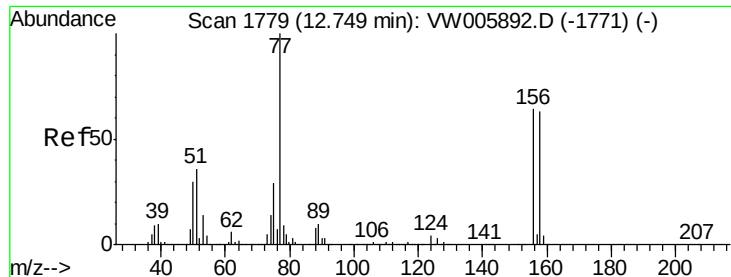
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#76
 1,2,3-Trichloropropane
 Concen: 40.32 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	77674		
77	0.0	0.0	0.0	





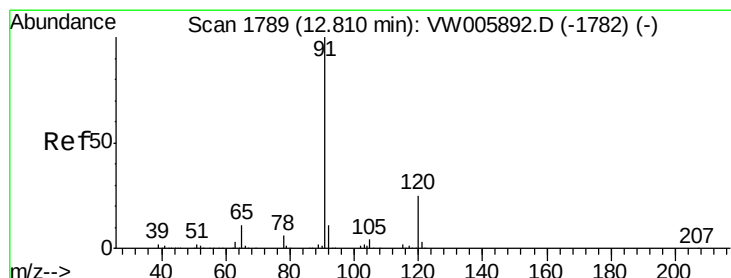
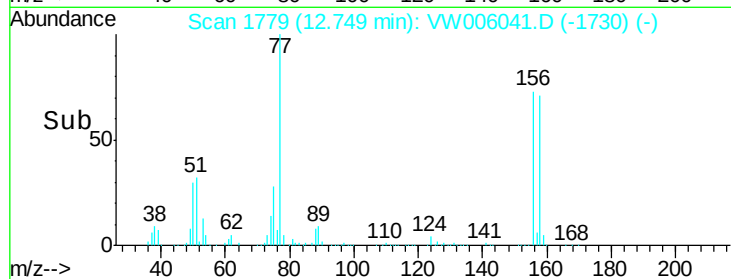
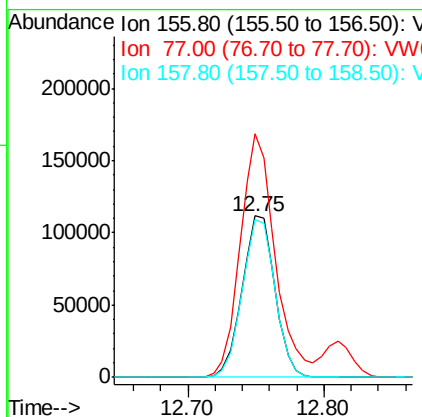
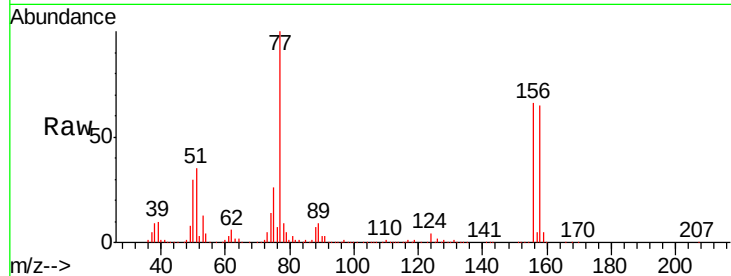
#77
Bromobenzene
Concen: 50.38 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	160.1	85.8	257.4
158	98.1	49.1	147.4

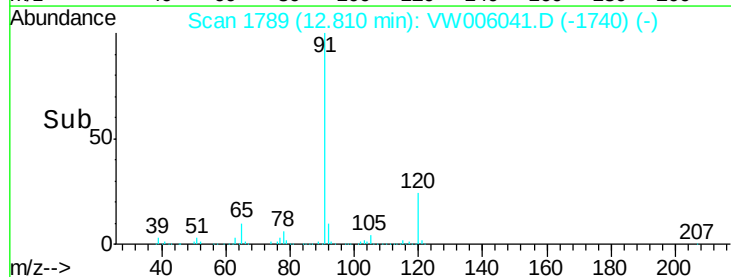
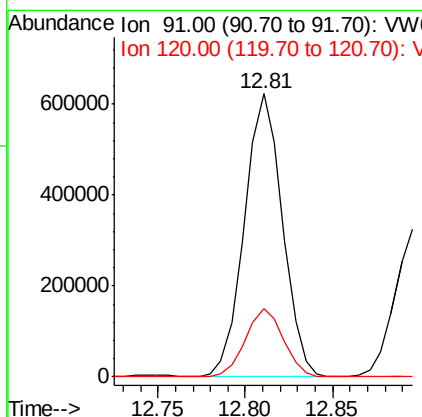
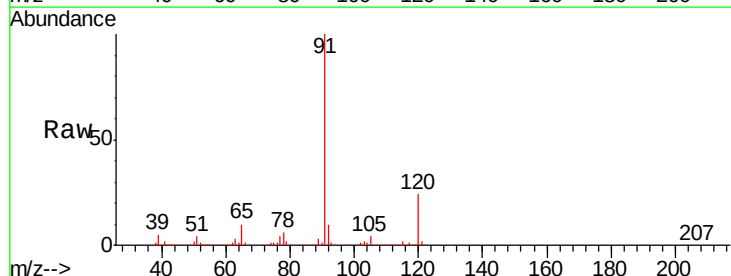
Manual Integrations
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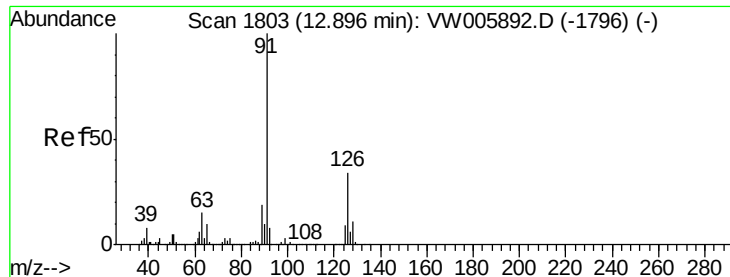
apatel
10/15/2018 10:03:17 AM



#78
n-propylbenzene
Concen: 50.70 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.0	36.0





