

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005655.D
 Acq On : 26 Sep 2018 16:03
 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
 APPROVED

apatel
 9/27/2018 10:33:35 AM

Quant Time: Sep 27 06:44:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	228161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	334771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	309844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171026	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	126910	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
35) Dibromofluoromethane	7.88	113	106372	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	10.33	98	430039	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.62	95	161872	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	85943	63.512	ug/l	99
3) Chloromethane	2.21	50	87035	47.454	ug/l	100
4) Vinyl Chloride	2.37	62	127495	58.155	ug/l	98
5) Bromomethane	2.78	94	79633	53.749	ug/l	100
6) Chloroethane	2.93	64	74525	52.976	ug/l	98
7) Trichlorofluoromethane	3.26	101	83258	48.556	ug/l	100
8) Diethyl Ether	3.68	74	58436	52.171	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	119481	55.047	ug/l	99
10) Methyl Iodide	4.26	142	183523	54.980	ug/l	100
11) Tert butyl alcohol	5.20	59	38960	281.021	ug/l	100
12) 1,1-Dichloroethene	4.03	96	116004	55.825	ug/l	98
13) Acrolein	3.89	56	21602	231.288	ug/l	99
14) Allyl chloride	4.66	41	196070	54.066	ug/l	100
15) Acrylonitrile	5.37	53	130761	262.938	ug/l	98
16) Acetone	4.13	43	138927	331.865	ug/l	98
17) Carbon Disulfide	4.37	76	378938	58.365	ug/l	99
18) Methyl Acetate	4.67	43	63374	49.746	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	170802	53.253	ug/l	99
20) Methylene Chloride	4.92	84	121951	54.542	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	125846	55.293	ug/l	99
22) Diisopropyl ether	6.31	45	365329	51.894	ug/l	98
23) Vinyl Acetate	6.26	43	1116011	277.353	ug/l	99
24) 1,1-Dichloroethane	6.21	63	229180	52.691	ug/l	99
25) 2-Butanone	7.18	43	174084	266.661	ug/l	95
26) 2,2-Dichloropropane	7.17	77	154976	51.037	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	136383	54.329	ug/l	99
28) Bromochloromethane	7.51	49	78503	45.564	ug/l	98
29) Tetrahydrofuran	7.53	42	111442	273.246	ug/l	98
30) Chloroform	7.68	83	238040	53.010	ug/l	96
31) Cyclohexane	7.96	56	219835	52.755	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	209513	52.816	ug/l	99
36) 1,1-Dichloropropene	8.09	75	198110	58.786	ug/l	99
37) Ethyl Acetate	7.26	43	77586	54.708	ug/l	100
38) Carbon Tetrachloride	8.07	117	206420	57.160	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	238119	59.889	ug/l	99
40) Benzene	8.32	78	519147	54.370	ug/l	98
41) Methacrylonitrile	7.49	41	42056	52.113	ug/l	91
42) 1,2-Dichloroethane	8.40	62	166364	54.419	ug/l	99
43) Isopropyl Acetate	8.43	43	151417	54.304	ug/l	99
44) Trichloroethene	9.10	130	137949	56.442	ug/l	100
45) 1,2-Dichloropropane	9.37	63	123575	52.605	ug/l	100
46) Dibromomethane	9.46	93	63562	54.154	ug/l	97
47) Bromodichloromethane	9.65	83	172551	54.727	ug/l	100
48) Methyl methacrylate	9.44	41	75075	56.688	ug/l	96
49) 1,4-Dioxane	9.46	88	20781	1113.618	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	390964	278.395	ug/l	100
52) Toluene	10.39	92	332809	55.861	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	180398	57.073	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	200721	56.677	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	90393	54.255	ug/l	99
56) Ethyl methacrylate	10.65	69	120119	58.404	ug/l	99
57) 1,3-Dichloropropane	10.94	76	159545	54.031	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	244456	262.203	ug/l	98
59) 2-Hexanone	10.97	43	280292	293.803	ug/l	99
60) Dibromochloromethane	11.13	129	112972	56.119	ug/l	99
61) 1,2-Dibromoethane	11.24	107	84188	54.196	ug/l	95
64) Tetrachloroethene	10.87	164	119637	54.403	ug/l	99
65) Chlorobenzene	11.66	112	355897	54.107	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.74	131	129932	54.885	ug/l	99
67) Ethyl Benzene	11.74	91	663671	56.844	ug/l	100
68) m/p-Xylenes	11.84	106	503720	114.197	ug/l	99
69) o-Xylene	12.17	106	235111	56.913	ug/l	100
70) Styrene	12.19	104	398766	57.359	ug/l	100
71) Bromoform	12.35	173	71196	56.657	ug/l #	99
73) Isopropylbenzene	12.47	105	677719	57.142	ug/l	100
74) N-amyl acetate	12.28	43	150138	55.905	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	107550	54.594	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	89632m	61.481	ug/l	
77) Bromobenzene	12.75	156	153137	55.089	ug/l	98
78) n-propylbenzene	12.81	91	815224	56.774	ug/l	99
79) 2-Chlorotoluene	12.90	91	461745	55.582	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	585404	56.764	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	36914	57.029	ug/l	99
82) 4-Chlorotoluene	12.99	91	488107	55.609	ug/l	100
83) tert-Butylbenzene	13.21	119	496521	57.307	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	596457	57.312	ug/l	99
85) sec-Butylbenzene	13.39	105	722580	57.504	ug/l	99
86) p-Isopropyltoluene	13.51	119	654782	58.135	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	312815	55.034	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	309413	54.733	ug/l	100
89) n-Butylbenzene	13.83	91	614779	57.869	ug/l	99
90) Hexachloroethane	14.10	117	110161	53.964	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	277447	55.294	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20533	54.706	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	205462	57.401	ug/l	99
94) Hexachlorobutadiene	15.25	225	127034	54.782	ug/l	98
95) Naphthalene	15.38	128	358855	59.603	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	178619	56.624	ug/l	99

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

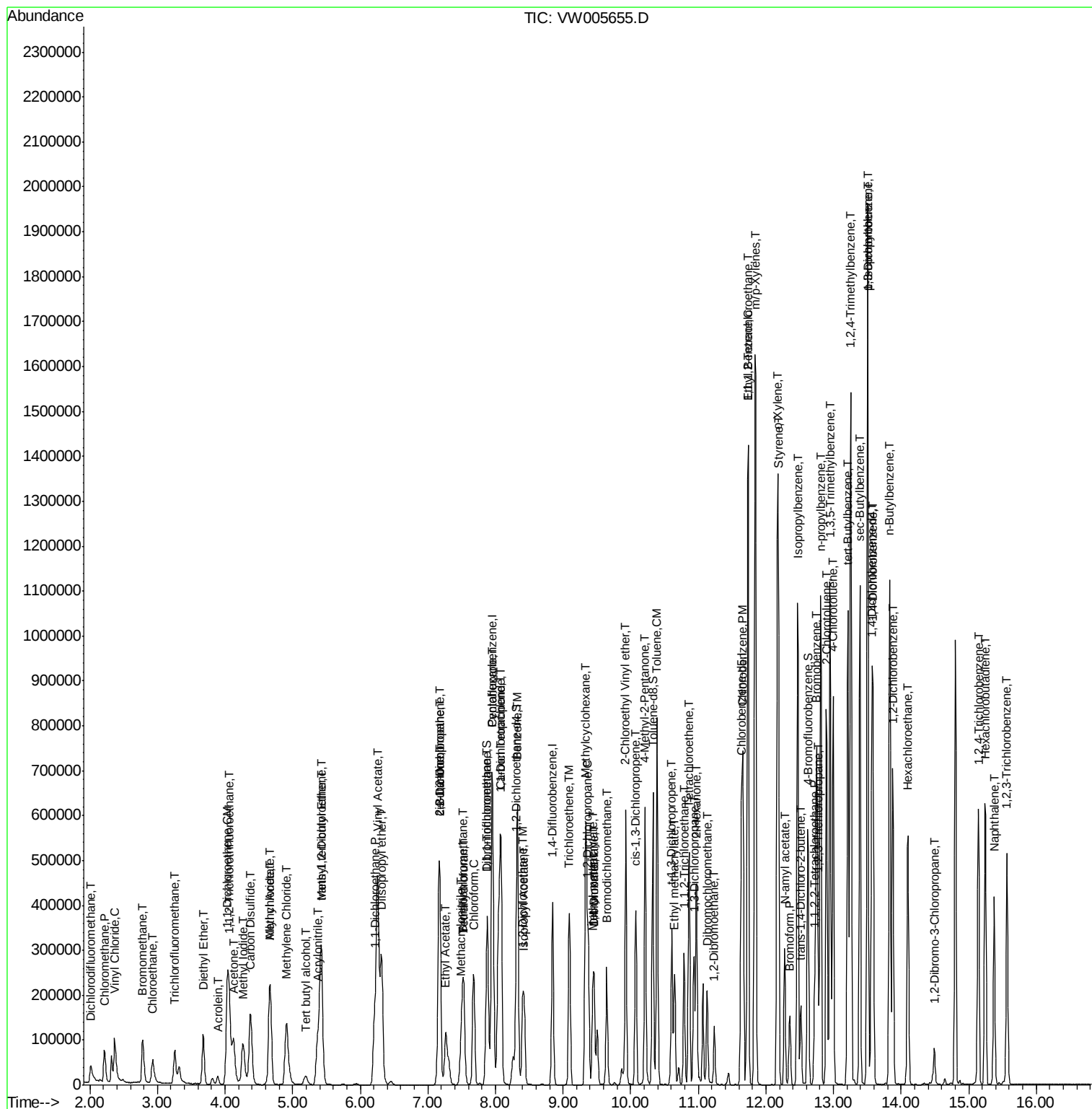
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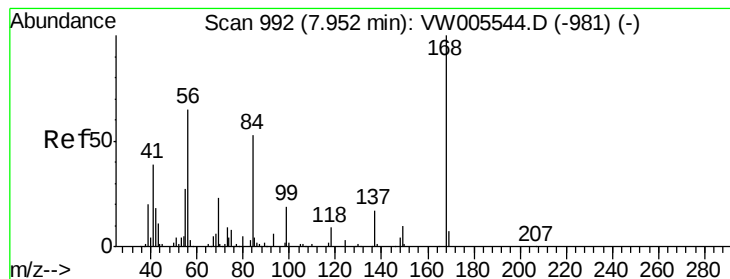
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 228161

Ion Ratio Lower Upper

168 100

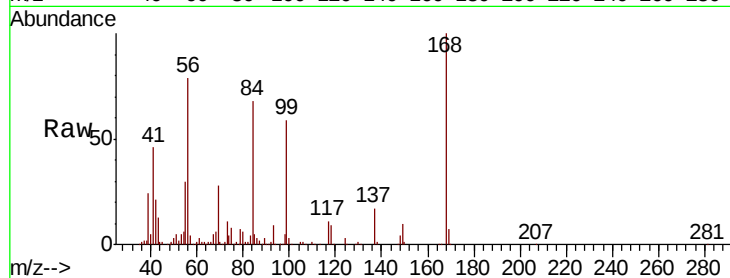
99 59.3 48.4 72.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

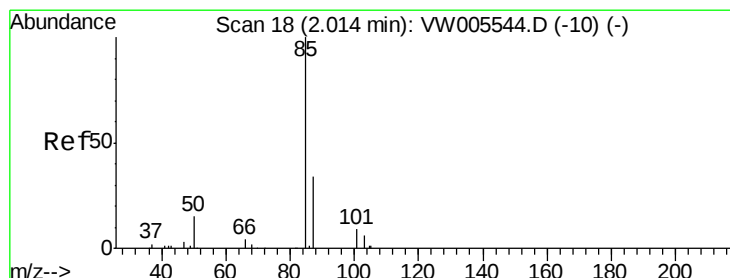
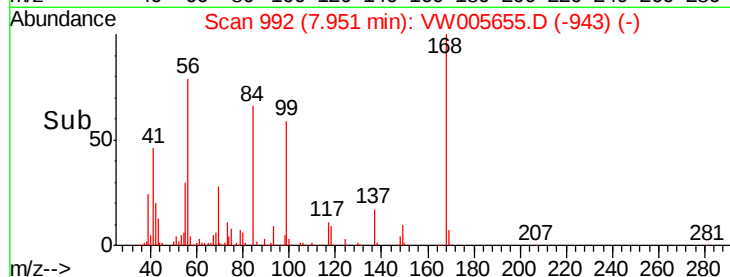
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 63.512 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005655.D

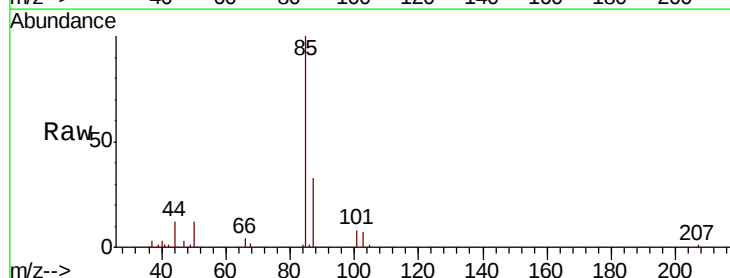
Acq: 26 Sep 2018 16:03

Tgt Ion: 85 Resp: 85943

Ion Ratio Lower Upper

85 100

87 33.2 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

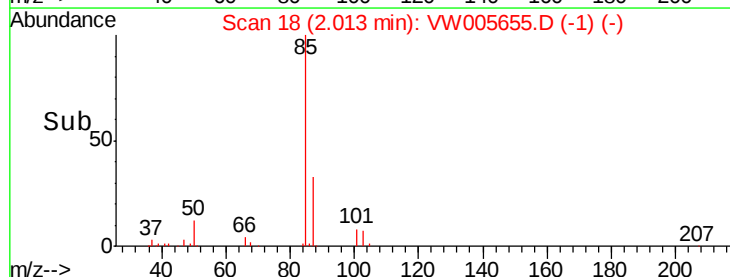
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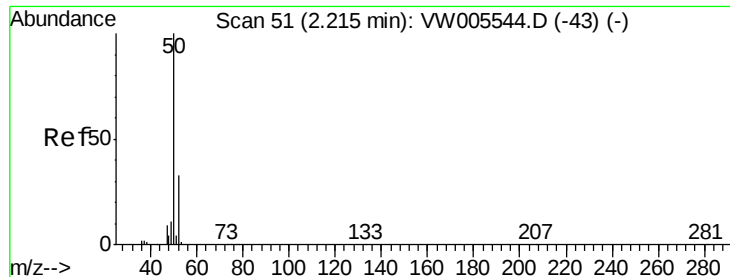
10000

5000

0

Time-->





#3

Chloromethane

Concen: 47.454 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 87035

Ion Ratio Lower Upper

50 100

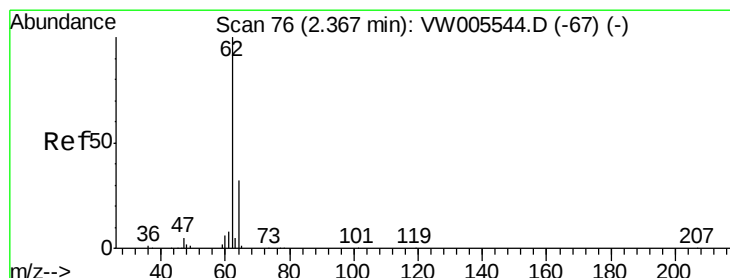
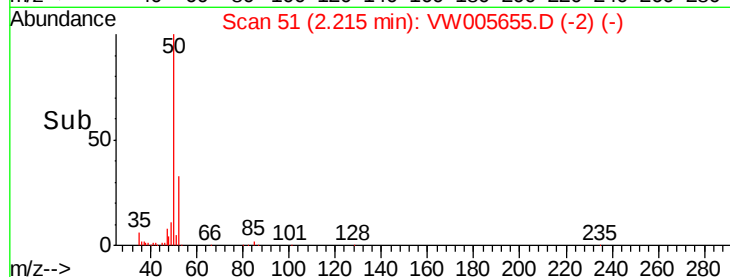
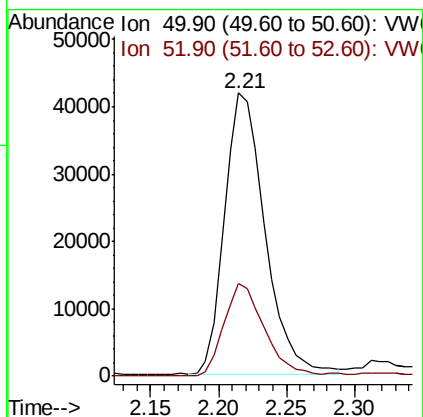
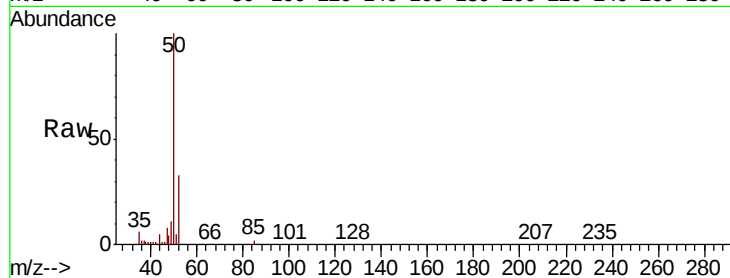
52 32.7 26.2 39.4

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#4

Vinyl Chloride

Concen: 58.155 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005655.D

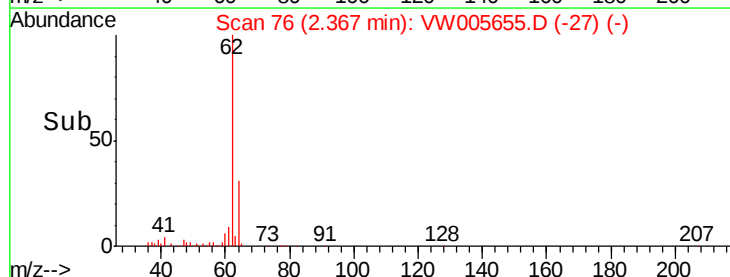
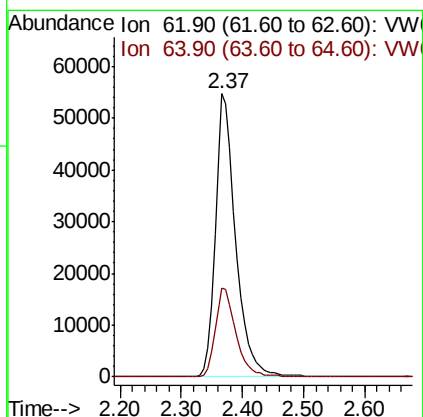
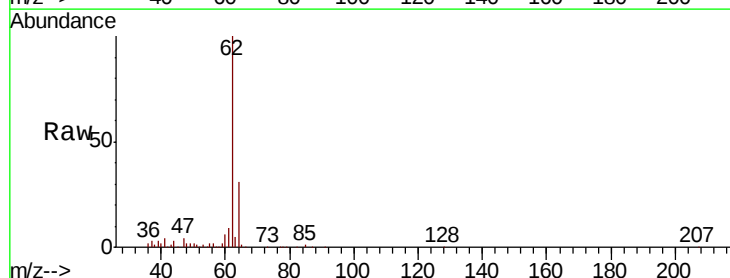
Acq: 26 Sep 2018 16:03

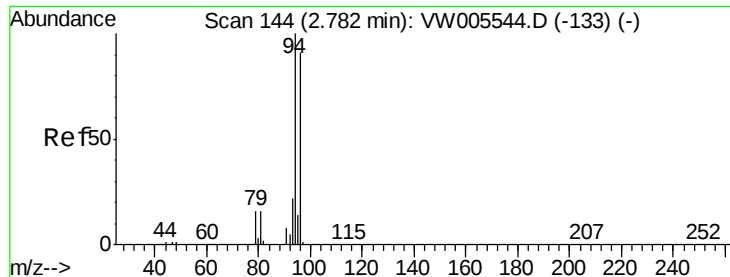
Tgt Ion: 62 Resp: 127495

Ion Ratio Lower Upper

62 100

64 31.2 25.7 38.5





#5

Bromomethane

Concen: 53.749 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 94 Resp: 79633

Ion Ratio Lower Upper

94 100

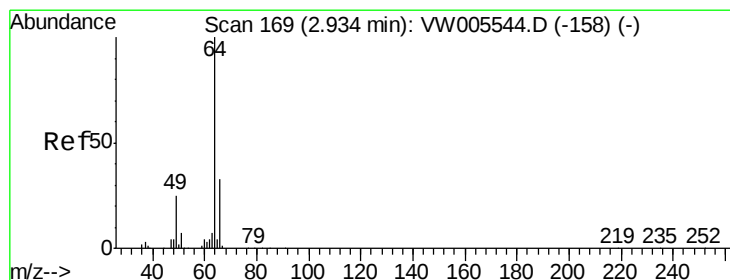
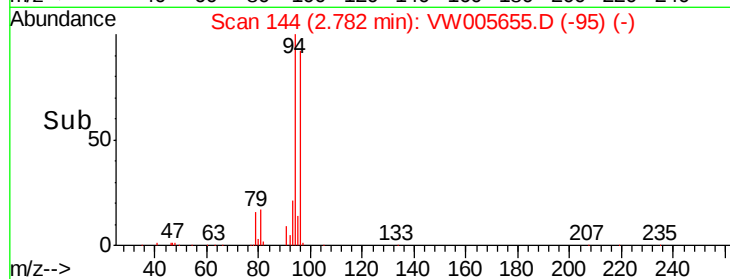
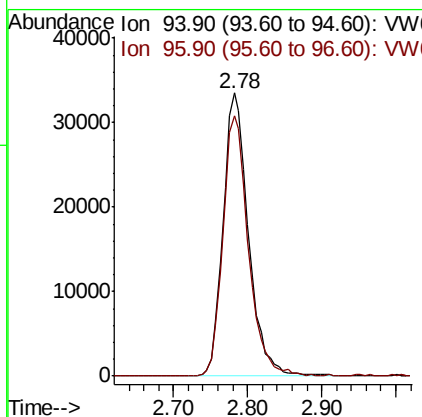
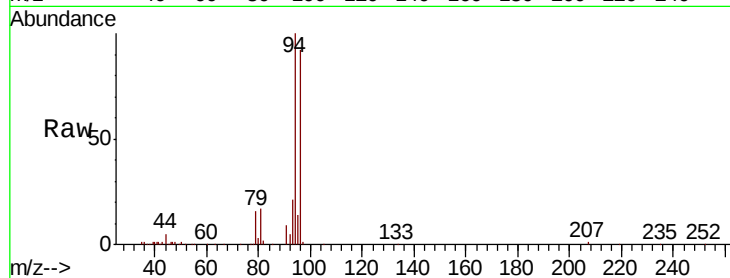
96 91.9 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 52.976 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005655.D

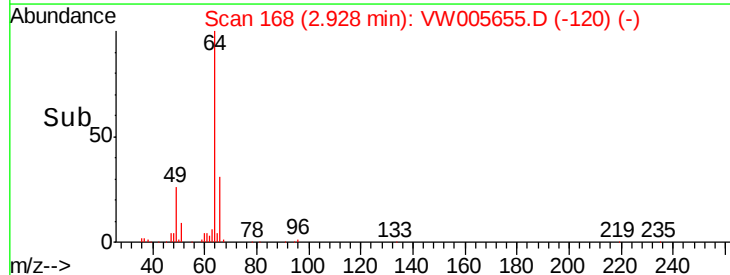
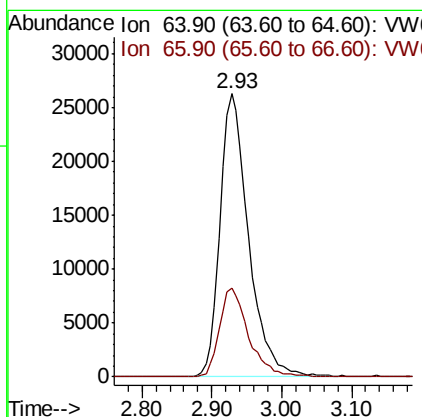
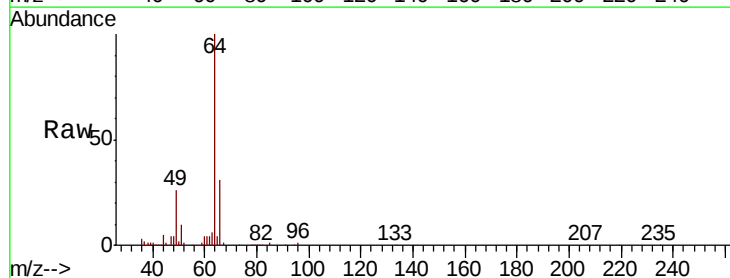
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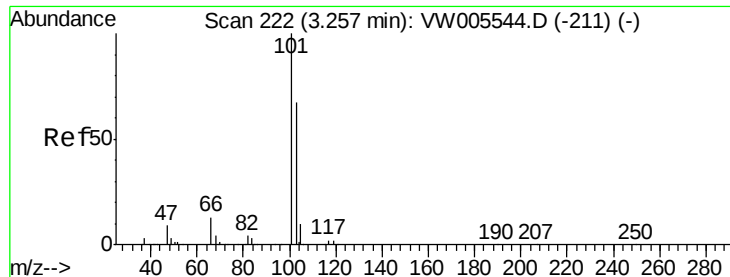
Tgt Ion: 64 Resp: 74525

Ion Ratio Lower Upper

64 100

66 31.4 26.0 39.0





#7

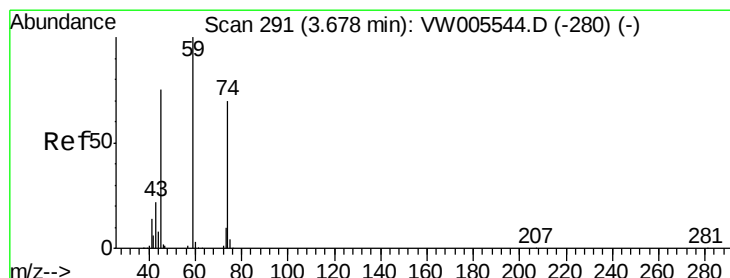
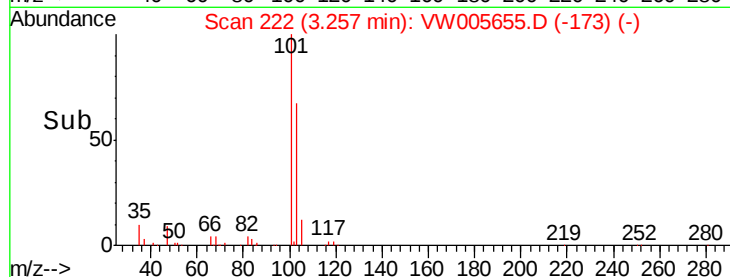
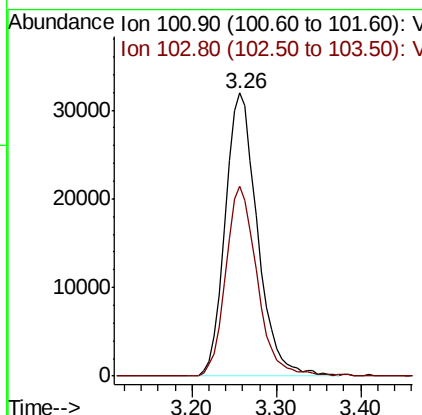
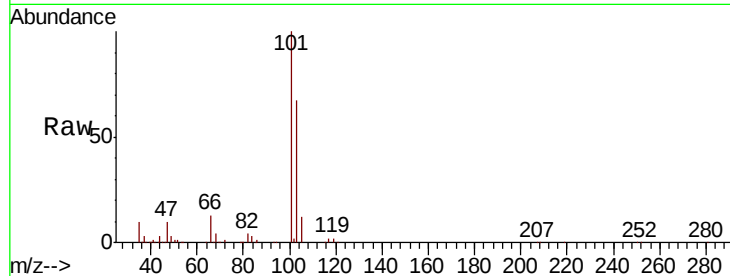
Trichlorofluoromethane
Concen: 48.556 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.9	53.2	79.8

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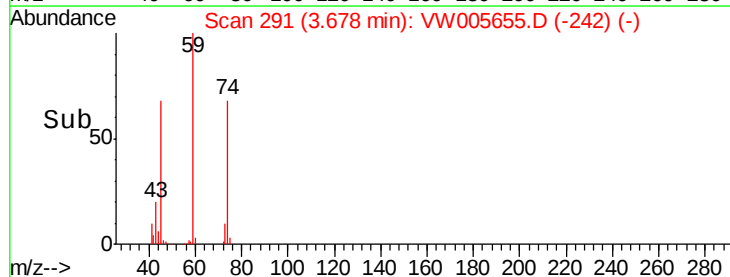
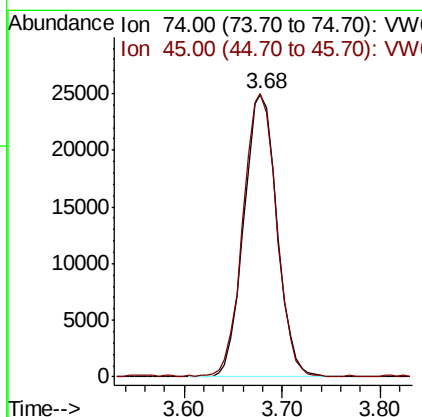
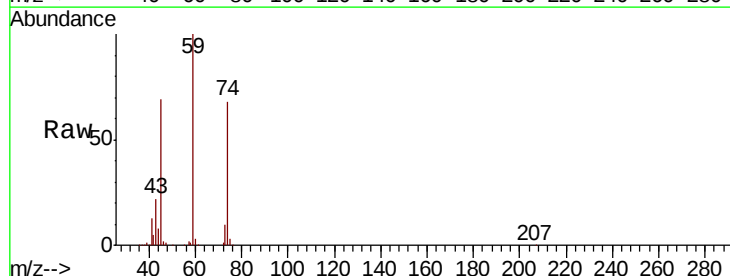
apatel
9/27/2018 10:33:35 AM

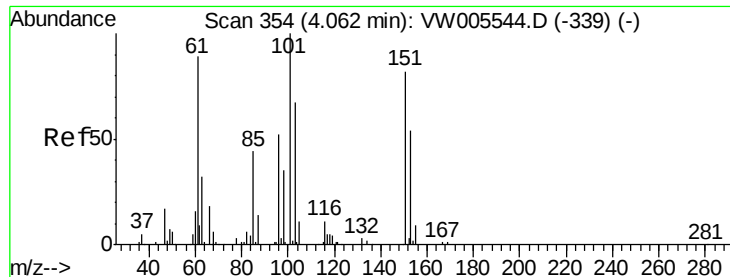


#8

Diethyl Ether
Concen: 52.171 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.8	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.047 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

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MSVOA_W

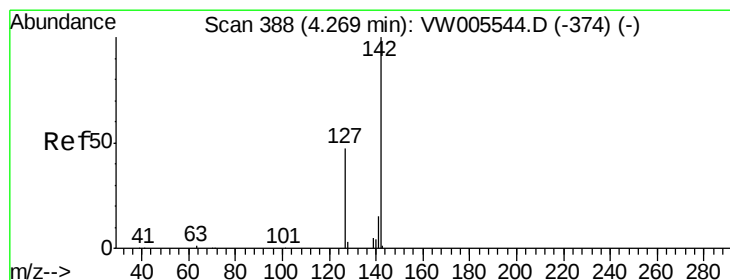
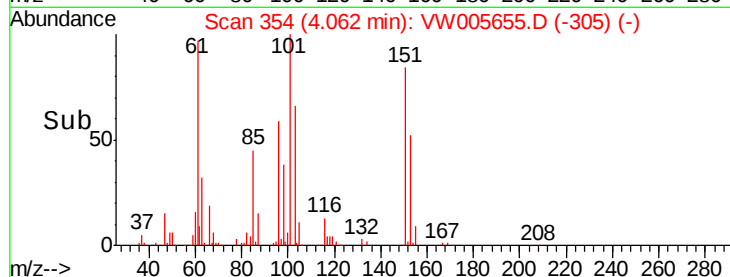
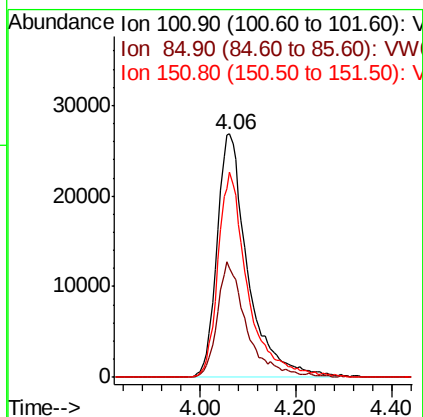
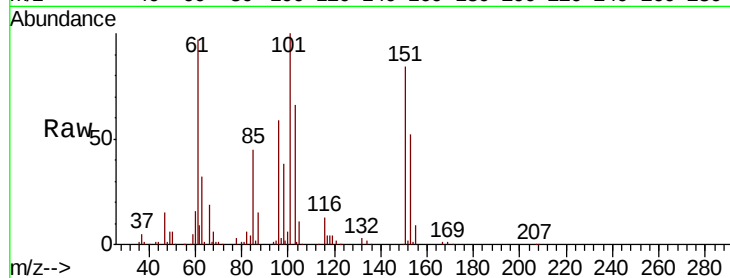
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	119481
Ion Ratio	Lower	Upper	
101	100		
85	44.7	36.4	54.6
151	80.7	65.8	98.6

