

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006732.D
 Acq On : 07 Nov 2018 13:12
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 11/8/2018 11:03:16 AM

Quant Time: Nov 07 15:52:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	318259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	289159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	168657	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	92551	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	
35) Dibromofluoromethane	7.88	113	101118	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.33	98	381689	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.62	95	138250	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	64249	52.358	ug/l	98
3) Chloromethane	2.21	50	71919	47.368	ug/l	98
4) Vinyl Chloride	2.37	62	108565	51.210	ug/l	99
5) Bromomethane	2.79	94	92330	51.896	ug/l	99
6) Chloroethane	2.93	64	79363	53.578	ug/l	99
7) Trichlorofluoromethane	3.26	101	104171	55.644	ug/l	100
8) Diethyl Ether	3.68	74	46031	44.981	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	111526	55.788	ug/l	100
10) Methyl Iodide	4.26	142	180286	49.738	ug/l	100
11) Tert butyl alcohol	5.23	59	24380	222.381	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	101067	52.345	ug/l	97
13) Acrolein	3.90	56	25733	186.625	ug/l	100
14) Allyl chloride	4.67	41	129059	51.207	ug/l	99
15) Acrylonitrile	5.38	53	87060	237.264	ug/l	100
16) Acetone	4.14	43	92544	281.707	ug/l	100
17) Carbon Disulfide	4.37	76	290241	52.824	ug/l	99
18) Methyl Acetate	4.68	43	44106	46.691	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	134437	46.777	ug/l	99
20) Methylene Chloride	4.91	84	106992	50.290	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	114246	52.291	ug/l	98
22) Diisopropyl ether	6.31	45	261146	49.702	ug/l	98
23) Vinyl Acetate	6.26	43	711273	244.110	ug/l	99
24) 1,1-Dichloroethane	6.22	63	182882	51.357	ug/l	99
25) 2-Butanone	7.18	43	115564	246.525	ug/l	98
26) 2,2-Dichloropropane	7.17	77	124254	57.925	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	125547	51.363	ug/l	100
28) Bromochloromethane	7.51	49	69532	49.174	ug/l	97
29) Tetrahydrofuran	7.54	42	66446	225.357	ug/l	98
30) Chloroform	7.68	83	200892	51.455	ug/l	99
31) Cyclohexane	7.96	56	165554	51.081	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	177411	53.701	ug/l	99
36) 1,1-Dichloropropene	8.09	75	160891	57.486	ug/l	100
37) Ethyl Acetate	7.26	43	46898	48.354	ug/l	98
38) Carbon Tetrachloride	8.07	117	172343	58.931	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	209401	58.958	ug/l	99
40) Benzene	8.32	78	449913	56.596	ug/l	99
41) Methacrylonitrile	7.49	41	31734	53.358	ug/l	96
42) 1,2-Dichloroethane	8.40	62	119786	52.542	ug/l	100
43) Isopropyl Acetate	8.43	43	96325	49.770	ug/l	99
44) Trichloroethene	9.09	130	135587	55.271	ug/l	92
45) 1,2-Dichloropropane	9.37	63	103384	55.883	ug/l	100
46) Dibromomethane	9.46	93	57106	52.511	ug/l	99
47) Bromodichloromethane	9.65	83	139225	55.136	ug/l	94
48) Methyl methacrylate	9.44	41	47206	50.624	ug/l	99
49) 1,4-Dioxane	9.48	88	16775	1054.003	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	246660	248.150	ug/l	99
52) Toluene	10.39	92	295995	55.514	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	133320	54.860	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	158555	55.212	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	80324	52.056	ug/l	95
56) Ethyl methacrylate	10.65	69	88303	50.350	ug/l	98
57) 1,3-Dichloropropane	10.93	76	130492	52.080	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	197992	232.240	ug/l	100
59) 2-Hexanone	10.97	43	176588	261.568	ug/l	100
60) Dibromochloromethane	11.13	129	97281	53.212	ug/l	98
61) 1,2-Dibromoethane	11.24	107	77484	50.567	ug/l	96
64) Tetrachloroethene	10.87	164	119528	51.856	ug/l	97
65) Chlorobenzene	11.66	112	342478	56.284	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	118729	55.515	ug/l	99
67) Ethyl Benzene	11.74	91	592233	58.231	ug/l	96
68) m/p-Xylenes	11.85	106	471674	116.081	ug/l	99
69) o-Xylene	12.17	106	216524	55.973	ug/l	97
70) Styrene	12.19	104	357695	56.716	ug/l	99
71) Bromoform	12.35	173	61450	54.203	ug/l #	98
73) Isopropylbenzene	12.47	105	623791	56.145	ug/l	99
74) N-amyl acetate	12.28	43	94381	49.160	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	90185	51.394	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	58086m	44.141	ug/l	
77) Bromobenzene	12.75	156	151580	52.694	ug/l	98
78) n-propylbenzene	12.81	91	736299	57.617	ug/l	99
79) 2-Chlorotoluene	12.90	91	399752	54.506	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	522113	55.937	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	25405	49.997	ug/l	98
82) 4-Chlorotoluene	12.99	91	429328	55.332	ug/l	99
83) tert-Butylbenzene	13.21	119	472764	56.796	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	533046	55.676	ug/l	98
85) sec-Butylbenzene	13.39	105	686653	58.899	ug/l	99
86) p-Isopropyltoluene	13.51	119	616297	58.098	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	312792	55.214	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	310134	55.228	ug/l	99
89) n-Butylbenzene	13.83	91	562860	59.774	ug/l	100
90) Hexachloroethane	14.10	117	101938	58.469	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	275706	54.104	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13439	47.198	ug/l	100

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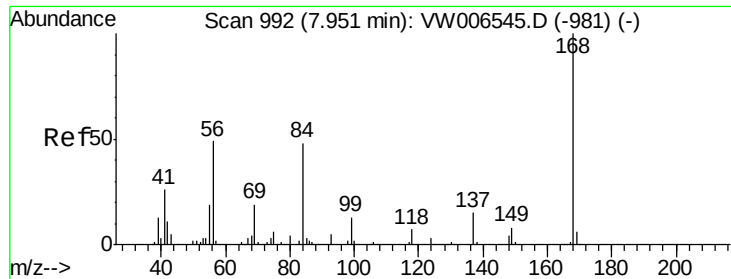
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	203021	53.580	ug/l	100
94) Hexachlorobutadiene	15.24	225	133499	56.530	ug/l	99
95) Naphthalene	15.38	128	309753	50.863	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	176865	53.110	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 236712

Ion Ratio Lower Upper

168 100

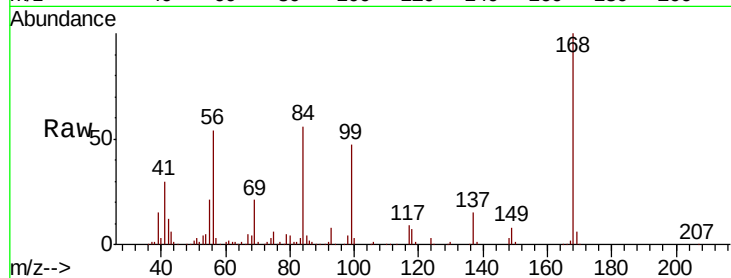
99 47.1 37.4 56.0

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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

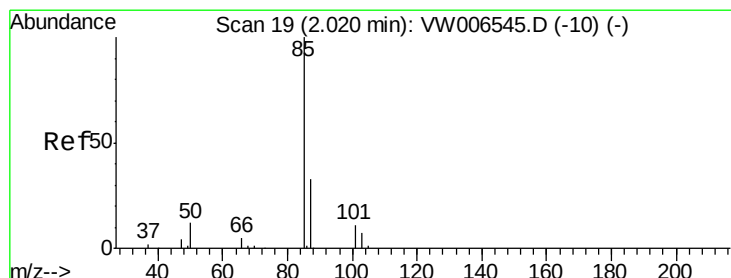
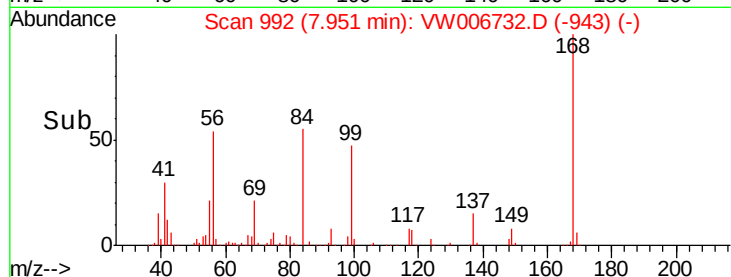
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 52.358 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006732.D

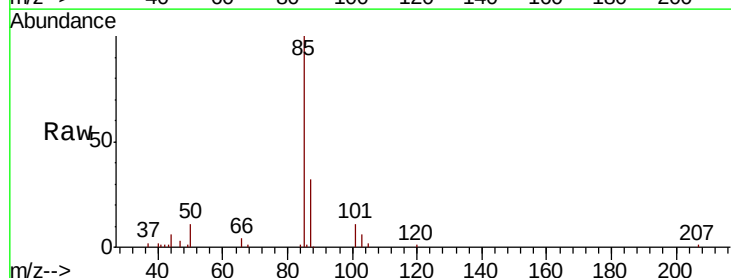
Acq: 07 Nov 2018 13:12

Tgt Ion: 85 Resp: 64249

Ion Ratio Lower Upper

85 100

87 32.4 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

15000

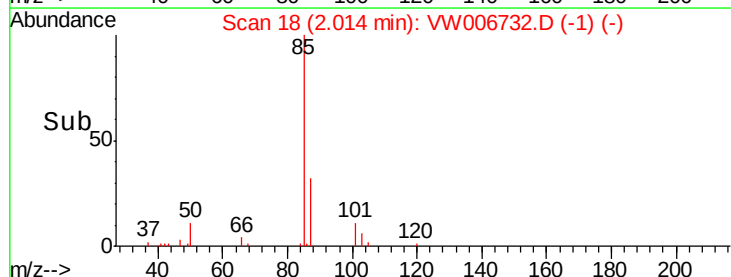
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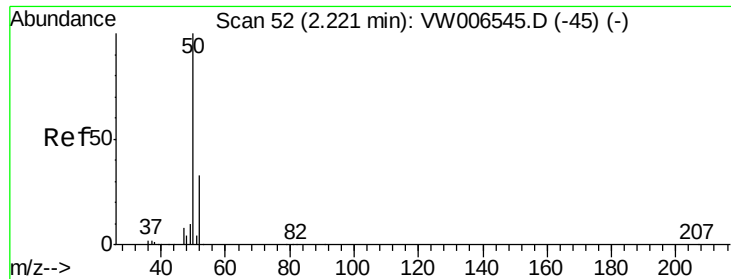
5000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 47.368 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 71919

Ion Ratio Lower Upper

50 100

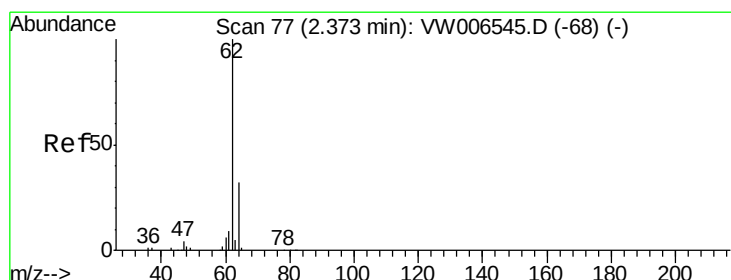
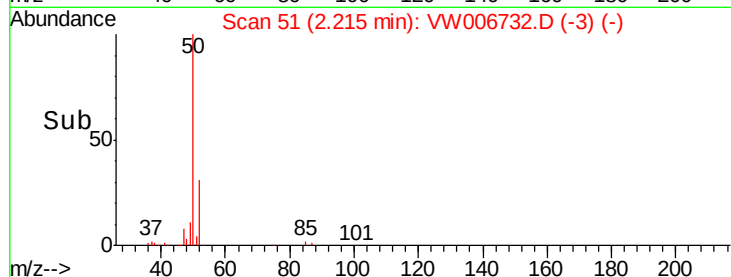
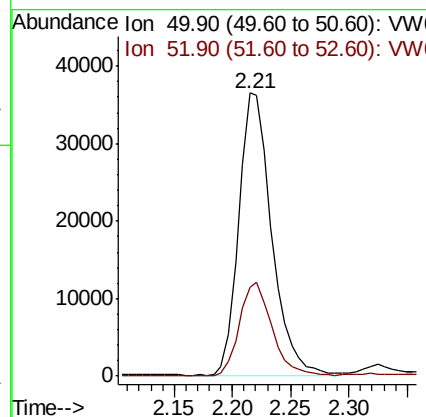
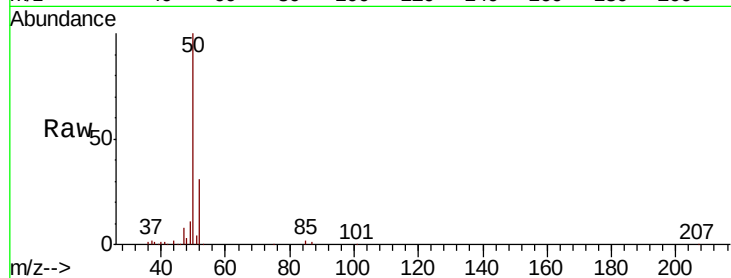
52 31.5 26.2 39.4

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#4

Vinyl Chloride

Concen: 51.210 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006732.D

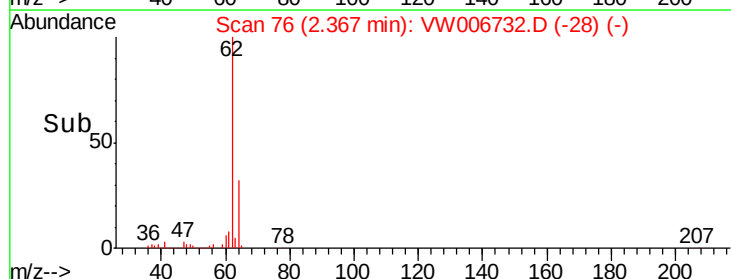
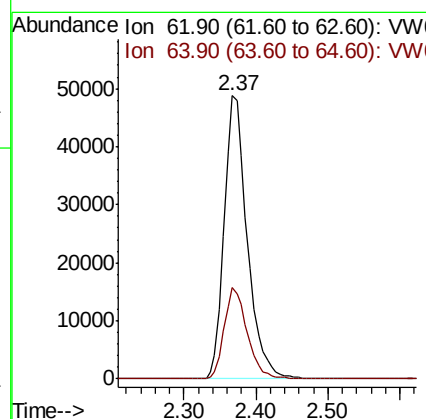
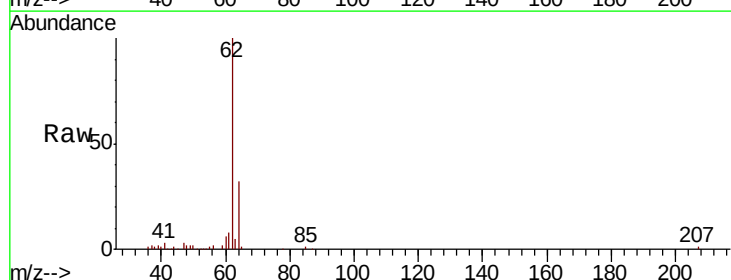
Acq: 07 Nov 2018 13:12