#79

2-Chlorotoluene

Concen: 49.96 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006041.D

Acq: 12 Oct 2018 11:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 522539

Ion Ratio Lower Upper

91 100

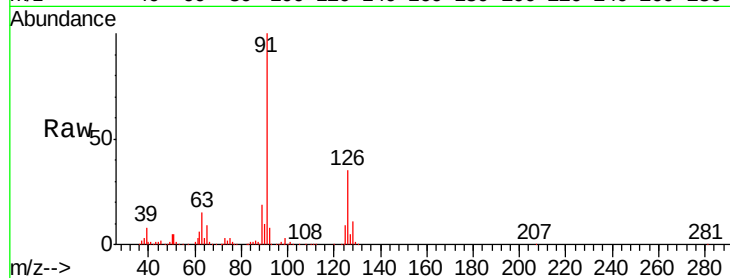
126 35.3 17.5 52.5

Manual Integrations

APPROVED

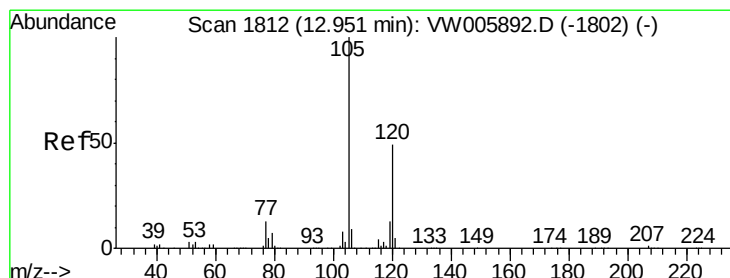
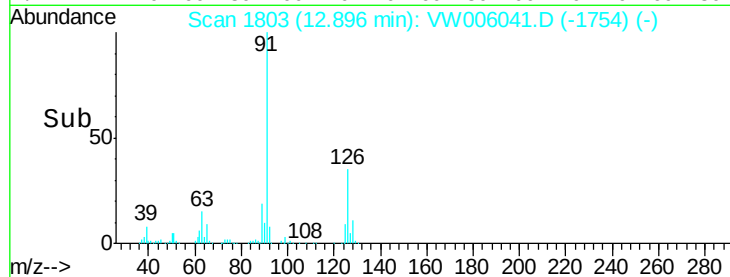
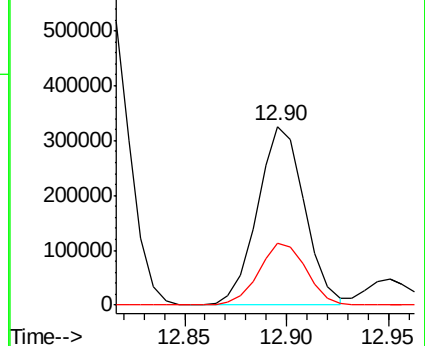
apatel

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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: 50.78 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006041.D

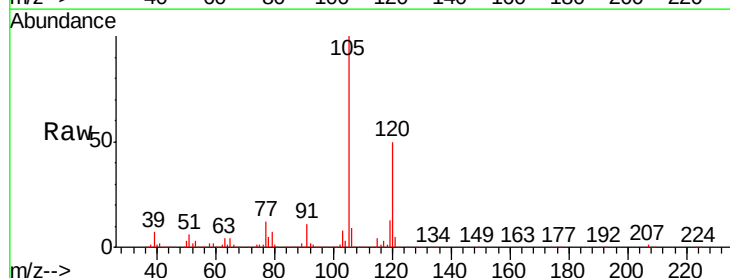
Acq: 12 Oct 2018 11:09

Tgt Ion: 105 Resp: 675212

Ion Ratio Lower Upper

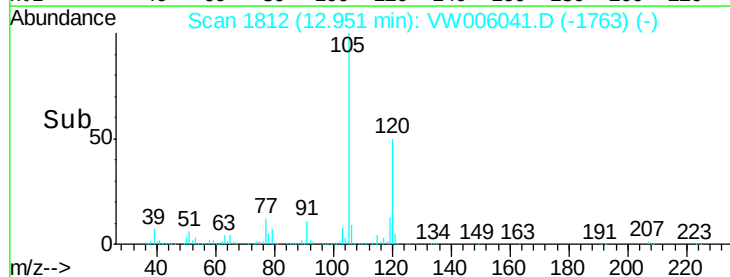
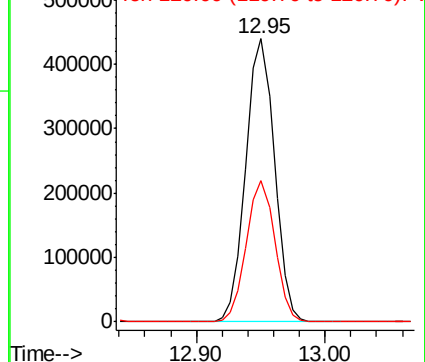
105 100

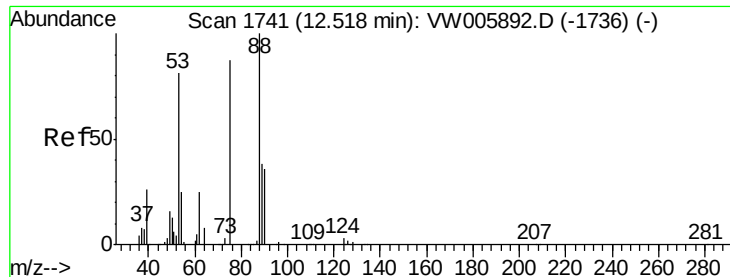
120 49.9 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





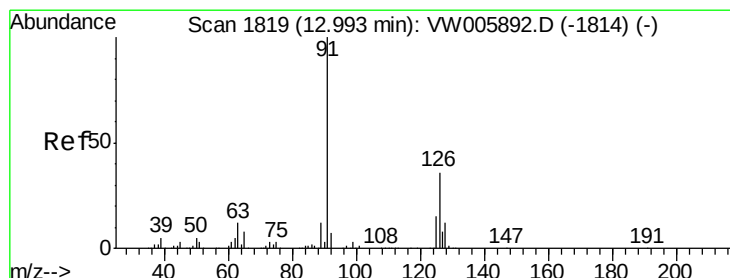
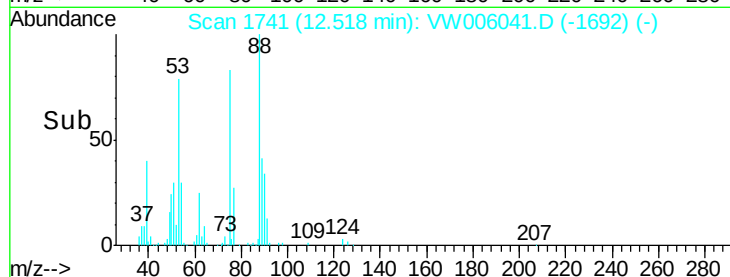
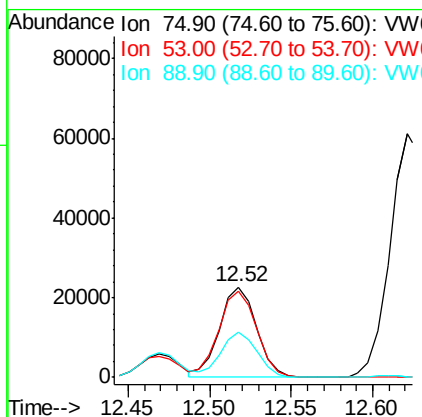
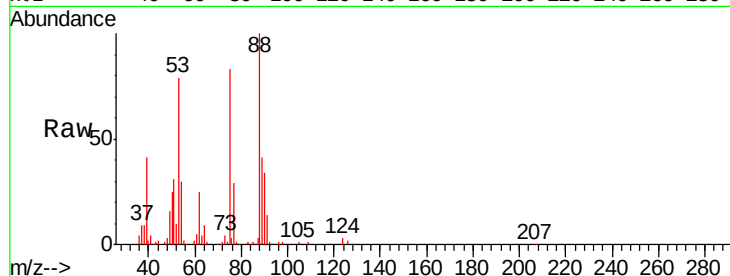
#81
trans-1,4-Dichloro-2-butene
Concen: 38.94 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	99.2	76.5	114.7
89	49.1	37.6	56.4