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#10

Methyl Iodide

Concen: 54.980 ug/l

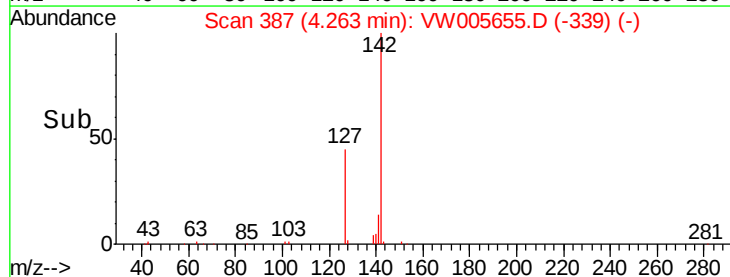
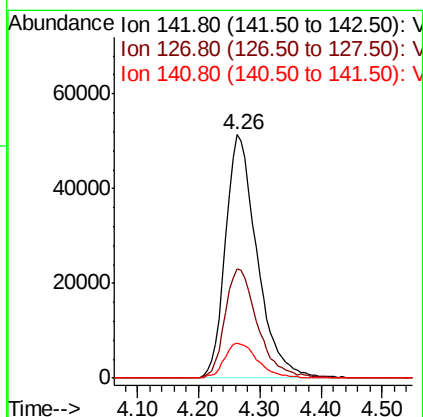
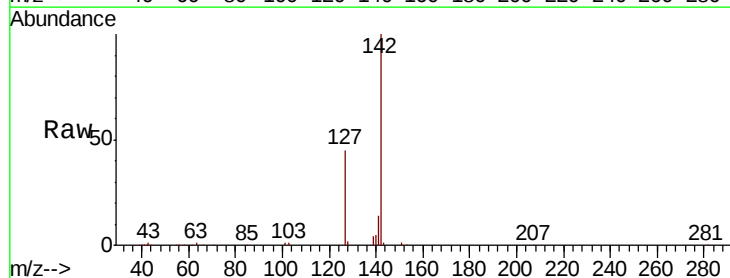
RT: 4.26 min Scan# 387

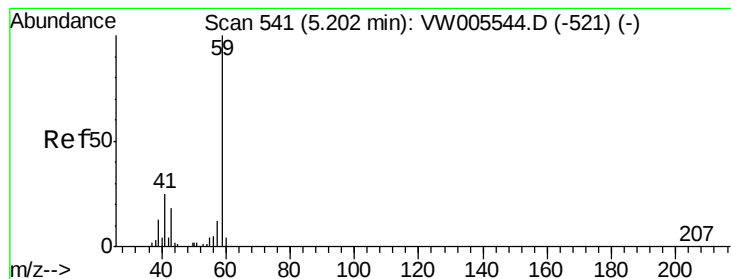
Delta R.T. -0.01 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Tgt Ion:	142	Resp:	183523
Ion Ratio	Lower	Upper	
142	100		
127	46.5	37.4	56.0
141	15.2	11.9	17.9





#11

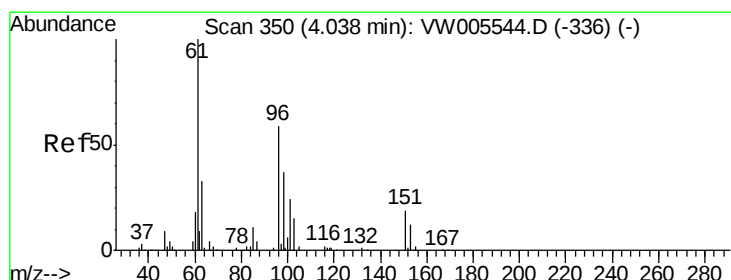
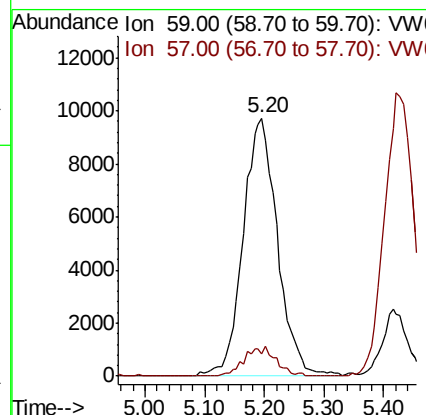
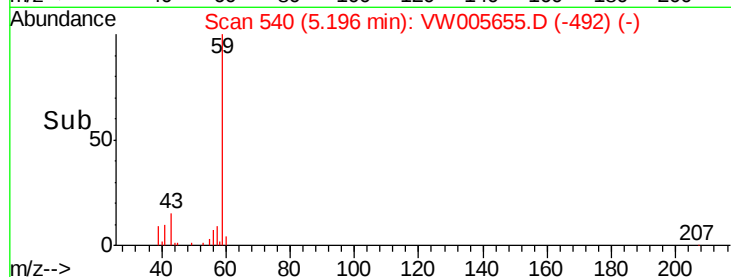
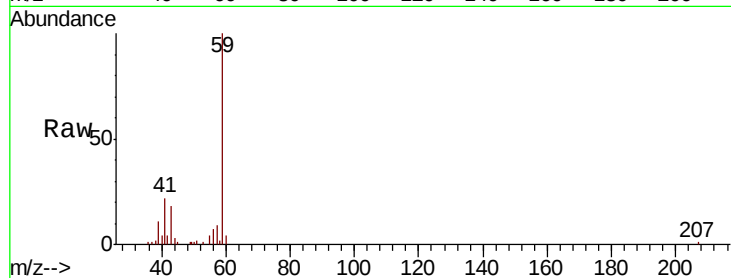
Tert butyl alcohol
Concen: 281.021 ug/l
RT: 5.20 min Scan# 540
Delta R.T. -0.01 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	38960		
57	57	10.6		8.3	12.5

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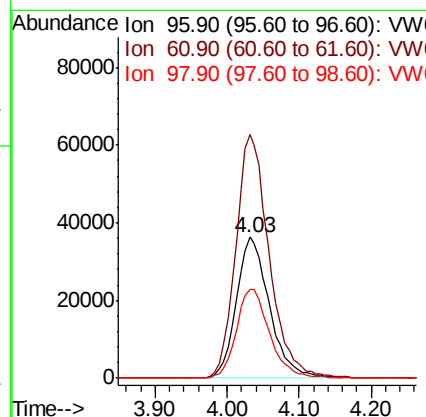
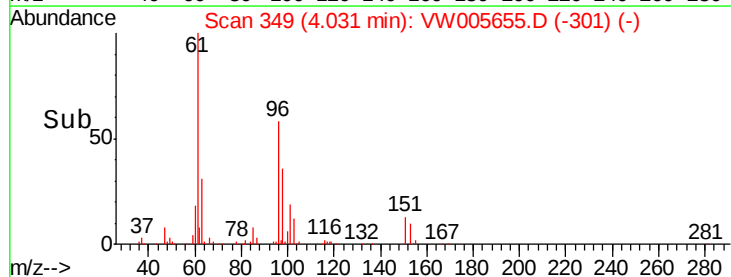
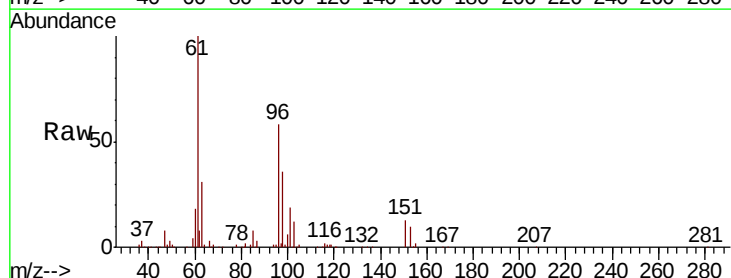
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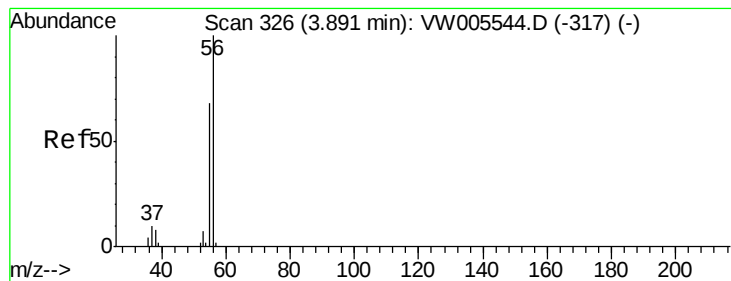


#12

1,1-Dichloroethene
Concen: 55.825 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	116004		
61	61	173.1		135.0	202.6
98	98	63.0		50.6	76.0





#13

Acrolein

Concen: 231.288 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 21602

Ion Ratio Lower Upper

56 100

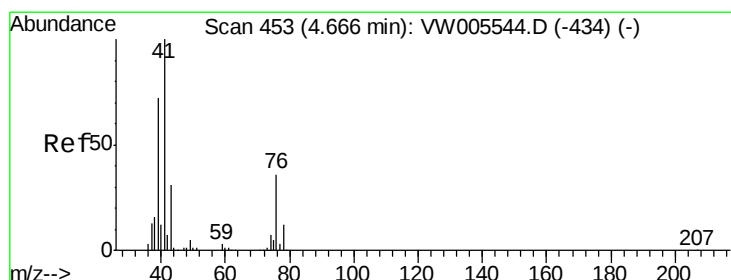
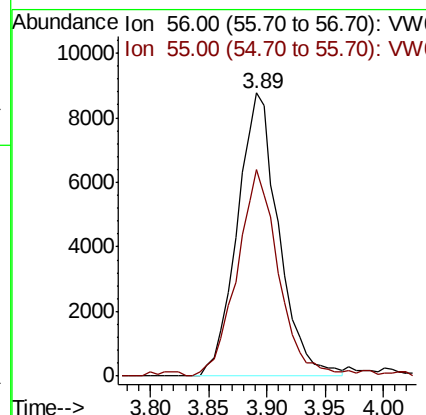
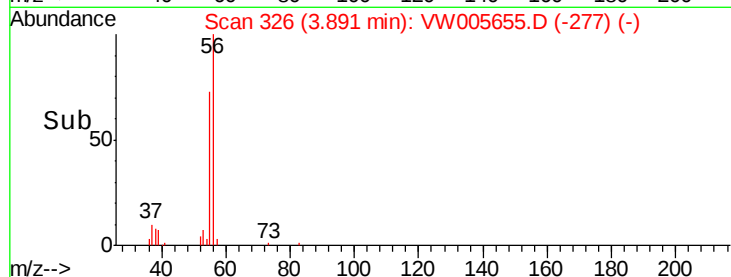
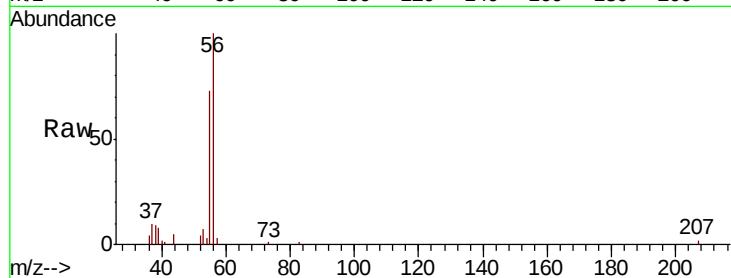
55 72.9 57.8 86.8

Manual Integrations

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#14

Allyl chloride

Concen: 54.066 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

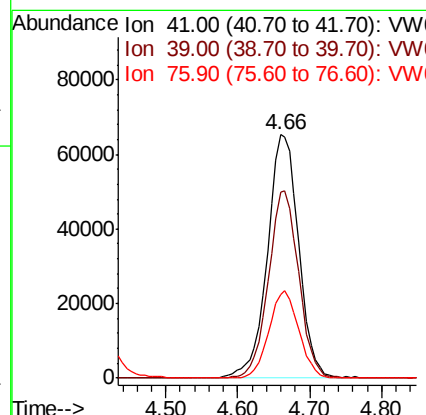
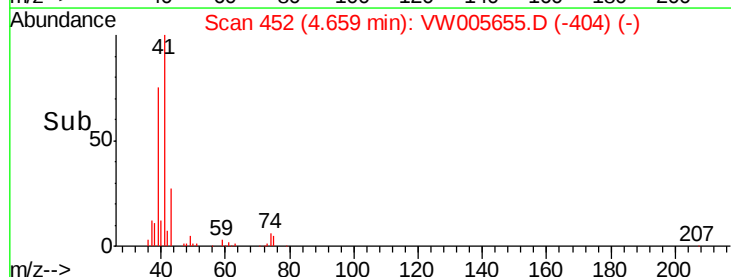
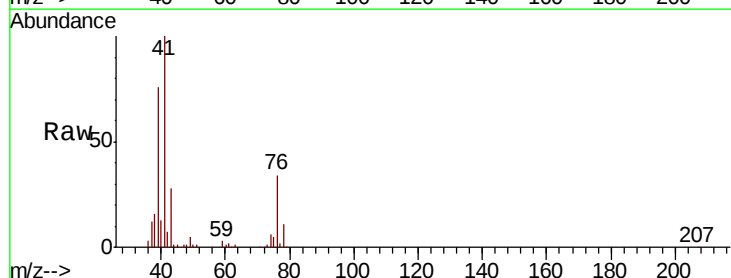
Tgt Ion: 41 Resp: 196070

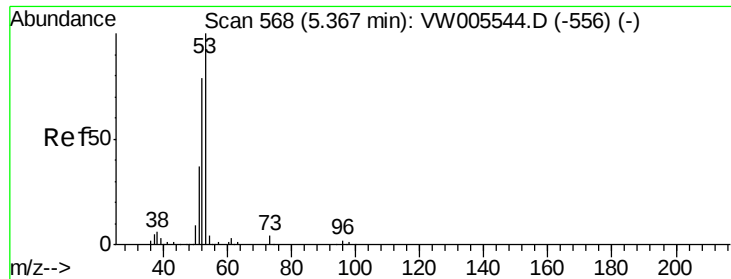
Ion Ratio Lower Upper

41 100

39 75.0 59.6 89.4

76 34.6 27.7 41.5





#15

Acrylonitrile

Concen: 262.938 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Instrument :

MSVOA_W

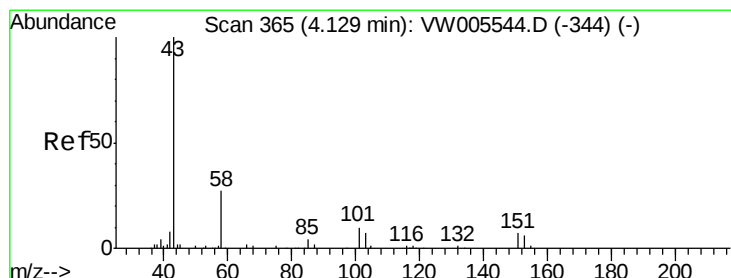
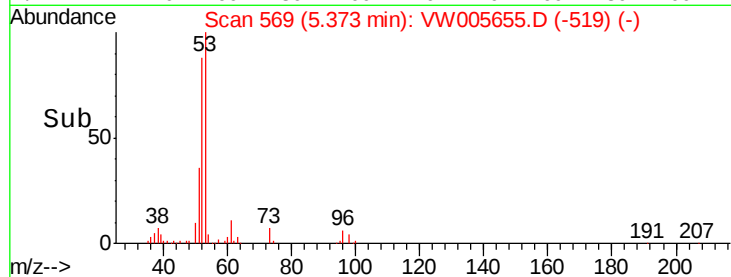
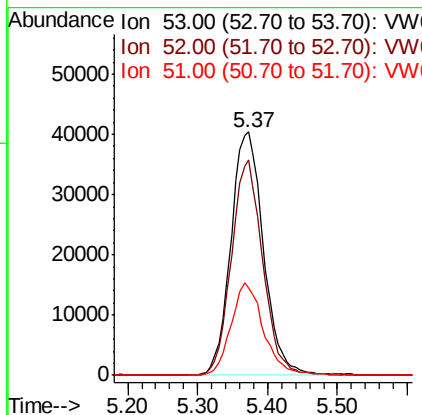
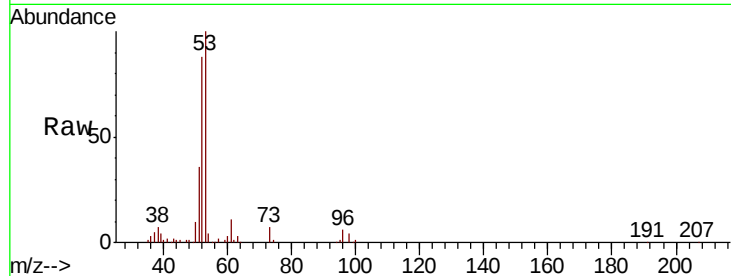
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	130761
Ion Ratio	Lower	Upper	
53	100		
52	84.8	66.5	99.7
51	37.9	30.6	46.0

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#16

Acetone

Concen: 331.865 ug/l

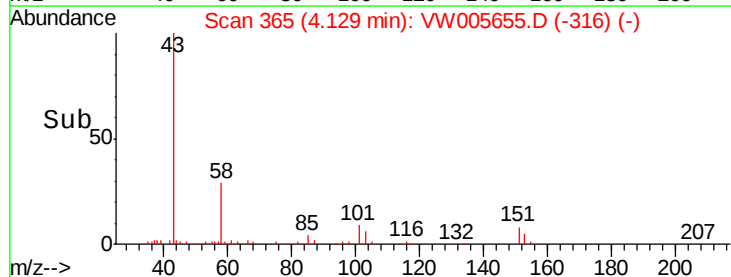
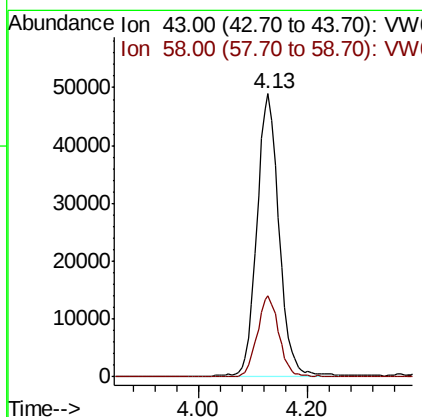
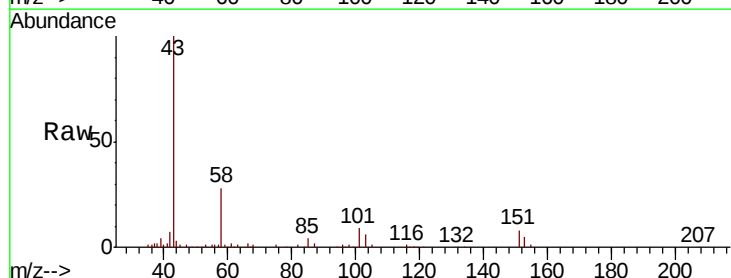
RT: 4.13 min Scan# 365

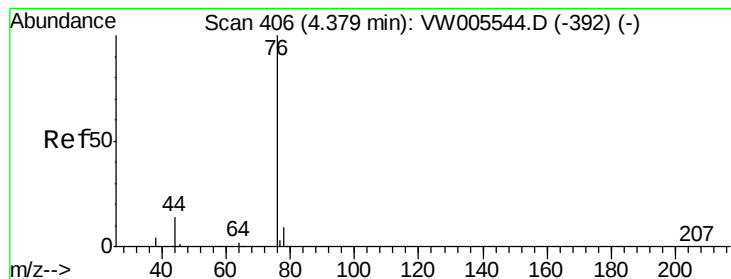
Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Tgt Ion:	43	Resp:	138927
Ion Ratio	Lower	Upper	
43	100		
58	28.5	21.8	32.8





#17

Carbon Disulfide

Concen: 58.365 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 378938

Ion Ratio Lower Upper

76 100

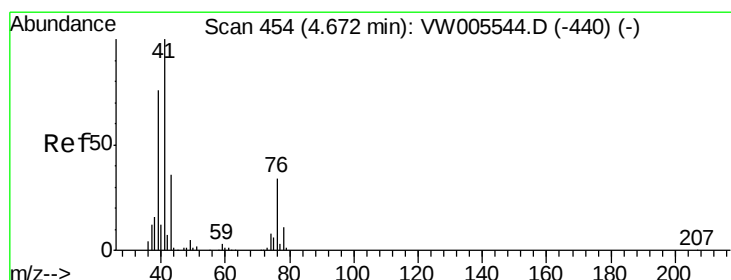
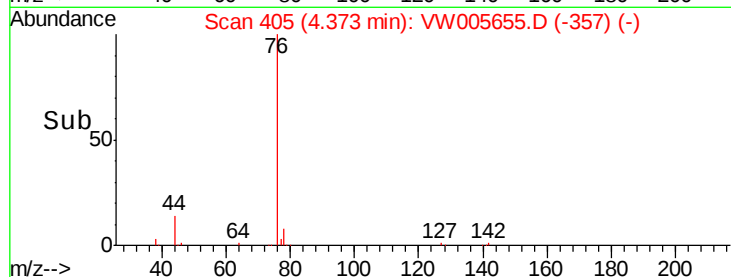
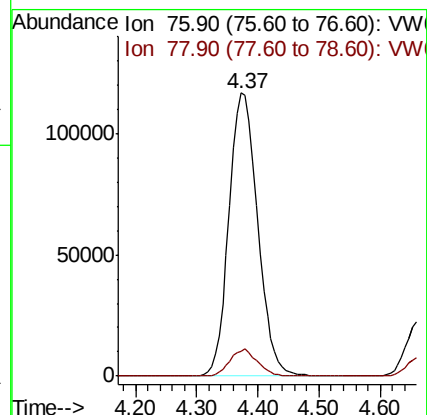
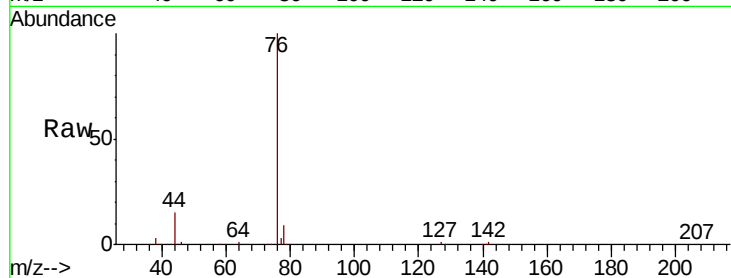
78 8.8 7.4 11.0

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#18

Methyl Acetate

Concen: 49.746 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW005655.D

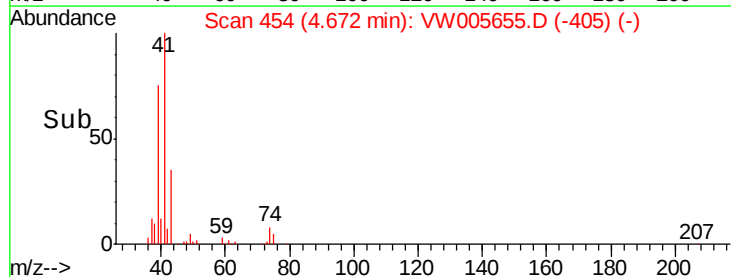
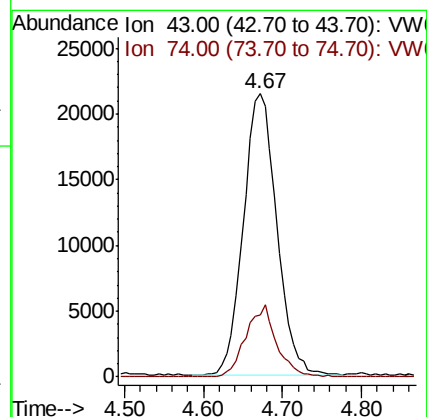
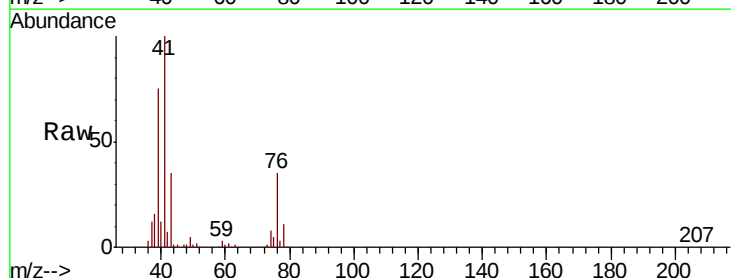
Acq: 26 Sep 2018 16:03

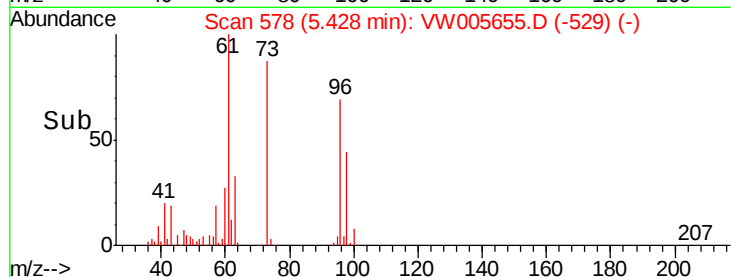
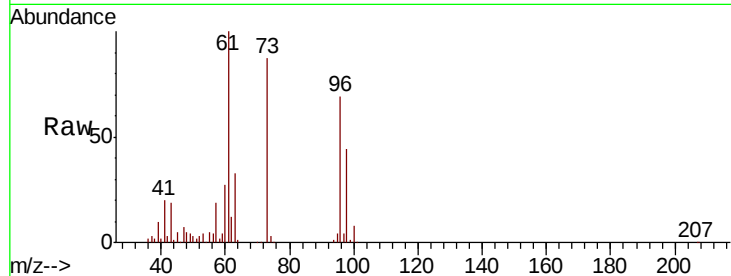
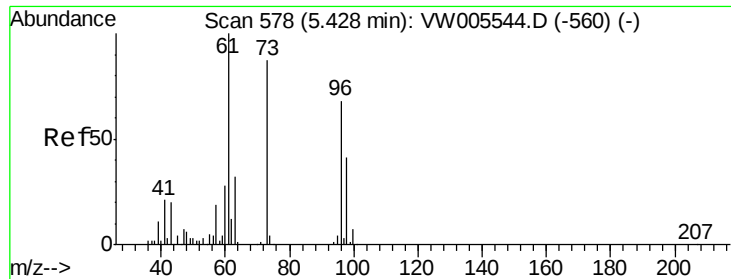
Tgt Ion: 43 Resp: 63374

Ion Ratio Lower Upper

43 100

74 23.4 19.2 28.8





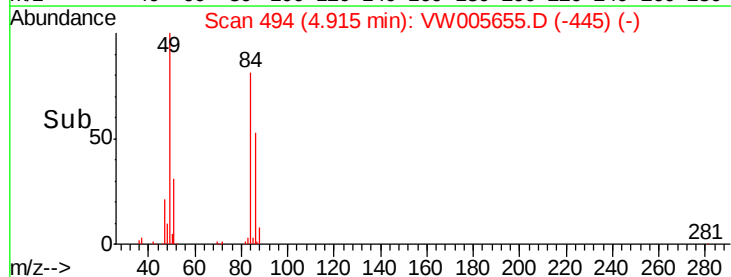
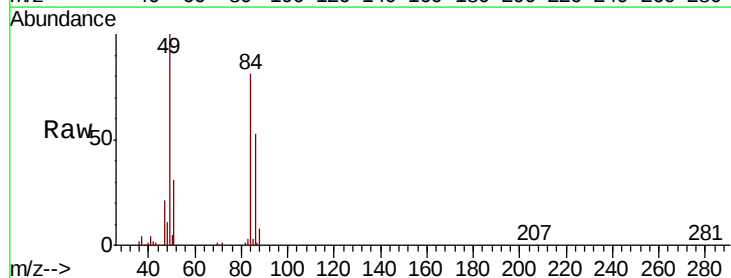
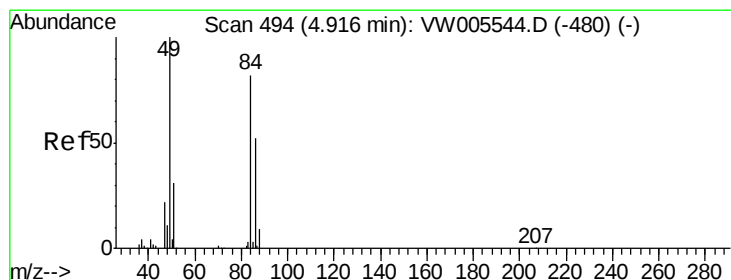
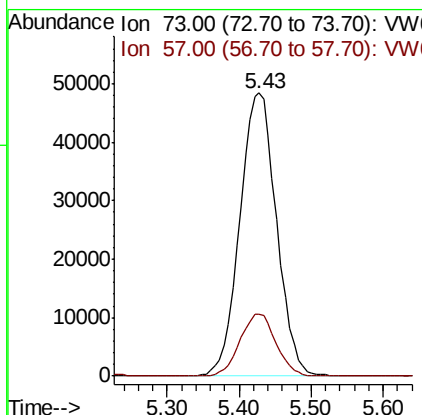
#19
Methyl tert-butyl Ether
Concen: 53.253 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.6	26.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

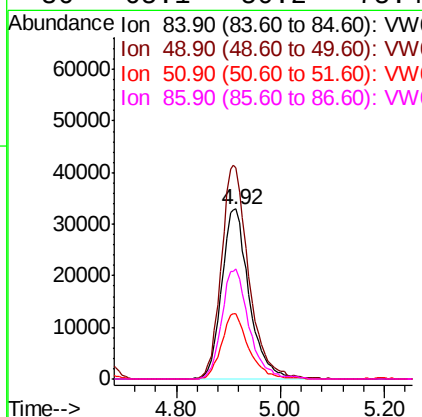
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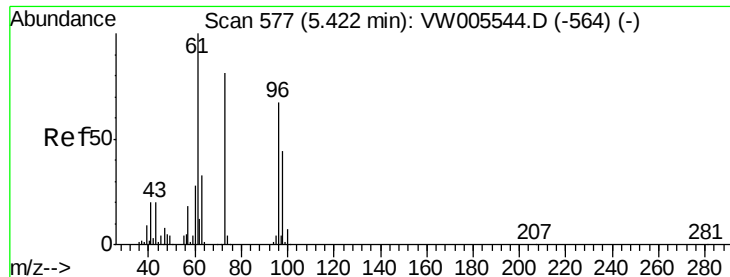
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#20
Methylene Chloride
Concen: 54.542 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.8	97.0	145.6
51	38.4	30.2	45.2
86	65.1	50.2	75.4





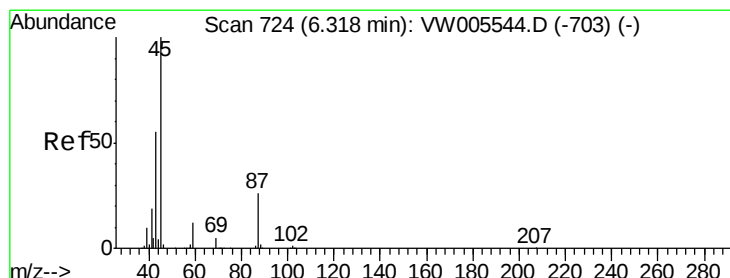
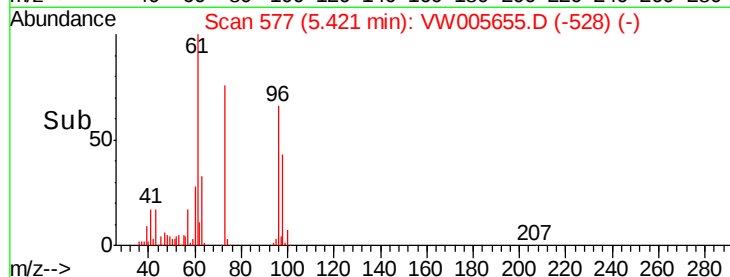
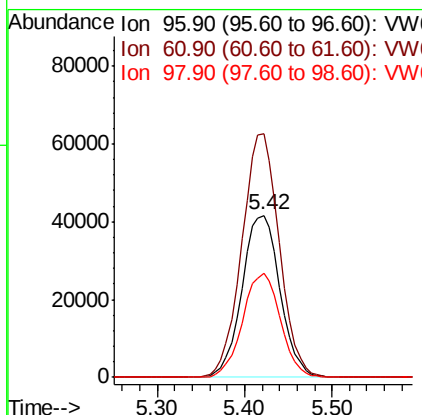
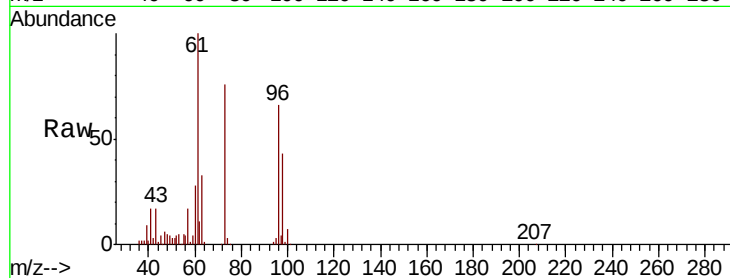
#21
trans-1,2-Dichloroethene
Concen: 55.293 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.4	118.9	178.3
98	64.6	52.1	78.1