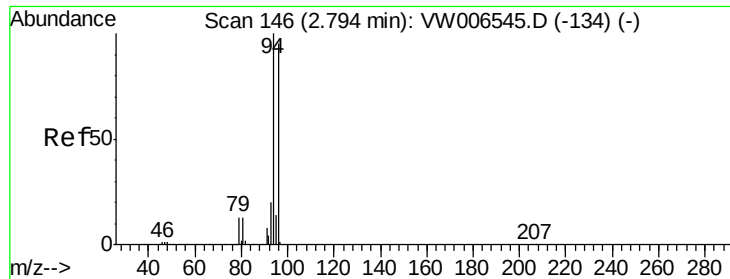
Tgt Ion: 62 Resp: 108565

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0





#5

Bromomethane

Concen: 51.896 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 92330

Ion Ratio Lower Upper

94 100

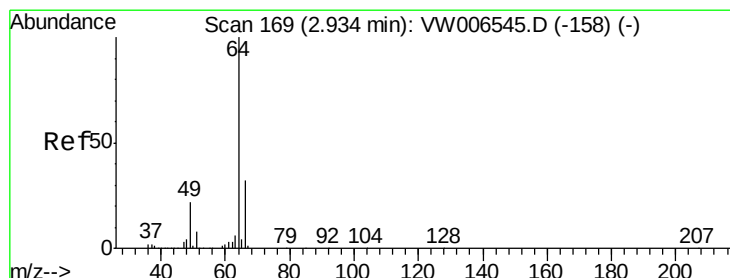
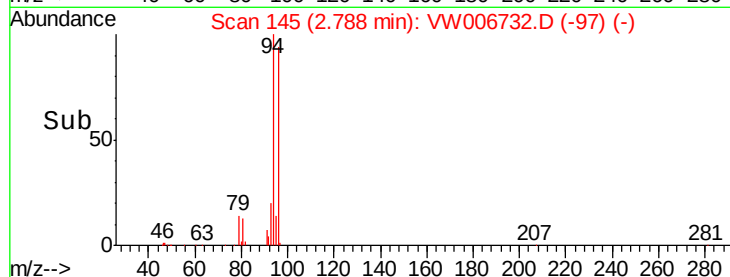
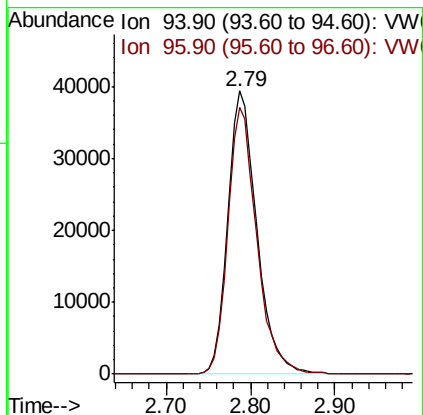
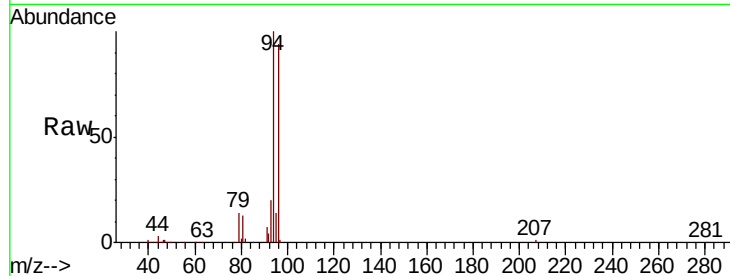
96 94.1 75.7 113.5

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#6

Chloroethane

Concen: 53.578 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006732.D

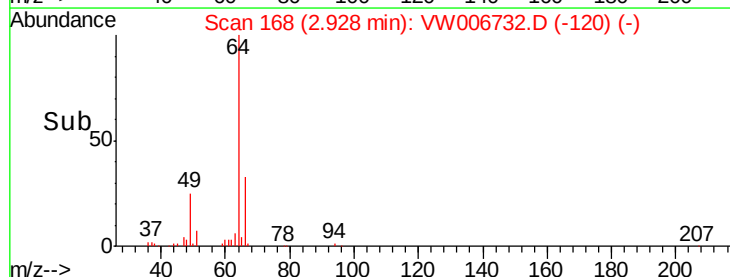
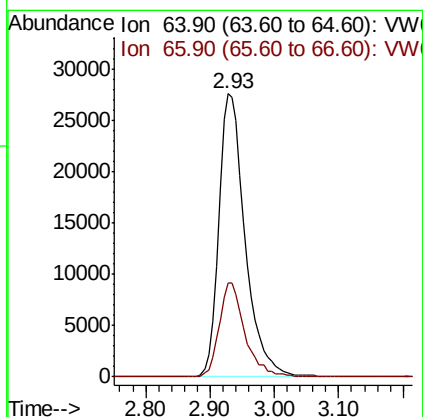
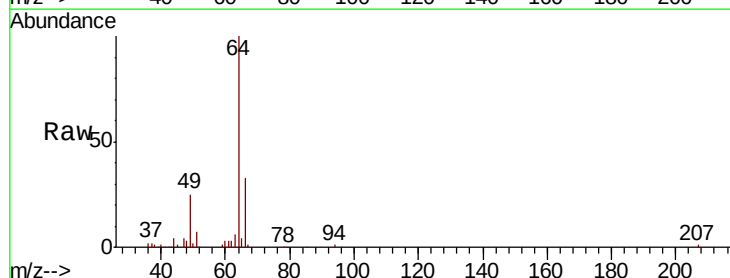
Acq: 07 Nov 2018 13:12

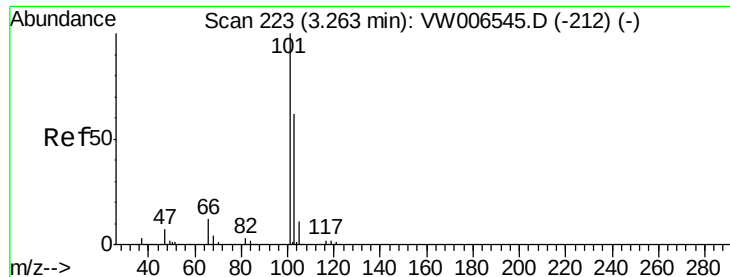
Tgt Ion: 64 Resp: 79363

Ion Ratio Lower Upper

64 100

66 33.1 25.9 38.9





#7

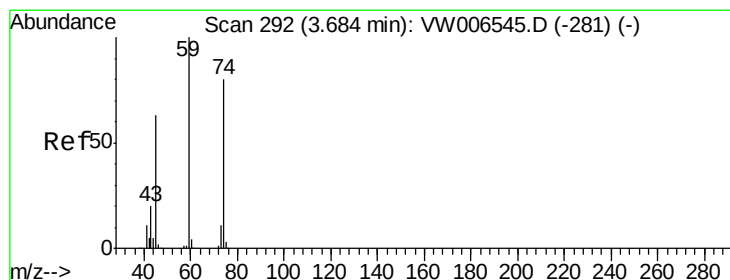
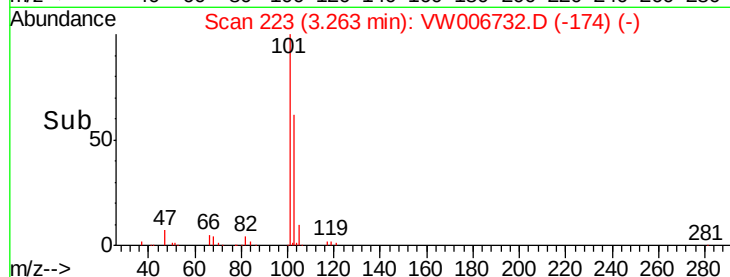
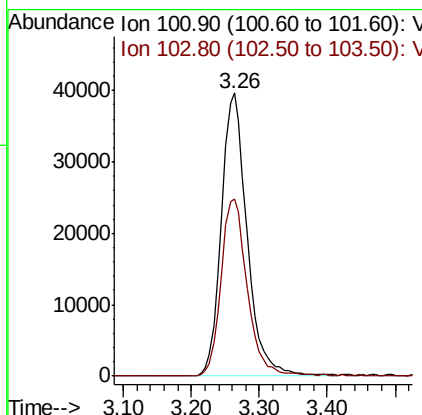
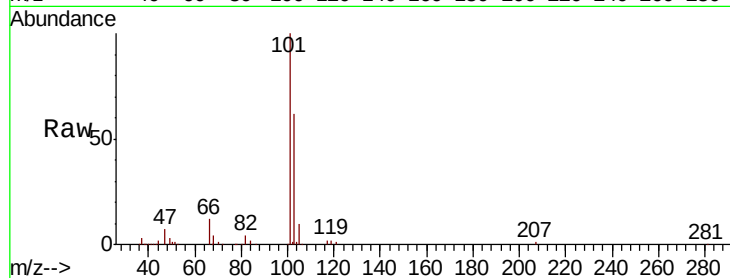
Trichlorofluoromethane
Concen: 55.644 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	49.8	74.8

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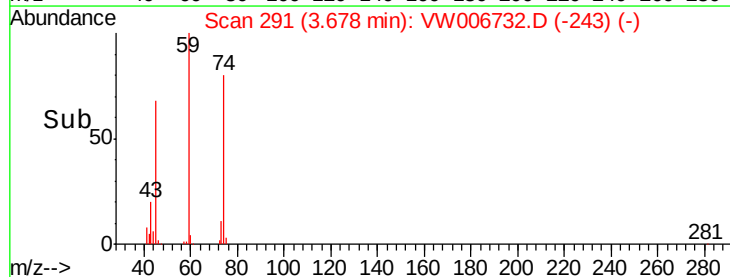
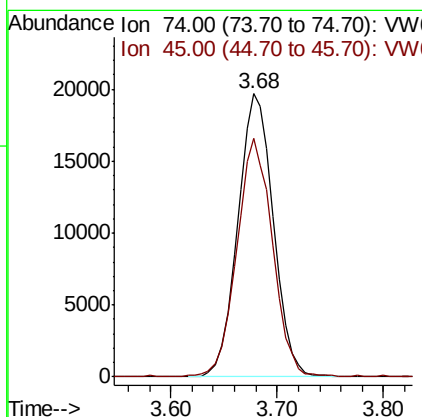
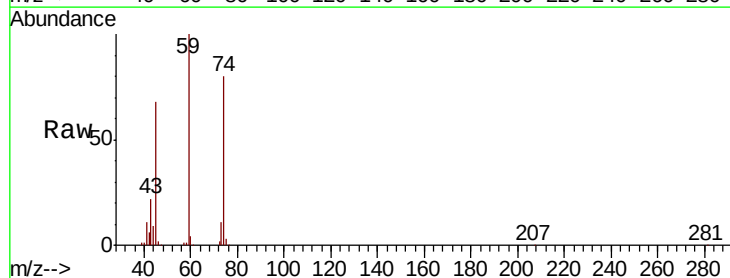
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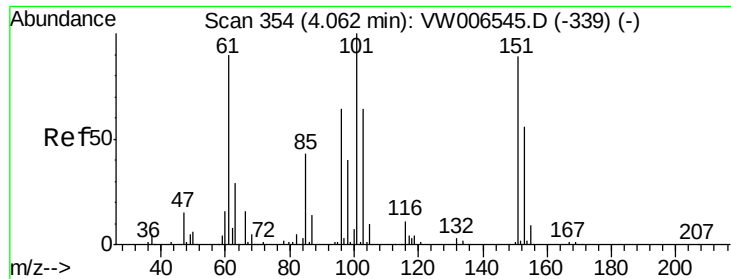


#8

Diethyl Ether
Concen: 44.981 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.0	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.788 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

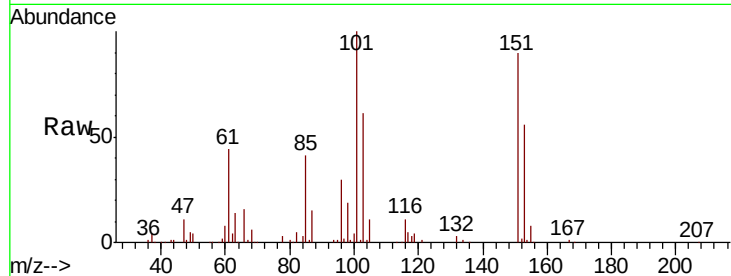
ClientSampled :

VSTDCCC050

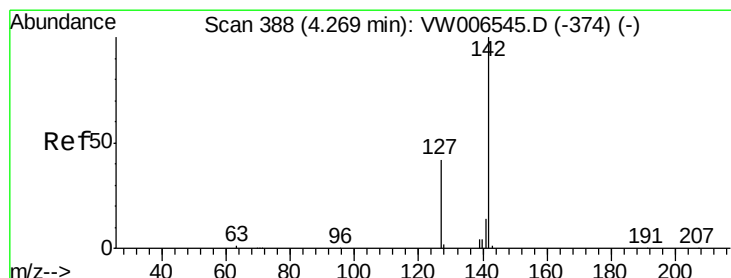
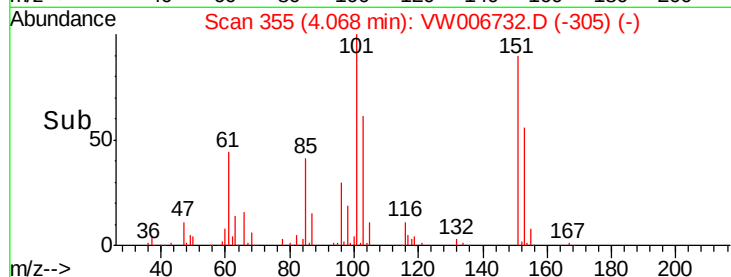
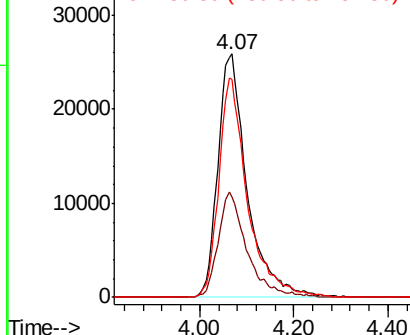
Tot Ion:	101	Resp:	111526
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.2	51.2
151	88.5	70.7	106.1

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



#10

Methyl Iodide

Concen: 49.738 ug/l

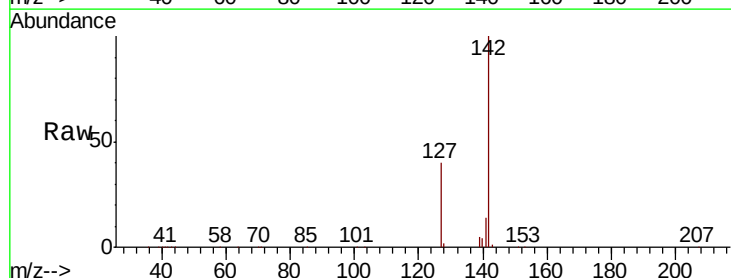
RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

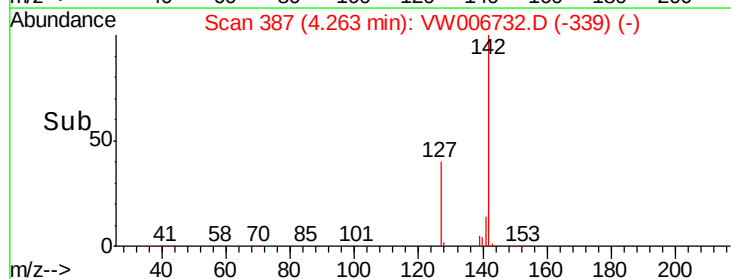
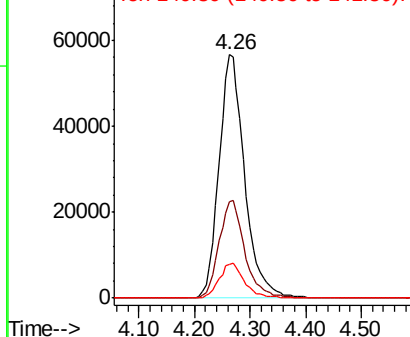
Lab File: VW006732.D

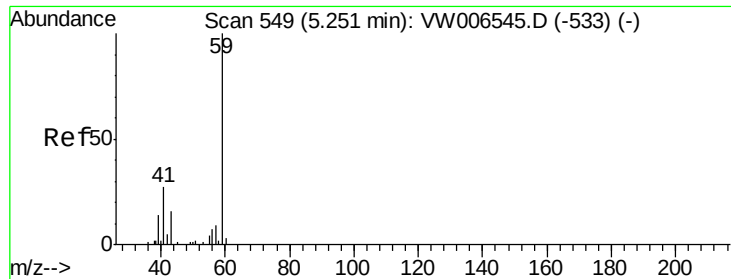
Acq: 07 Nov 2018 13:12

Tgt Ion:	142	Resp:	180286
Ion Ratio	Lower	Upper	
142	100		
127	40.3	32.3	48.5
141	14.1	11.3	16.9