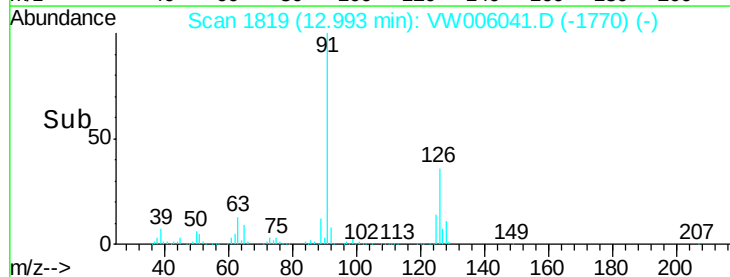
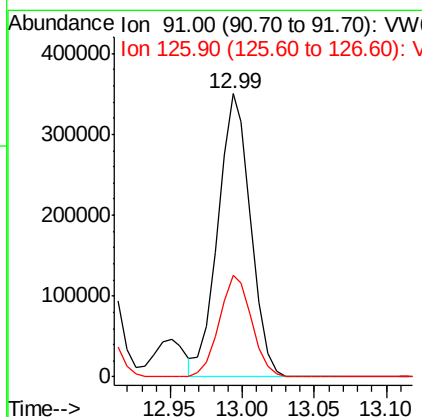
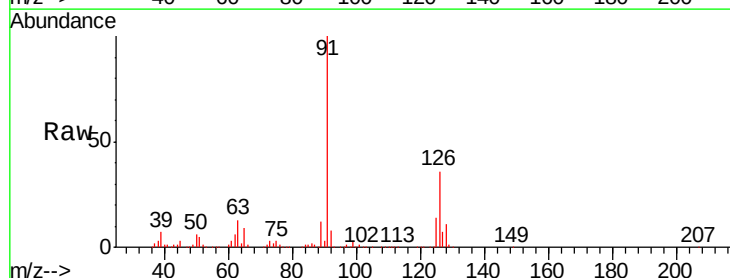
Manual Integrations
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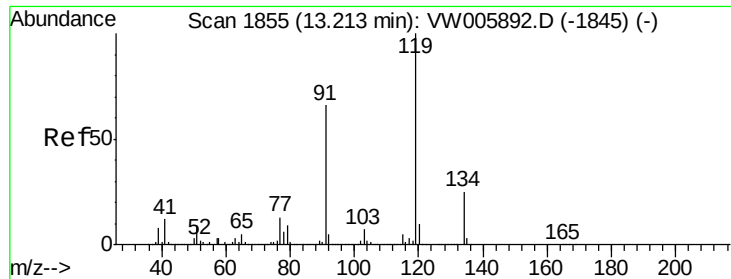
apatel
10/15/2018 10:03:17 AM



#82
4-Chlorotoluene
Concen: 50.24 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.4	52.2





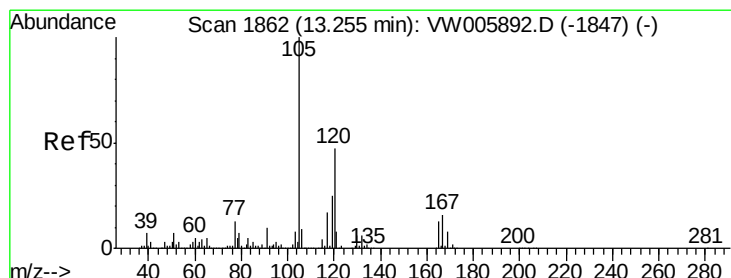
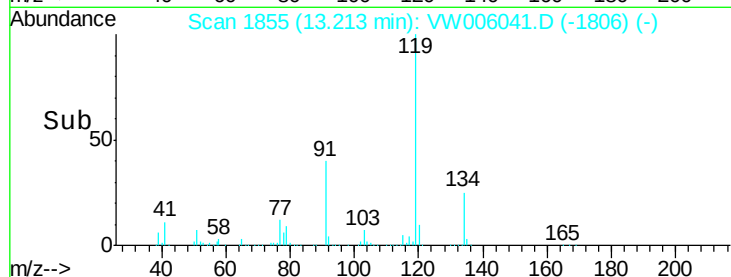
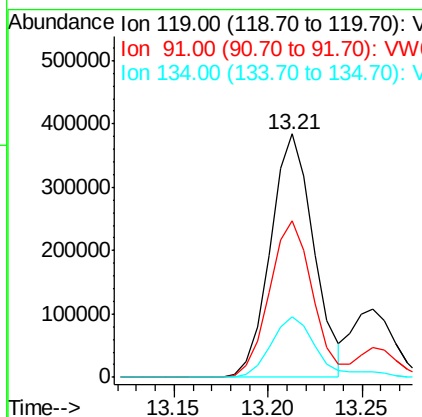
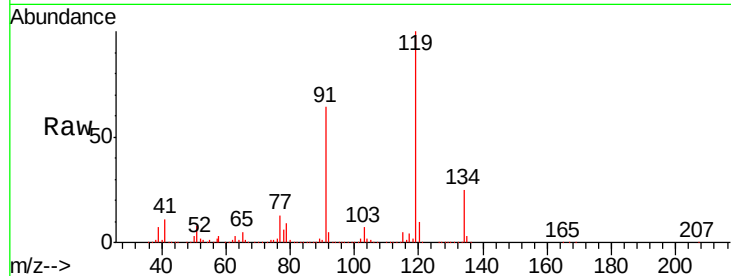
#83
 tert-Butylbenzene
 Concen: 51.74 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	611850		
91	64.7	32.4	97.0	
134	26.8	13.2	39.6	