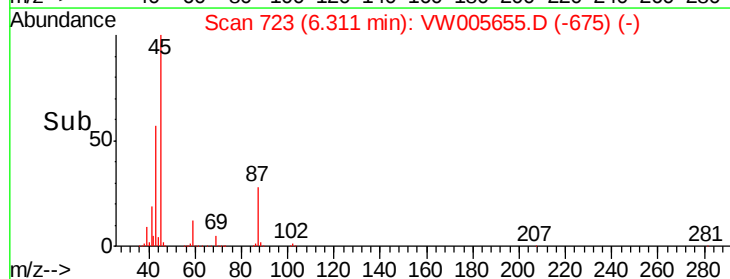
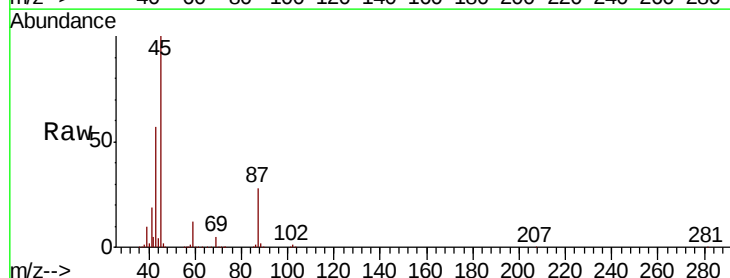
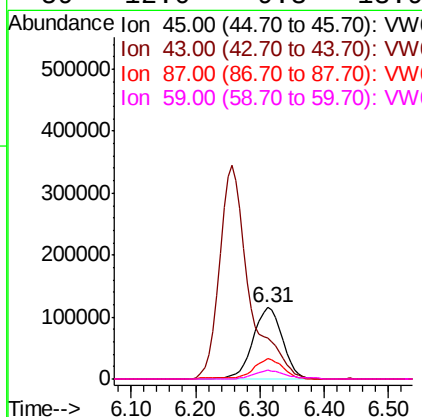
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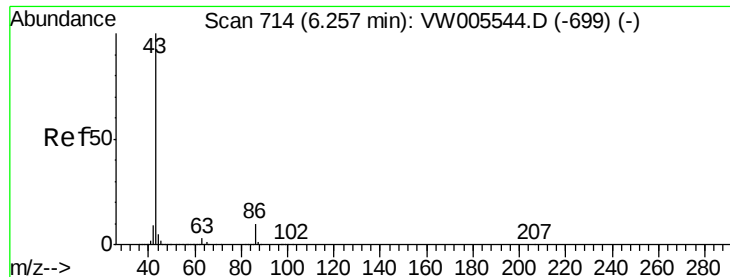
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#22
Diisopropyl ether
Concen: 51.894 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.7	44.2	66.4
87	27.9	21.4	32.2
59	12.0	9.3	13.9





#23

Vinyl Acetate

Concen: 277.353 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1116011

Ion Ratio Lower Upper

43 100

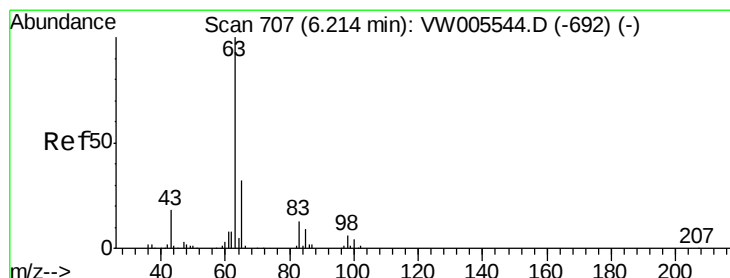
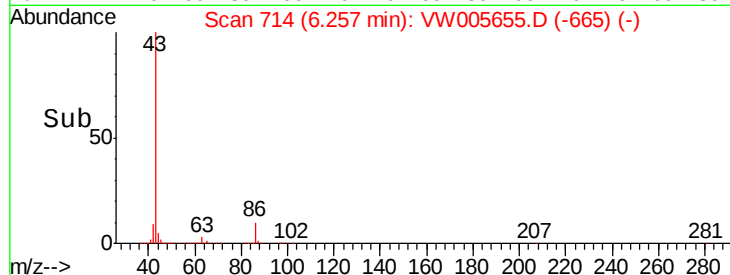
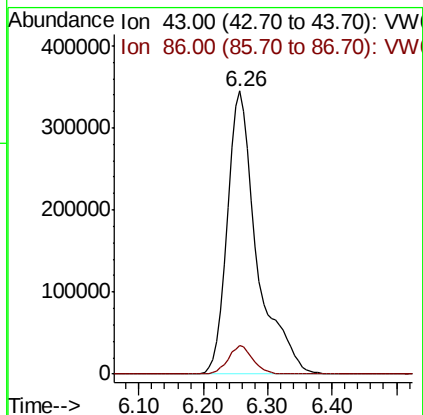
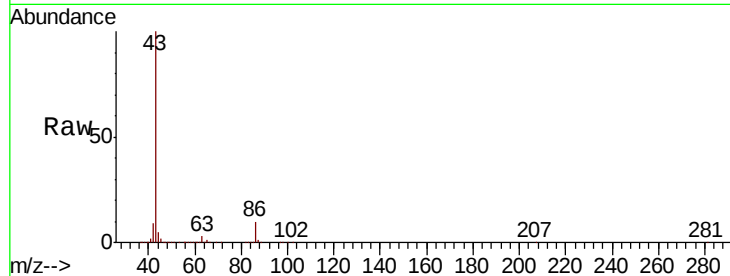
86 9.9 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 52.691 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

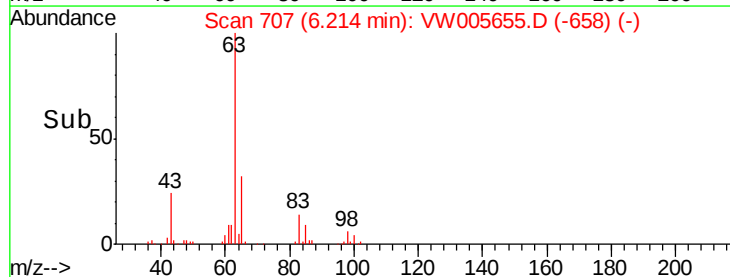
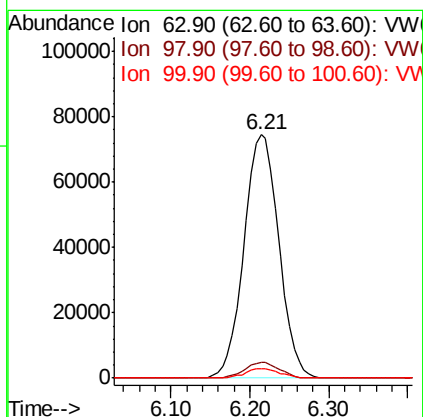
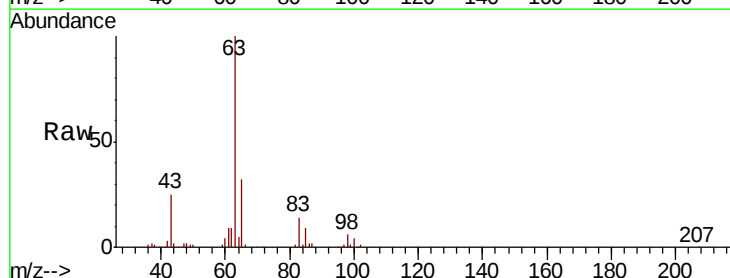
Tgt Ion: 63 Resp: 229180

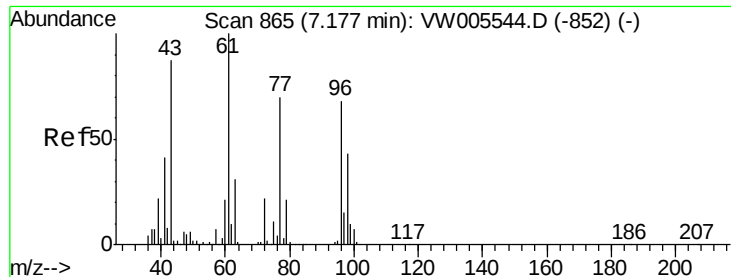
Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

100 3.8 2.1 6.2





#25

2-Butanone

Concen: 266.661 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 174084

Ion Ratio Lower Upper

43 100

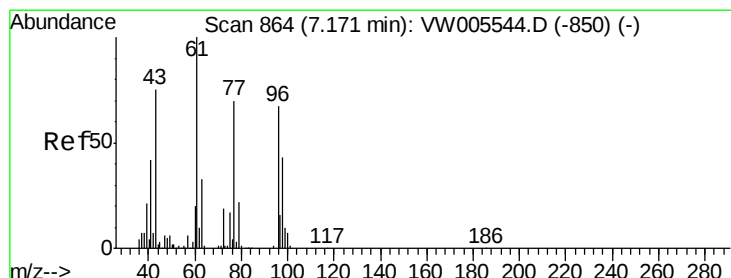
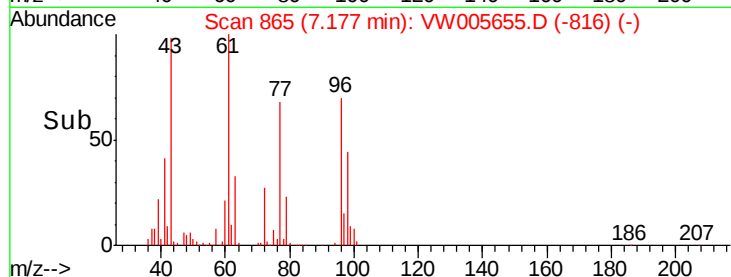
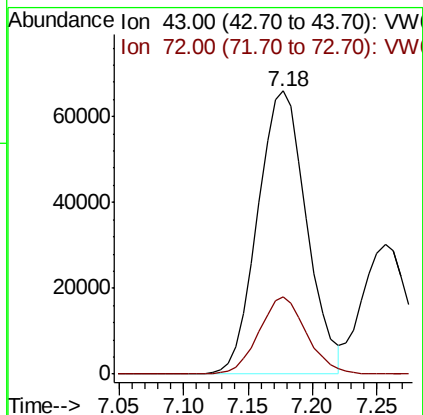
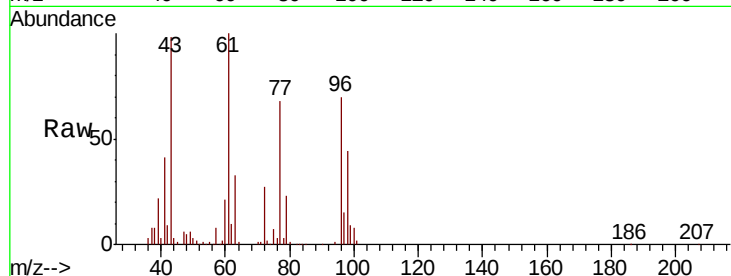
72 27.4 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 51.037 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW005655.D

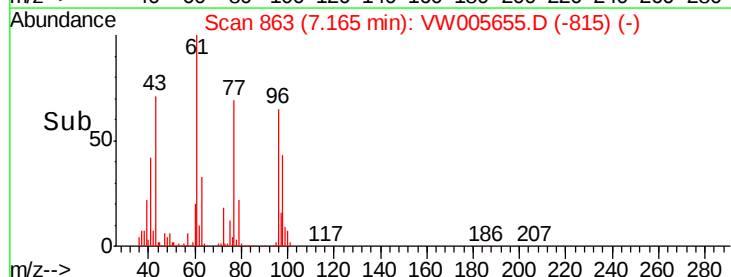
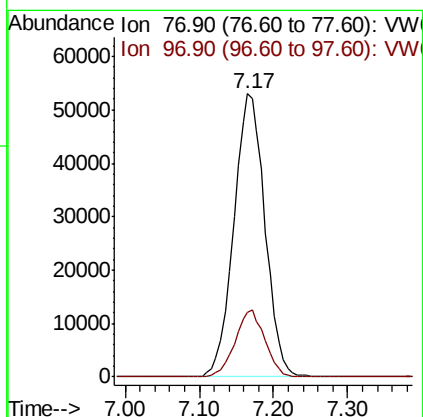
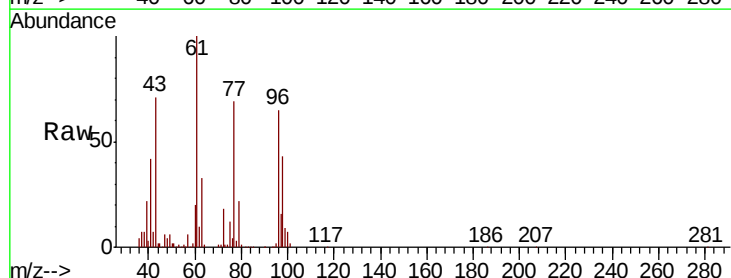
Acq: 26 Sep 2018 16:03

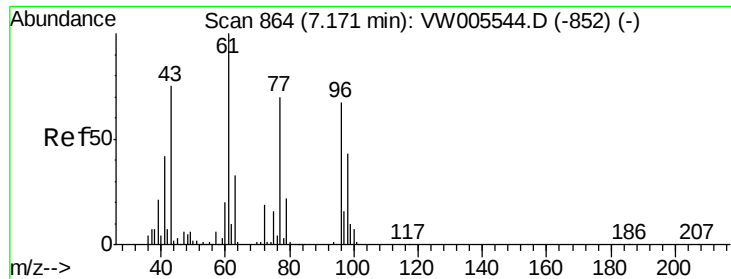
Tgt Ion: 77 Resp: 154976

Ion Ratio Lower Upper

77 100

97 22.5 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 54.329 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Instrument :

MSVOA_W

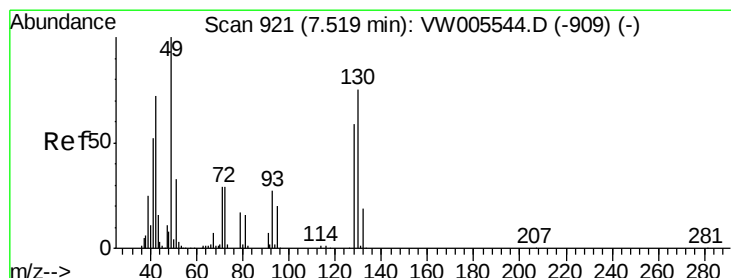
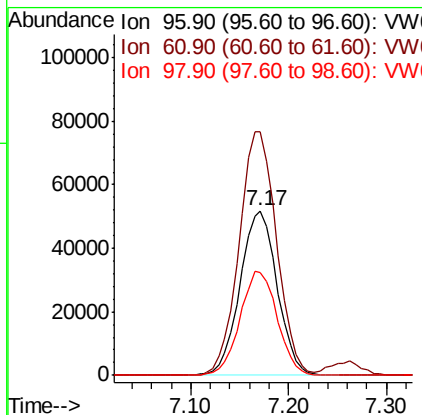
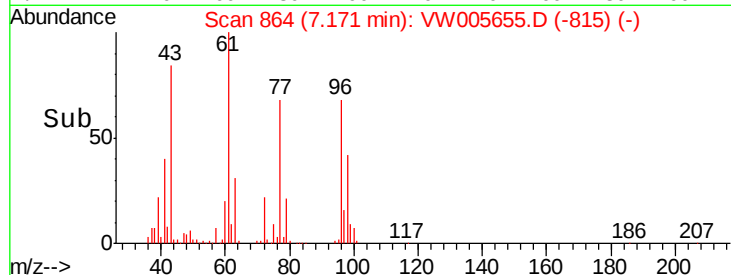
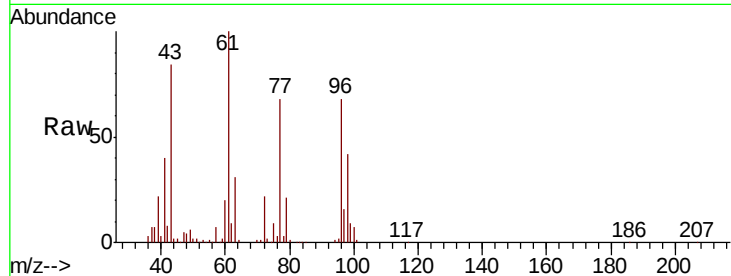
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	149.5	0.0	303.4	
98	63.5	0.0	127.2	

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#28

Bromochloromethane

Concen: 45.564 ug/l

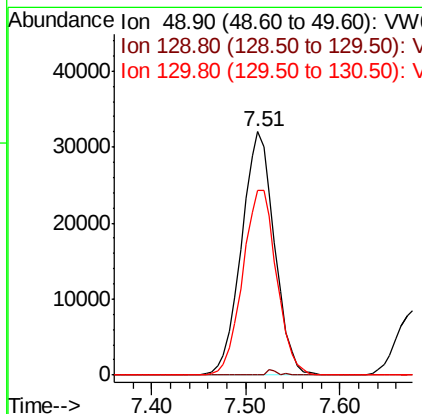
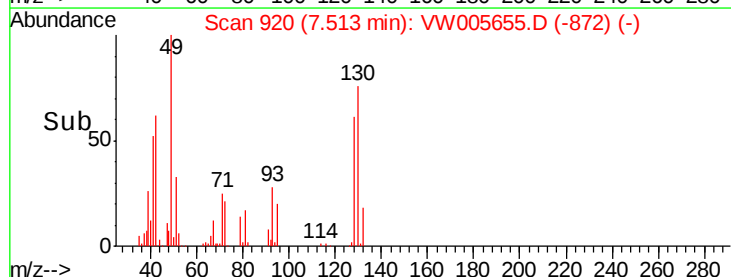
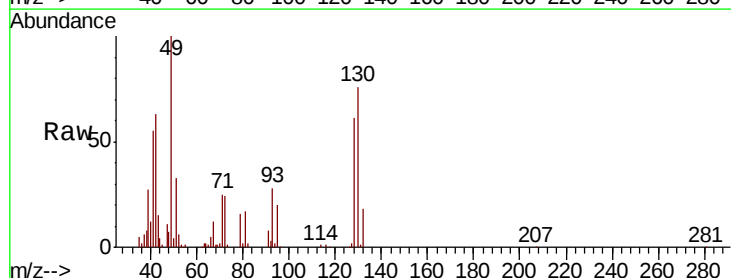
RT: 7.51 min Scan# 920

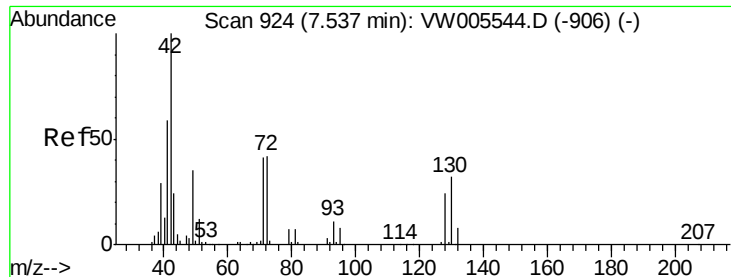
Delta R.T. -0.01 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.8	0.0	1.4	
130	78.2	61.3	91.9	





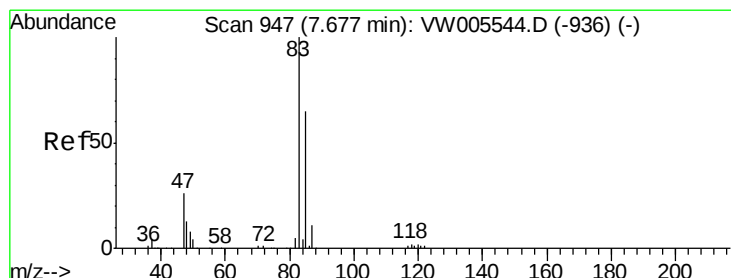
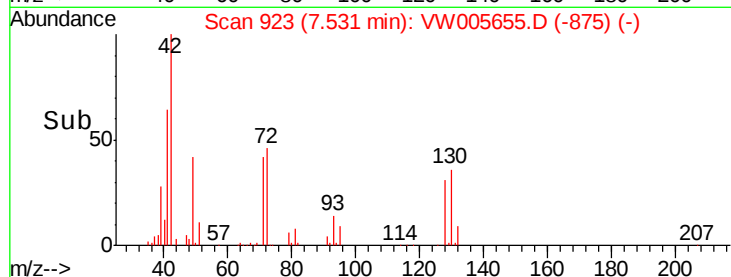
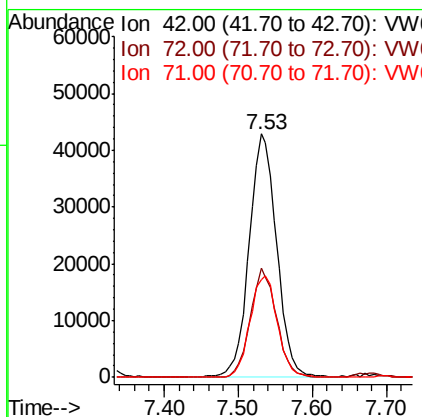
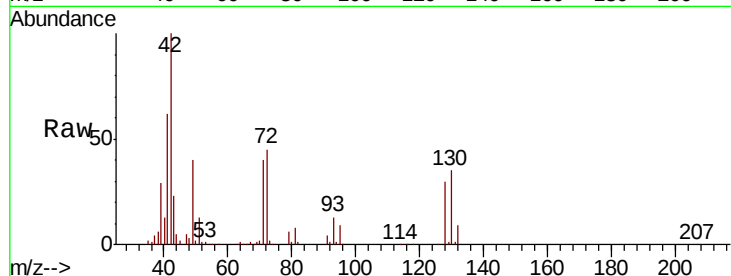
#29
Tetrahydrofuran
Concen: 273.246 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	33.6	50.4
71	41.4	31.8	47.6

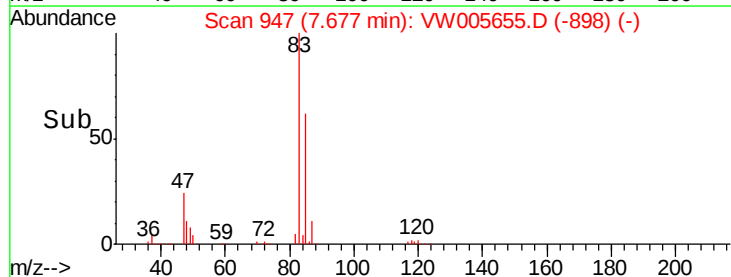
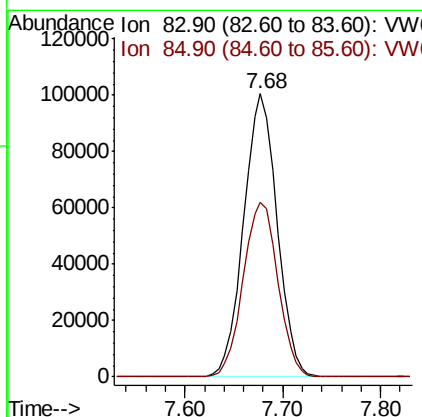
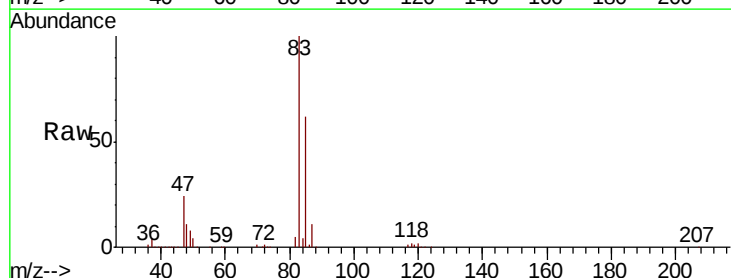
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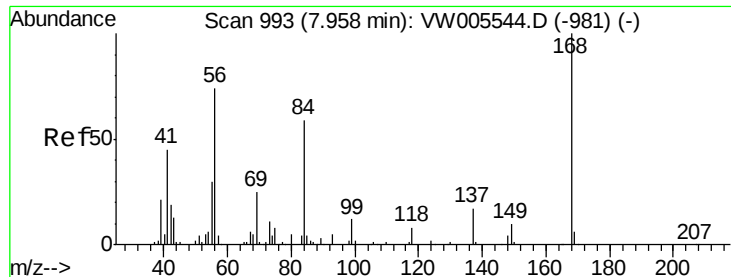
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#30
Chloroform
Concen: 53.010 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.8	77.6





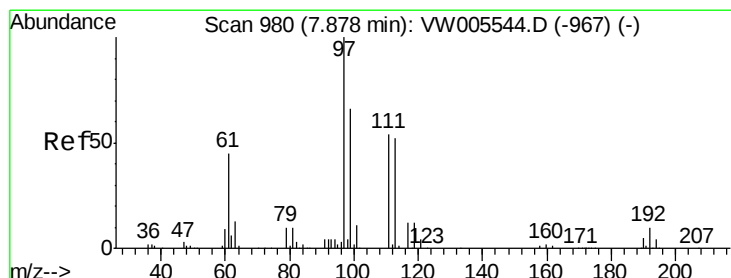
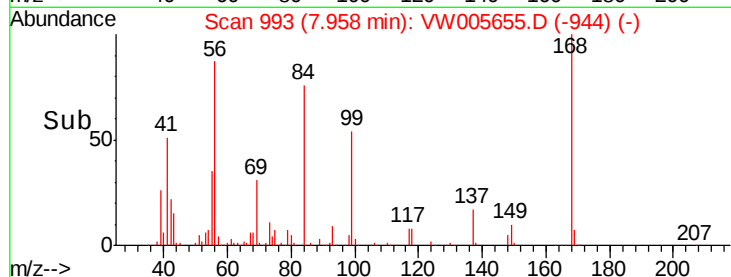
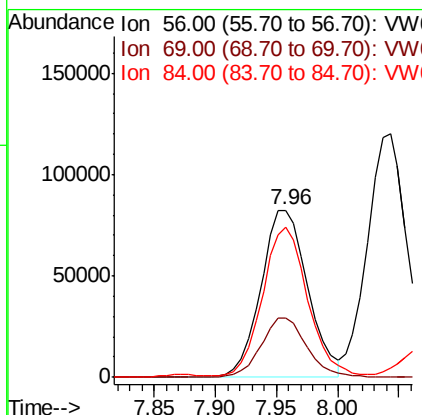
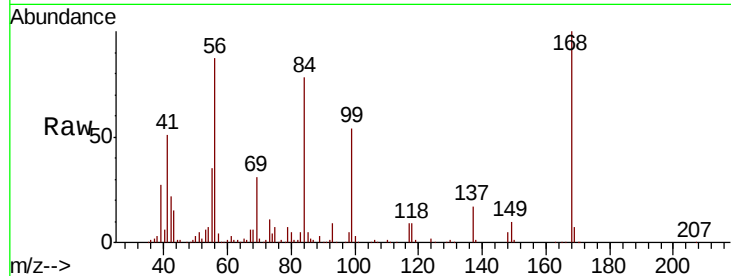
#31
Cyclohexane
Concen: 52.755 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	56	Resp	219835
Ion Ratio	Lower	Upper	
56	100		
69	35.1	27.0	40.4
84	88.1	64.2	96.4

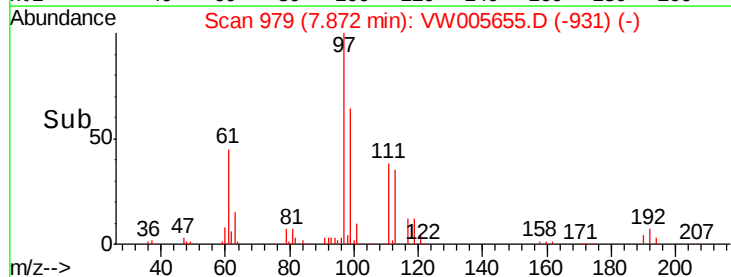
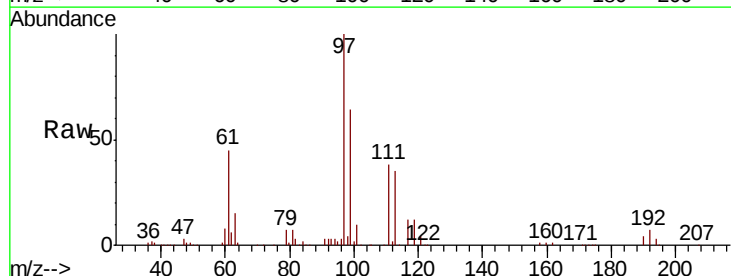
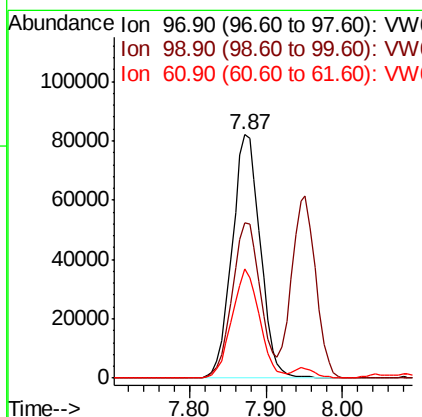
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#32
1,1,1-Trichloroethane
Concen: 52.816 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	97	Resp	209513
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.0	76.6
61	44.0	36.2	54.2





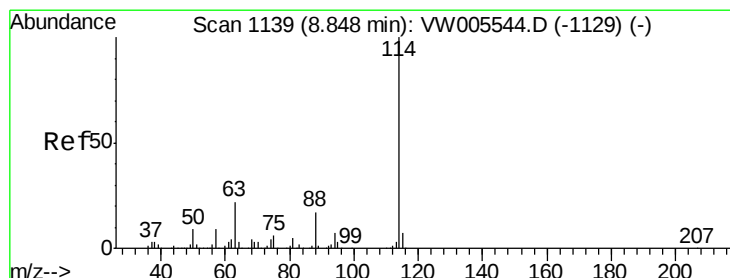
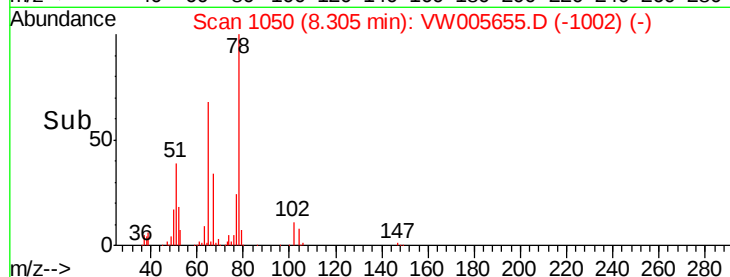
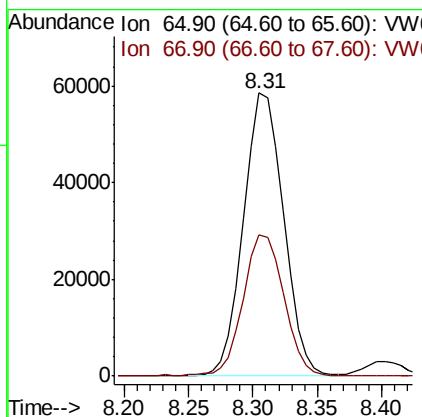
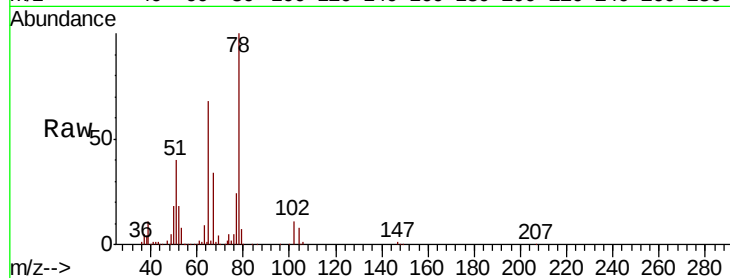
#33
 1,2-Dichloroethane-d4
 Concen: 47.215 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW005655.D
 Acq: 26 Sep 2018 16:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	126910		
67	50.9	0.0	100.6	

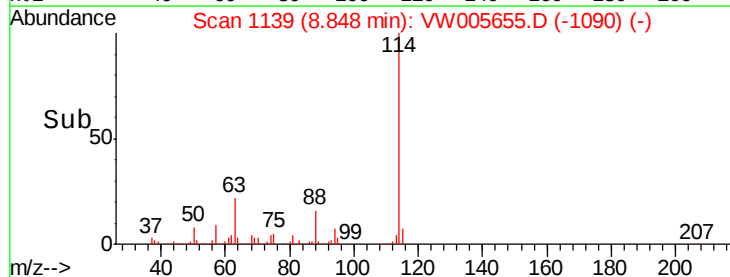
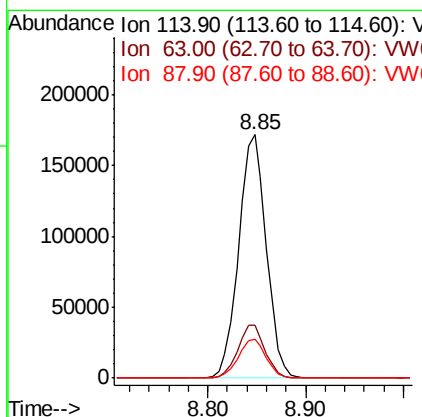
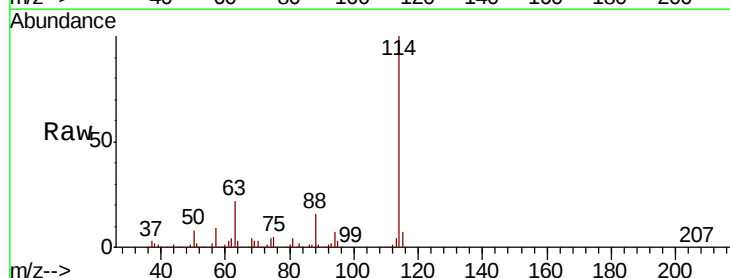
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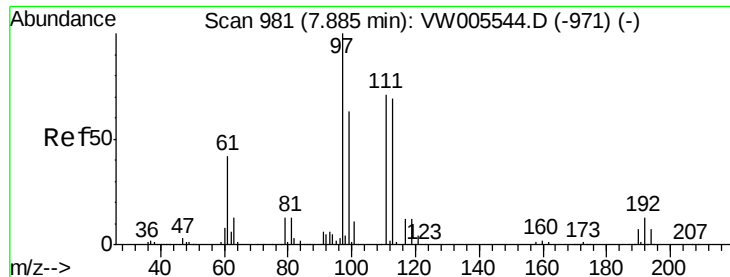
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005655.D
 Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	334771		
63	21.6	0.0	43.0	
88	15.9	0.0	33.0	