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





#11

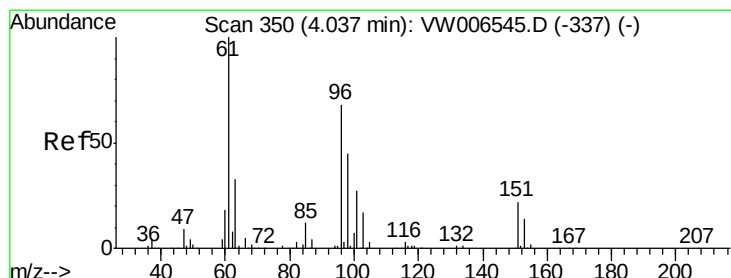
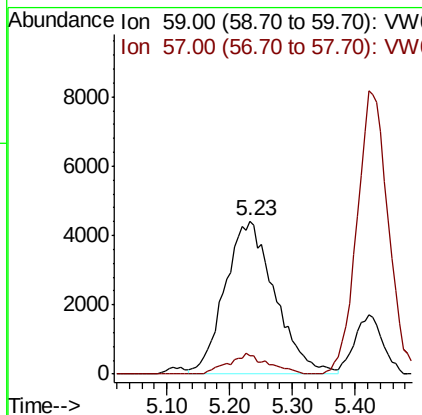
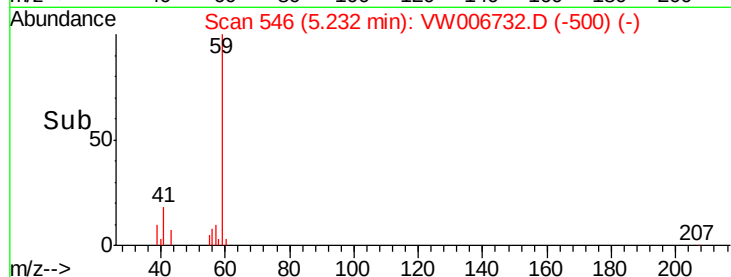
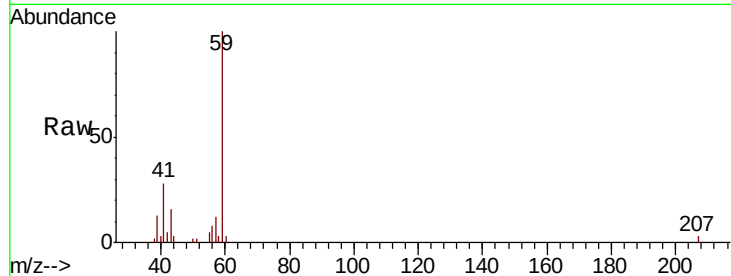
Tert butyl alcohol
Concen: 222.381 ug/l
RT: 5.23 min Scan# 546
Delta R.T. -0.02 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 59 Resp: 24380
Ion Ratio Lower Upper
59 100
57 10.7 4.3 6.5#

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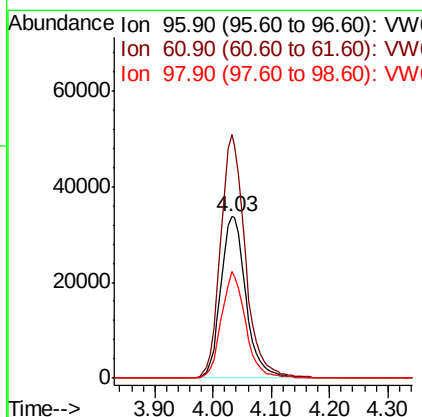
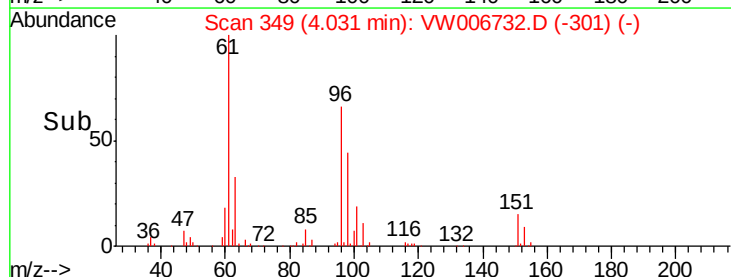
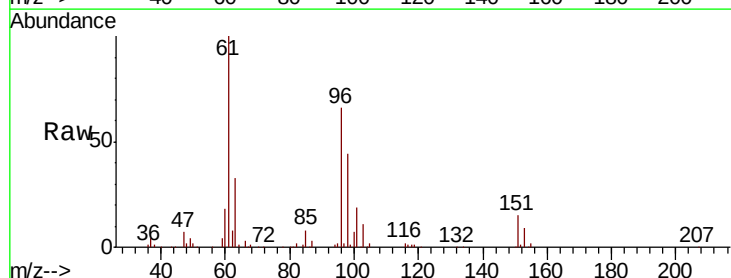
apatel
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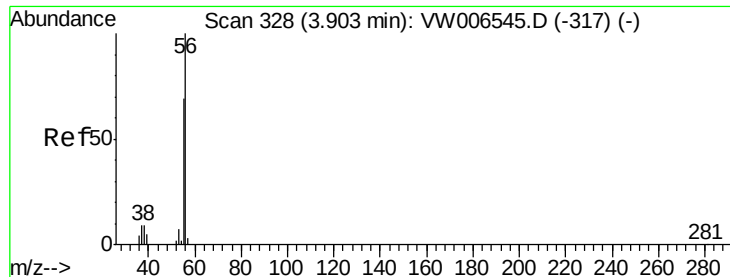


#12

1,1-Dichloroethene
Concen: 52.345 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Tgt Ion: 96 Resp: 101067
Ion Ratio Lower Upper
96 100
61 151.1 117.0 175.4
98 65.9 52.5 78.7





#13

Acrolein

Concen: 186.625 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 25733

Ion Ratio Lower Upper

56 100

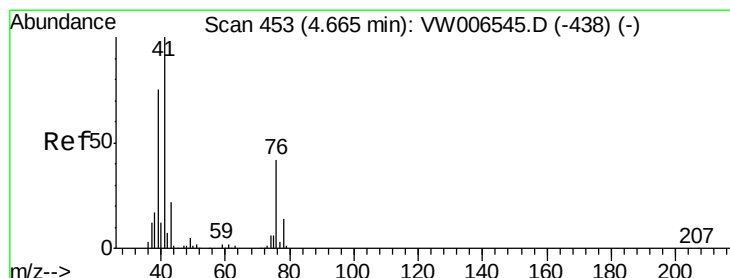
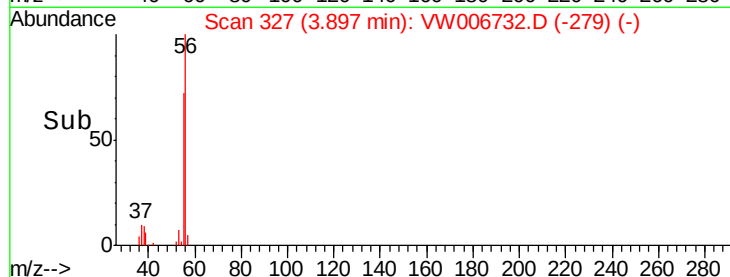
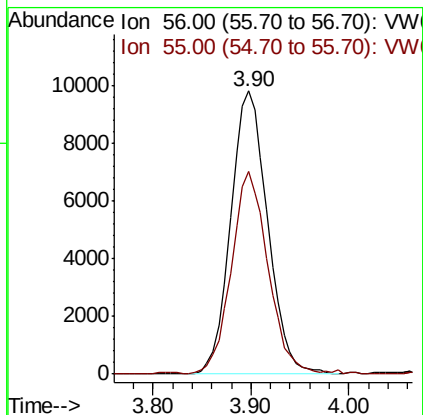
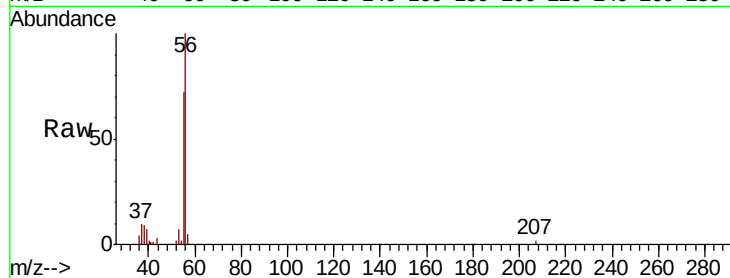
55 71.2 56.9 85.3

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#14

Allyl chloride

Concen: 51.207 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

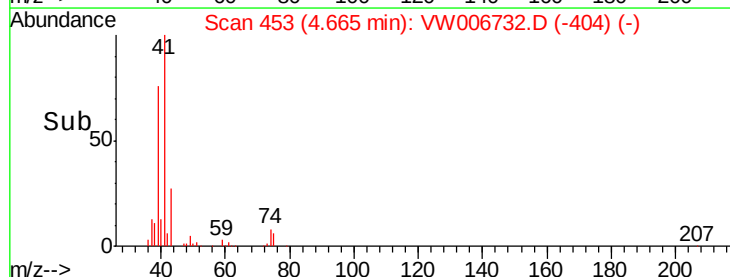
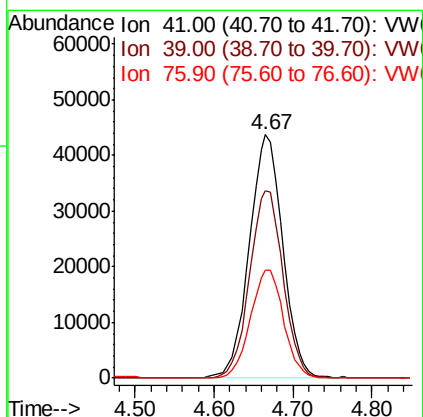
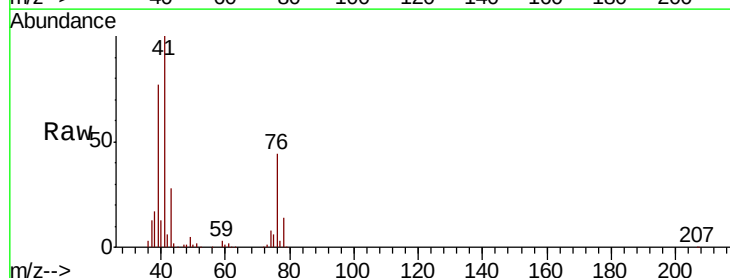
Tgt Ion: 41 Resp: 129059

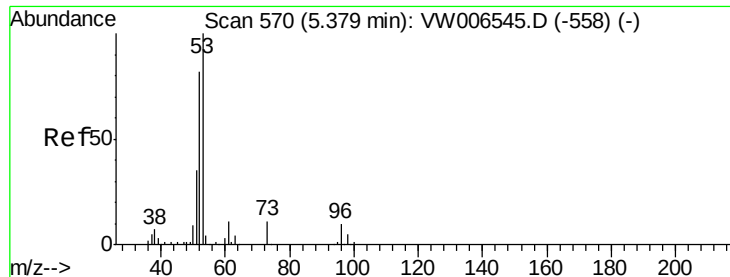
Ion Ratio Lower Upper

41 100

39 77.0 62.1 93.1

76 43.7 34.2 51.2





#15

Acrylonitrile

Concen: 237.264 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

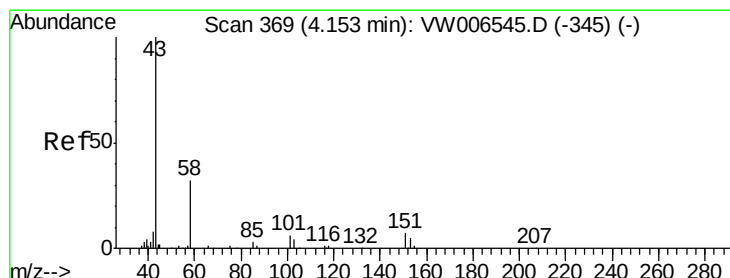
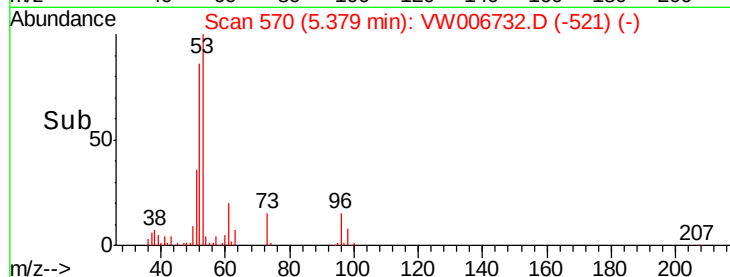
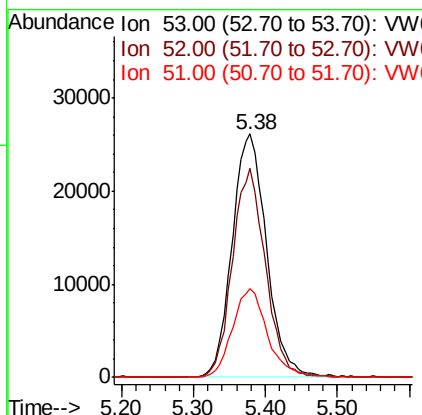
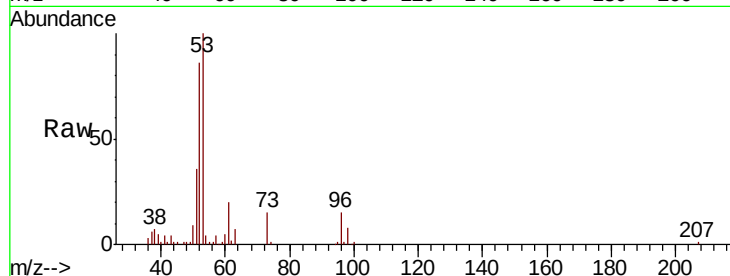
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	87060
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.8	98.8
51	37.1	29.6	44.4

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#16

Acetone

Concen: 281.707 ug/l

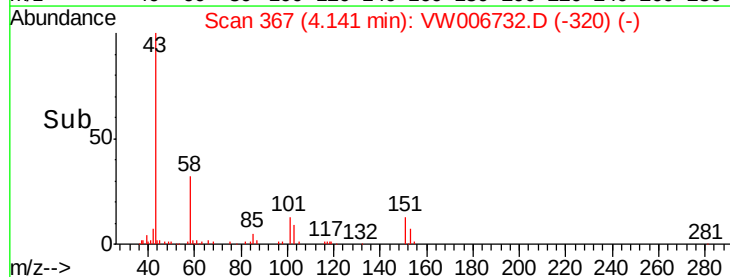
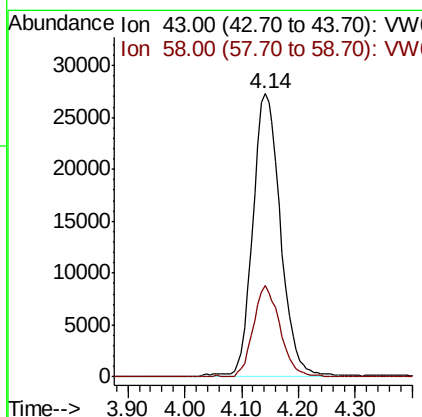
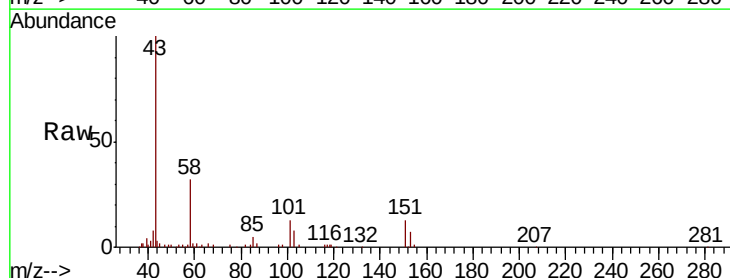
RT: 4.14 min Scan# 367

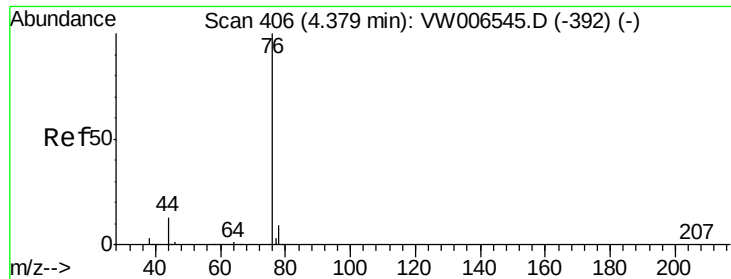
Delta R.T. -0.01 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Tgt Ion:	43	Resp:	92544
Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.8	38.8