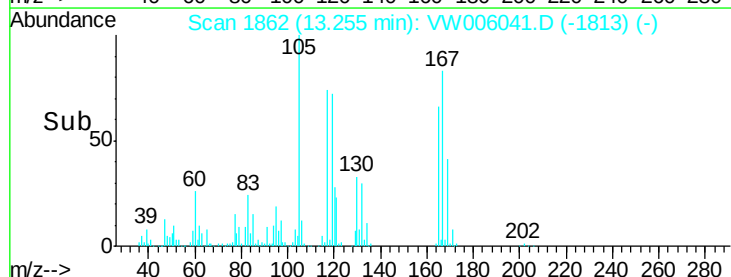
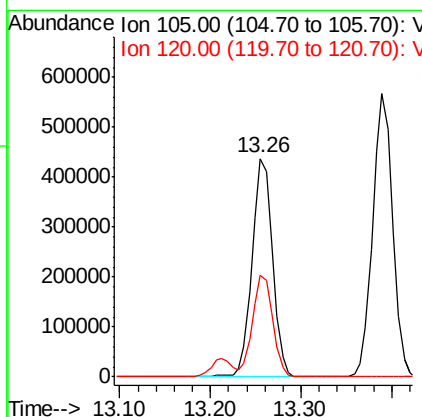
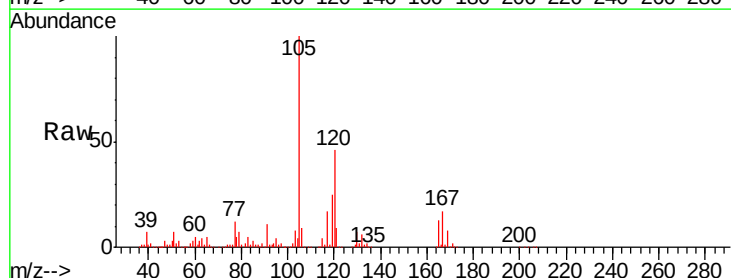
Manual Integrations
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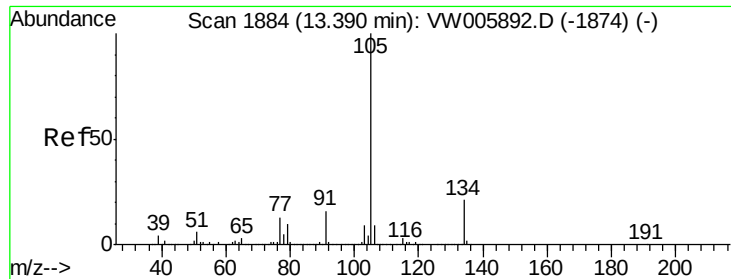
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.15 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	686083		
120	46.0	22.8	68.3	





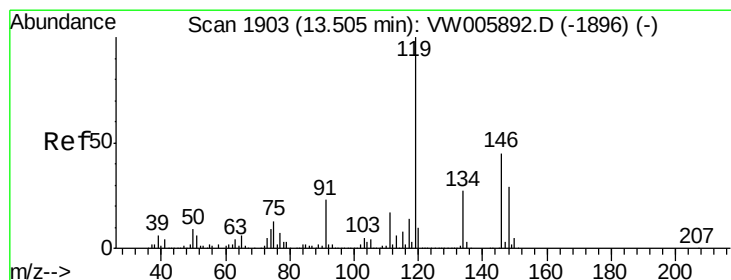
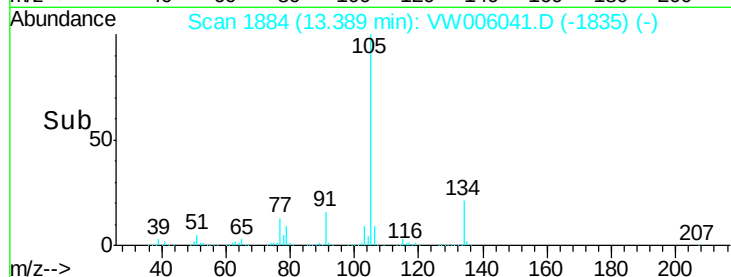
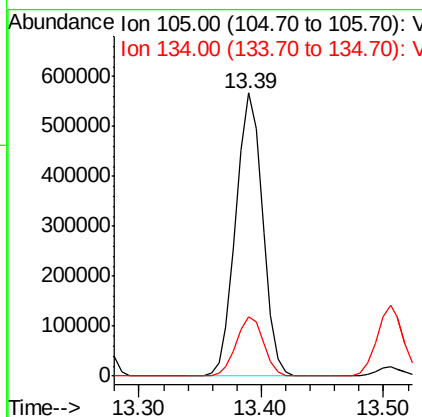
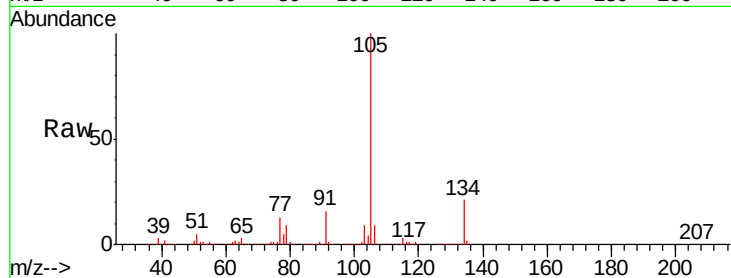
#85
 sec-Butylbenzene
 Concen: 51.97 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.4	31.4