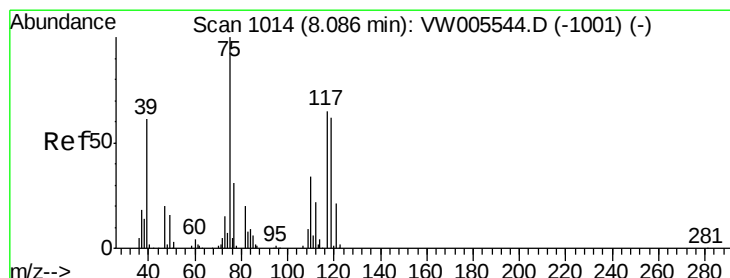
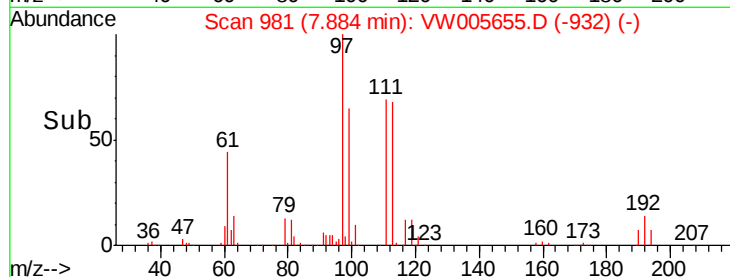
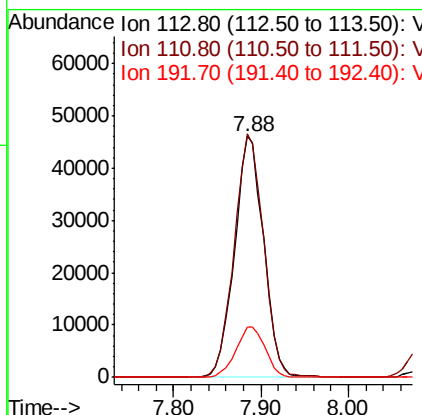
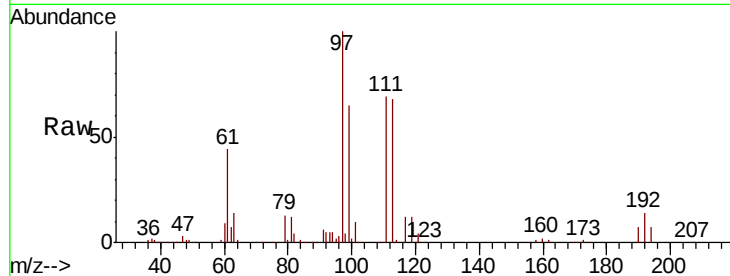
#35
 Dibromofluoromethane
 Concen: 50.527 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005655.D
 Acq: 26 Sep 2018 16:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	106372		
111	102.0	82.6	123.8	
192	21.1	17.0	25.4	

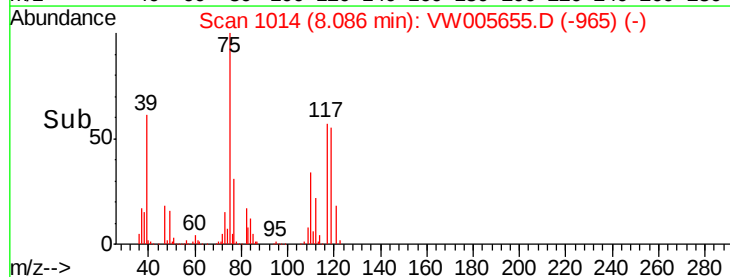
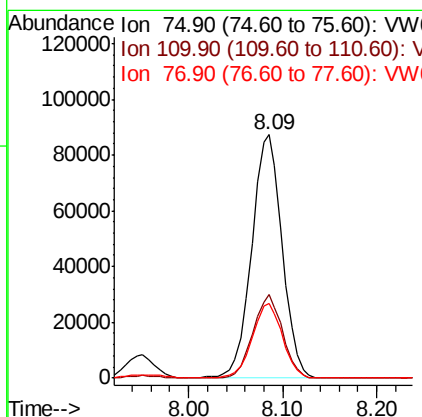
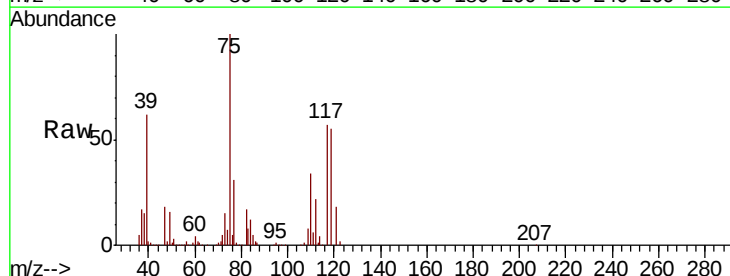
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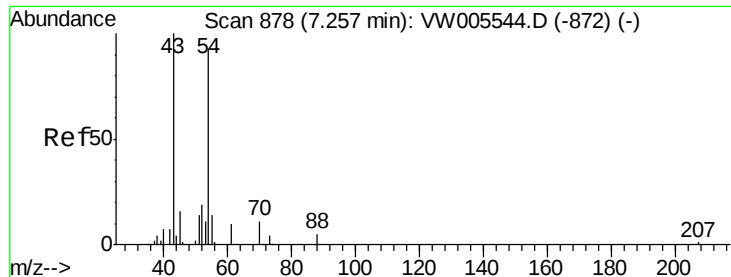
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#36
 1,1-Dichloropropene
 Concen: 58.786 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005655.D
 Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	198110		
110	33.1	17.0	50.9	
77	30.6	24.8	37.2	





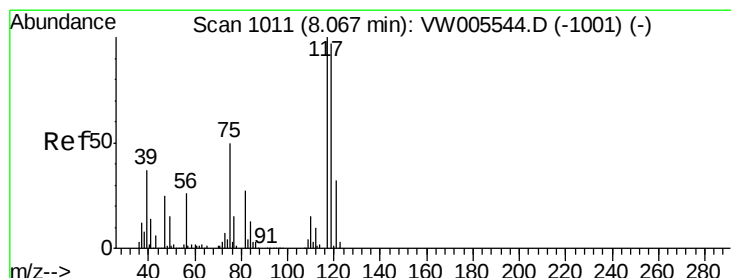
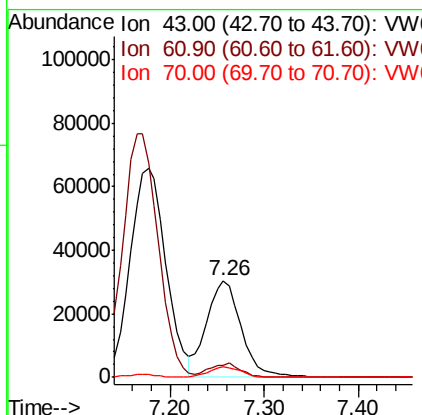
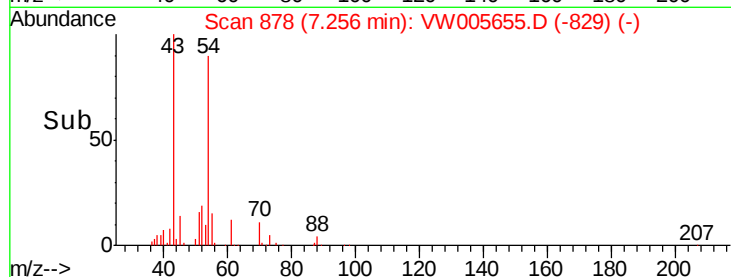
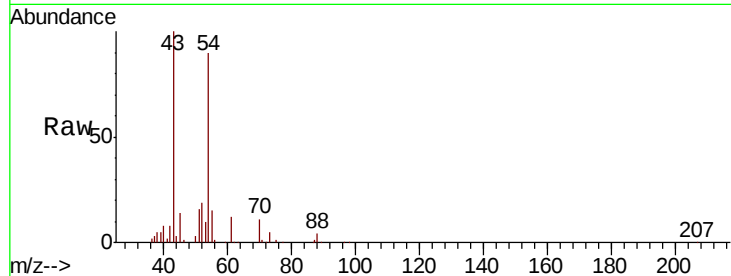
#37
Ethyl Acetate
Concen: 54.708 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Instrument :
MSVOA_W
ClientSampleID :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.4	15.6
70	10.2	8.2	12.2

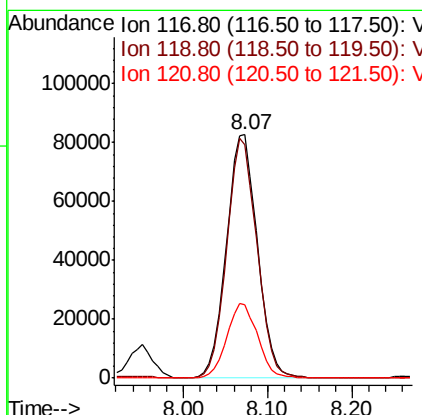
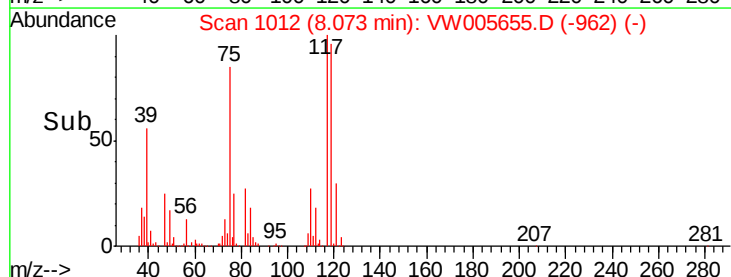
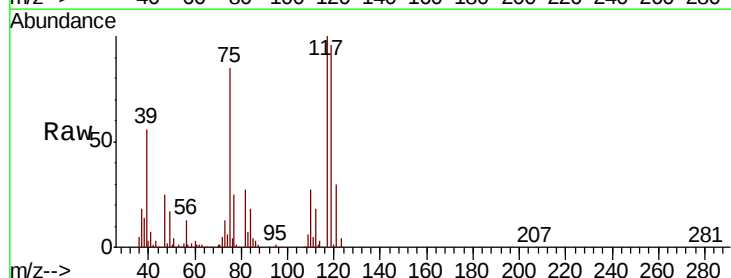
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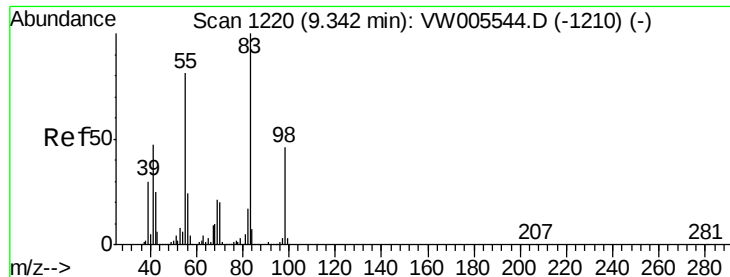
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#38
Carbon Tetrachloride
Concen: 57.160 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.6	116.4
121	30.3	25.7	38.5





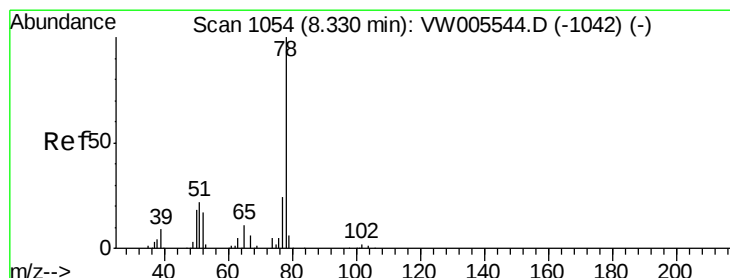
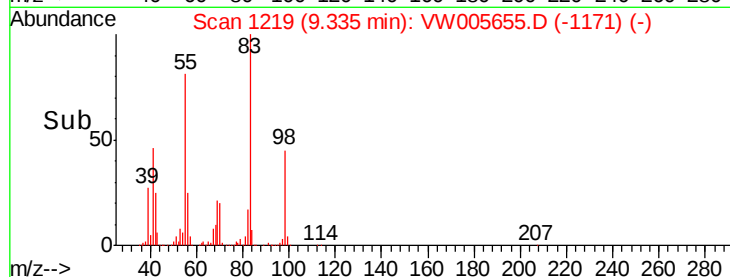
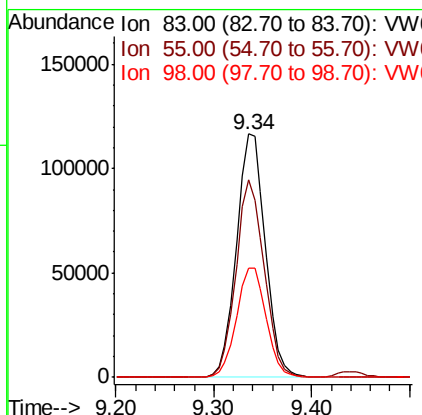
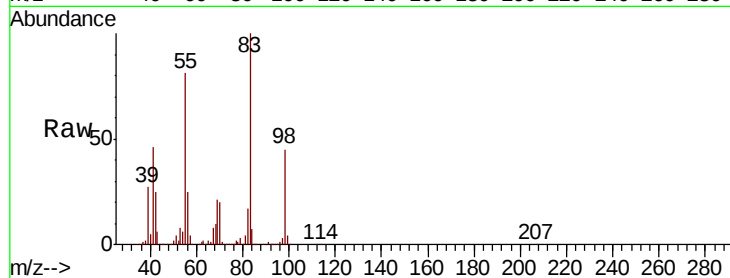
#39
Methvlcvclohexane
Concen: 59.889 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.1	64.6	97.0
98	44.7	37.0	55.6

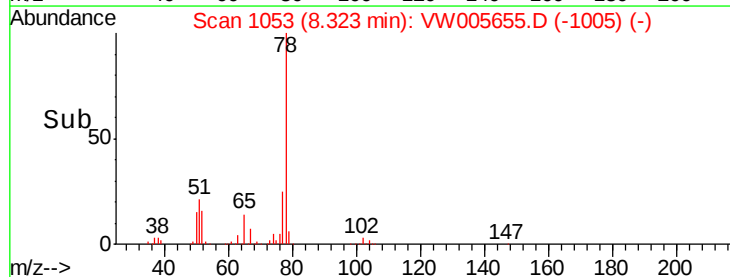
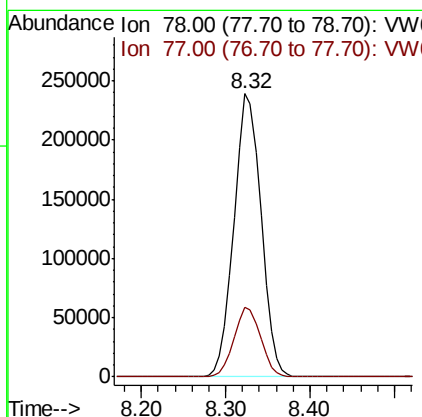
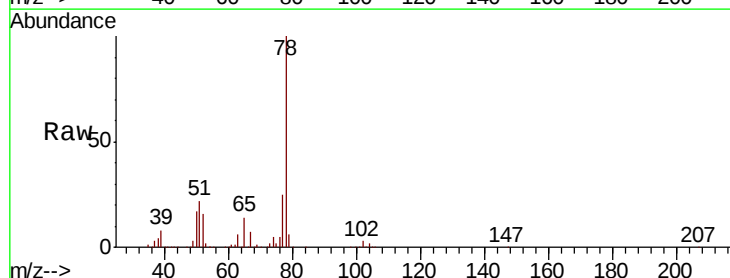
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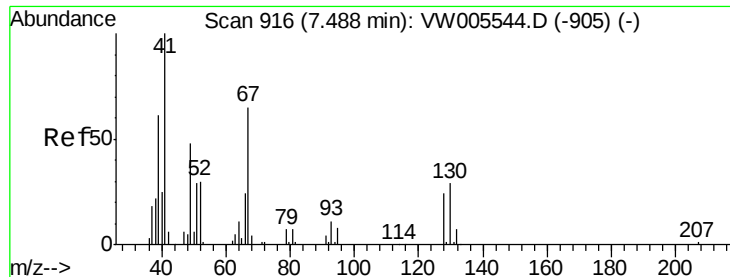
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#40
Benzene
Concen: 54.370 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.0	28.4





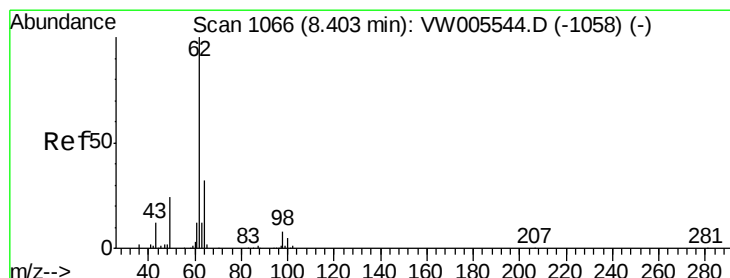
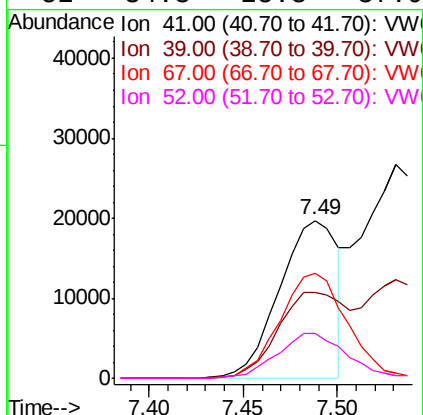
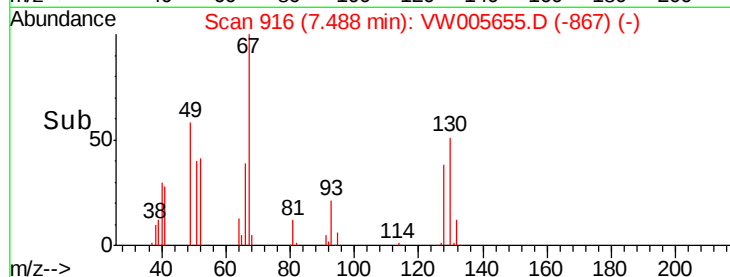
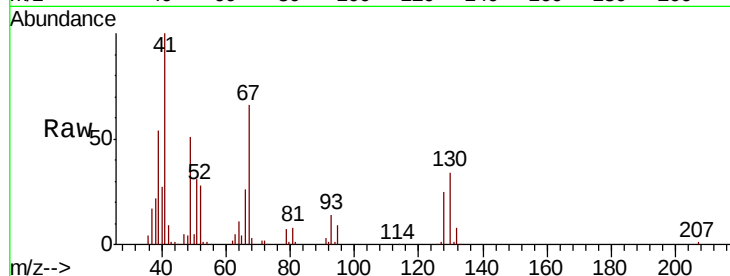
#41
Methacrylonitrile
Concen: 52.113 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp:	42056
Ion	Ratio	Lower	Upper
41	100		
39	63.8	45.4	68.2
67	77.3	55.2	82.8
52	34.3	25.3	37.9

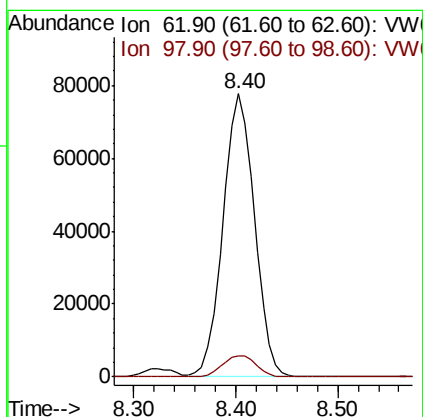
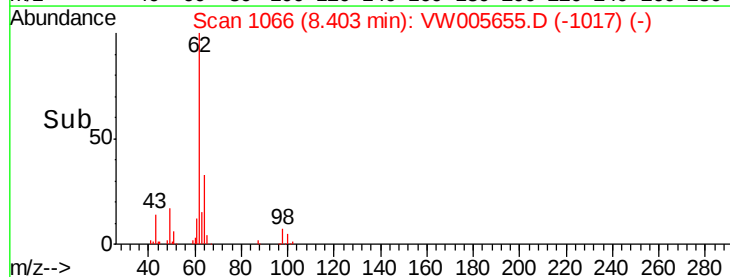
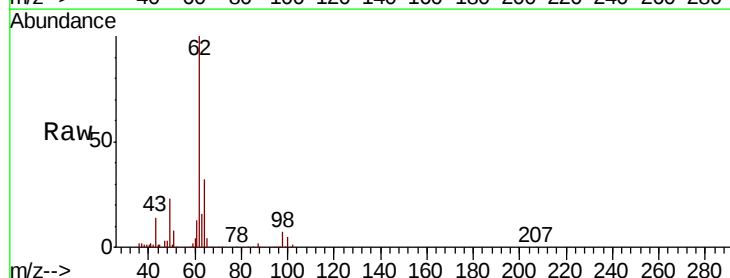
Manual Integrations
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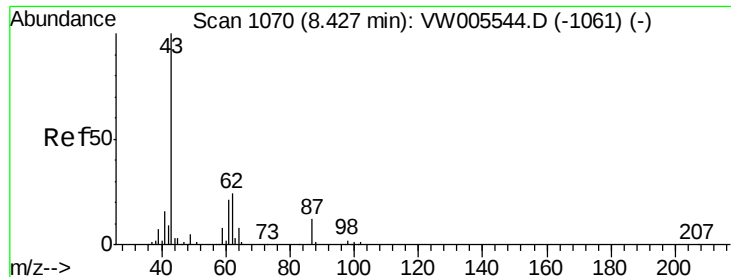
apatel
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#42
1,2-Dichloroethane
Concen: 54.419 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	62	Resp:	166364
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.6





#43

Isopropyl Acetate

Concen: 54.304 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Instrument :

MSVOA_W

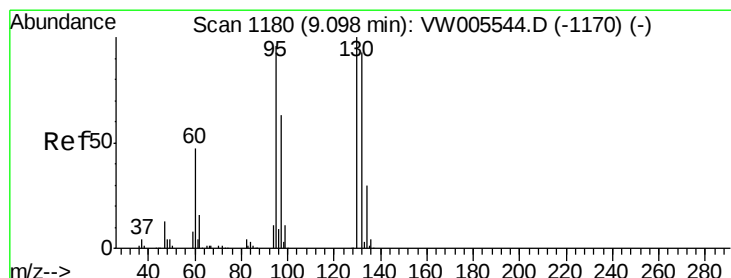
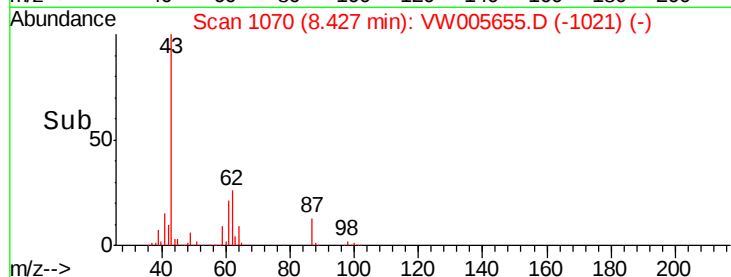
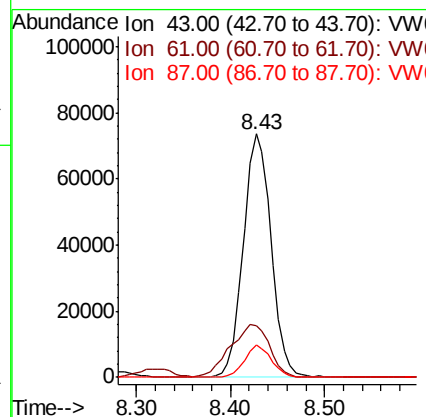
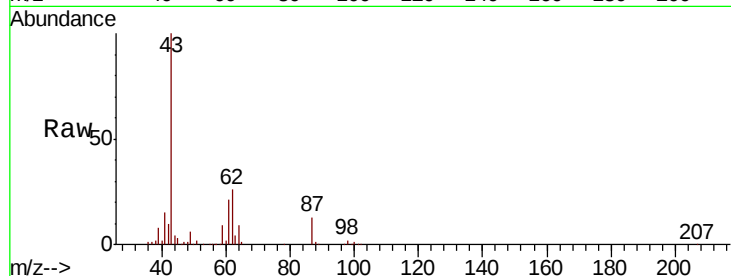
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	151417
Ion	Ratio	Lower	Upper
43	100		
61	30.4	24.1	36.1
87	12.7	9.8	14.8

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#44

Trichloroethene

Concen: 56.442 ug/l

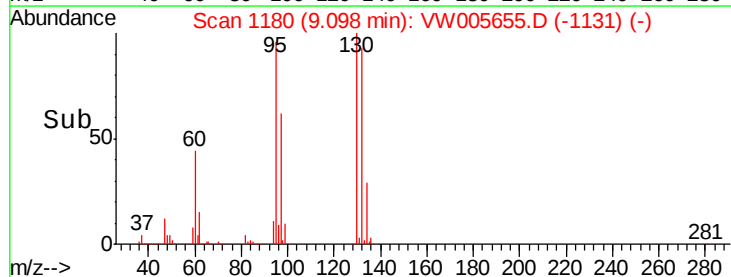
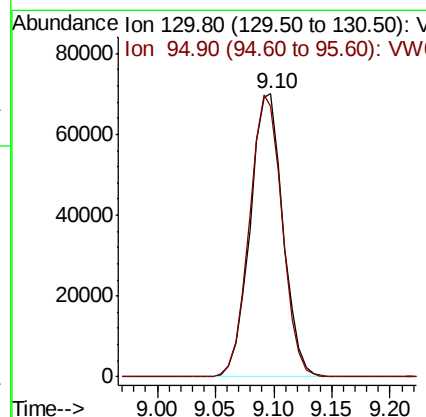
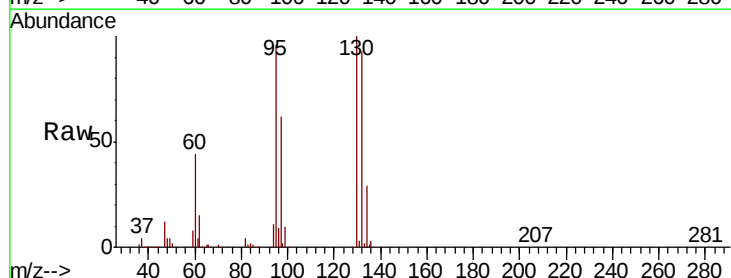
RT: 9.10 min Scan# 1180

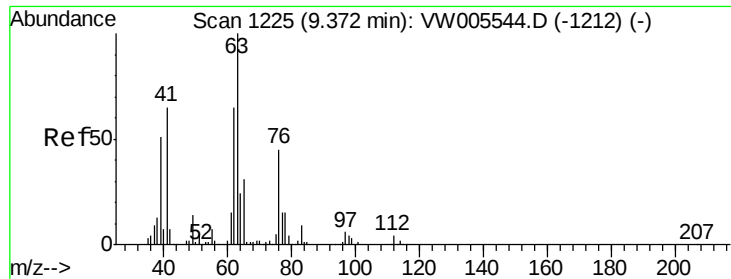
Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Tgt Ion:	130	Resp:	137949
Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	191.2





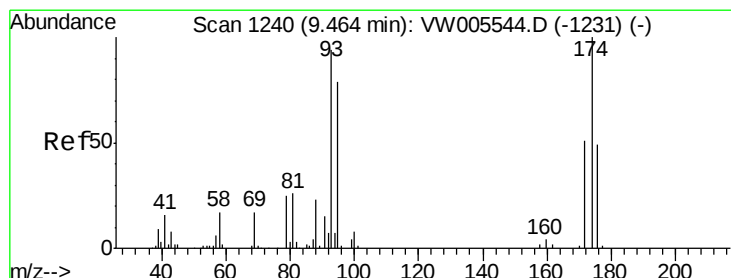
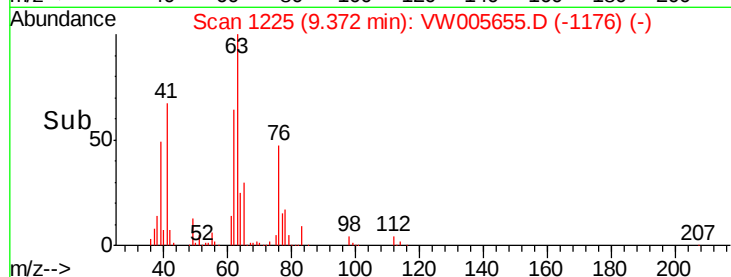
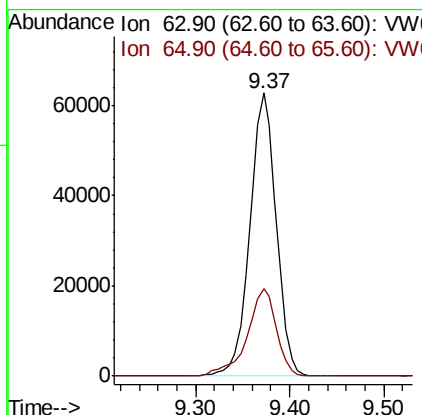
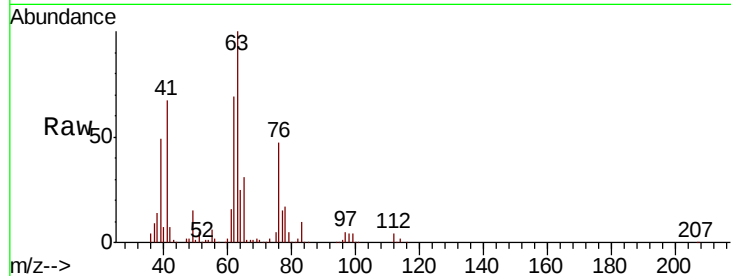
#45
 1,2-Dichloropropane
 Concen: 52.605 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005655.D
 Acq: 26 Sep 2018 16:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1

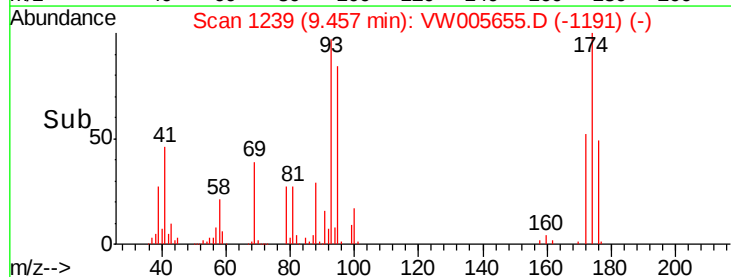
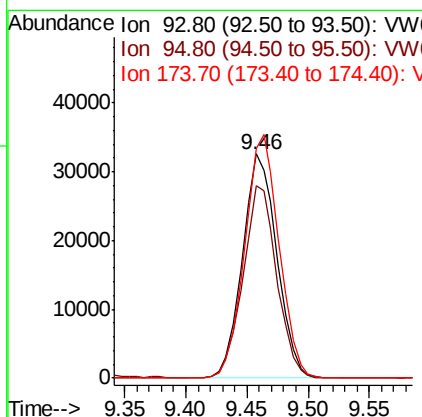
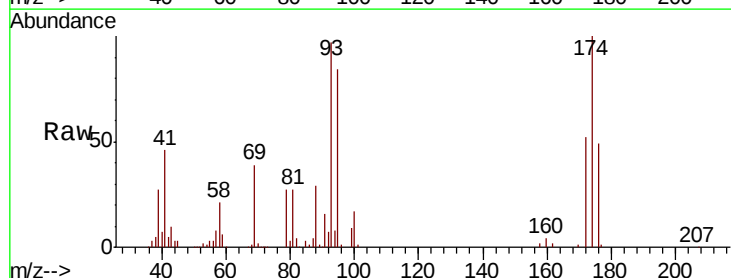
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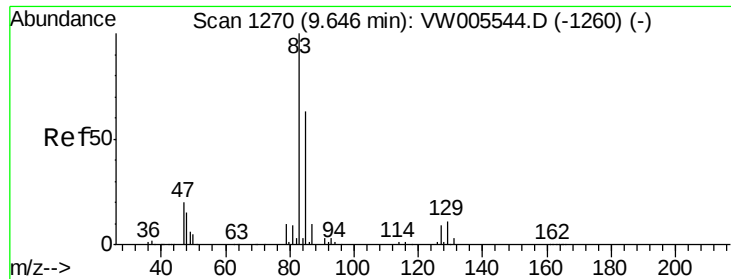
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#46
 Dibromomethane
 Concen: 54.154 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW005655.D
 Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.4	65.8	98.8
174	108.4	84.0	126.0