#17

Carbon Disulfide

Concen: 52.824 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 290241

Ion Ratio Lower Upper

76 100

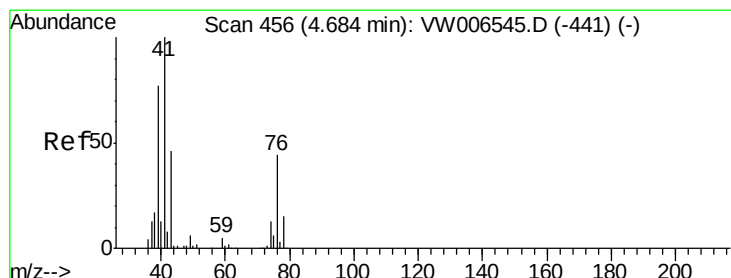
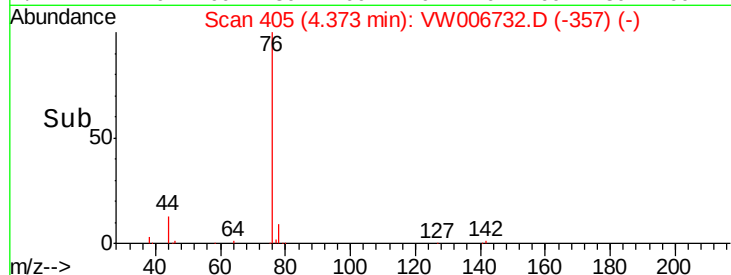
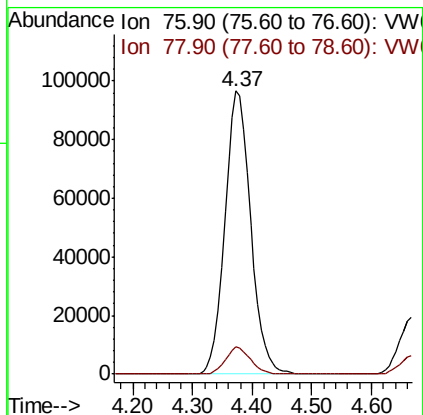
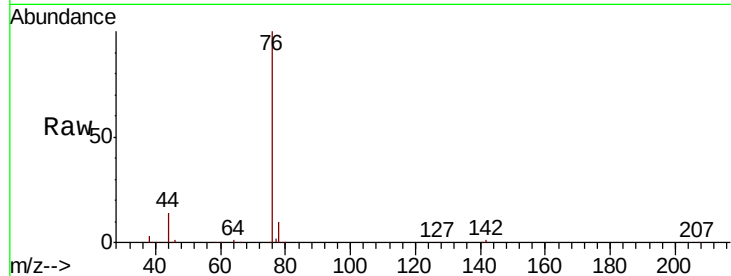
78 9.5 7.3 10.9

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#18

Methyl Acetate

Concen: 46.691 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006732.D

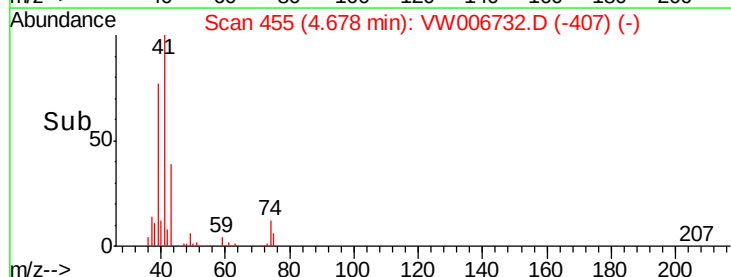
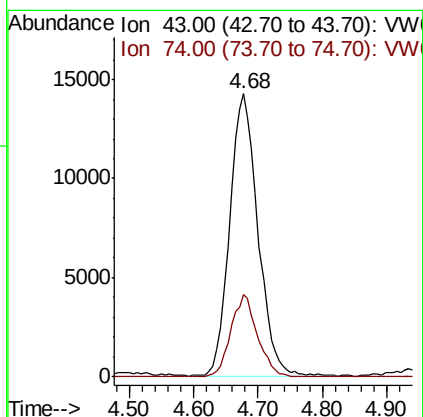
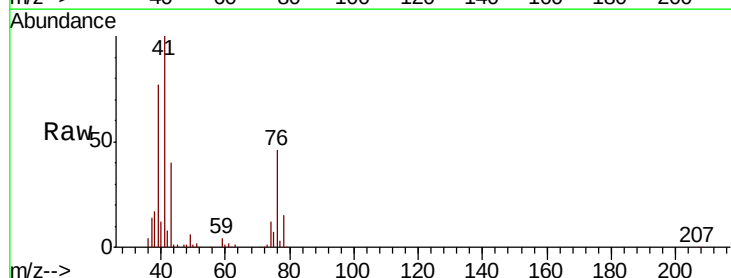
Acq: 07 Nov 2018 13:12

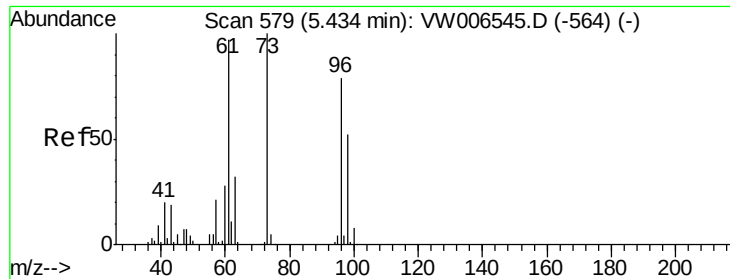
Tgt Ion: 43 Resp: 44106

Ion Ratio Lower Upper

43 100

74 27.0 21.9 32.9





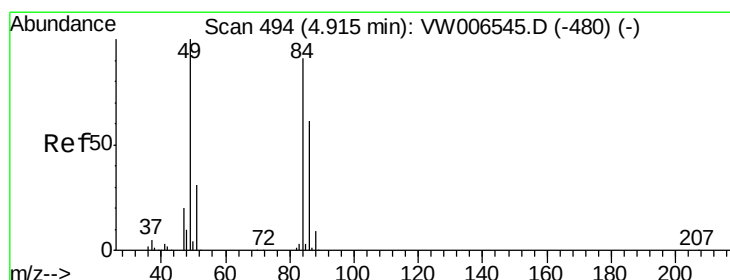
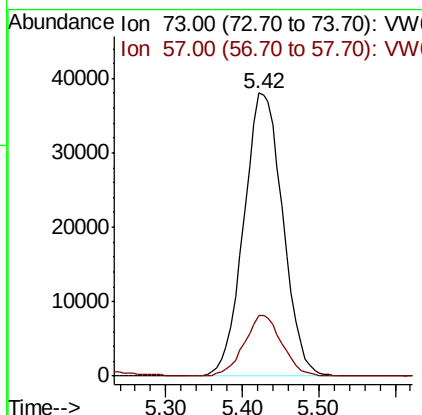
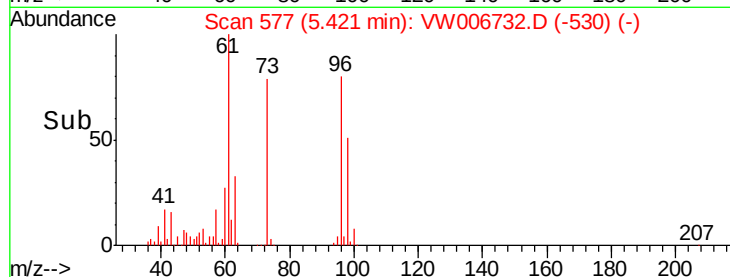
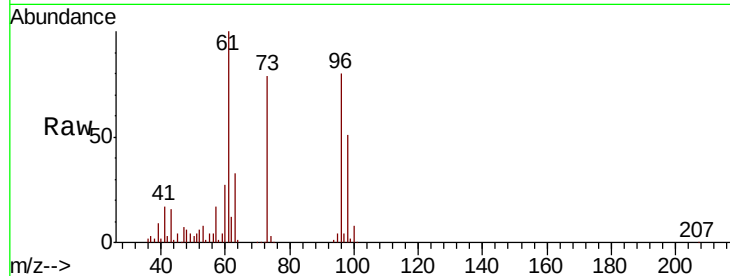
#19
Methyl tert-butyl Ether
Concen: 46.777 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 134437
Ion Ratio Lower Upper
73 100
57 21.5 16.7 25.1

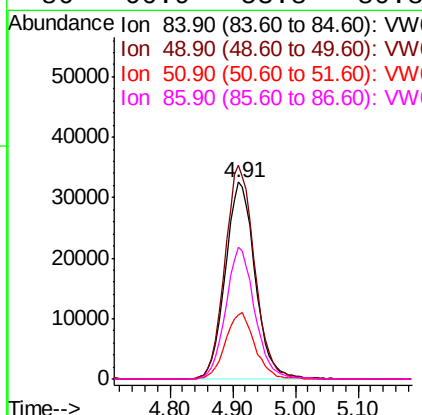
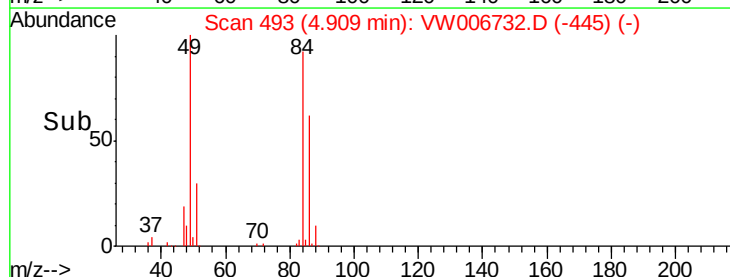
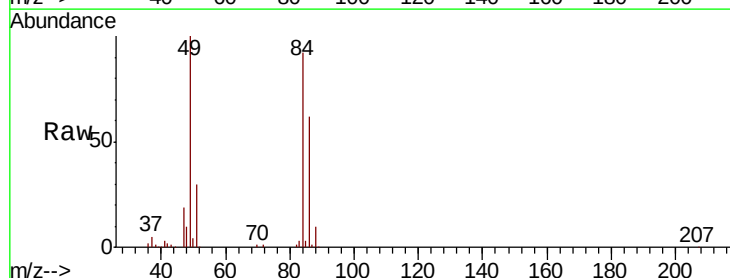
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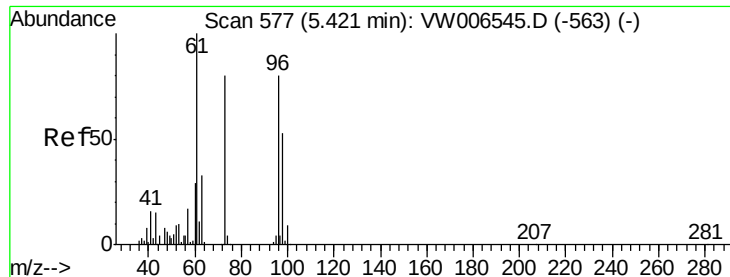
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#20
Methylene Chloride
Concen: 50.290 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Tgt Ion: 84 Resp: 106992
Ion Ratio Lower Upper
84 100
49 108.7 88.2 132.4
51 32.6 27.0 40.6
86 66.9 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 52.291 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 114246

Ion Ratio Lower Upper

96 100

61 125.1 100.6 150.8

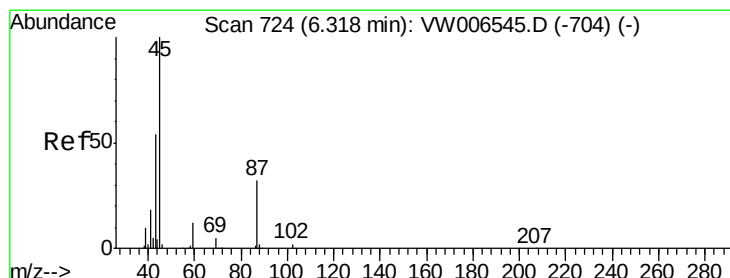
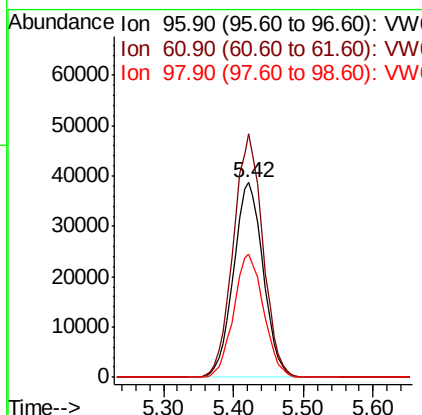
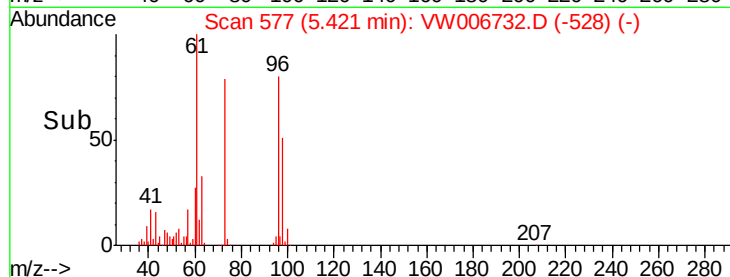
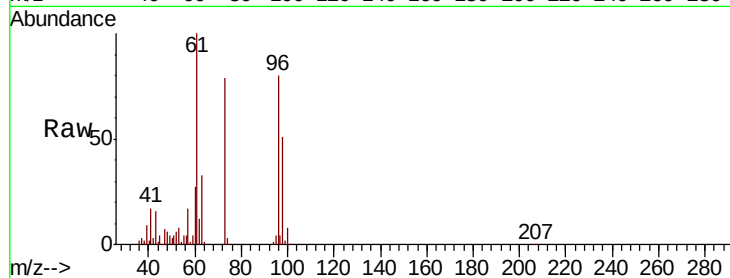
98 63.3 52.9 79.3

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#22

Diisopropyl ether

Concen: 49.702 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Tgt Ion: 45 Resp: 261146

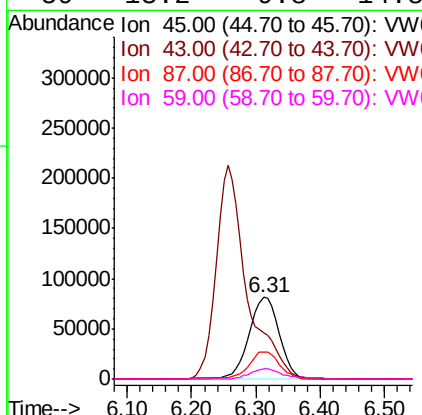
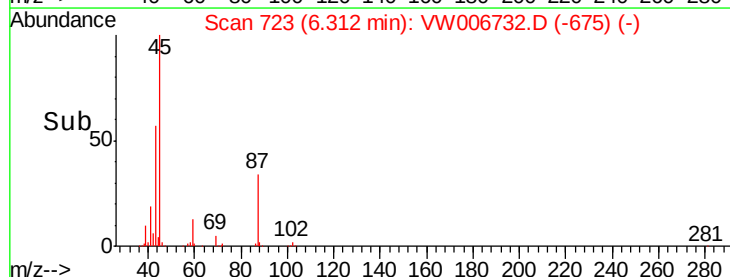
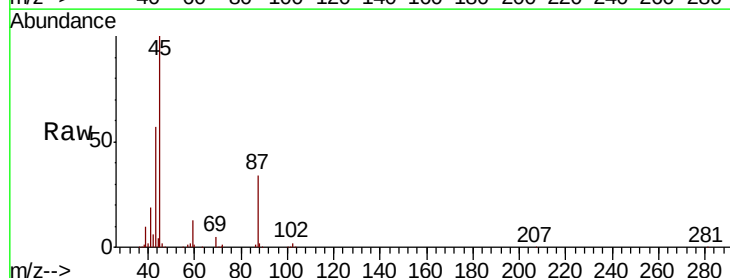
Ion Ratio Lower Upper