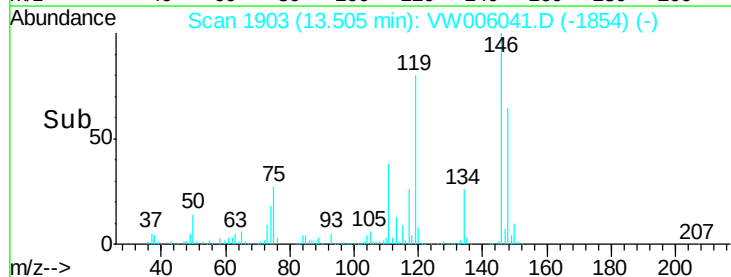
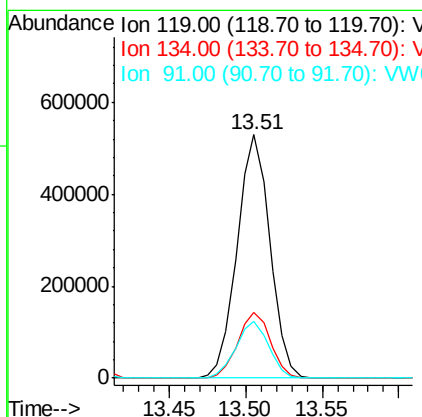
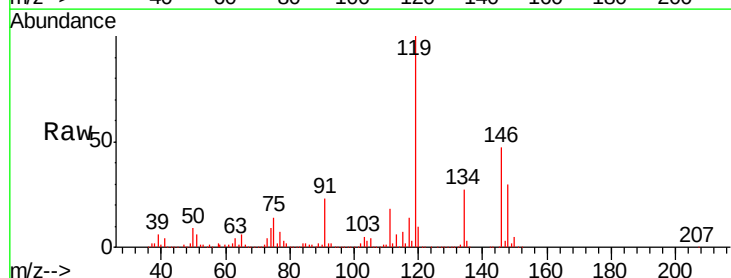
Manual Integrations
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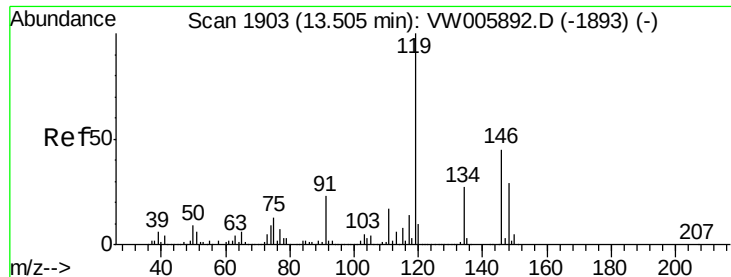
apatel
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#86
 p-Isopropyltoluene
 Concen: 52.54 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.5	40.5
91	23.3	11.9	35.5





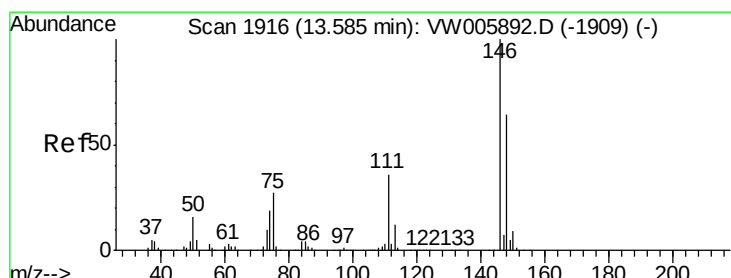
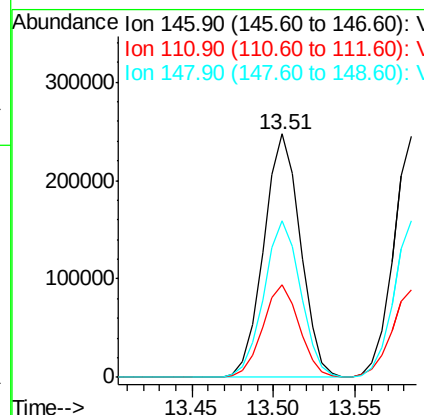
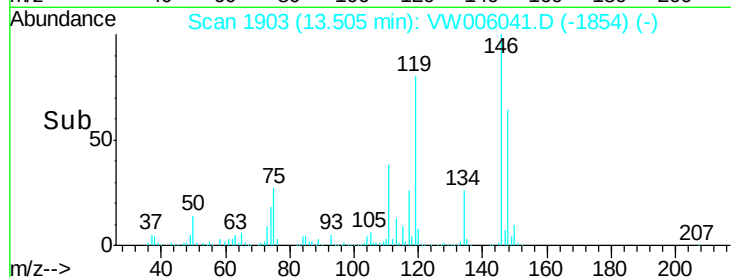
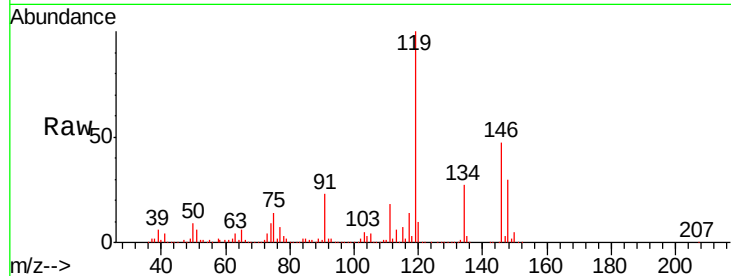
#87
 1,3-Dichlorobenzene
 Concen: 52.01 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.5	58.5
148	64.2	32.1	96.5

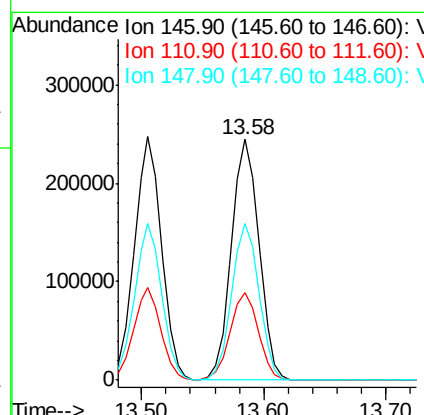
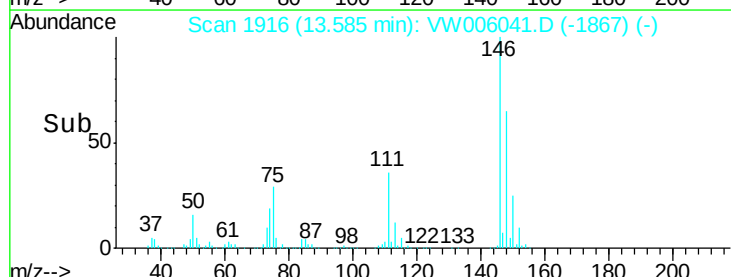
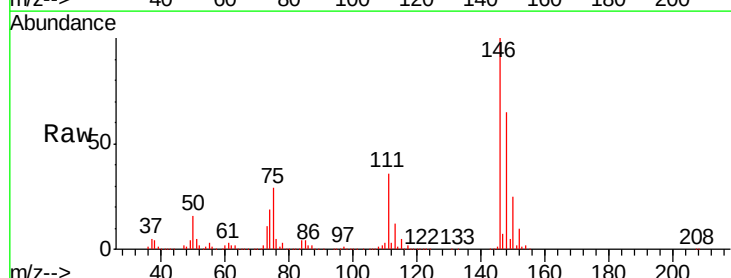
Manual Integrations
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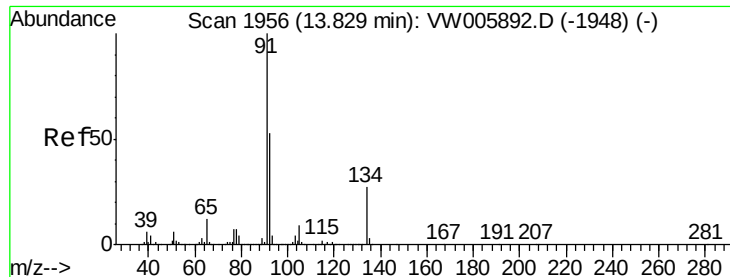
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 51.67 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.0	57.0
148	64.5	32.0	96.2