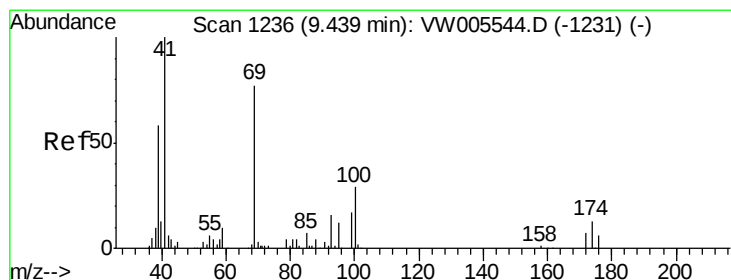
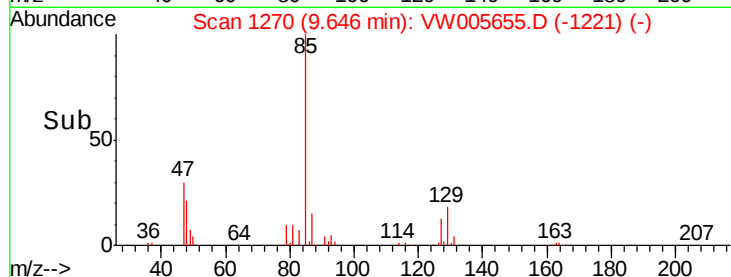
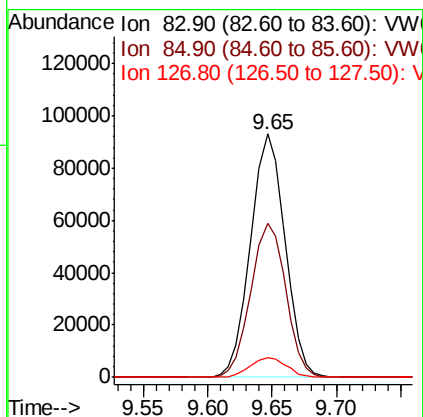
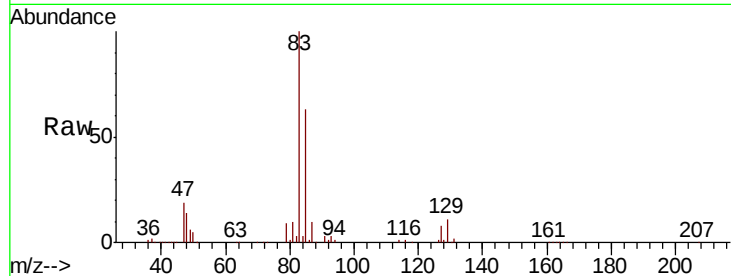
#47
 Bromodichloromethane
 Concen: 54.727 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW005655.D
 Acq: 26 Sep 2018 16:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	172551
Ion Ratio	100	Lower	Upper
83	100		
85	63.0	50.5	75.7
127	7.9	7.0	10.6

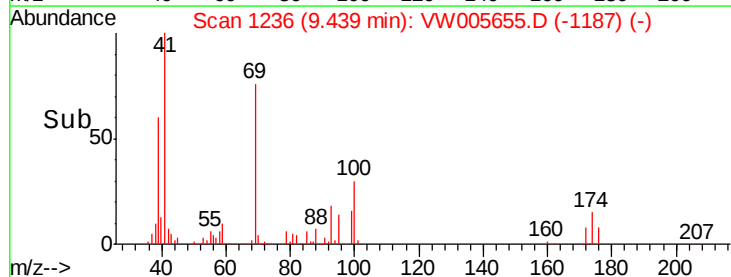
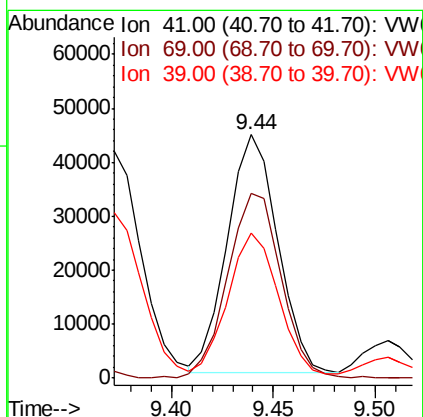
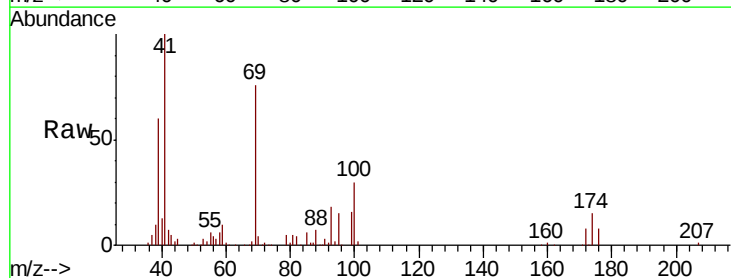
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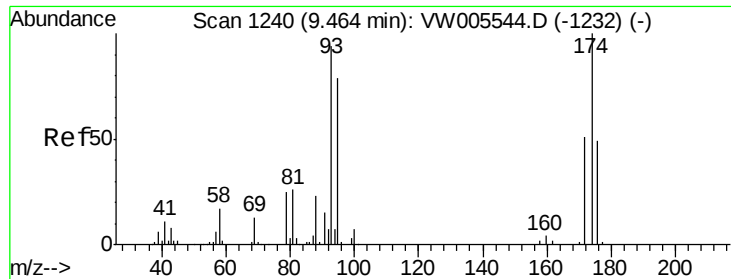
apatel
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#48
 Methyl methacrylate
 Concen: 56.688 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW005655.D
 Acq: 26 Sep 2018 16:03

Tgt Ion	41	Resp	75075
Ion Ratio	100	Lower	Upper
41	100		
69	83.3	64.7	97.1
39	59.4	50.5	75.7





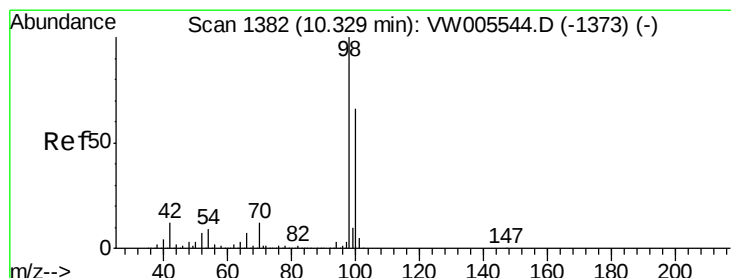
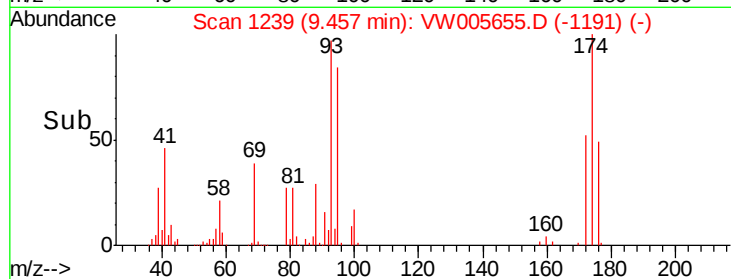
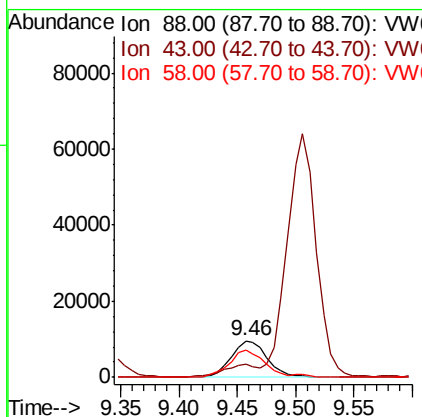
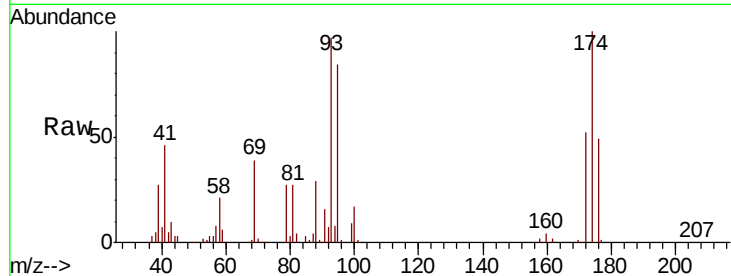
#49
1,4-Dioxane
Concen: 1113.618 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	20781
Ion	Ratio	Lower	Upper
88	100		
43	32.0	0.0	0.0#
58	75.8	61.2	91.8

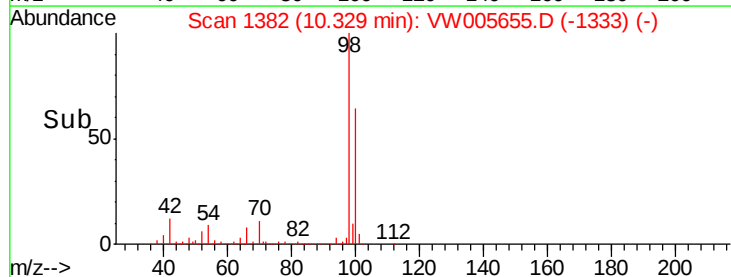
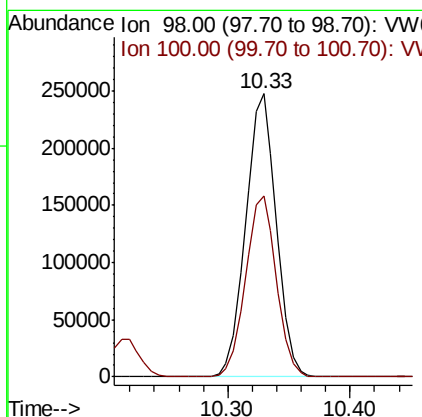
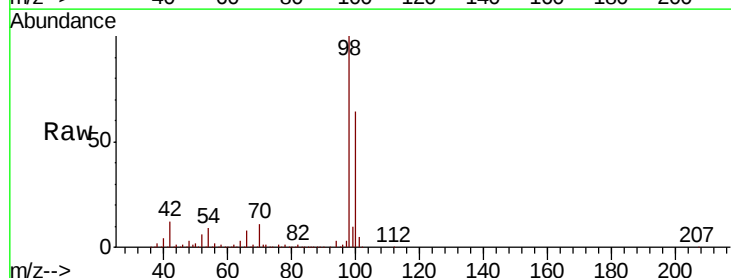
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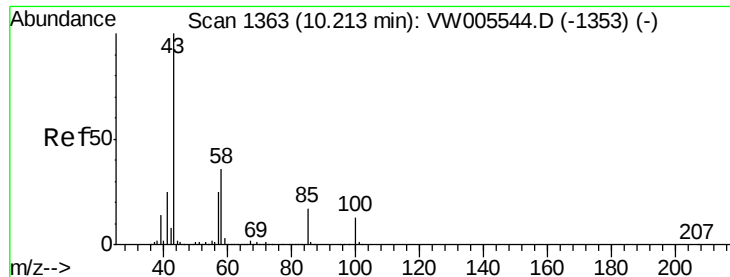
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#50
Toluene-d8
Concen: 50.167 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	98	Resp	430039
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





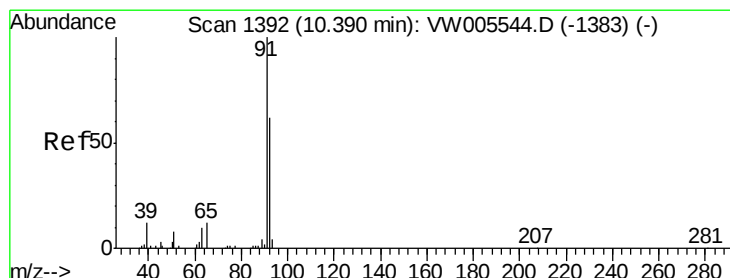
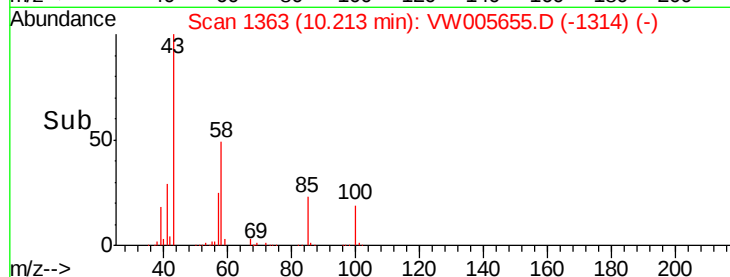
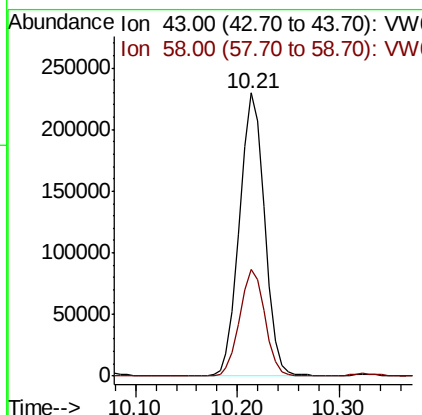
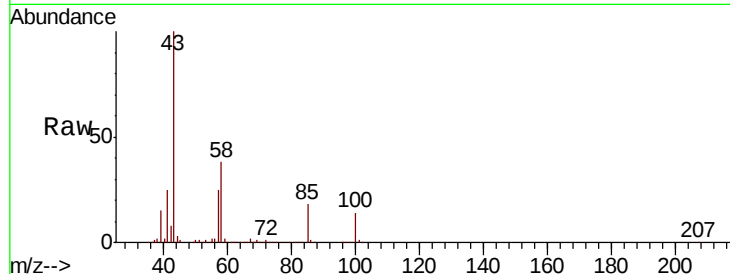
#51
4-Methyl-2-Pentanone
Concen: 278.395 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	43	Resp	390964
Ion Ratio	43	100	
Lower	58	37.8	30.0
Upper			45.0

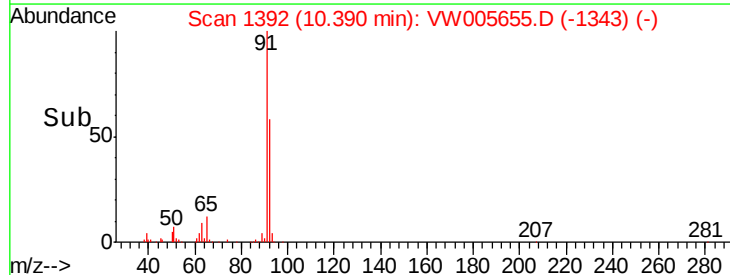
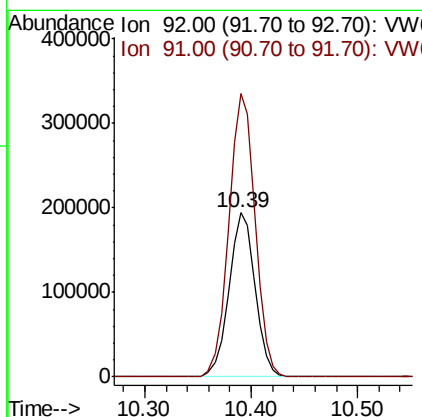
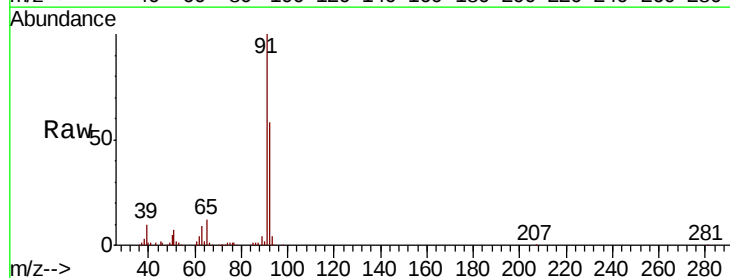
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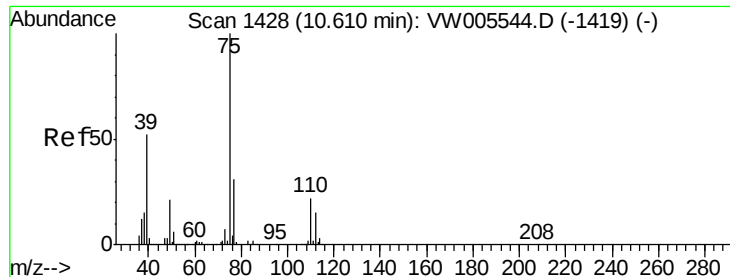
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#52
Toluene
Concen: 55.861 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	92	Resp	332809
Ion Ratio	92	100	
Lower	91	174.0	137.1
Upper			205.7





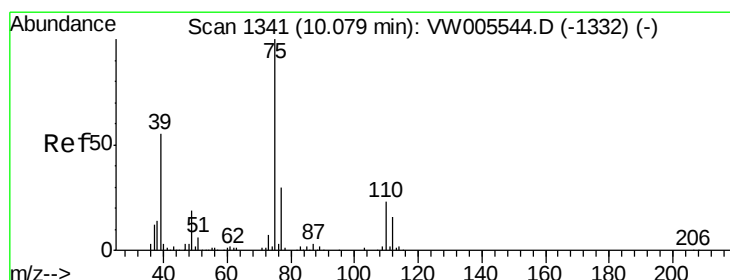
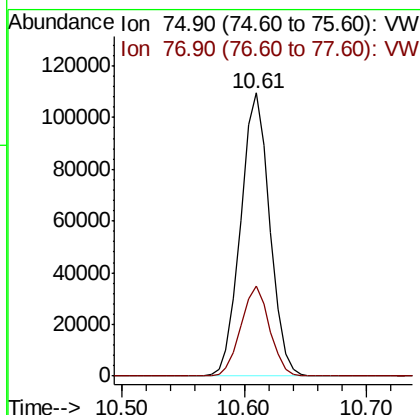
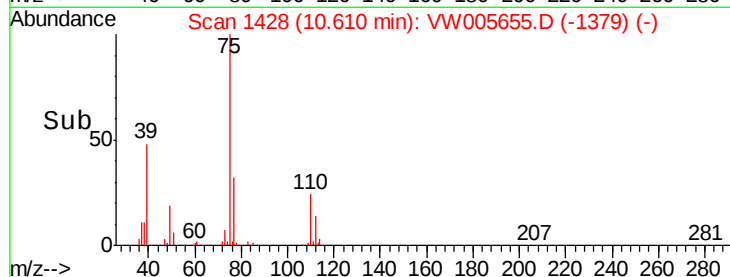
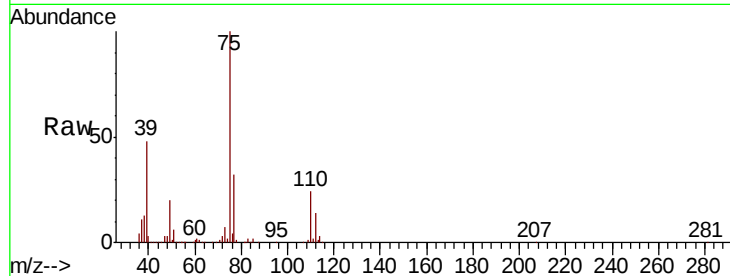
#53
t-1,3-Dichloropropene
Concen: 57.073 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 180398
Ion Ratio Lower Upper
75 100
77 31.8 24.6 37.0

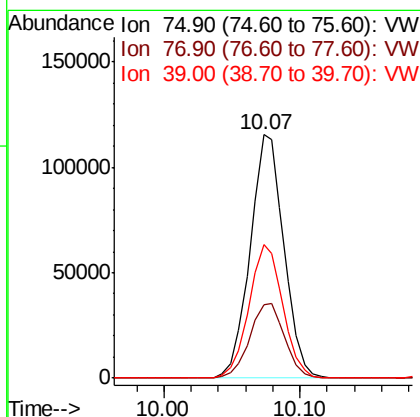
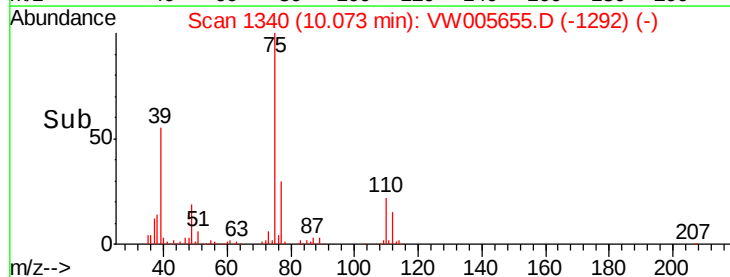
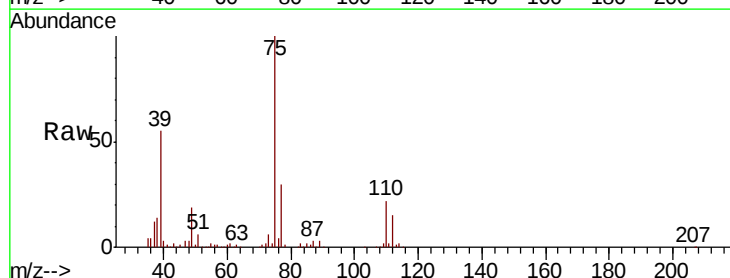
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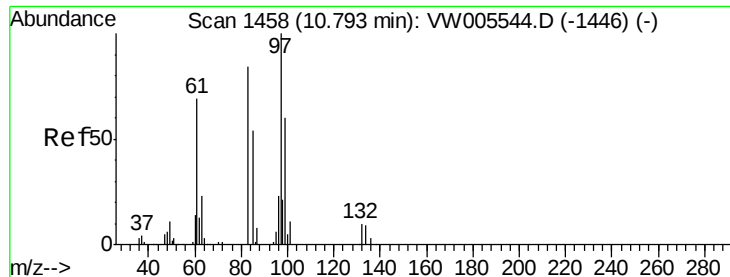
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#54
cis-1,3-Dichloropropene
Concen: 56.677 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion: 75 Resp: 200721
Ion Ratio Lower Upper
75 100
77 30.2 24.3 36.5
39 54.7 43.7 65.5





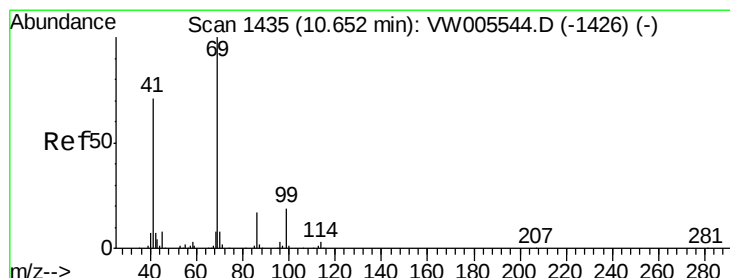
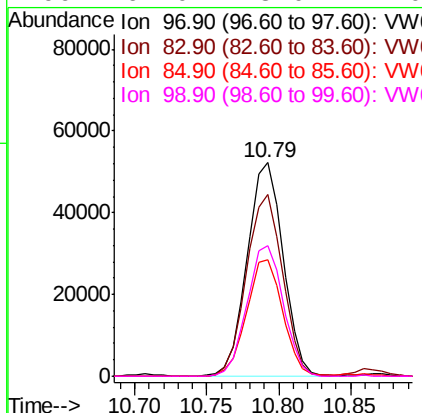
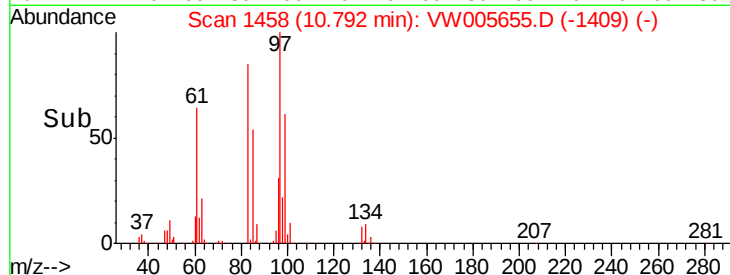
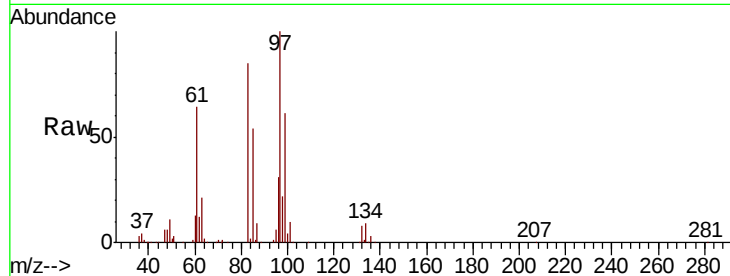
#55
 1,1,2-Trichloroethane
 Concen: 54.255 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005655.D
 Acq: 26 Sep 2018 16:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	90393
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.4	101.2
85	54.5	43.3	64.9
99	61.0	48.0	72.0

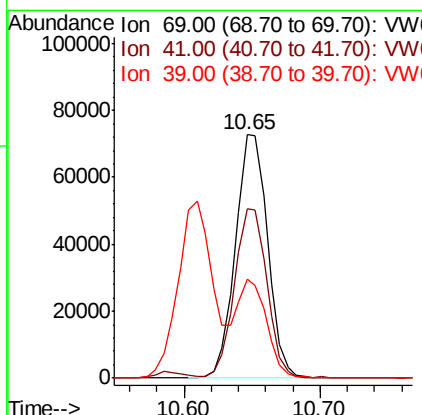
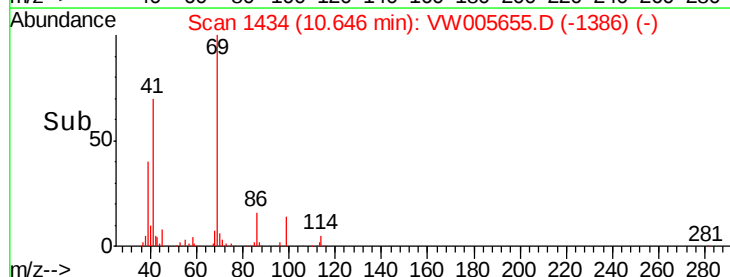
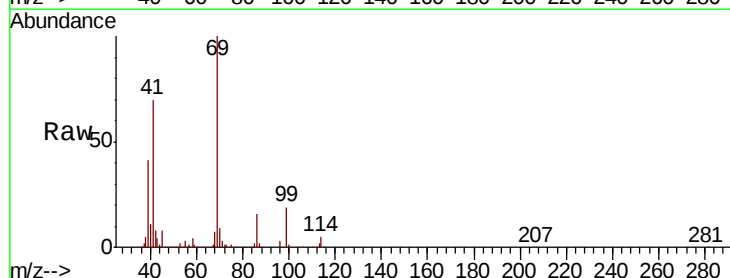
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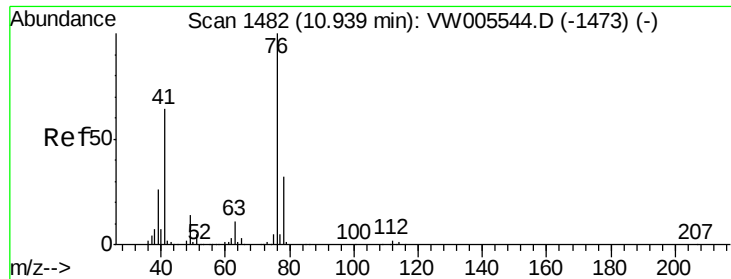
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#56
 Ethyl methacrylate
 Concen: 58.404 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW005655.D
 Acq: 26 Sep 2018 16:03

Tgt Ion:	69	Resp:	120119
Ion	Ratio	Lower	Upper
69	100		
41	70.2	57.3	85.9
39	35.9	29.2	43.8





#57

1,3-Dichloropropane

Concen: 54.031 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 159545

Ion Ratio Lower Upper

76 100

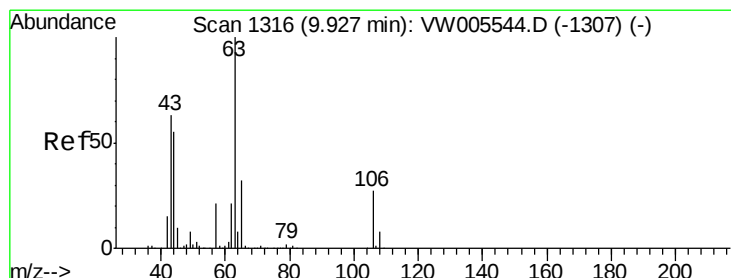
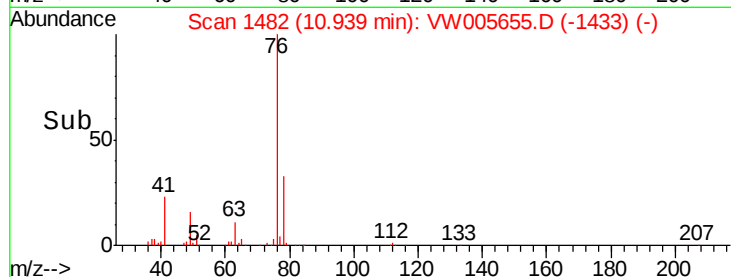
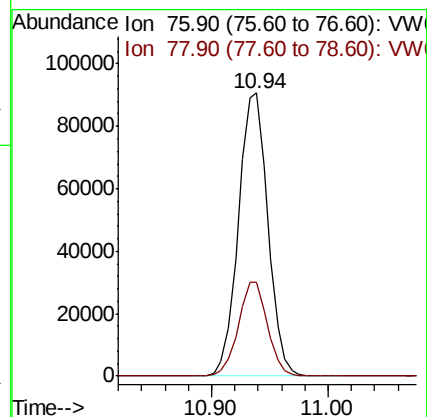
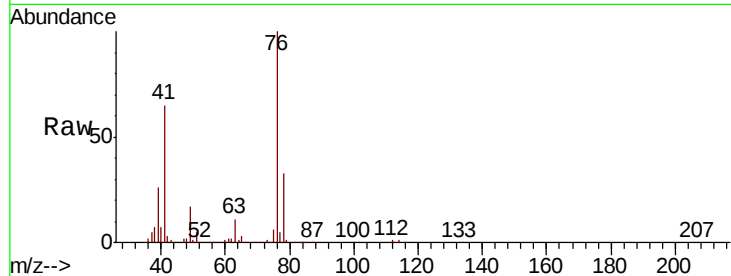
78 32.9 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 262.203 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW005655.D

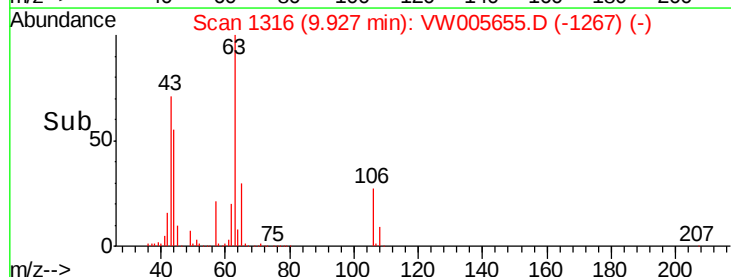
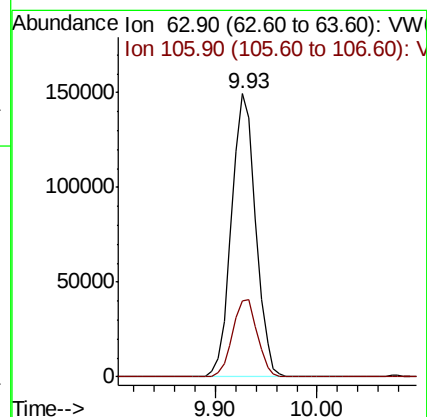
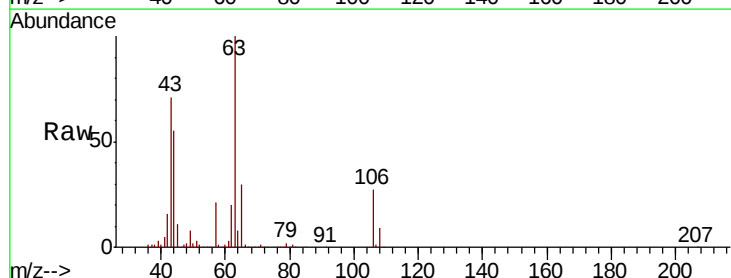
Acq: 26 Sep 2018 16:03