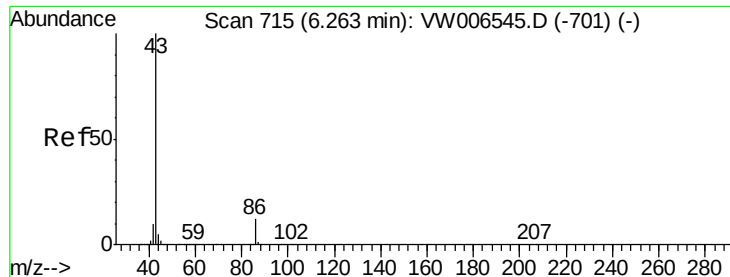
45 100

43 56.3 43.6 65.4

87 33.7 26.3 39.5

59 13.2 9.8 14.8





#23

Vinyl Acetate

Concen: 244.110 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 711273

Ion Ratio Lower Upper

43 100

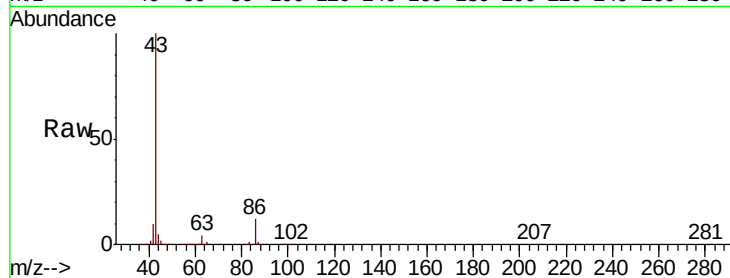
86 12.0 9.8 14.8

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

250000

200000

150000

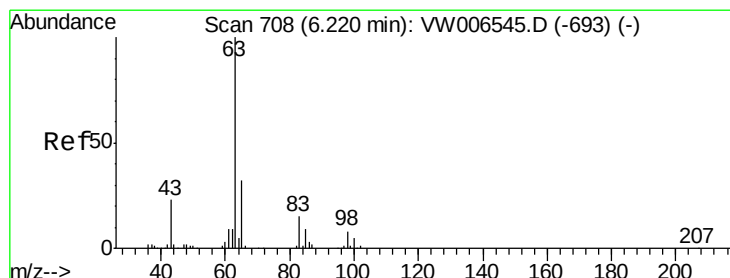
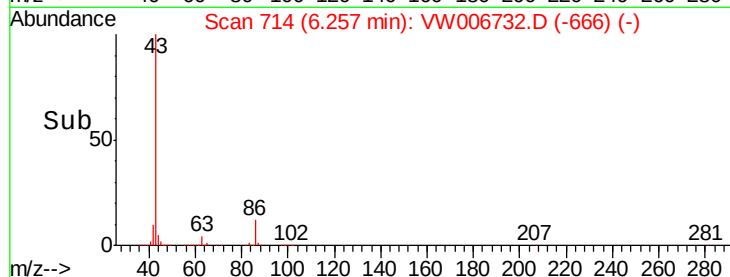
100000

50000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 51.357 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

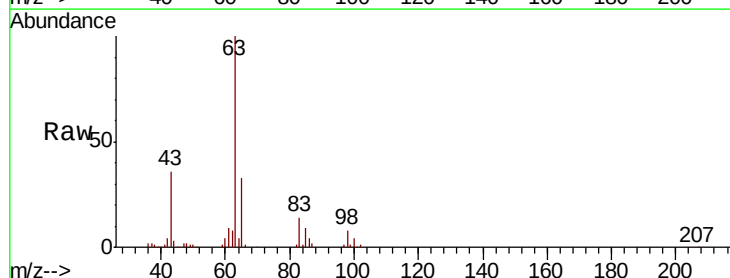
Tgt Ion: 63 Resp: 182882

Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.4

100 4.4 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

80000

60000

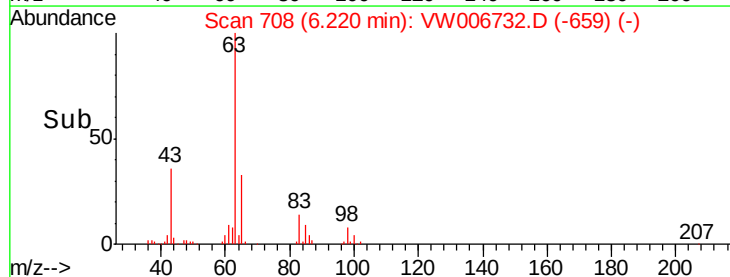
40000

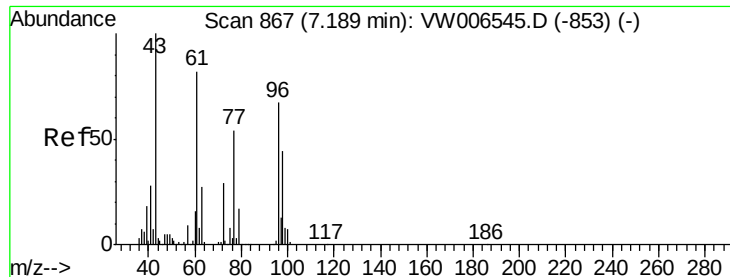
20000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 246.525 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 115564

Ion Ratio Lower Upper

43 100

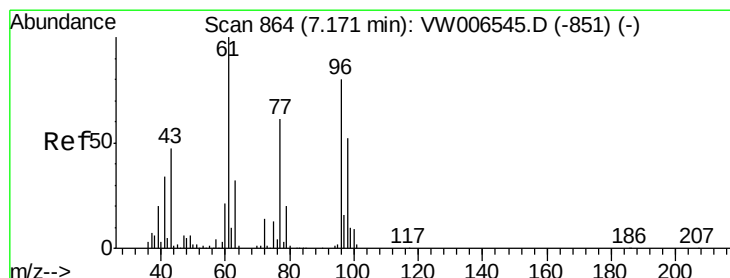
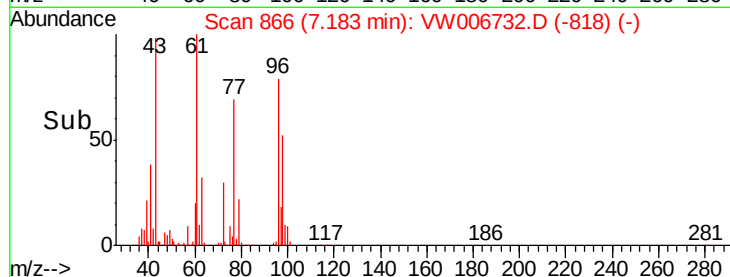
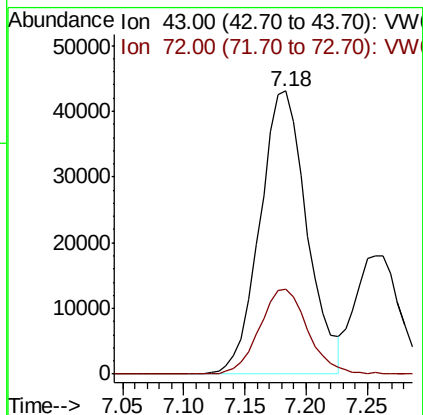
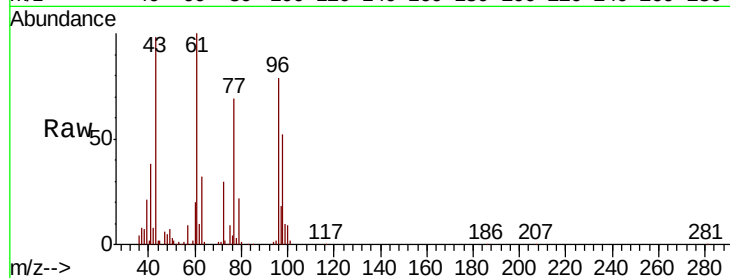
72 30.2 23.2 34.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 57.925 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006732.D

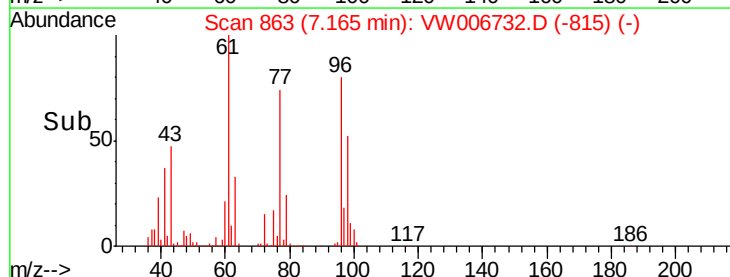
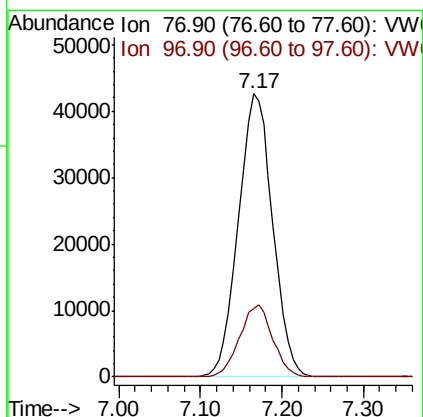
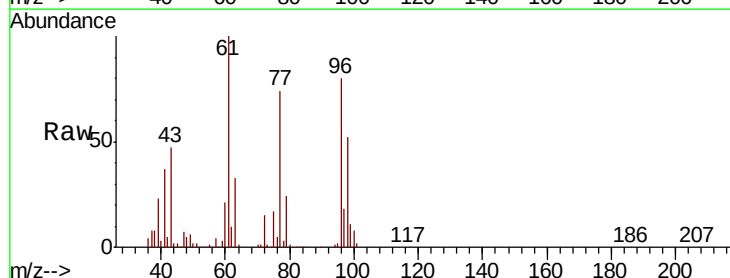
Acq: 07 Nov 2018 13:12

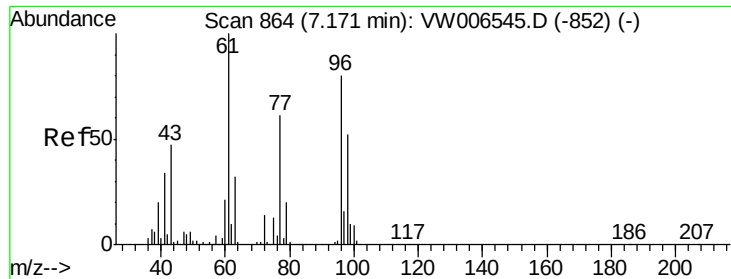
Tgt Ion: 77 Resp: 124254

Ion Ratio Lower Upper

77 100

97 24.5 12.8 38.4





#27

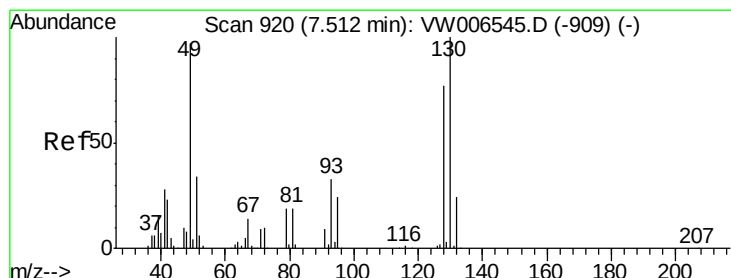
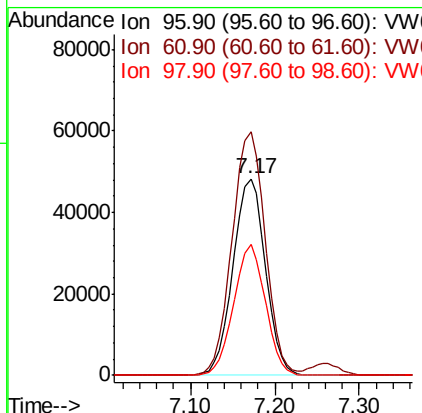
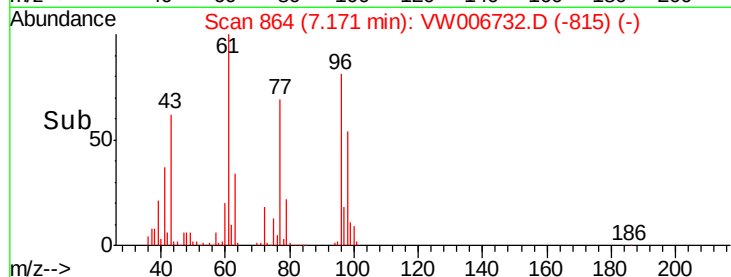
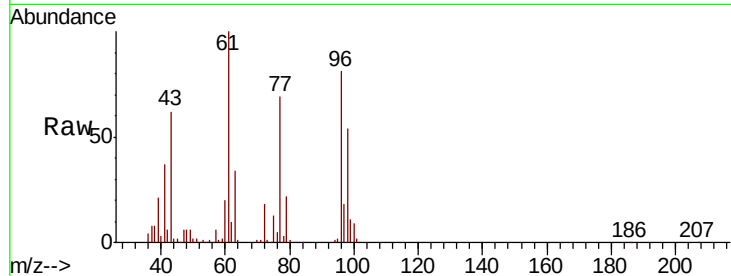
cis-1,2-Dichloroethene
 Concen: 51.363 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006732.D
 Acq: 07 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.8	0.0	254.2
98	64.8	0.0	129.6

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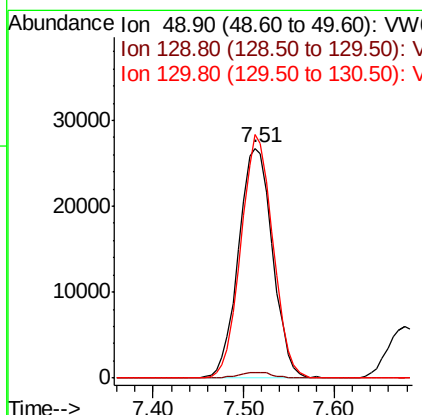
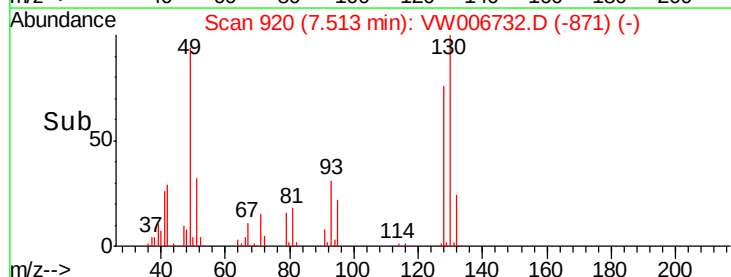
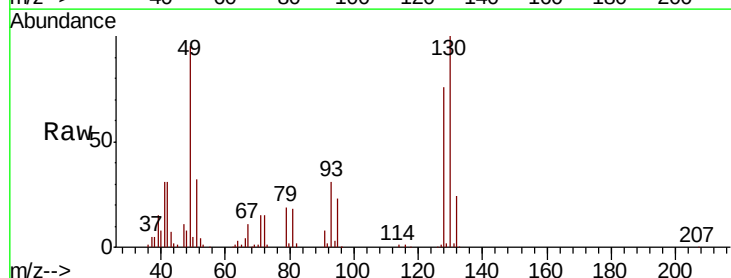
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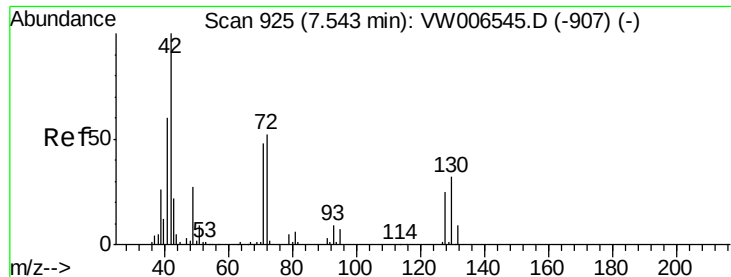


#28

Bromochloromethane
 Concen: 49.174 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006732.D
 Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.6
130	99.7	82.2	123.2