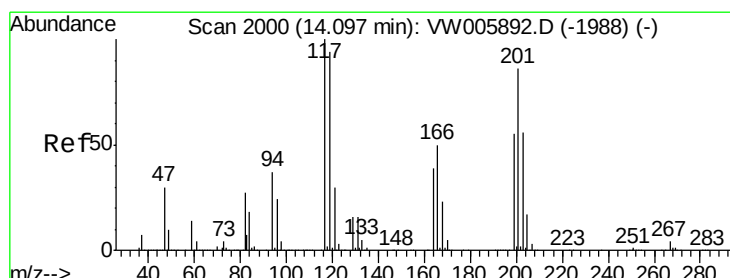
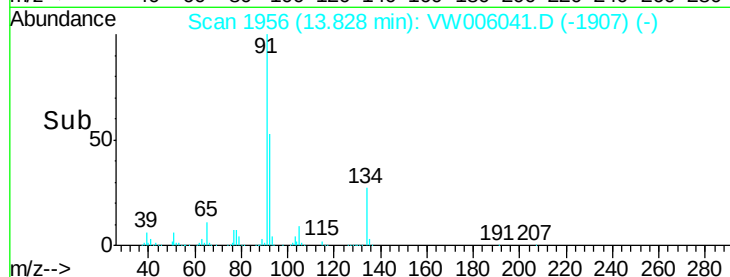
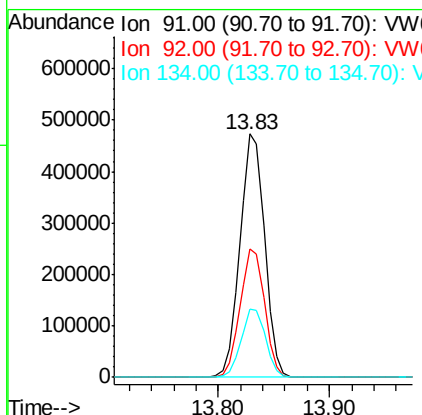
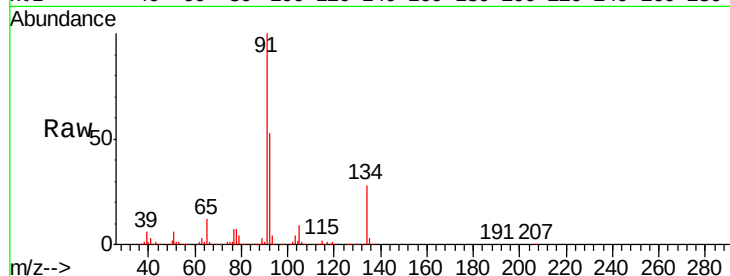
#89
n-Butylbenzene
Concen: 51.38 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.6	79.8
134	28.0	13.8	41.4

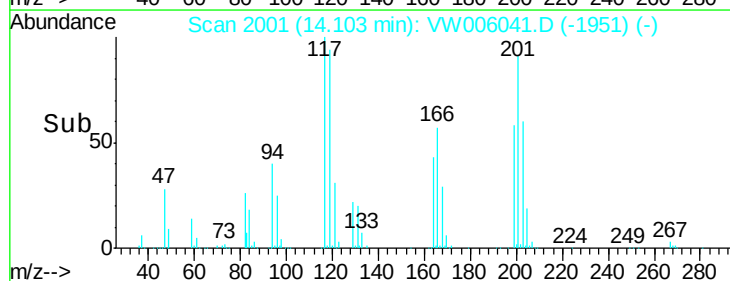
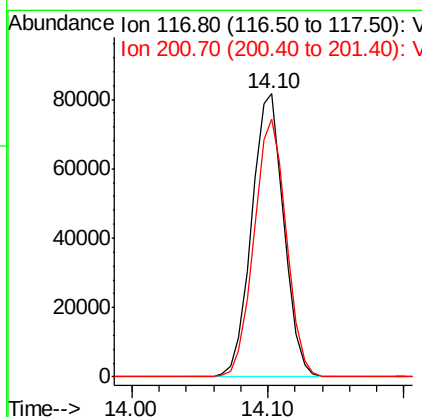
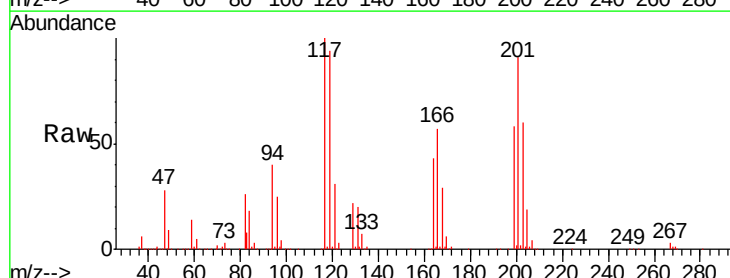
Manual Integrations
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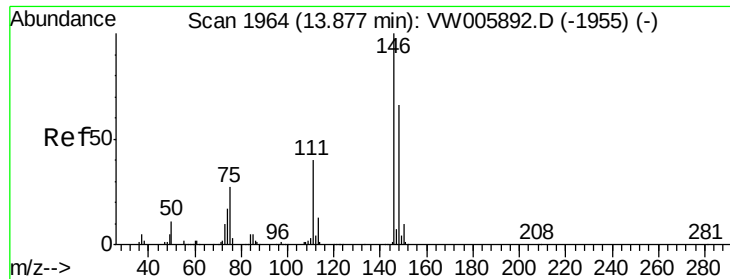
apatel
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#90
Hexachloroethane
Concen: 48.20 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.2	44.5	133.5