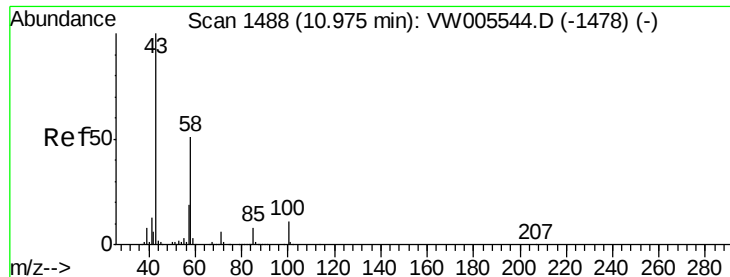
Tgt Ion: 63 Resp: 244456

Ion Ratio Lower Upper

63 100

106 28.1 21.6 32.4





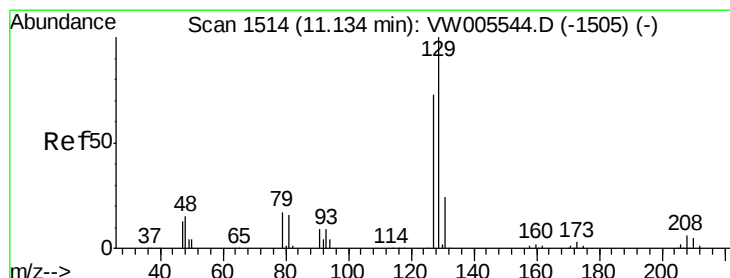
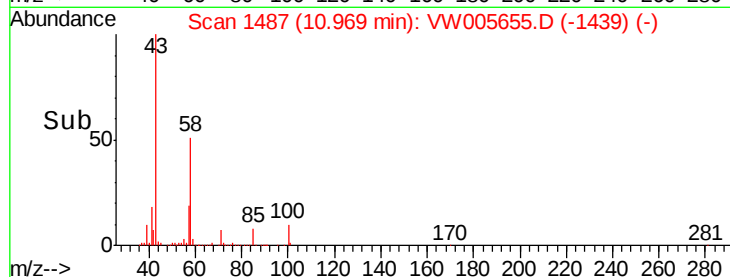
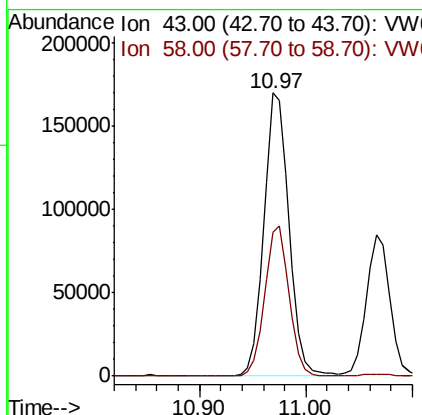
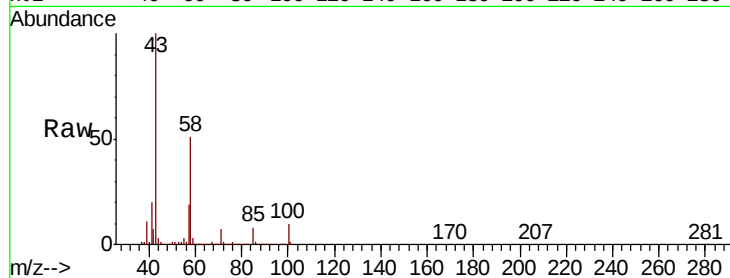
#59
2-Hexanone
Concen: 293.803 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.6	25.3	75.9

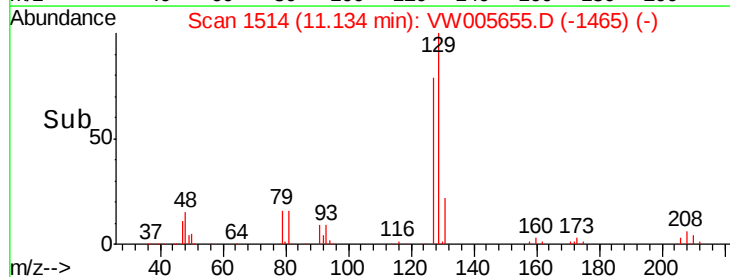
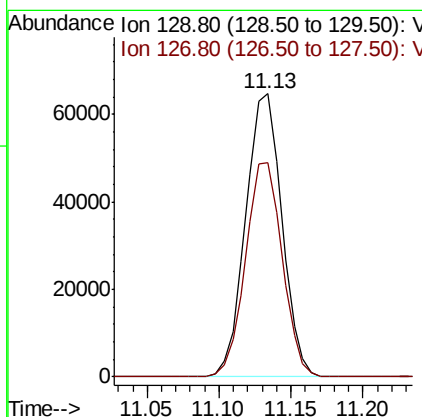
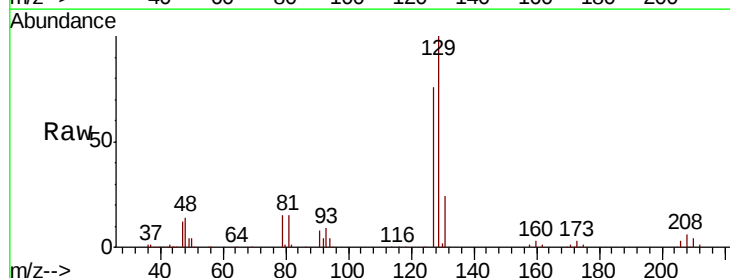
Manual Integrations
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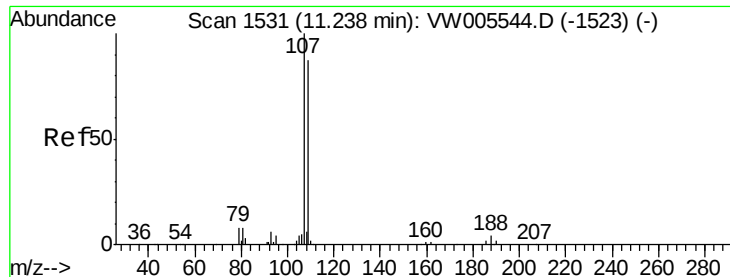
apatel
9/27/2018 10:33:35 AM



#60
Dibromochloromethane
Concen: 56.119 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.5	115.5





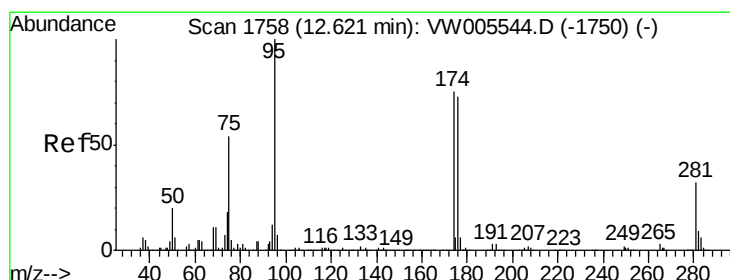
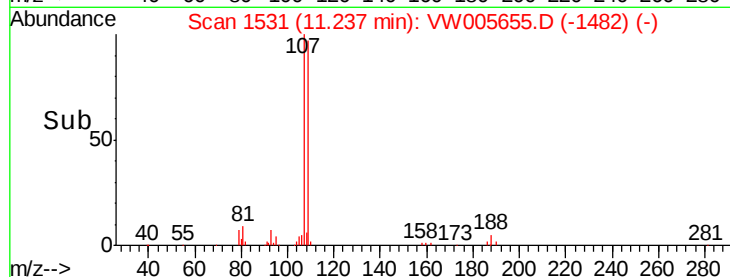
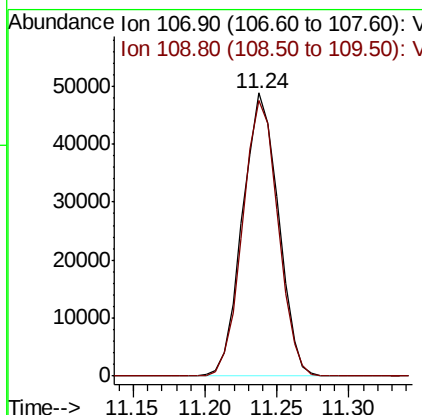
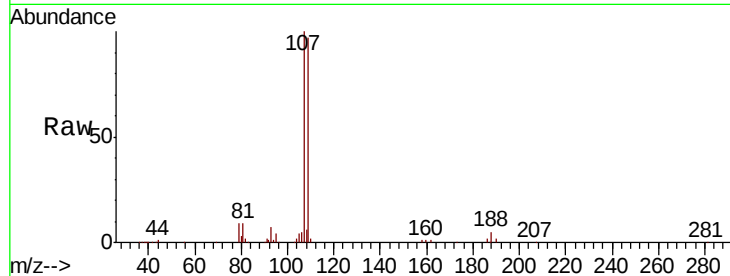
#61
 1,2-Dibromoethane
 Concen: 54.196 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005655.D
 Acq: 26 Sep 2018 16:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 84188
 Ion Ratio Lower Upper
 107 100
 109 96.1 73.4 110.0

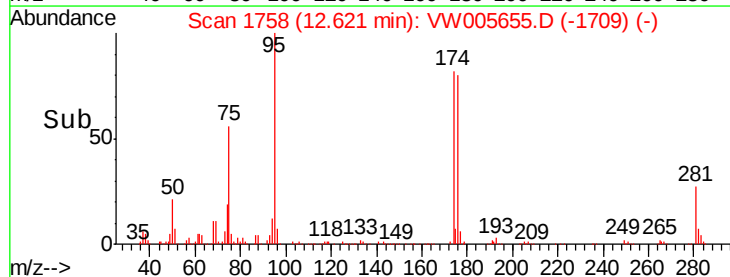
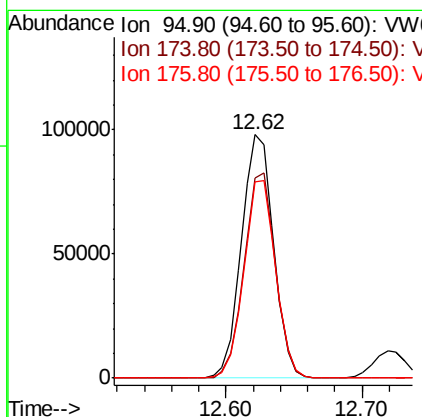
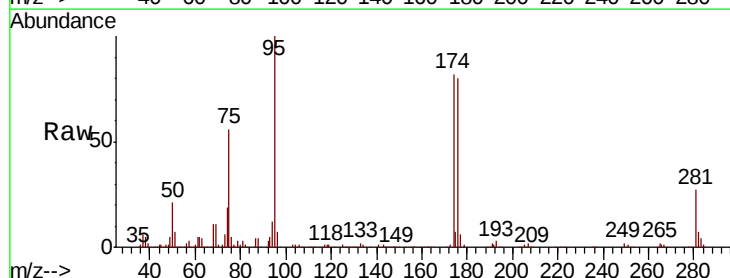
Manual Integrations
 APPROVED

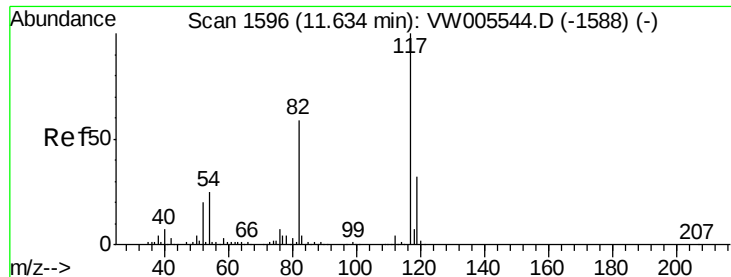
apatel
 9/27/2018 10:33:35 AM



#62
 4-Bromofluorobenzene
 Concen: 51.033 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005655.D
 Acq: 26 Sep 2018 16:03

Tgt Ion: 95 Resp: 161872
 Ion Ratio Lower Upper
 95 100
 174 82.4 0.0 163.8
 176 80.3 0.0 158.0





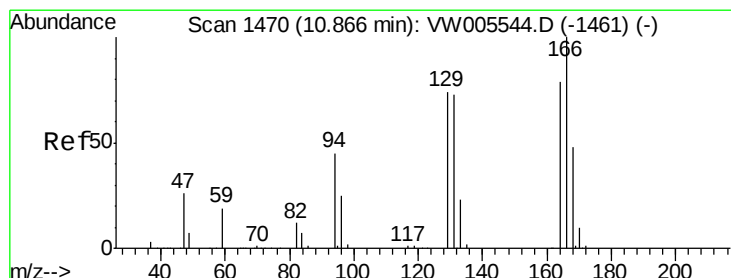
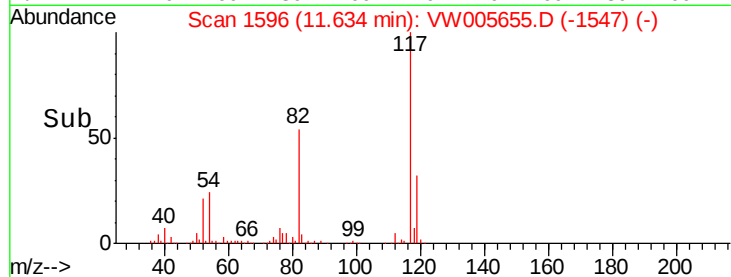
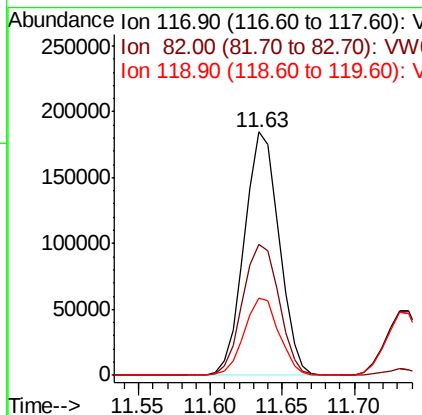
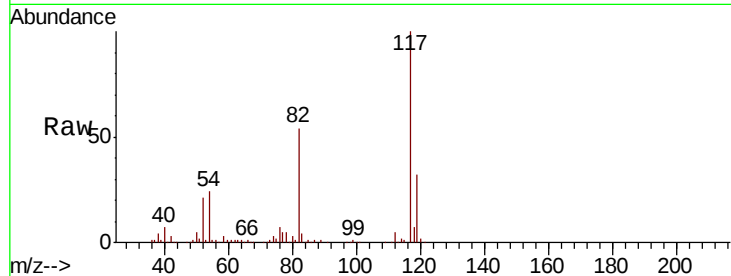
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	309844		
82	54.1	46.9	70.3	
119	31.8	25.7	38.5	

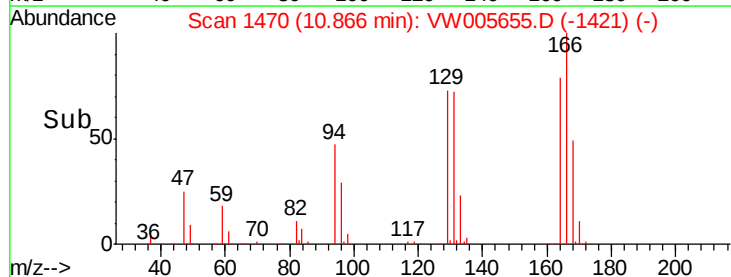
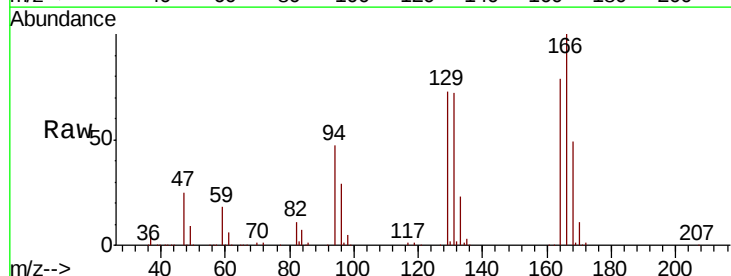
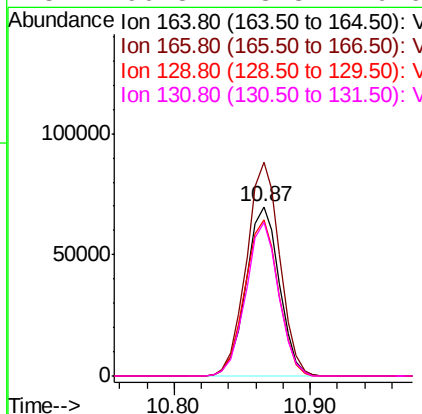
Manual Integrations
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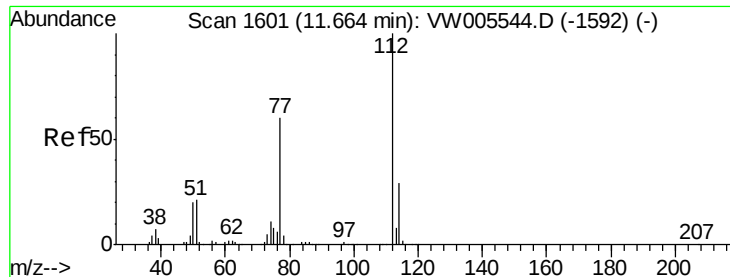
apatel
9/27/2018 10:33:35 AM



#64
Tetrachloroethene
Concen: 54.403 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	119637		
166	126.3	101.1	151.7	
129	92.2	74.4	111.6	
131	90.8	73.8	110.6	





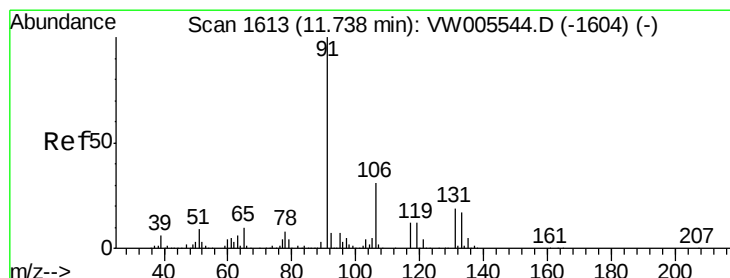
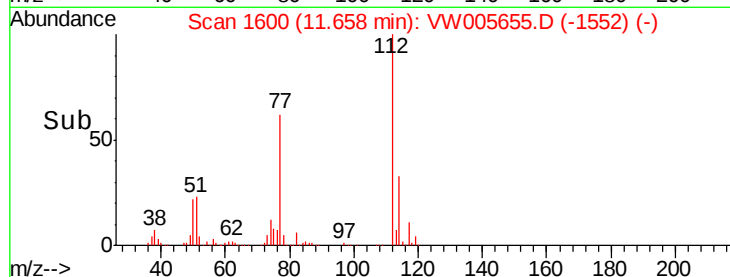
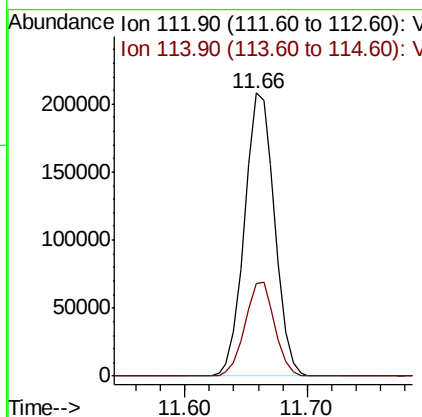
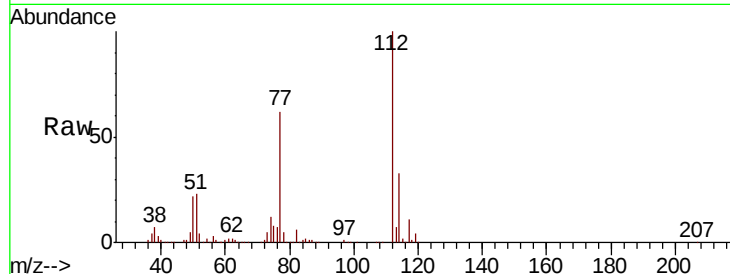
#65
Chlorobenzene
Concen: 54.107 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	355897		
114	32.7	22.9	34.3	

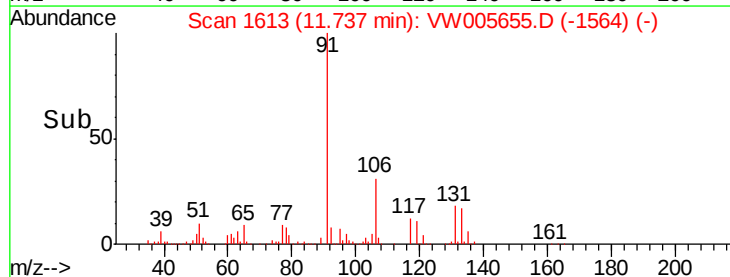
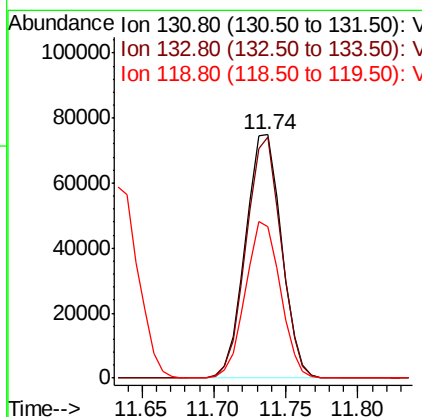
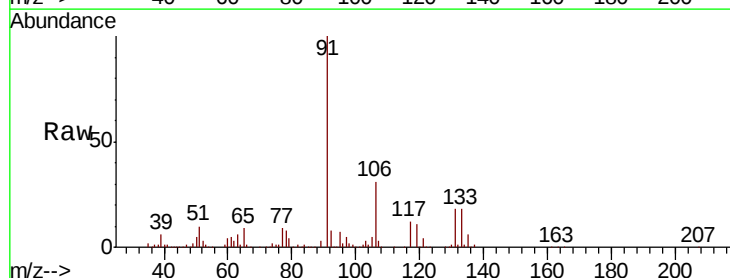
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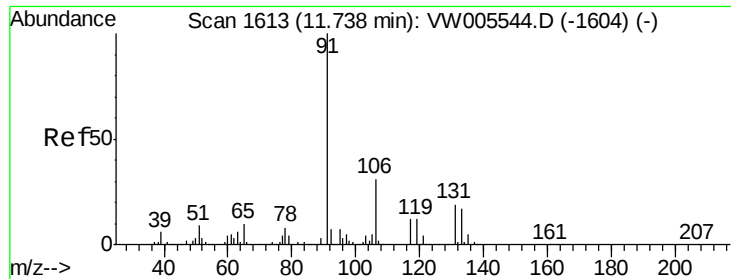
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.885 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	129932		
133	96.2	47.2	141.6	
119	62.5	31.1	93.2	





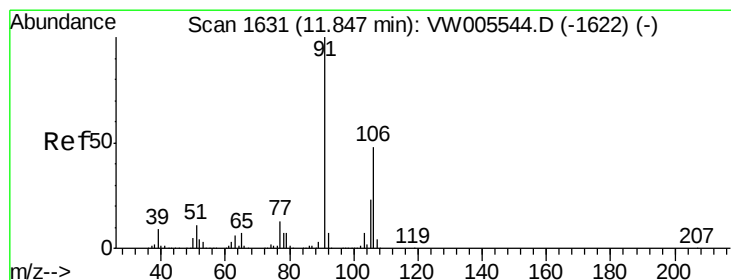
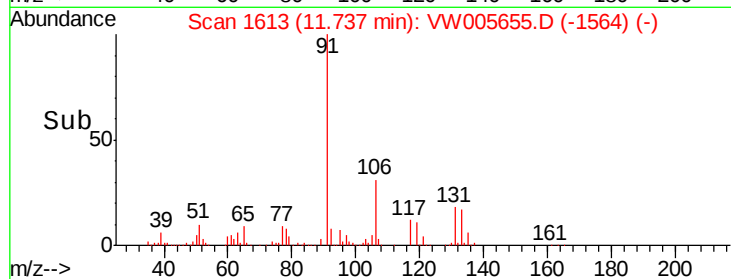
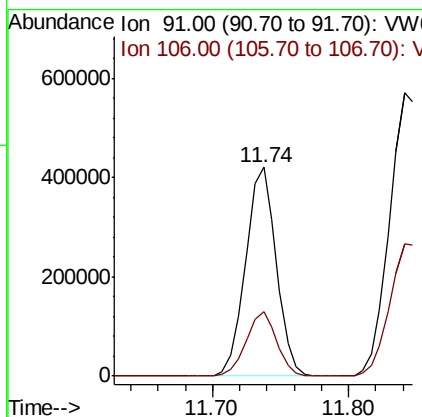
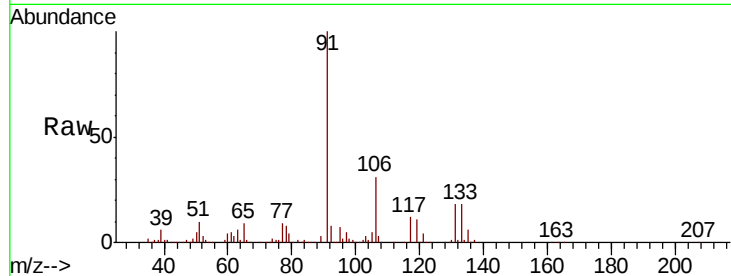
#67
Ethyl Benzene
Concen: 56.844 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.4	36.6

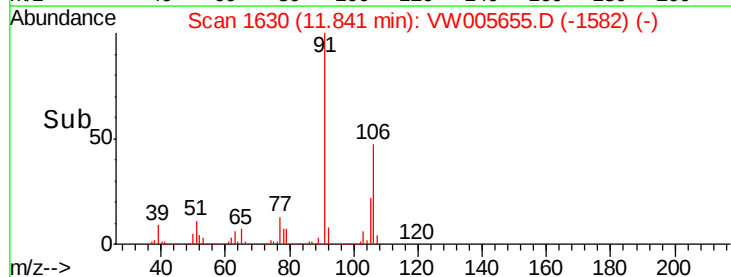
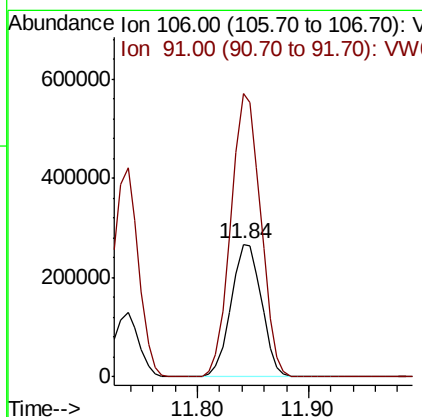
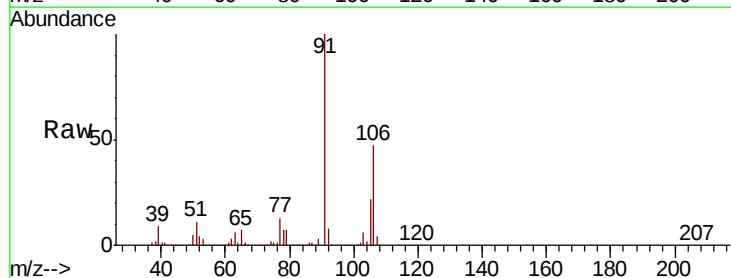
Manual Integrations
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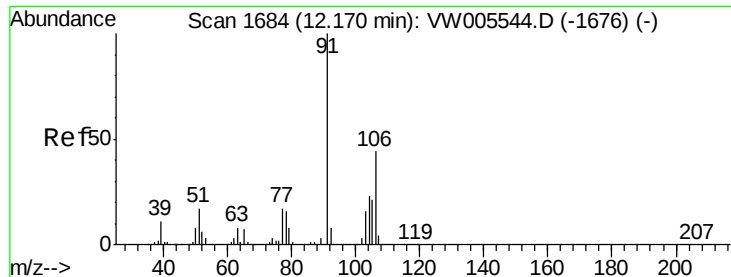
apatel
9/27/2018 10:33:35 AM



#68
m/p-Xylenes
Concen: 114.197 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.6	167.8	251.8





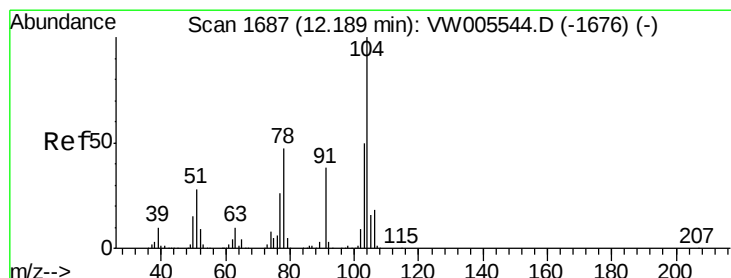
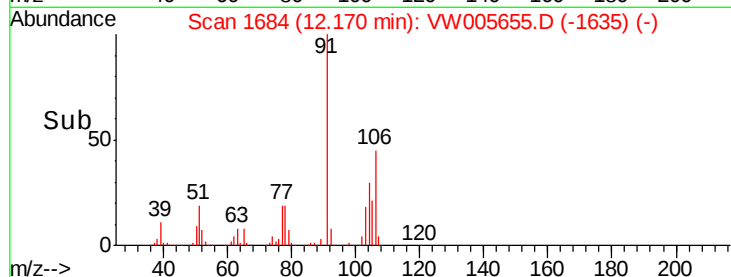
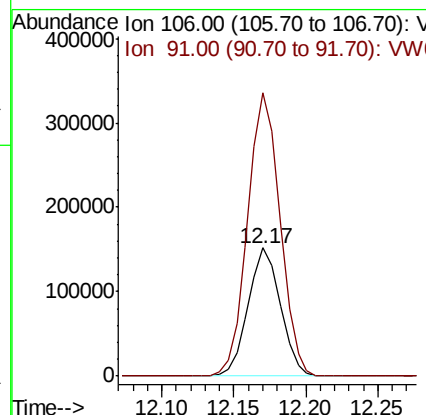
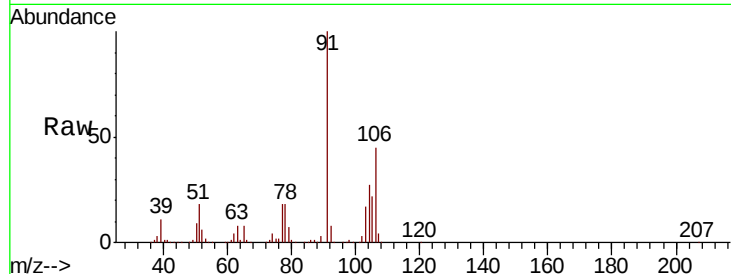
#69
o-Xylene
Concen: 56.913 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	235111		
91	222.2	111.0	333.0	

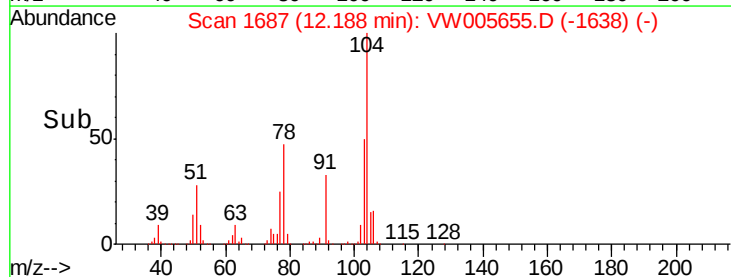
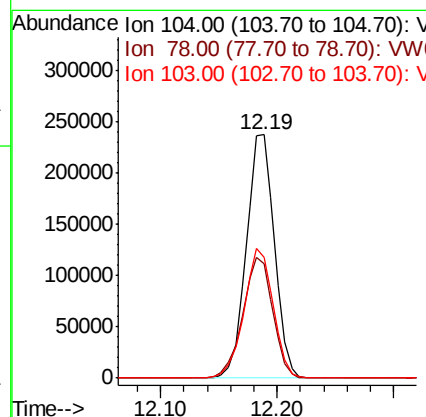
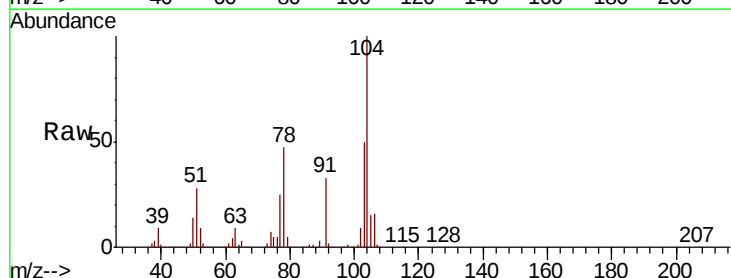
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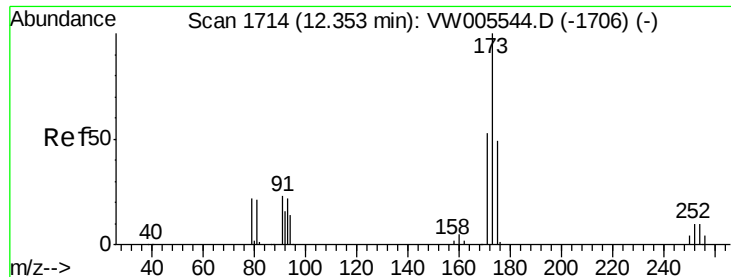
apatel
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#70
Styrene
Concen: 57.359 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	398766		
78	53.1	42.2	63.4	
103	55.4	44.6	66.8	