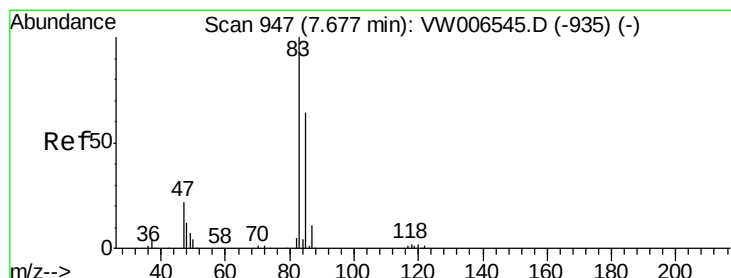
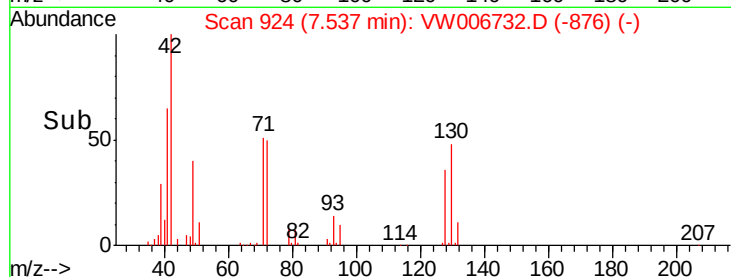
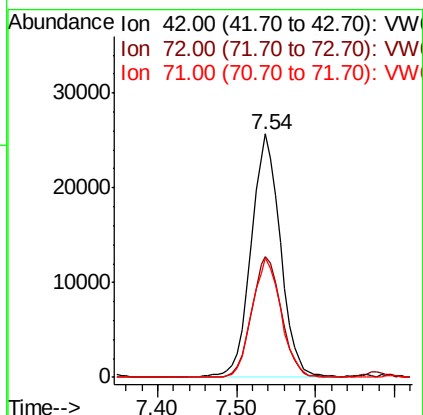
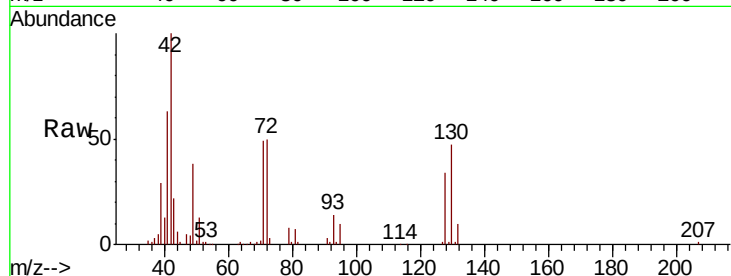
#29
Tetrahydrofuran
Concen: 225.357 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.1	39.2	58.8
71	48.5	37.6	56.4

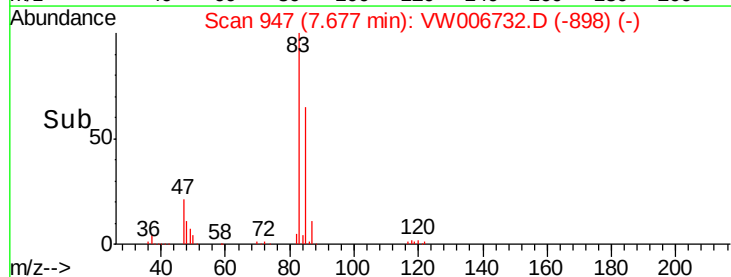
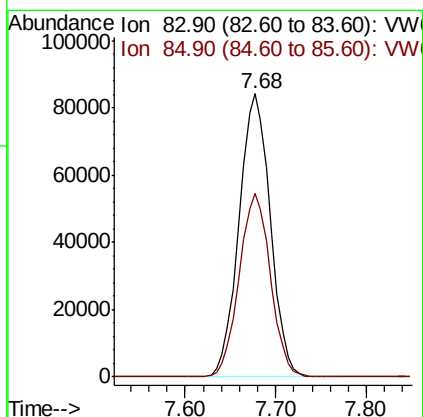
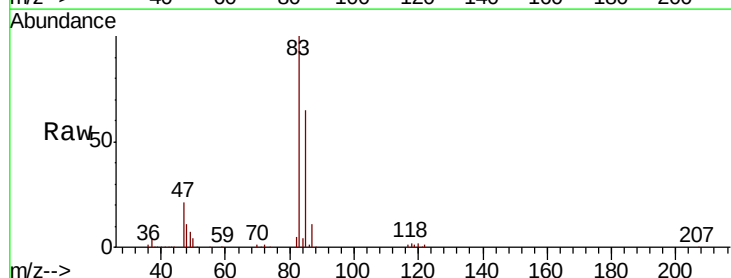
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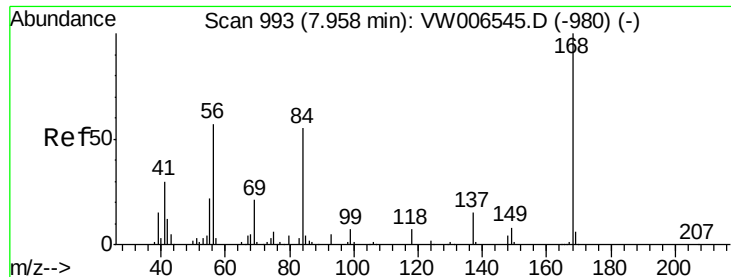
apatel
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#30
Chloroform
Concen: 51.455 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.3	76.9





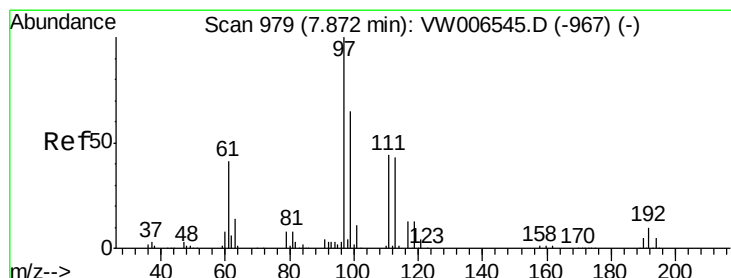
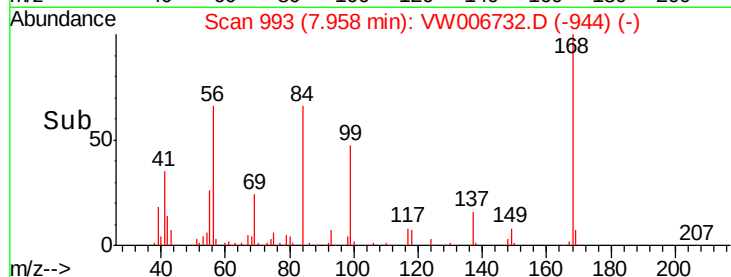
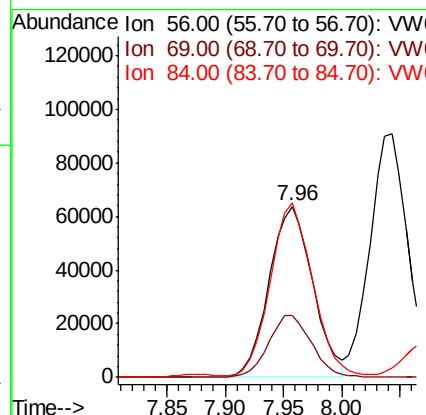
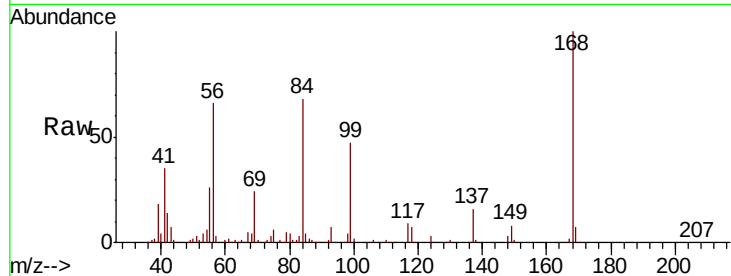
#31
Cyclohexane
Concen: 51.081 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.2	29.0	43.4
84	100.5	77.8	116.6

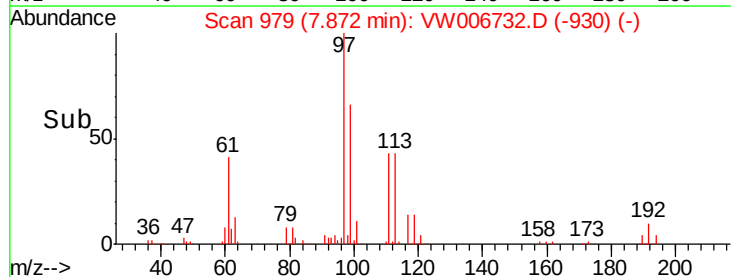
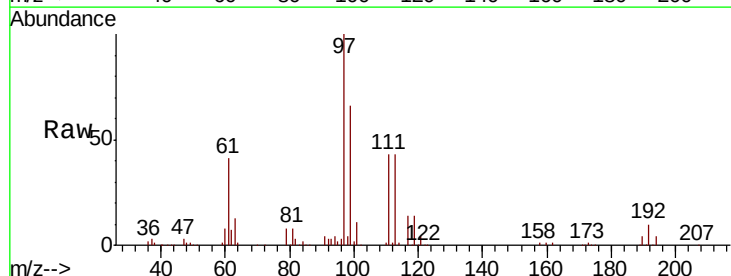
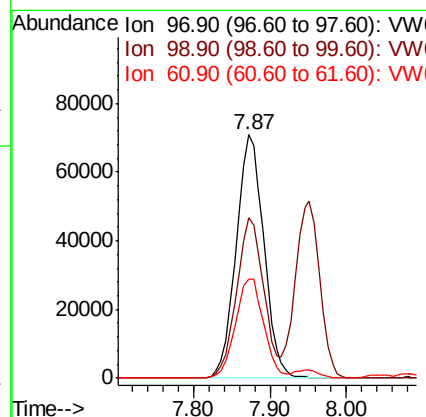
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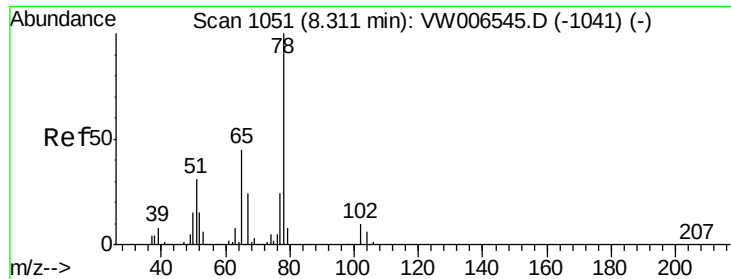
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#32
1,1,1-Trichloroethane
Concen: 53.701 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.7	77.5
61	41.4	32.9	49.3





#33

1,2-Dichloroethane-d4

Concen: 45.485 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 92551

Ion Ratio Lower Upper

65 100

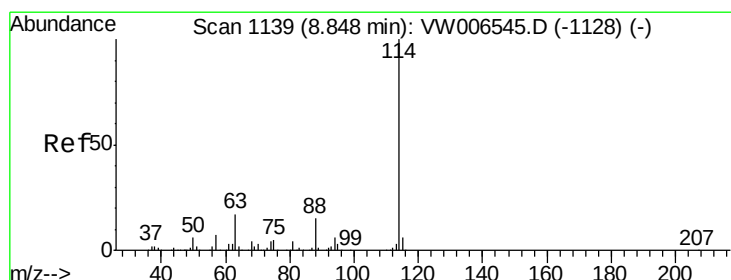
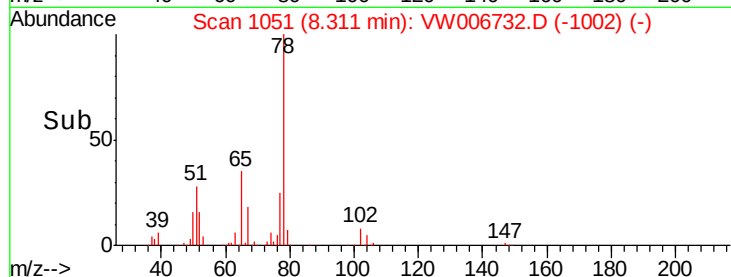
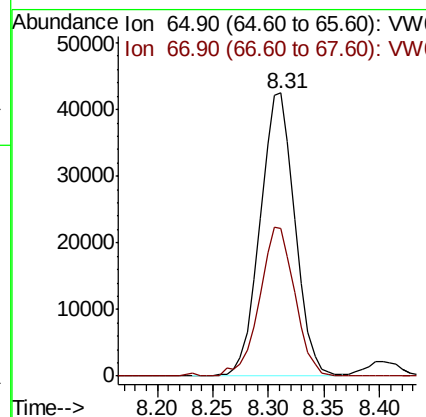
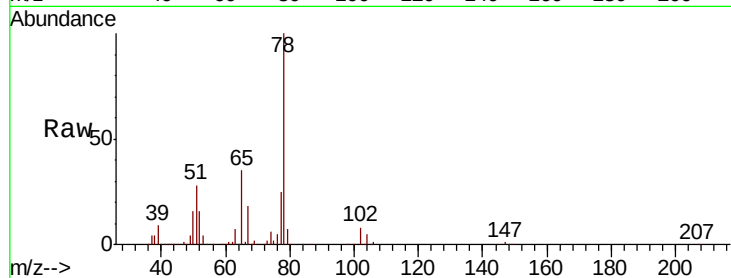
67 53.2 0.0 104.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

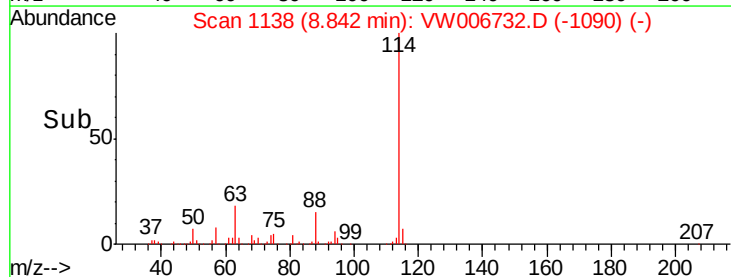
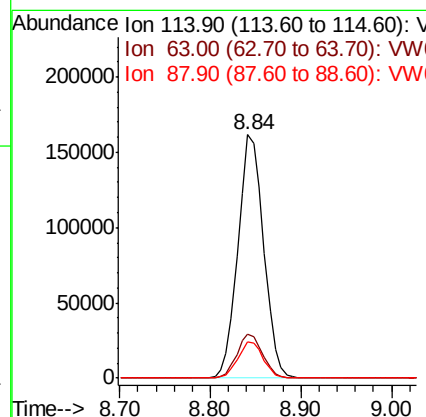
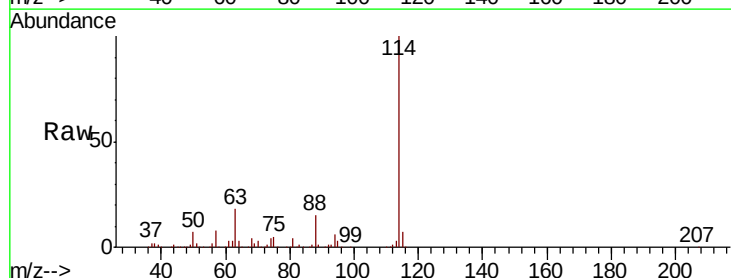
Tgt Ion: 114 Resp: 318259

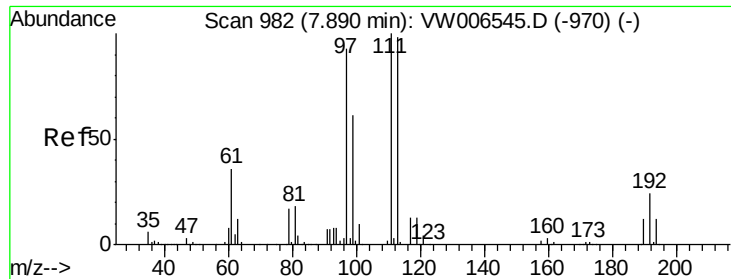
Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.4