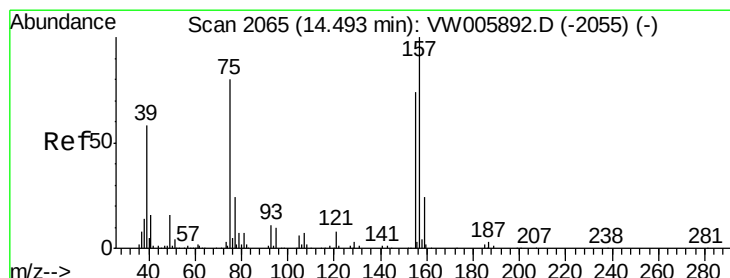
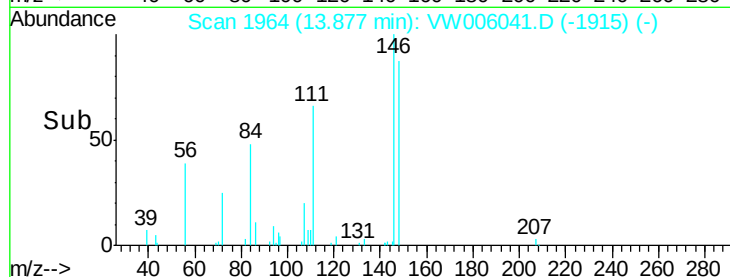
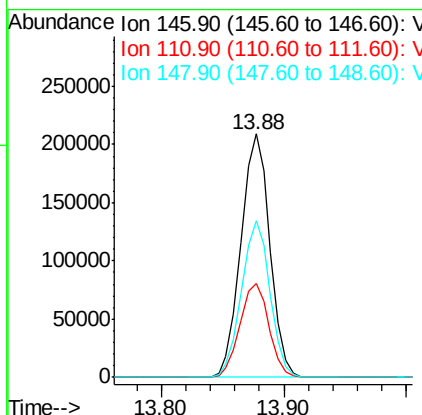
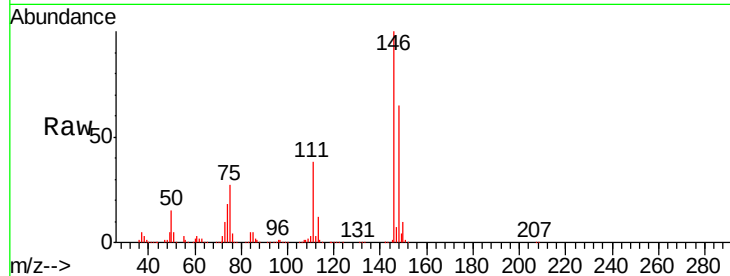
#91
 1,2-Dichlorobenzene
 Concen: 51.80 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	340941		
111	38.9	20.3	61.0	
148	63.9	32.5	97.4	

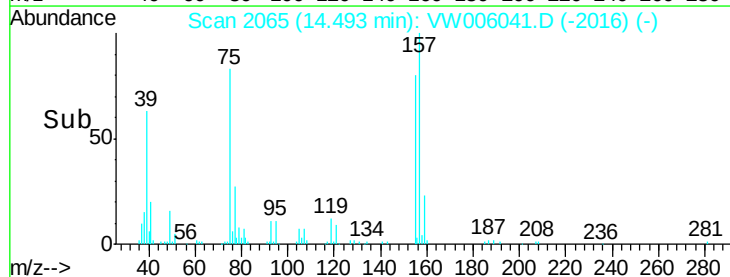
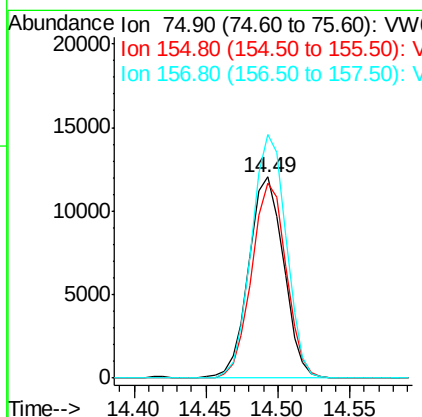
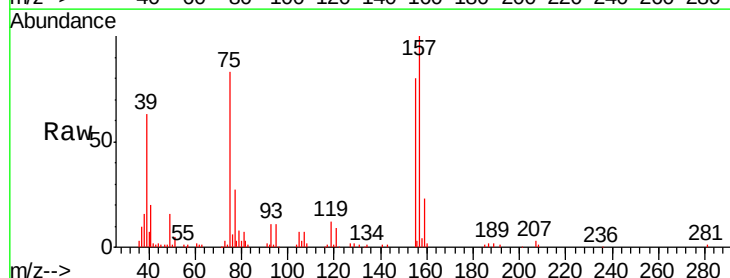
Manual Integrations
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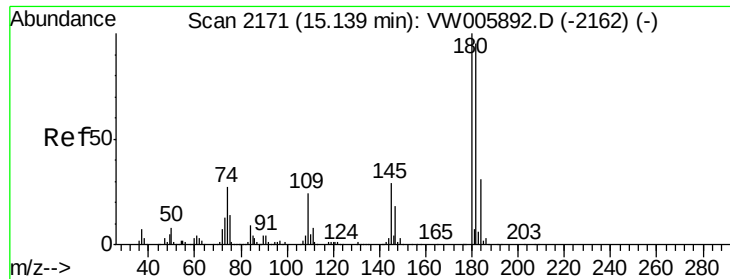
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.12 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006041.D
 Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20261		
155	95.6	44.8	134.3	
157	119.3	58.9	176.6	





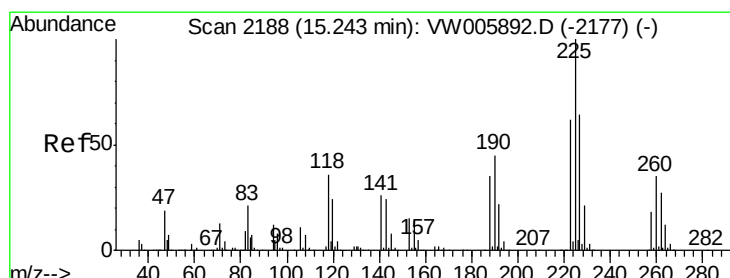
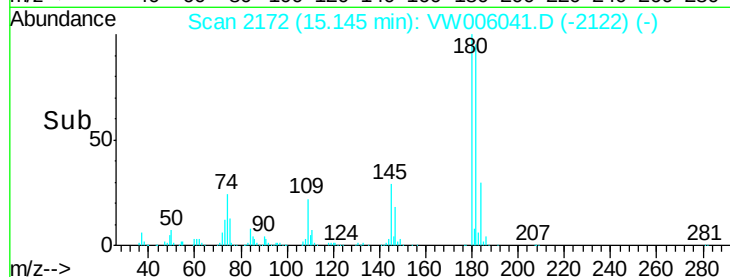
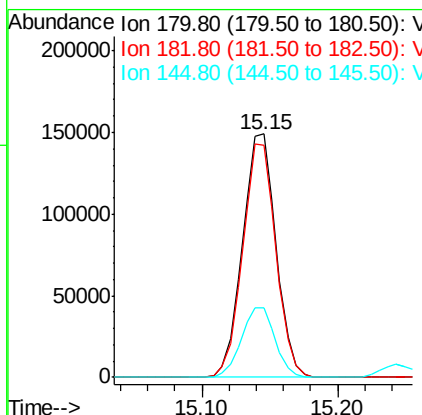
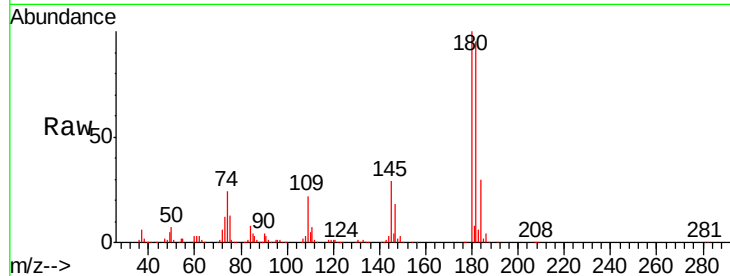
#93
1,2,4-Trichlorobenzene
Concen: 50.20 ug/l
RT: 15.15 min Scan# 2172
Delta R.T. 0.01 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	256180		
182	95.0	47.8	143.3	
145	28.9	14.5	43.6	