#71

Bromoform

Concen: 56.657 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 71196

Ion Ratio Lower Upper

173 100

175 49.4 24.3 72.9

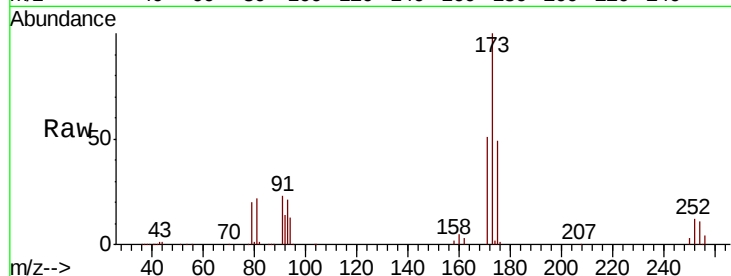
254 0.1 0.1 0.1#

Manual Integrations

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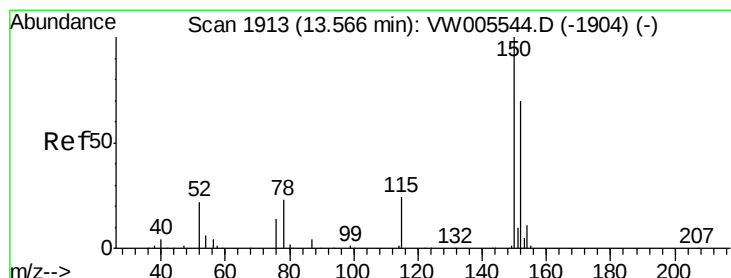
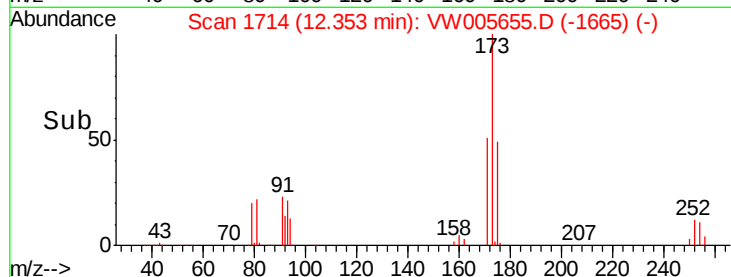
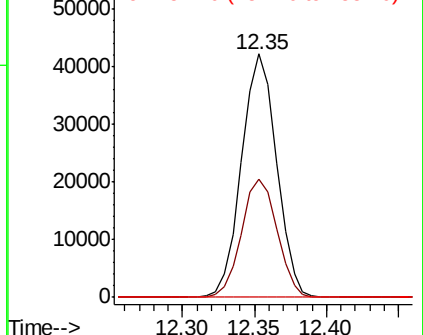
9/27/2018 10:33:35 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

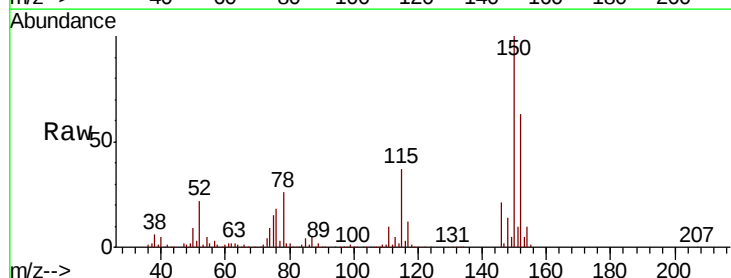
Tgt Ion:152 Resp: 171026

Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

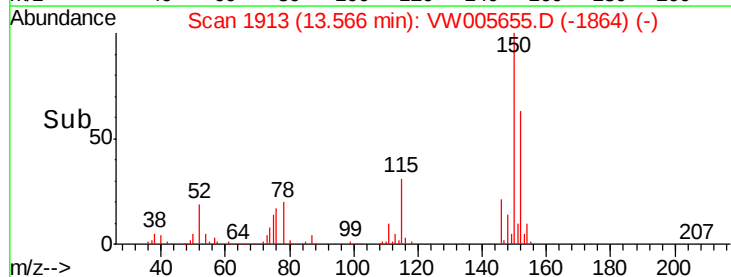
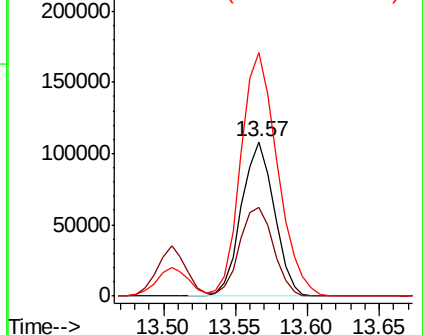
150 176.0 0.0 348.6

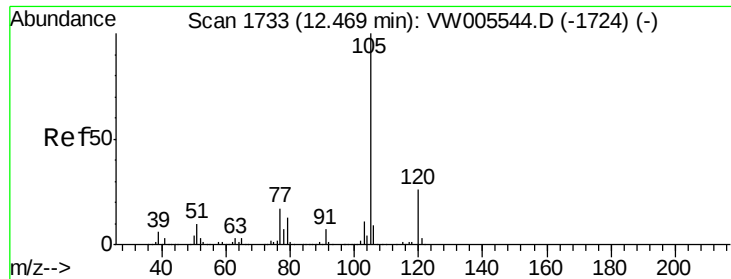


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





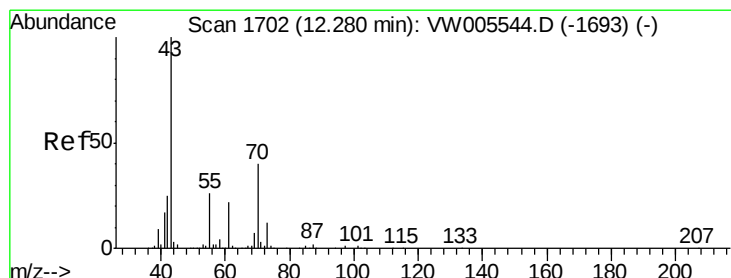
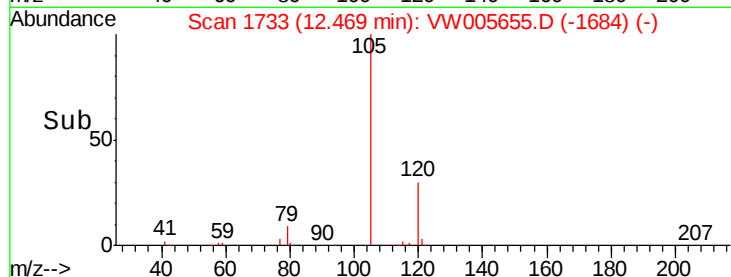
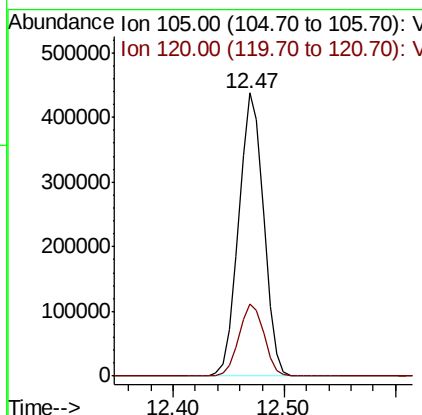
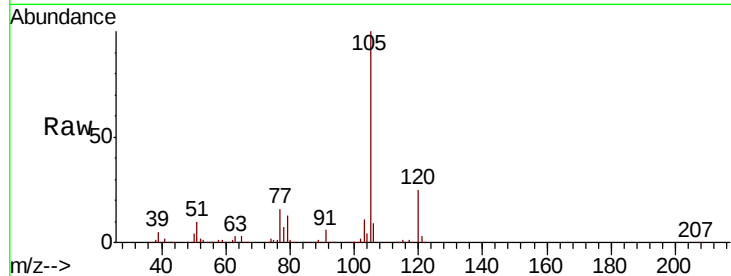
#73
Isopropylbenzene
Concen: 57.142 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.9	38.7

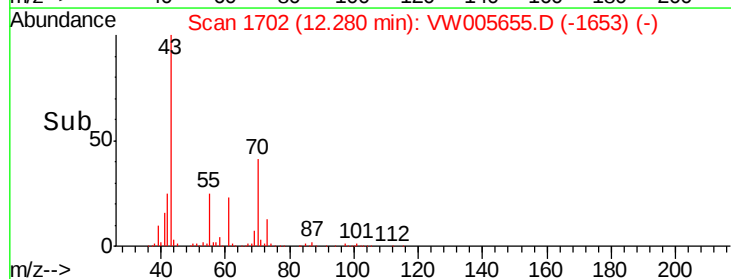
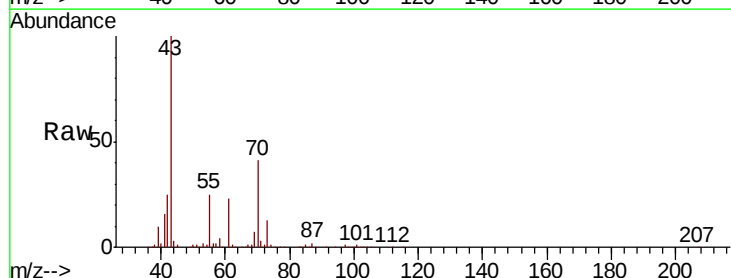
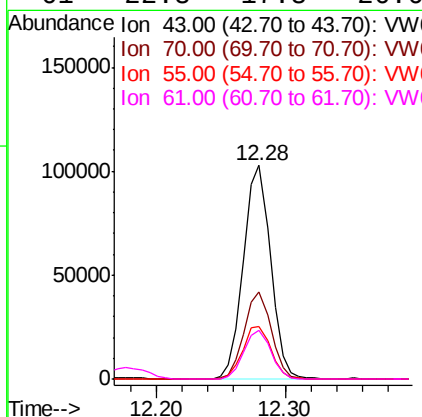
Manual Integrations
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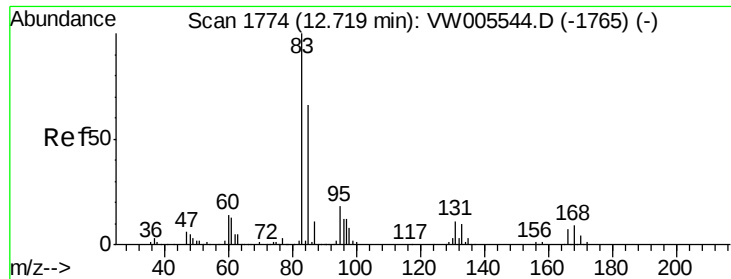
apatel
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#74
N-ethyl acetate
Concen: 55.905 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.4	31.4	47.0
55	25.7	20.9	31.3
61	22.8	17.8	26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 54.594 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Instrument :

MSVOA_W

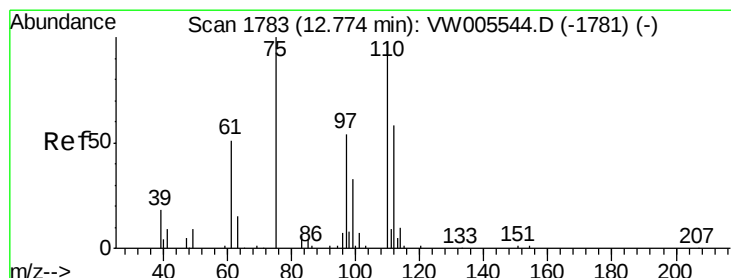
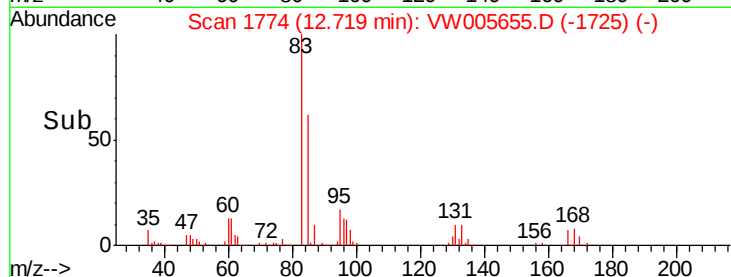
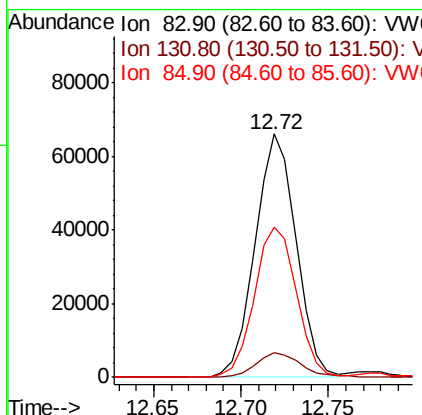
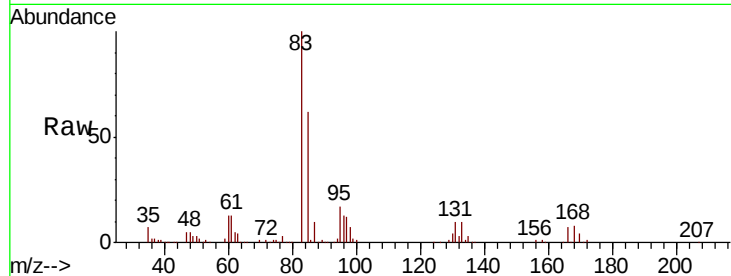
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	107550
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.7
85	63.6	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 61.481 ug/l m

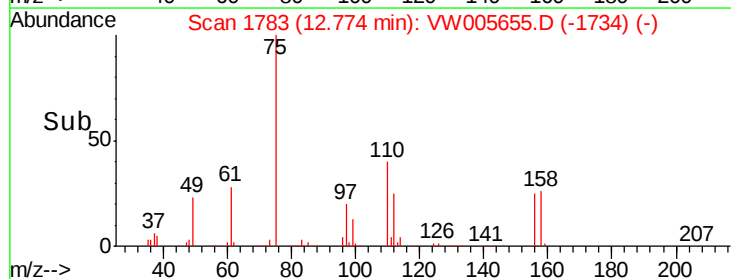
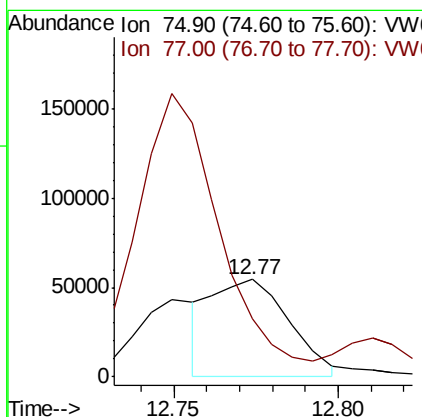
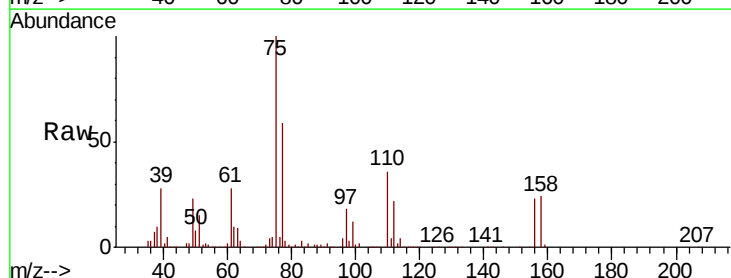
RT: 12.77 min Scan# 1783

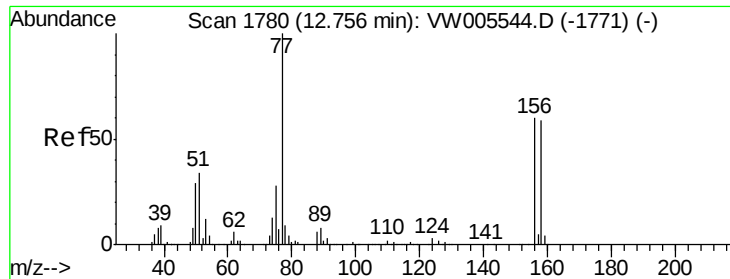
Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Tgt Ion:	75	Resp:	89632
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 55.089 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Instrument :

MSVOA_W

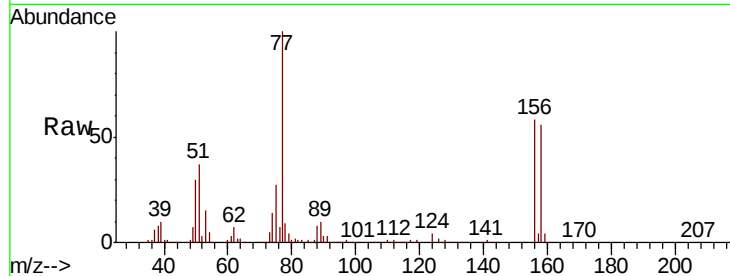
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	153137
Ion Ratio	Lower	Upper	
156	100		
77	184.5	94.7	284.1
158	96.5	48.0	144.2

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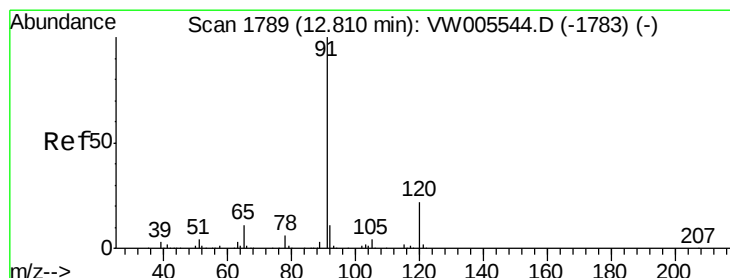
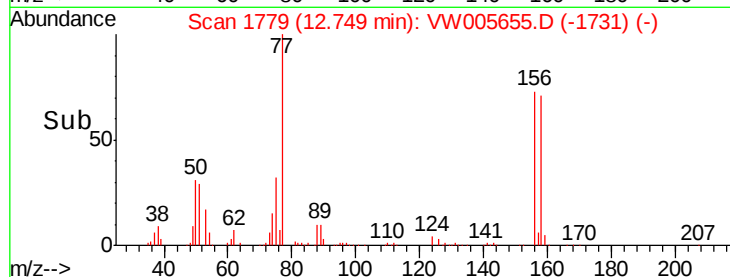
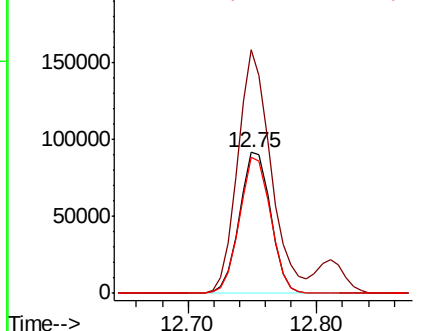
apatel
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.774 ug/l

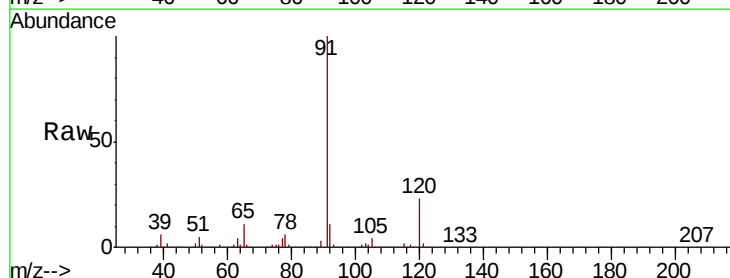
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005655.D

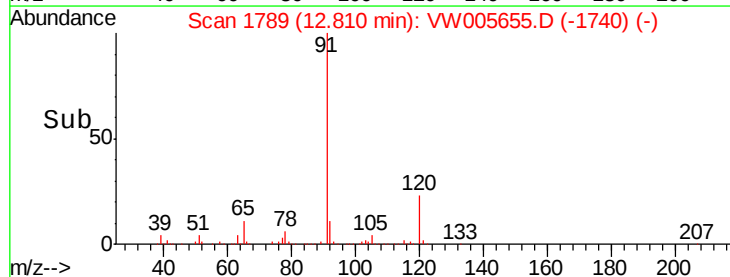
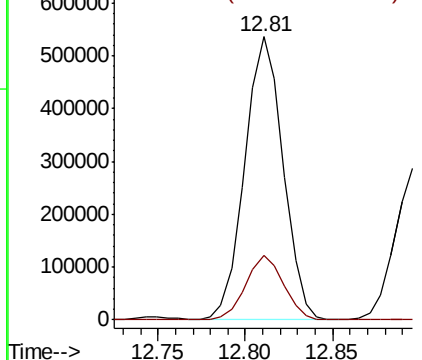
Acq: 26 Sep 2018 16:03

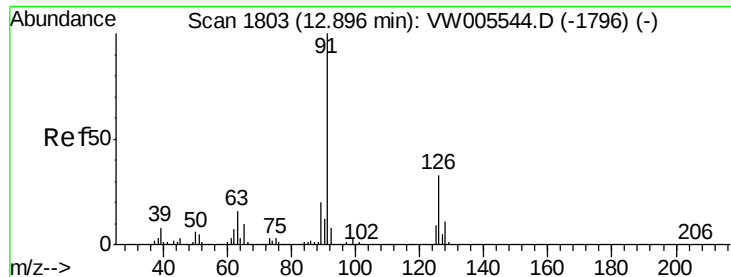
Tgt Ion:	91	Resp:	815224
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.2	33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.582 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 461745

Ion Ratio Lower Upper

91 100

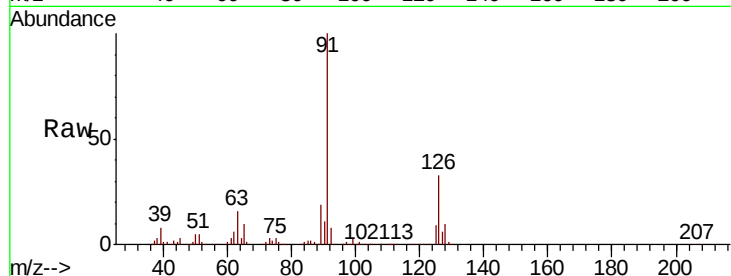
126 32.9 16.4 49.1

Manual Integrations

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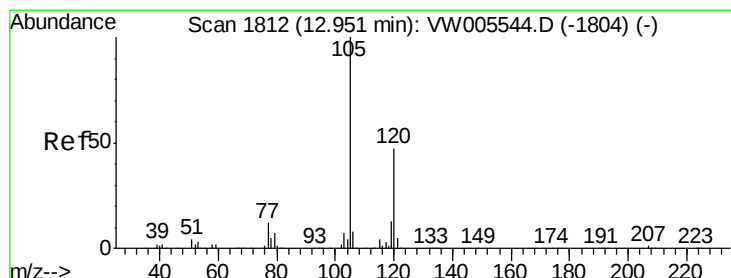
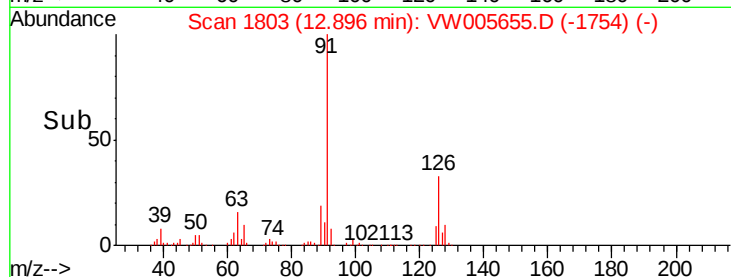
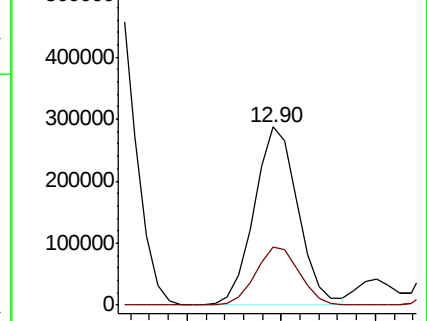
apatel

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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: 56.764 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005655.D

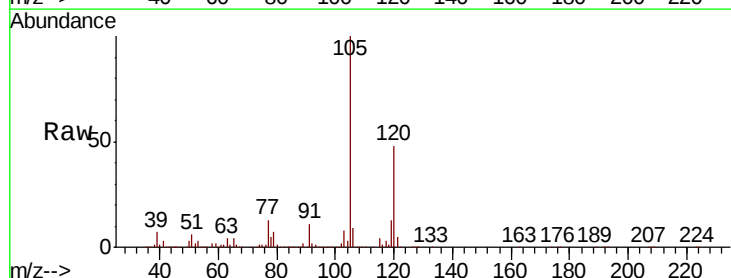
Acq: 26 Sep 2018 16:03

Tgt Ion:105 Resp: 585404

Ion Ratio Lower Upper

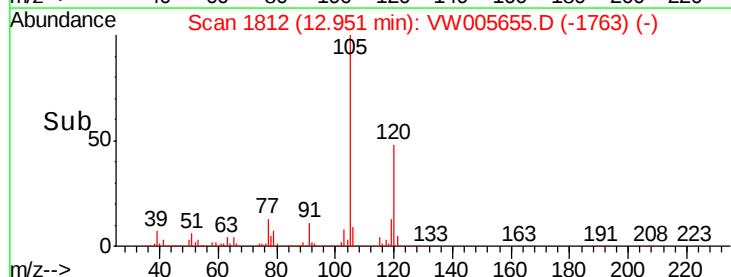
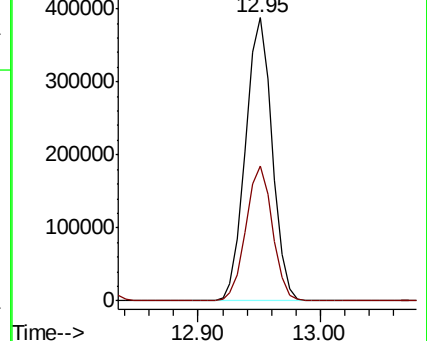
105 100

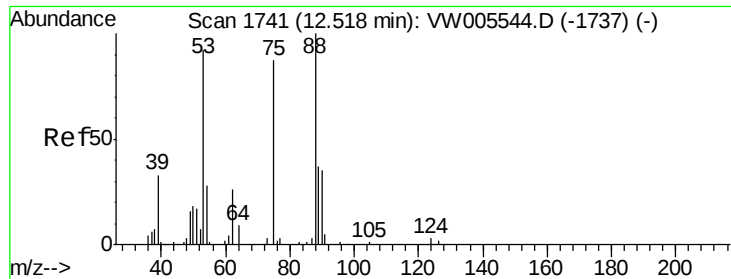
120 47.4 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





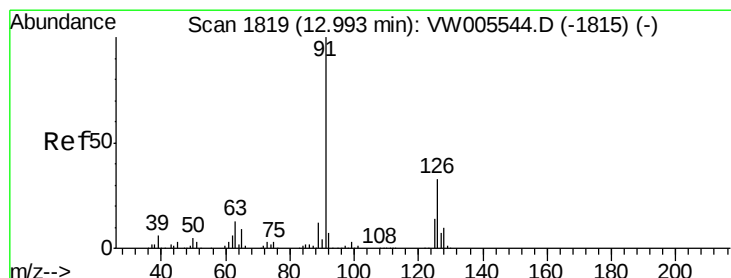
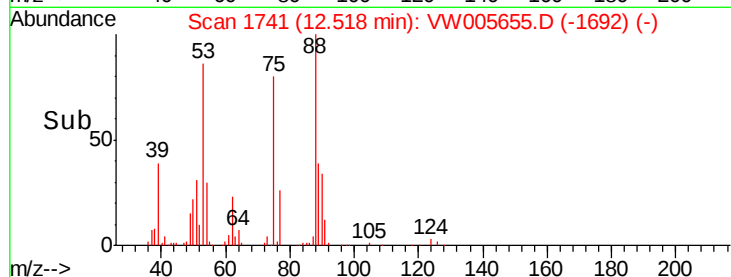
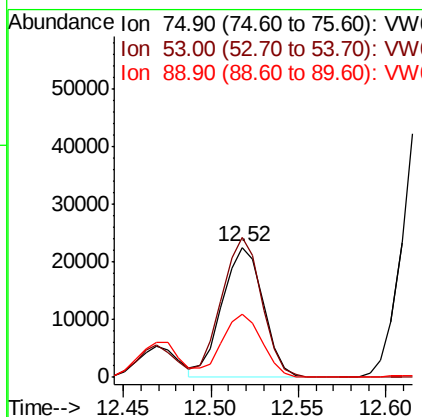
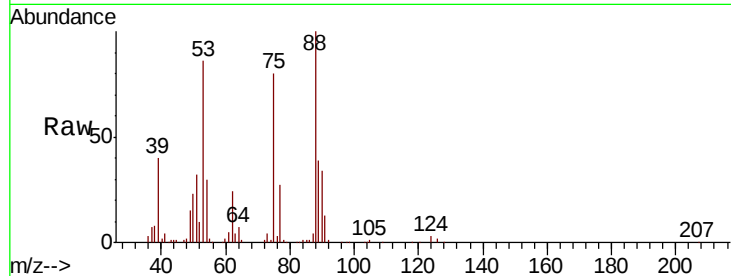
#81
trans-1,4-Dichloro-2-butene
Concen: 57.029 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.6	85.8	128.6
89	46.8	37.3	55.9

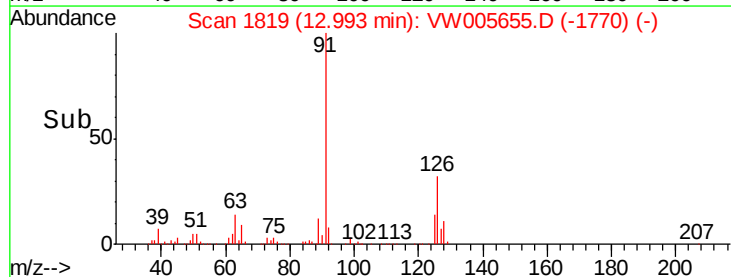
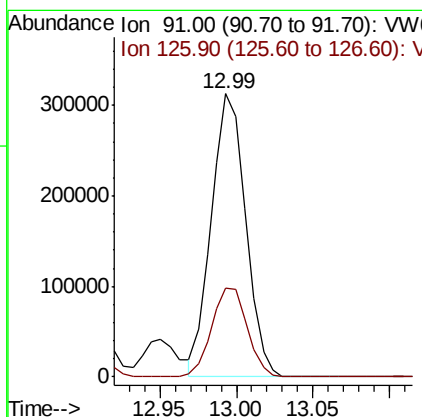
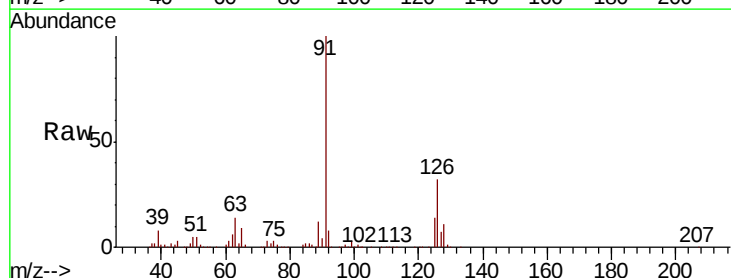
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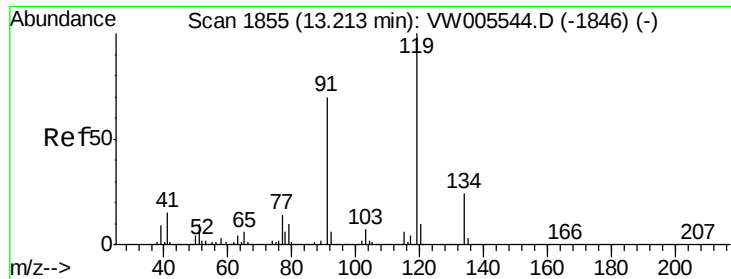
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#82
4-Chlorotoluene
Concen: 55.609 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.4





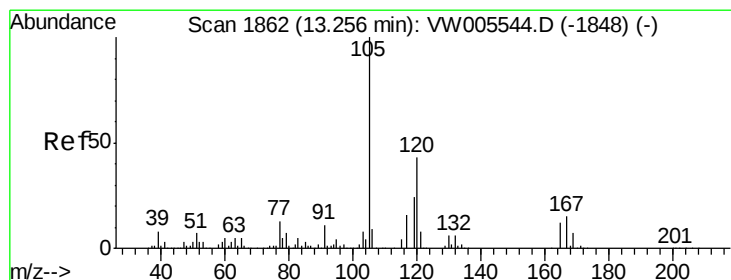
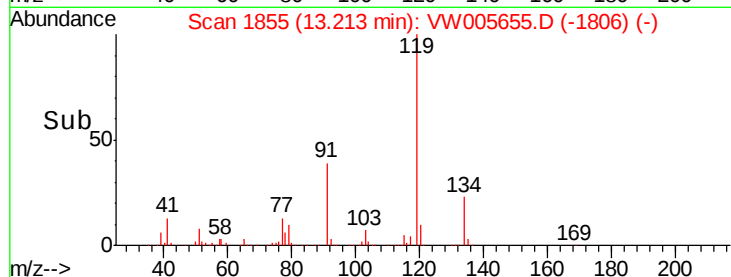
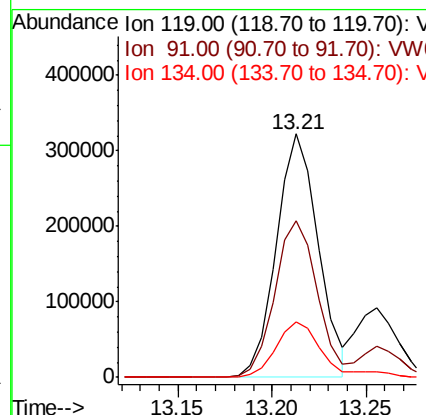
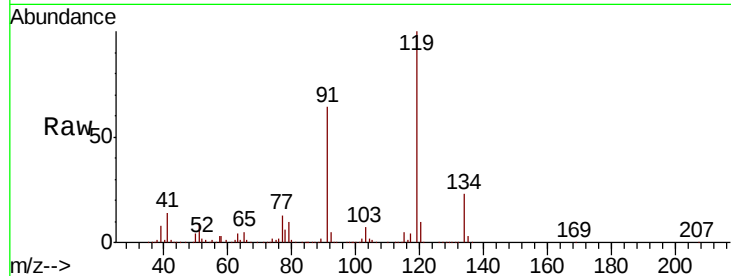
#83
tert-Butylbenzene
Concen: 57.307 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.4	34.6	103.8
134	25.4	12.6	37.6