88 14.9 0.0 29.0





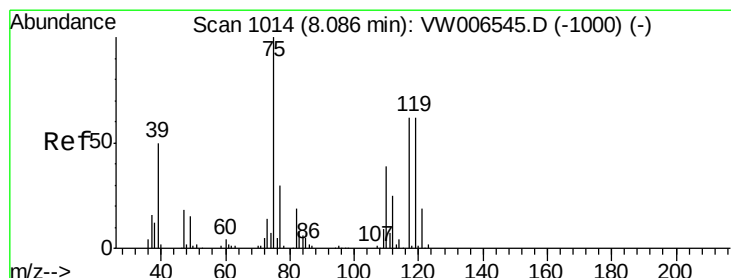
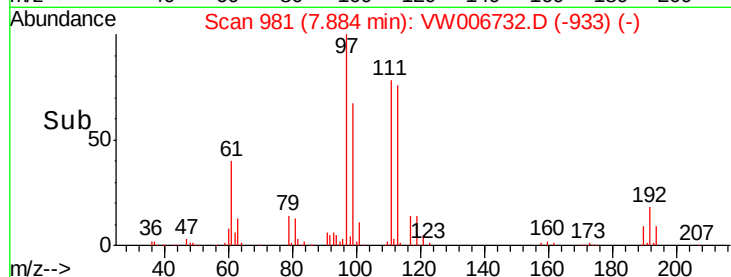
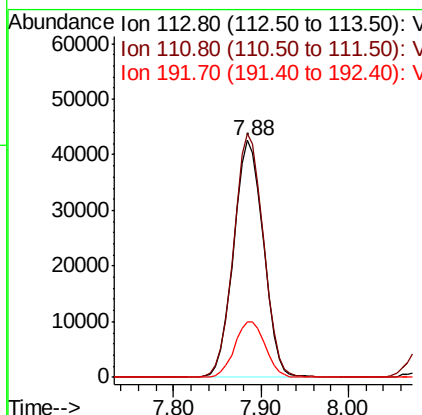
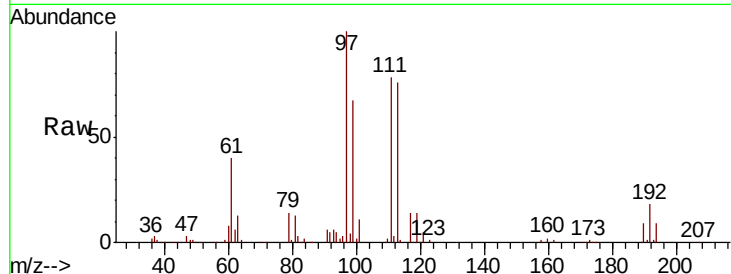
#35
Dibromofluoromethane
Concen: 50.627 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	101118		
111	102.8	82.2	123.2	
192	23.9	19.0	28.6	

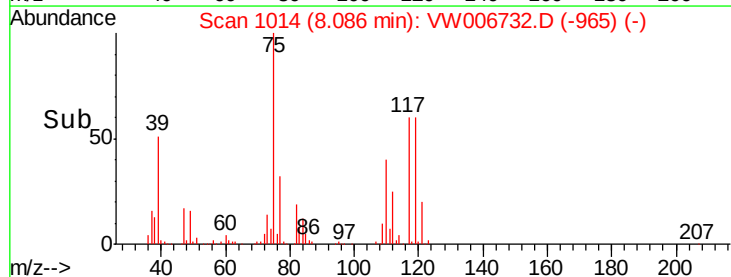
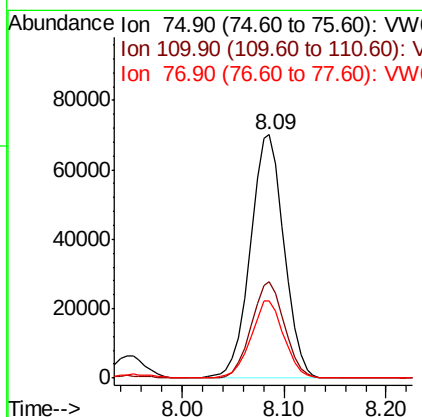
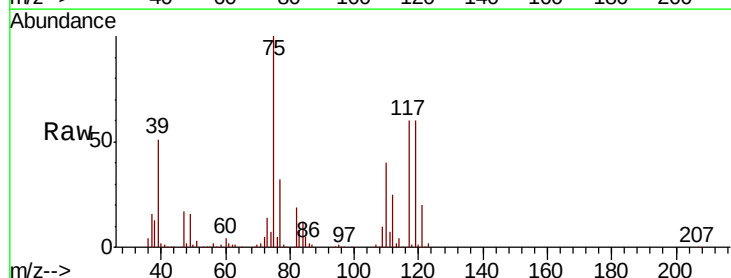
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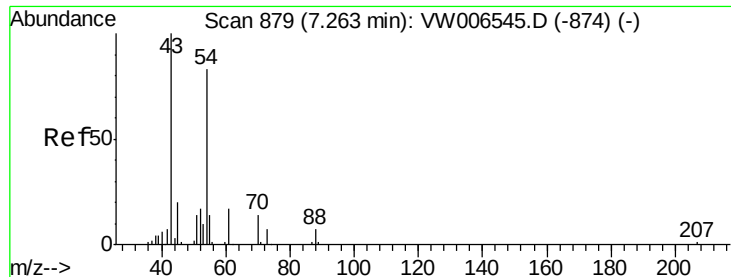
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#36
1,1-Dichloropropene
Concen: 57.486 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	160891		
110	38.9	19.5	58.5	
77	31.1	24.6	37.0	





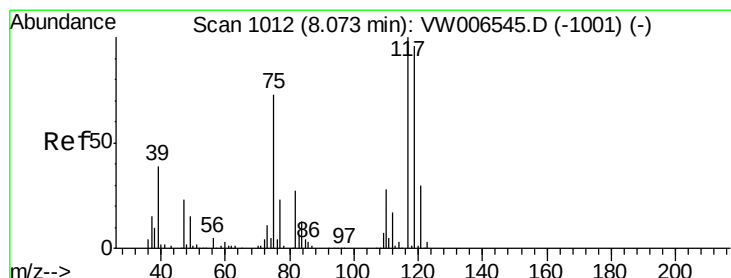
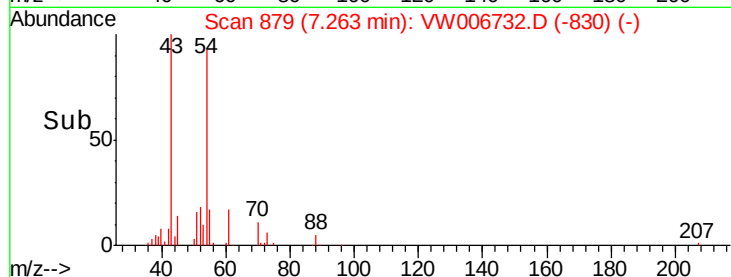
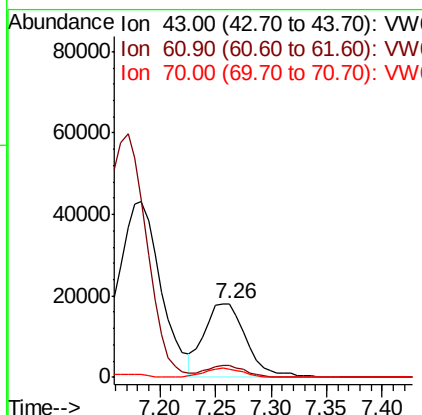
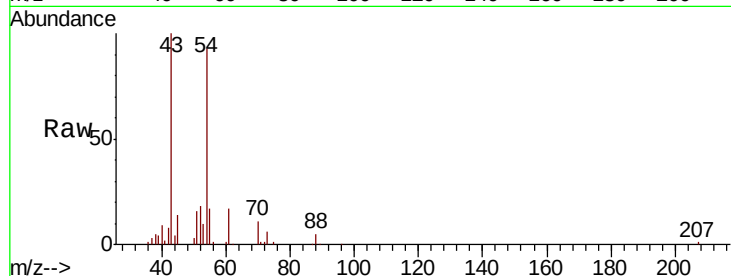
#37
Ethyl Acetate
Concen: 48.354 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.1	18.1
70	11.4	9.8	14.6

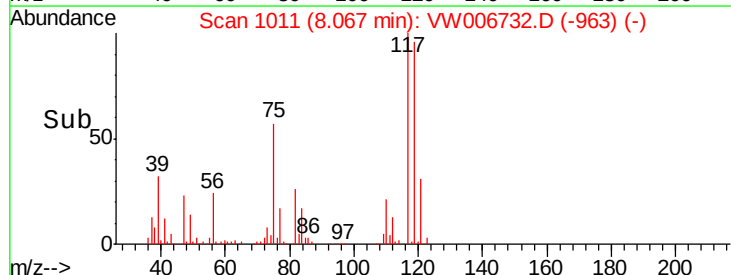
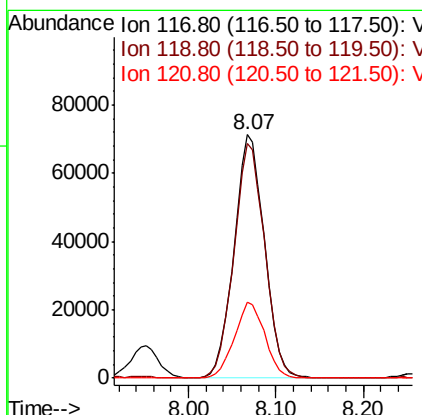
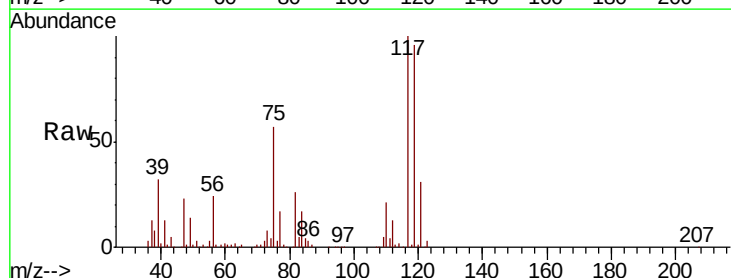
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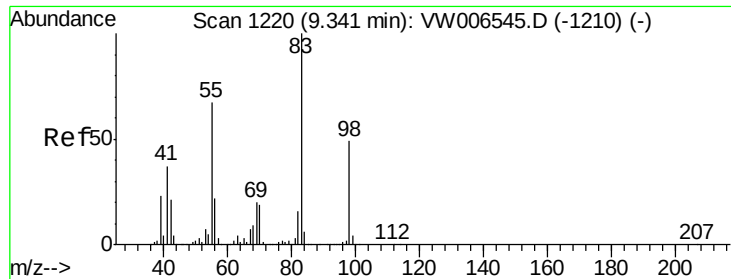
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#38
Carbon Tetrachloride
Concen: 58.931 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.3	114.5
121	31.0	24.1	36.1





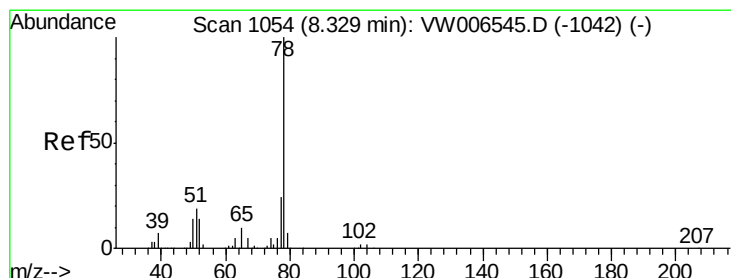
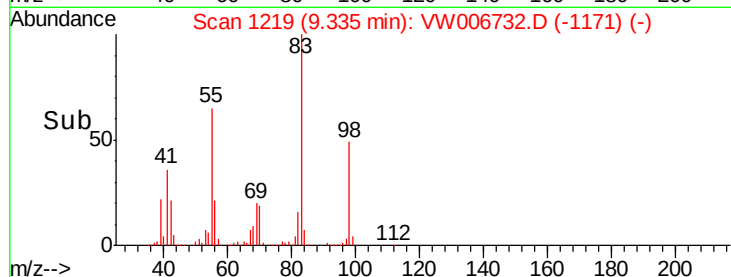
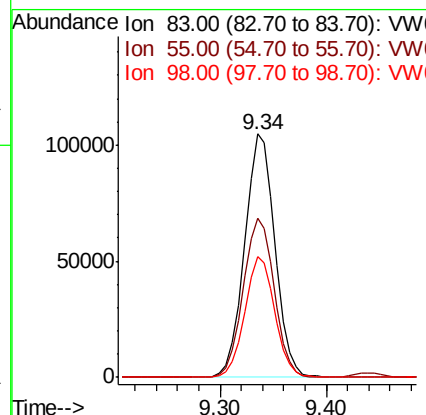
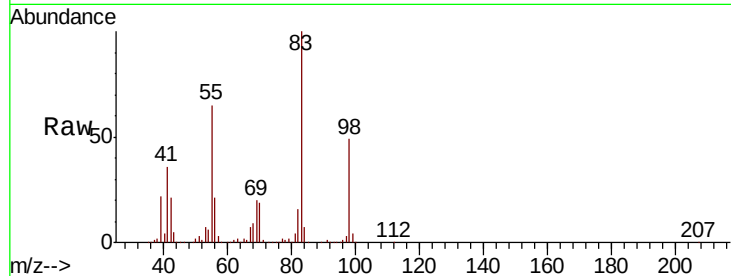
#39
Methylvlcyclohexane
Concen: 58.958 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.4	53.7	80.5
98	49.4	39.2	58.8

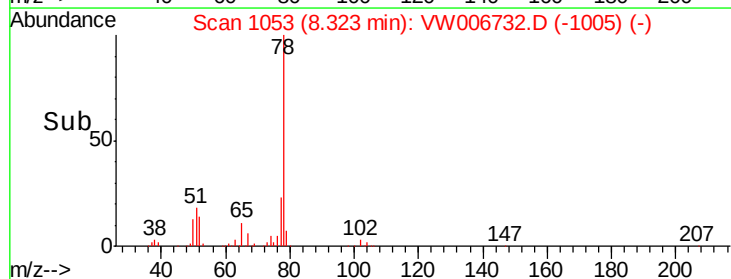
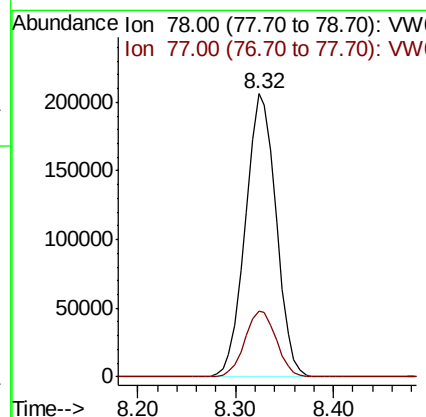
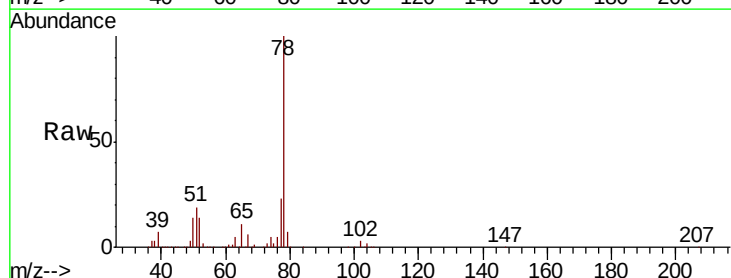
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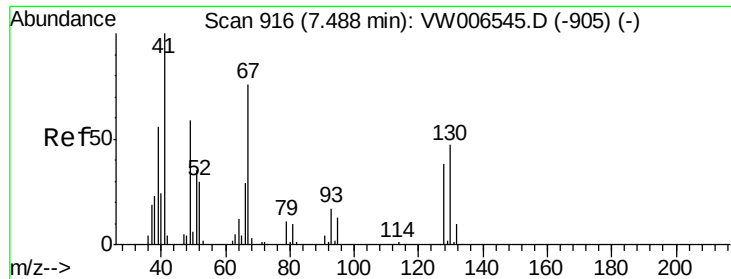
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#40
Benzene
Concen: 56.596 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.2	28.8





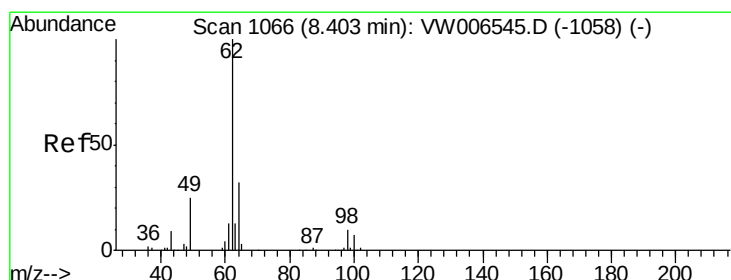
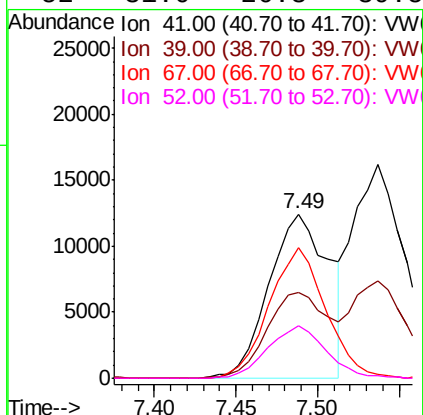
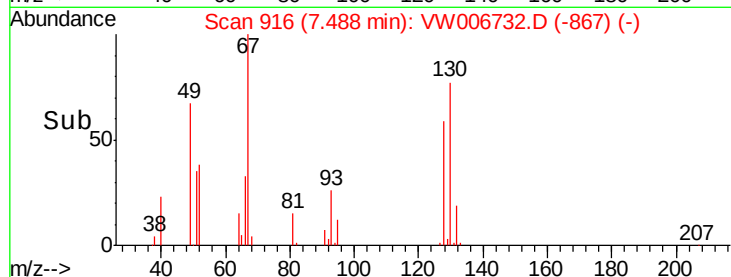
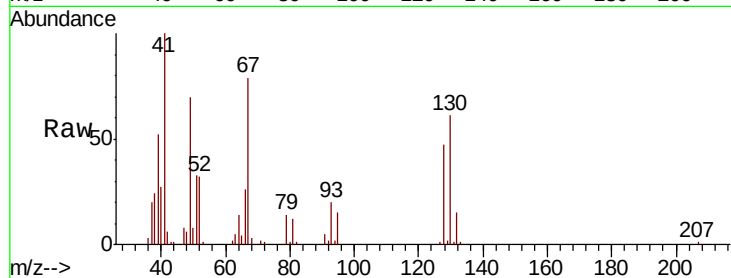
#41
Methacrylonitrile
Concen: 53.358 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.1	44.5	66.7
67	75.1	63.8	95.8
52	31.0	26.3	39.5