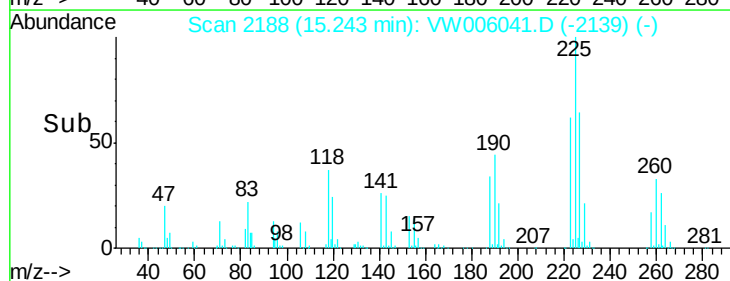
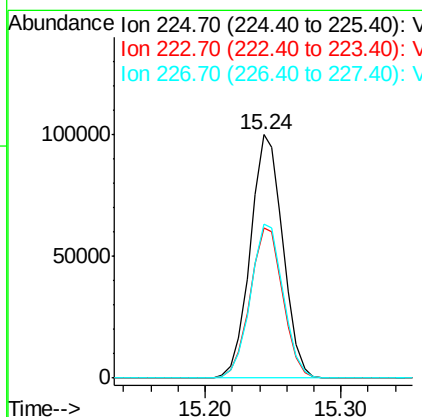
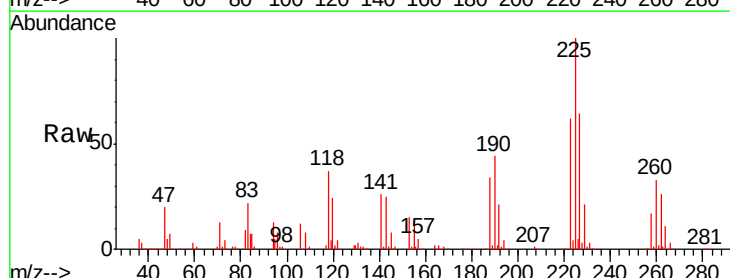
Manual Integrations
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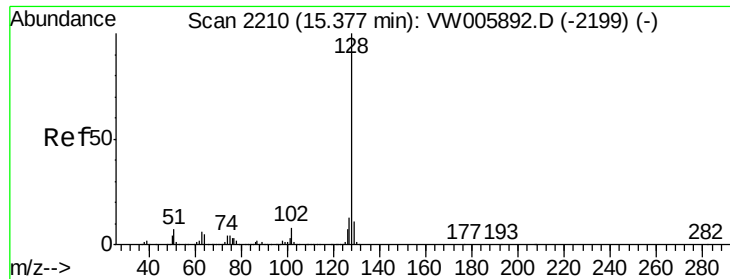
apatel
10/15/2018 10:03:17 AM



#94
Hexachlorobutadiene
Concen: 52.35 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	166735		
223	62.3	31.2	93.6	
227	63.8	31.9	95.9	





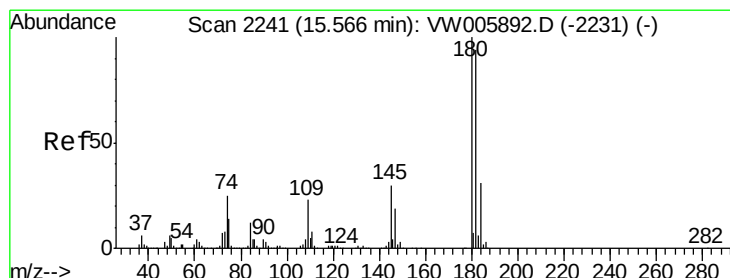
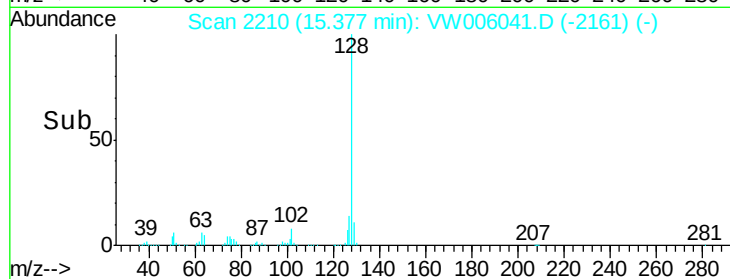
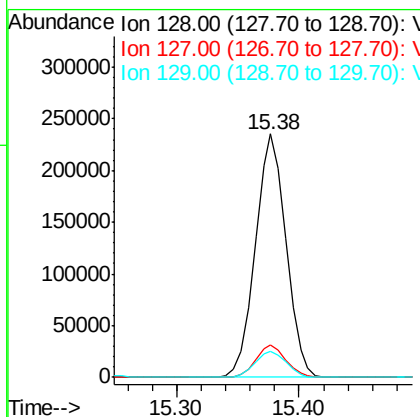
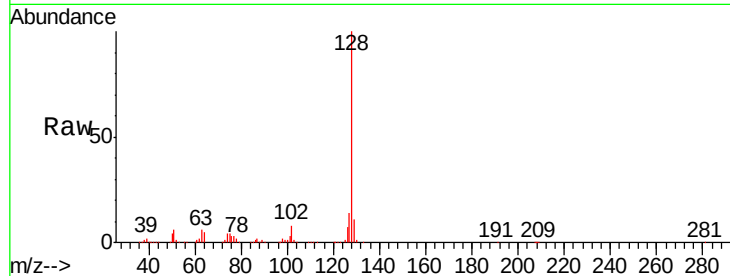
#95
Naphthalene
Concen: 46.59 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	409818		
127	13.2	10.5	15.7	
129	11.0	8.9	13.3	

Manual Integrations
APPROVED

apatel
10/15/2018 10:03:17 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.65 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006041.D
Acq: 12 Oct 2018 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	219399		
182	95.4	47.6	142.8	
145	30.3	15.3	45.9	