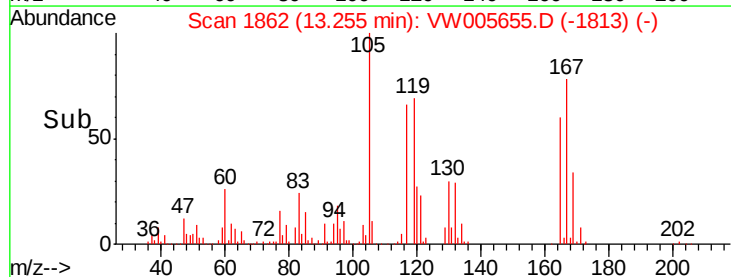
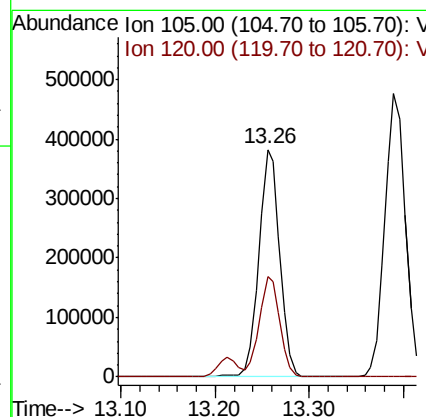
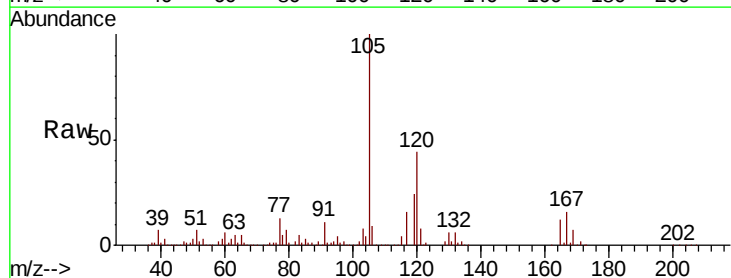
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 57.312 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	21.5	64.5





#85

sec-Butylbenzene

Concen: 57.504 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 722580

Ion Ratio Lower Upper

105 100

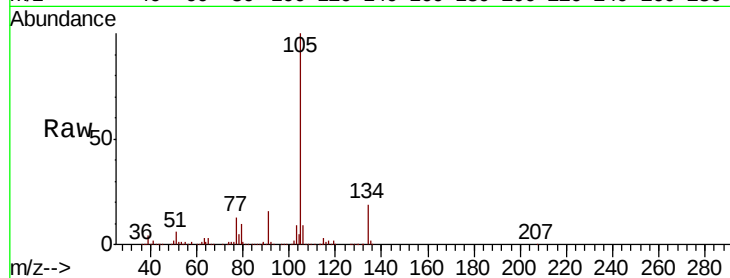
134 19.4 9.8 29.5

Manual Integrations

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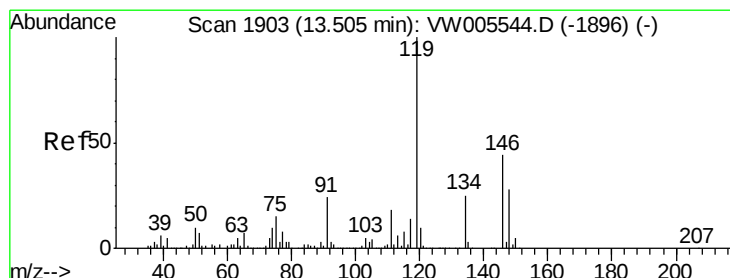
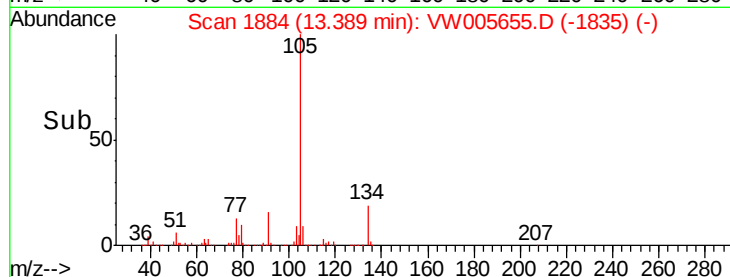
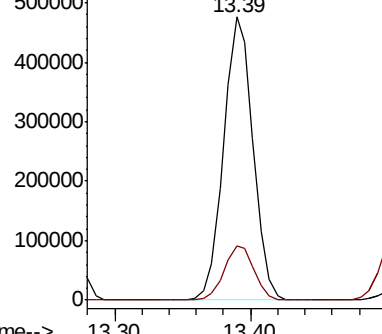
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 58.135 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

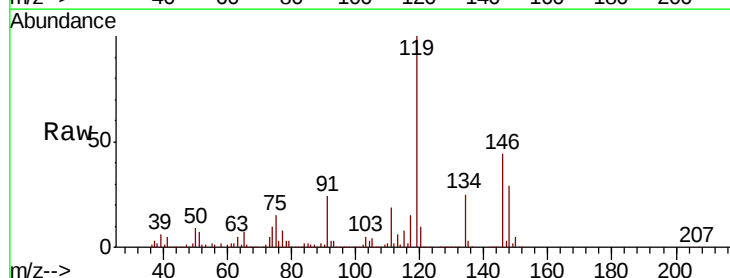
Tgt Ion:119 Resp: 654782

Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.1

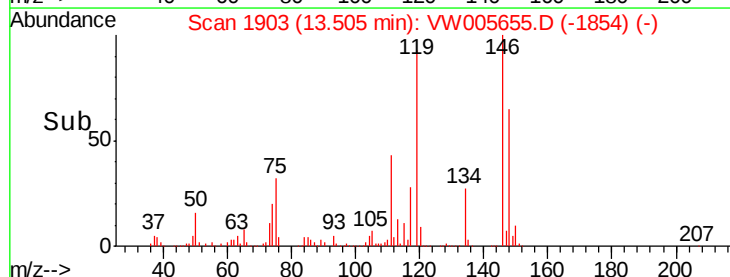
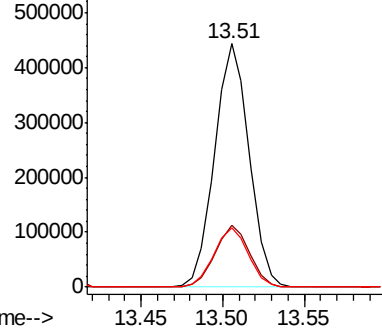
91 24.3 12.2 36.4

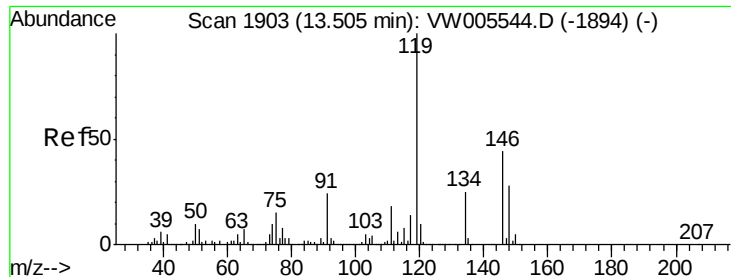


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 55.034 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

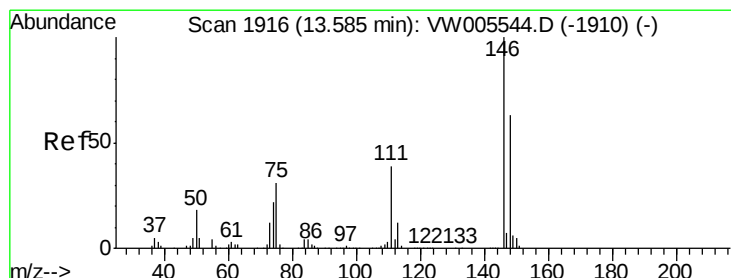
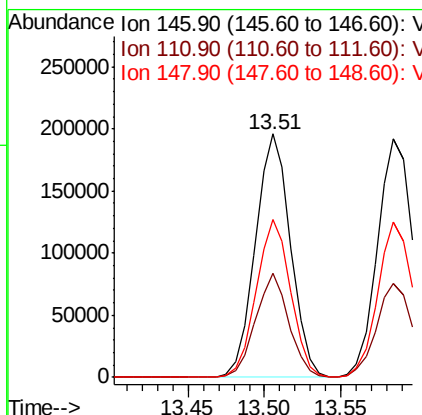
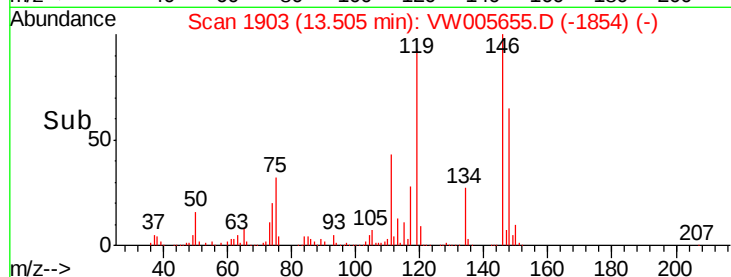
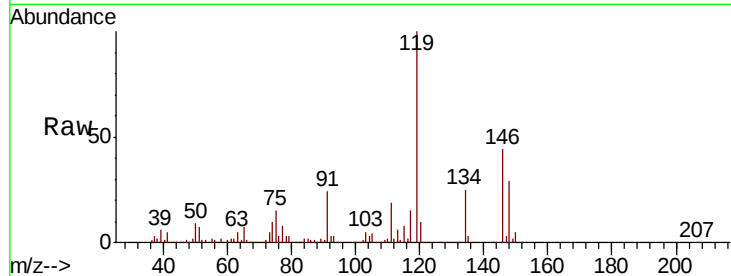
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	312815		
111	40.4	20.3	60.9	
148	63.5	31.8	95.4	

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#88

1,4-Dichlorobenzene

Concen: 54.733 ug/l

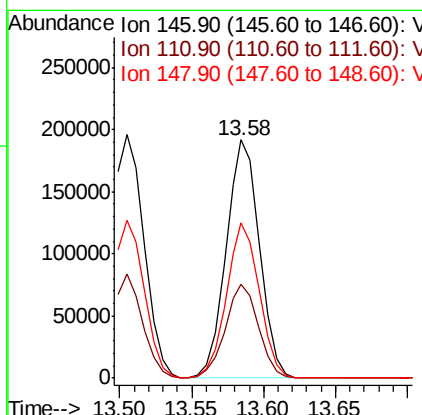
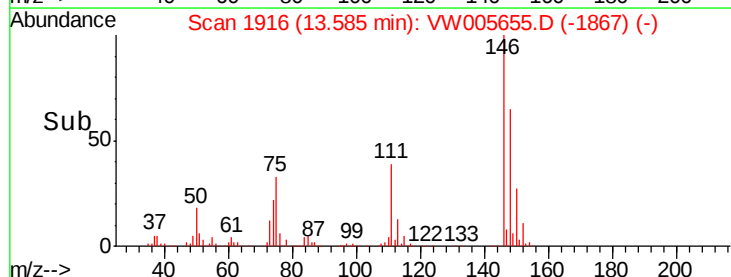
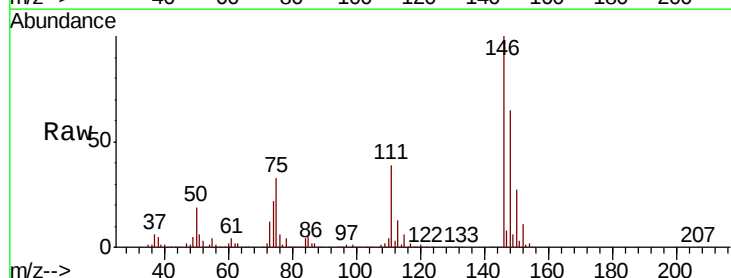
RT: 13.58 min Scan# 1916

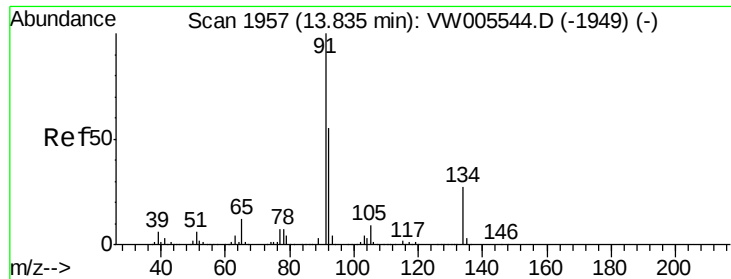
Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	309413		
111	39.4	19.9	59.7	
148	64.1	32.1	96.3	





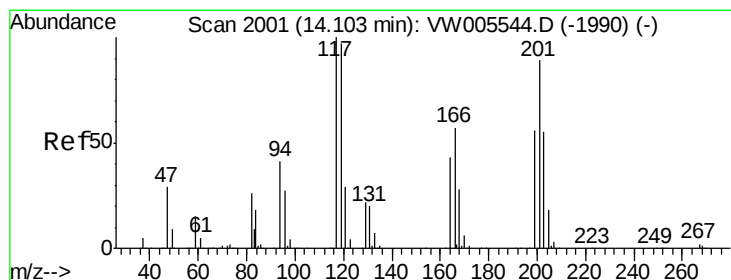
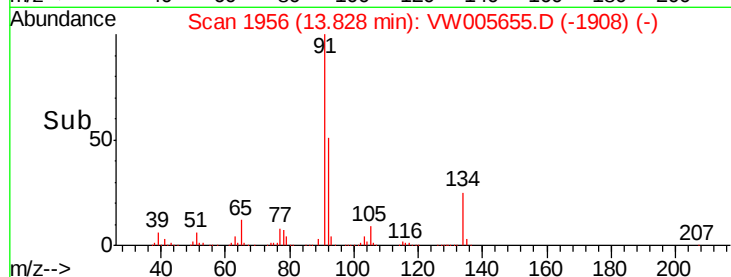
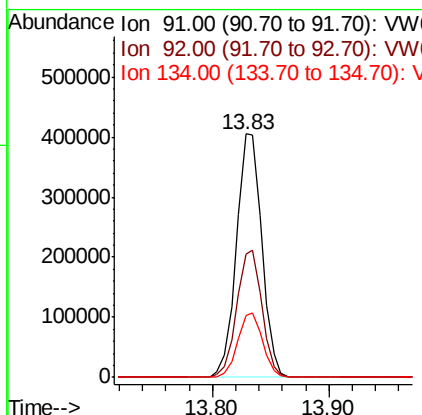
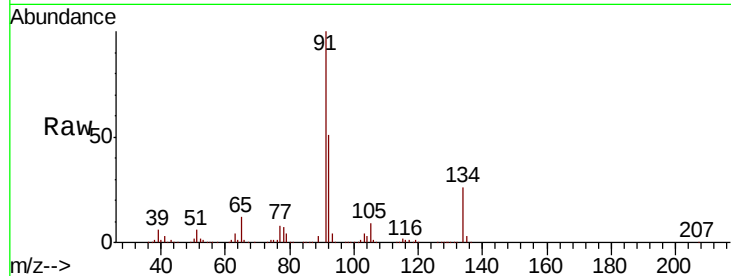
#89
n-Butylbenzene
Concen: 57.869 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.01 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.5	79.5
134	26.0	12.9	38.7

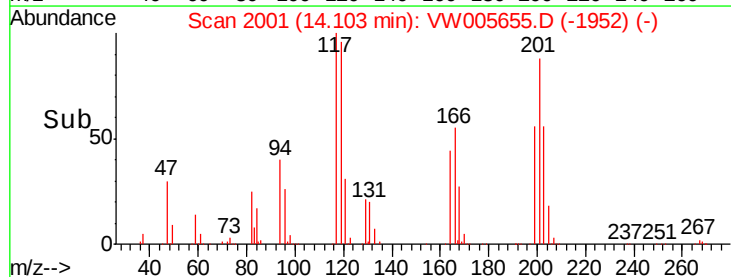
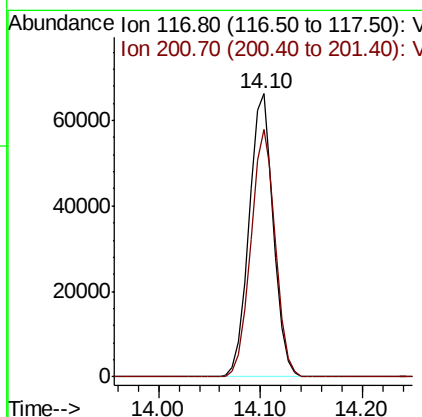
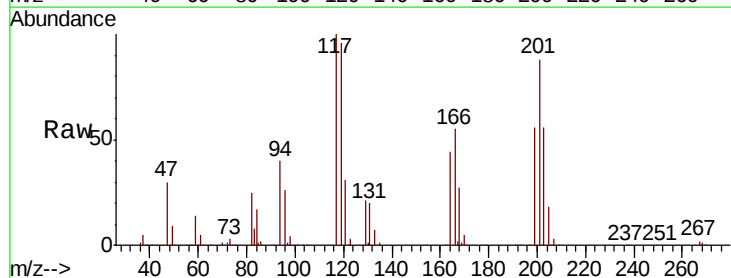
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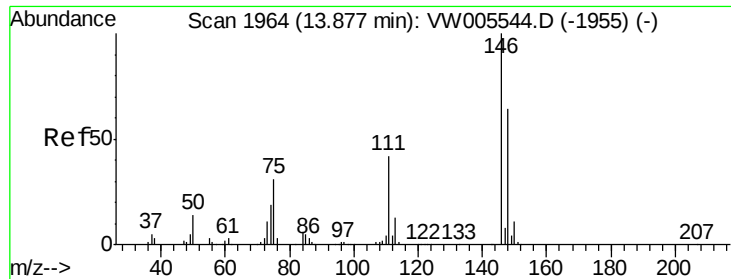
apatel
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#90
Hexachloroethane
Concen: 53.964 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.8	42.8	128.3





#91

1,2-Dichlorobenzene

Concen: 55.294 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Instrument :

MSVOA_W

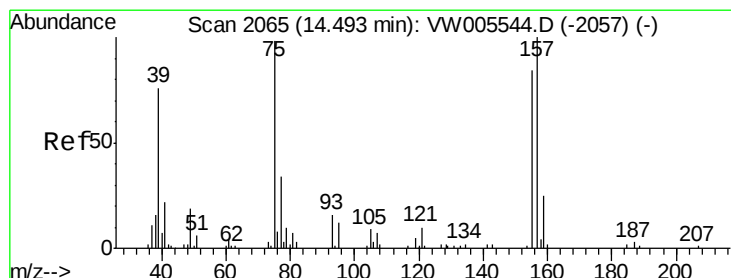
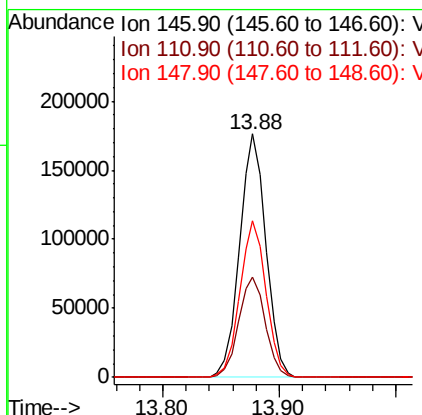
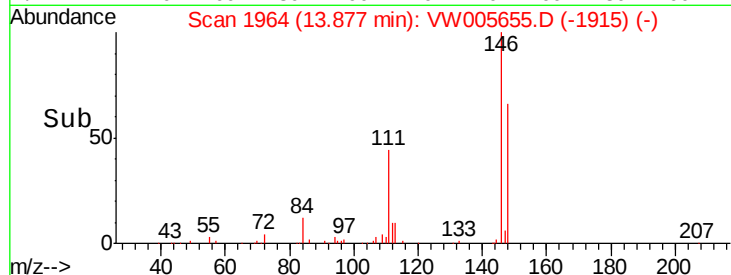
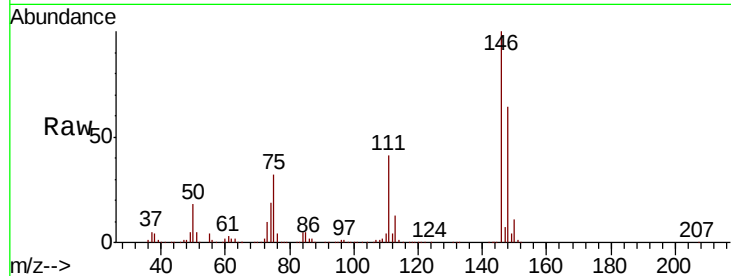
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	277447
Ion Ratio	Lower	Upper	
146	100		
111	41.7	21.3	63.9
148	63.7	32.0	96.2

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 54.706 ug/l

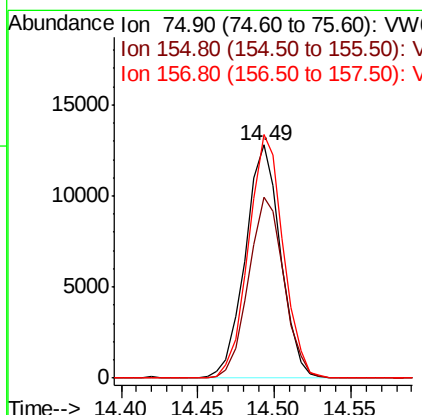
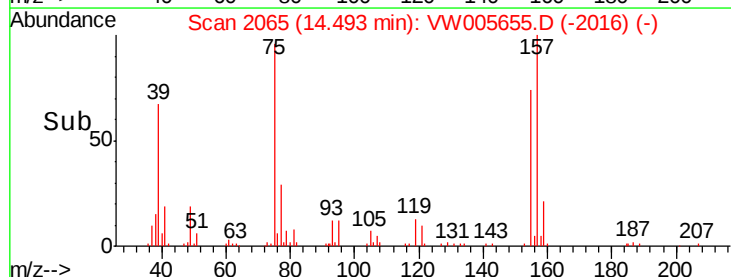
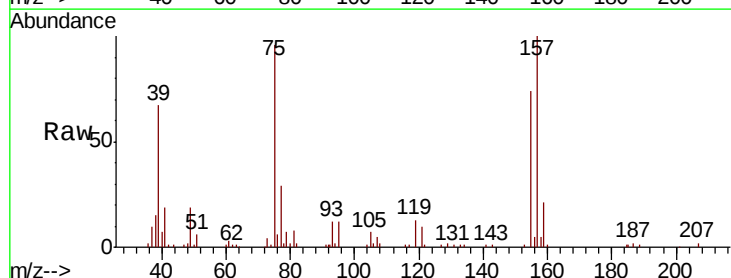
RT: 14.49 min Scan# 2065

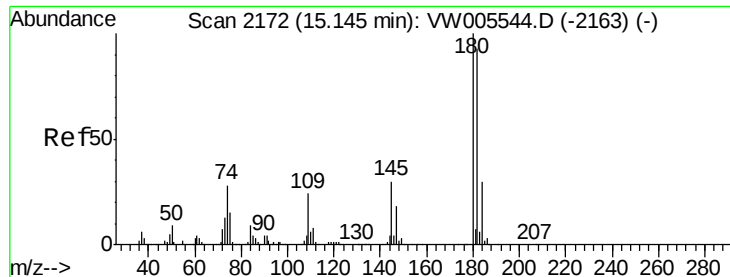
Delta R.T. -0.00 min

Lab File: VW005655.D

Acq: 26 Sep 2018 16:03

Tgt Ion:	75	Resp:	20533
Ion Ratio	Lower	Upper	
75	100		
155	77.7	39.1	117.5
157	102.6	50.8	152.4





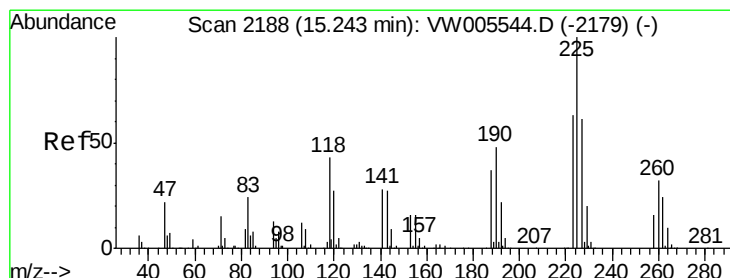
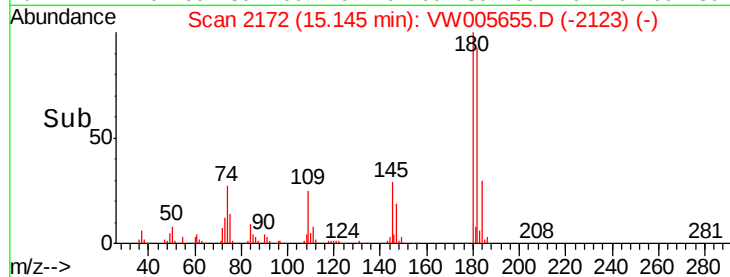
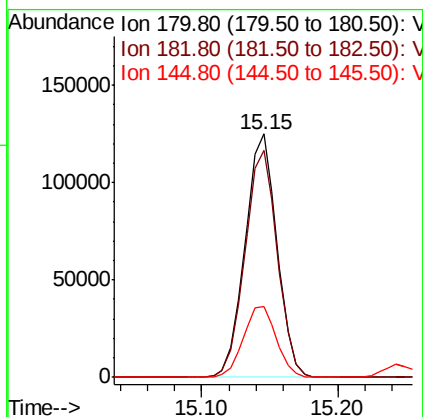
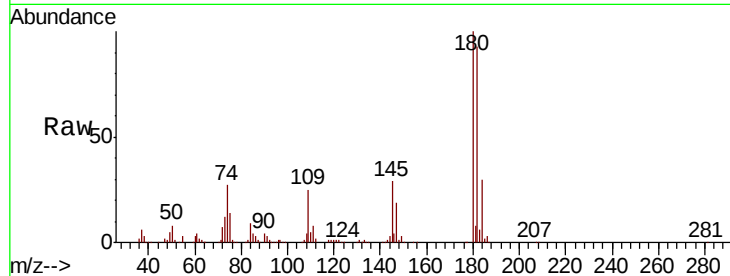
#93
 1,2,4-Trichlorobenzene
 Concen: 57.401 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005655.D
 Acq: 26 Sep 2018 16:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	205462		
182	94.5	47.7	143.1	
145	30.0	15.0	45.1	

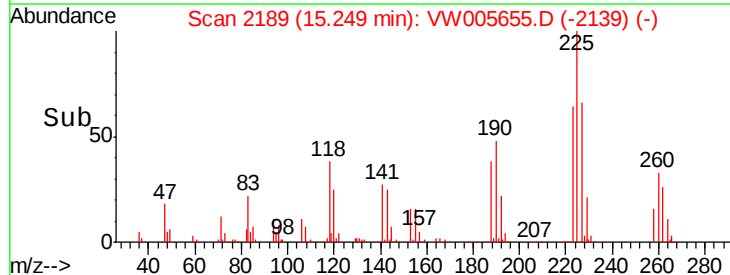
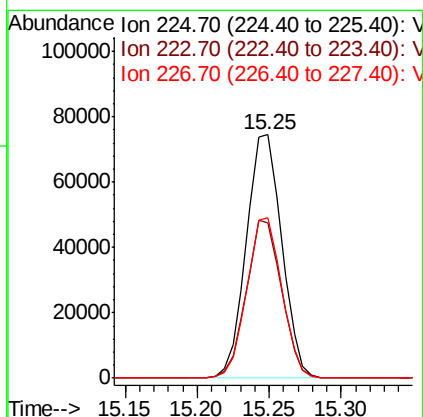
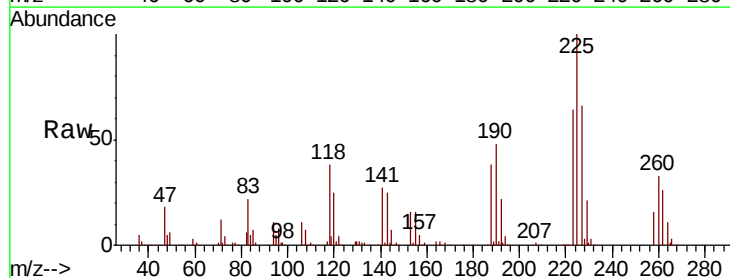
Manual Integrations
 APPROVED

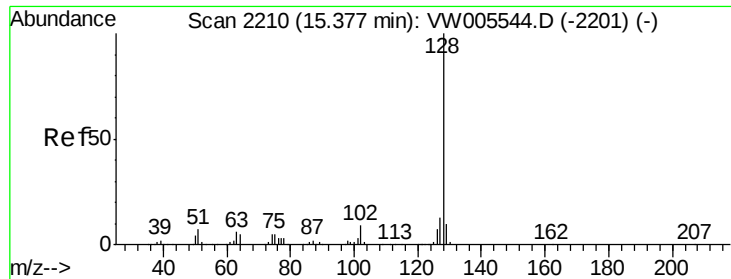
apatel
 9/27/2018 10:33:35 AM



#94
 Hexachlorobutadiene
 Concen: 54.782 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005655.D
 Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	127034		
223	64.2	31.1	93.3	
227	64.9	31.8	95.3	





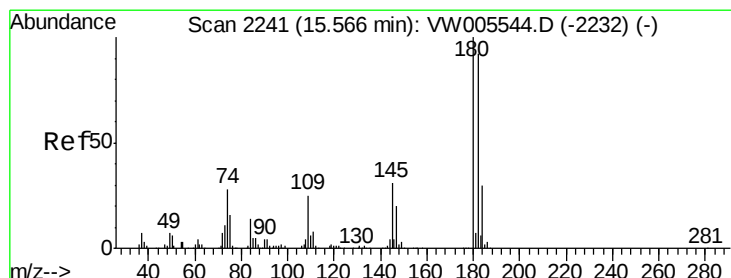
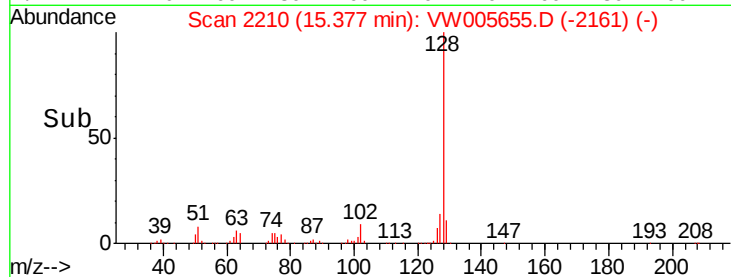
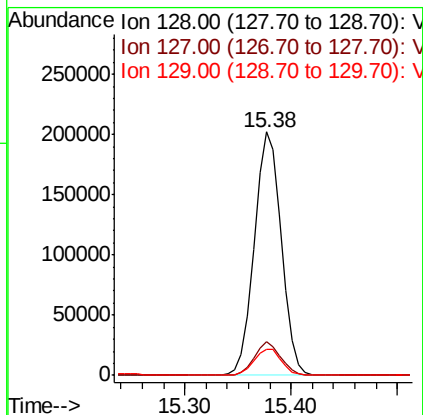
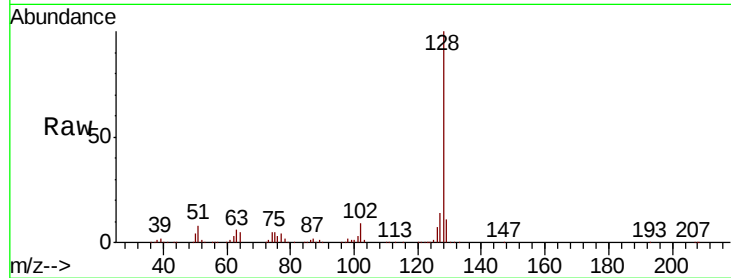
#95
Naphthalene
Concen: 59.603 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	358855		
127	13.4	10.9	16.3	
129	11.0	8.6	13.0	

Manual Integrations
APPROVED

apatel
9/27/2018 10:33:35 AM



#96
1,2,3-Trichlorobenzene
Concen: 56.624 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005655.D
Acq: 26 Sep 2018 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	178619		
182	94.0	47.3	141.9	
145	32.2	16.0	47.9	