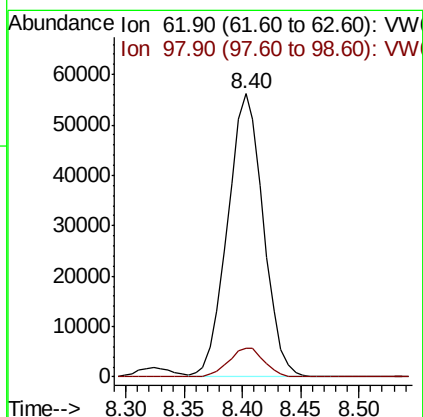
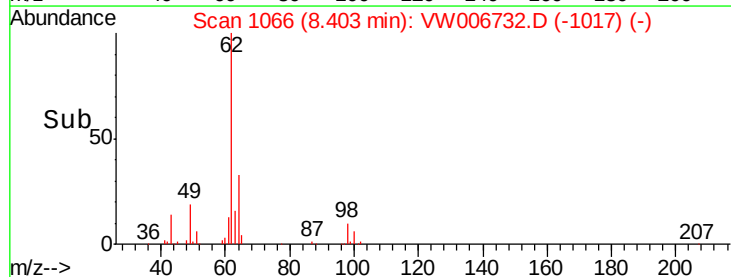
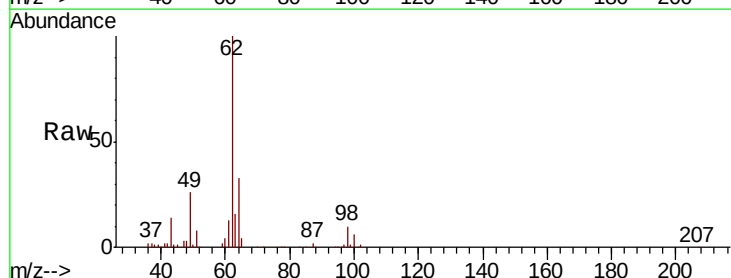
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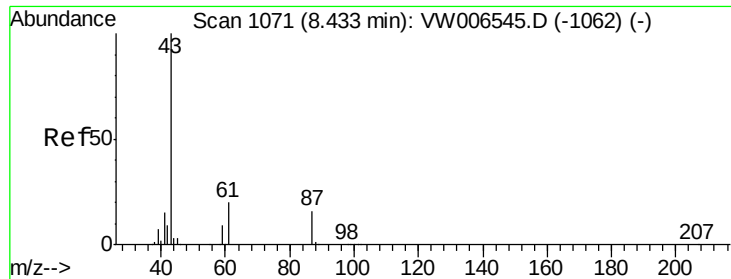
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#42
1,2-Dichloroethane
Concen: 52.542 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8





#43

Isopropyl Acetate

Concen: 49.770 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

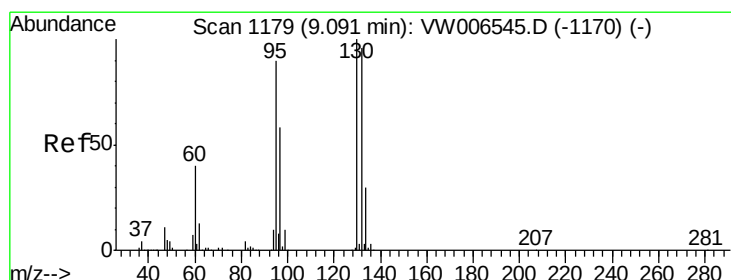
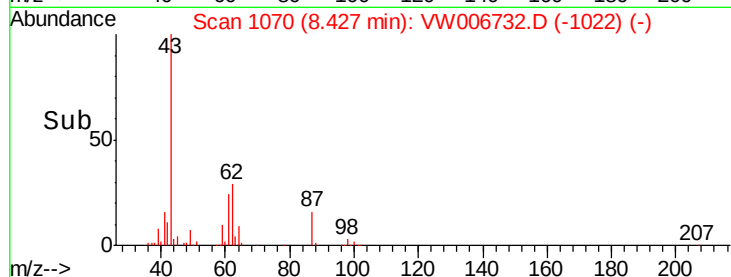
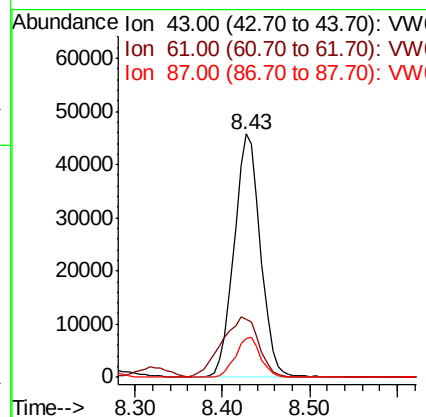
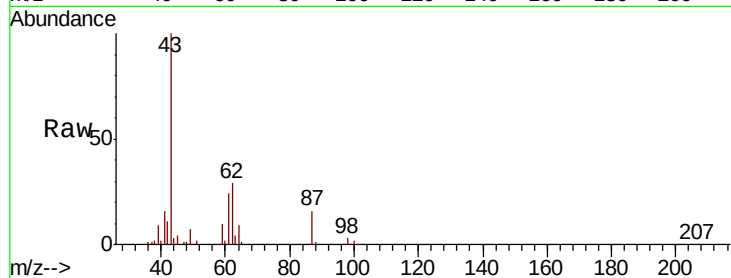
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	96325
Ion	Ratio	Lower	Upper
43	100		
61	34.7	27.2	40.8
87	15.7	12.9	19.3

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#44

Trichloroethene

Concen: 55.271 ug/l

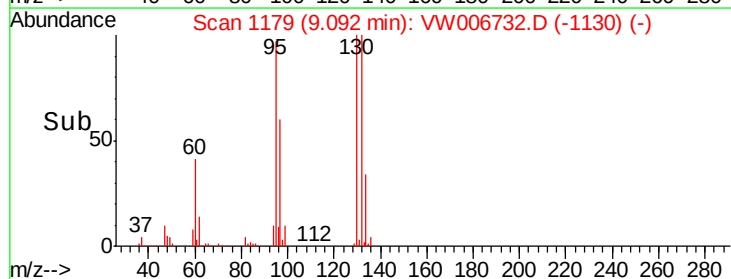
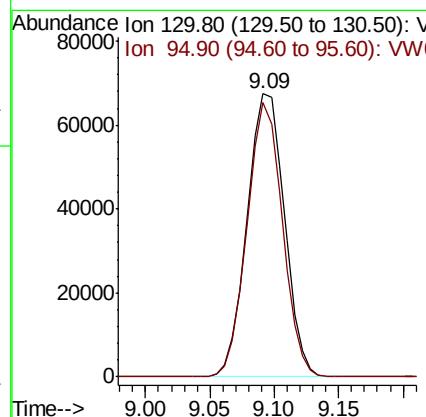
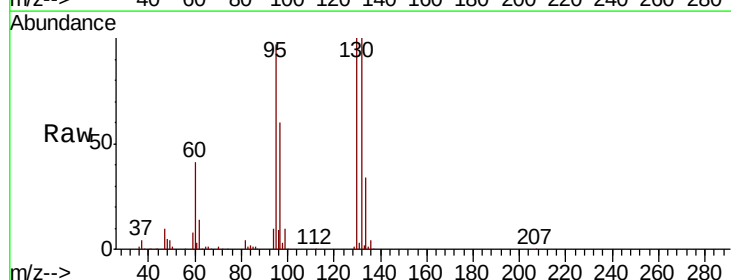
RT: 9.09 min Scan# 1179

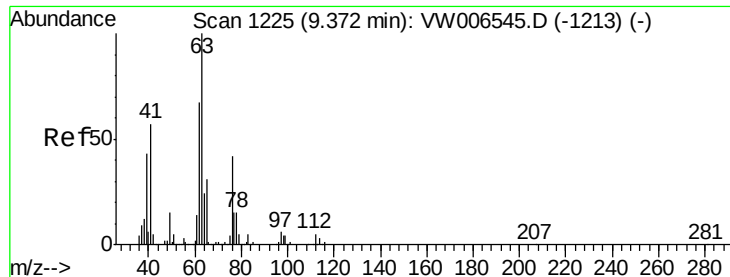
Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Tgt Ion:	130	Resp:	135587
Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	179.2





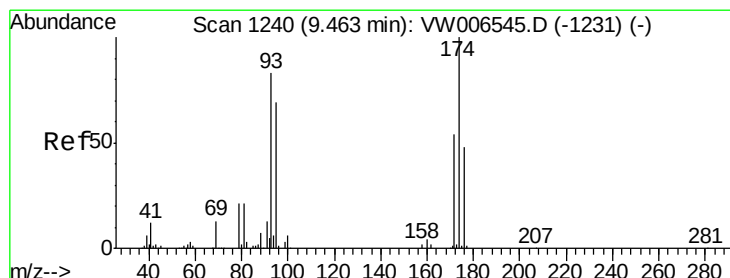
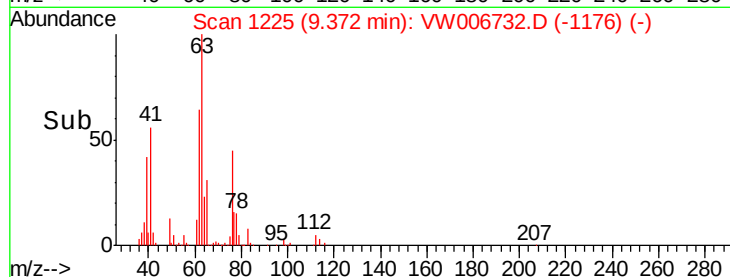
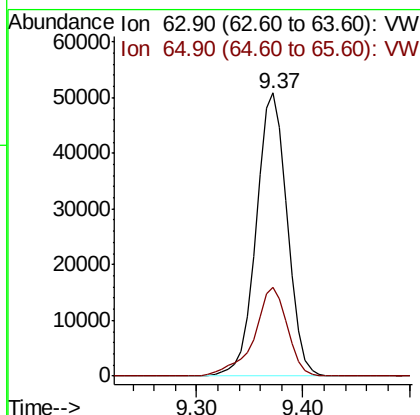
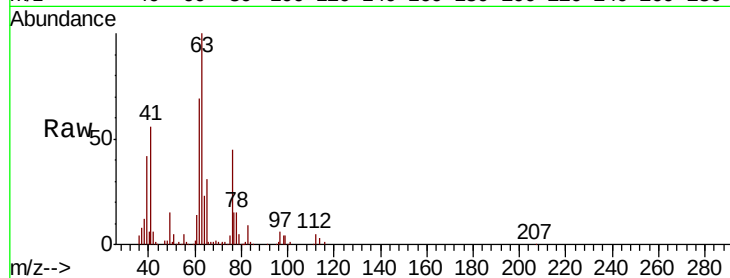
#45
 1,2-Dichloropropane
 Concen: 55.883 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006732.D
 Acq: 07 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	63	Resp	103384
Ion Ratio	Lower	Upper	
63	100		
65	31.2	25.1	37.7

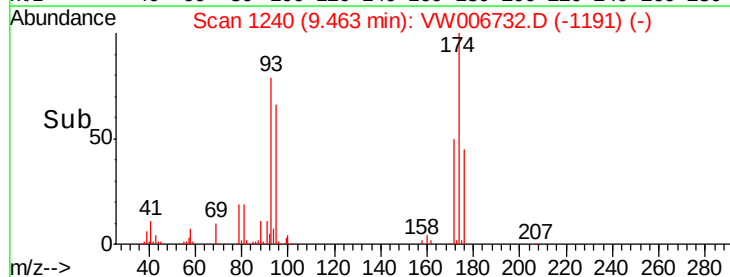
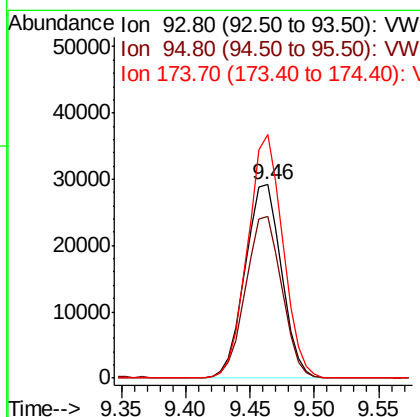
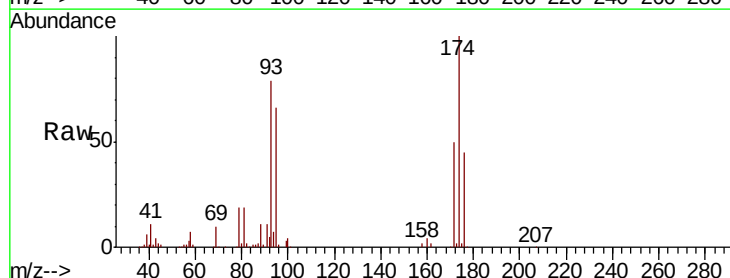
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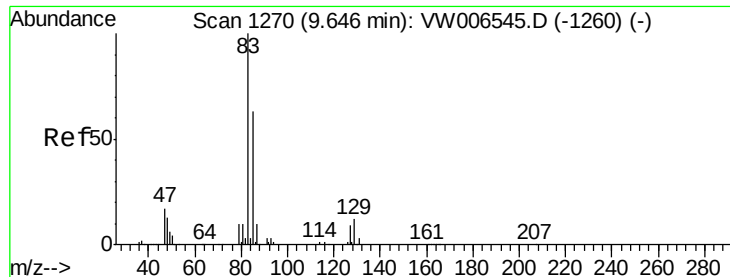
apatel
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#46
 Dibromomethane
 Concen: 52.511 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006732.D
 Acq: 07 Nov 2018 13:12

Tgt Ion	93	Resp	57106
Ion Ratio	Lower	Upper	
93	100		
95	83.0	67.2	100.8
174	121.2	97.3	145.9





#47

Bromodichloromethane

Concen: 55.136 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

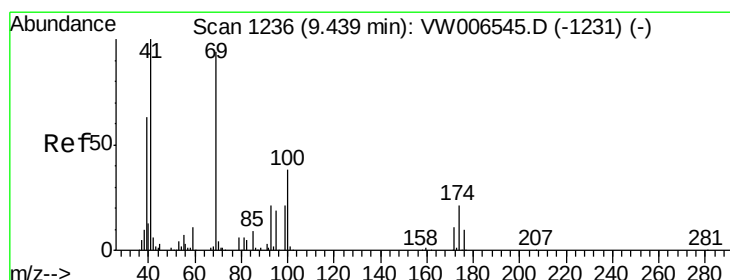
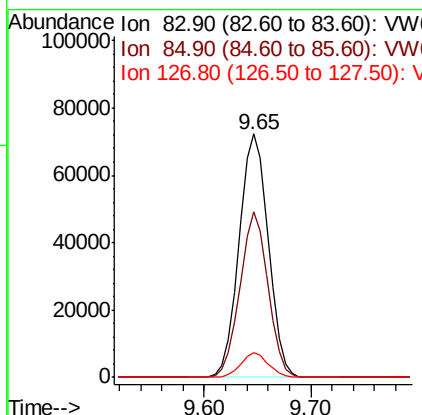
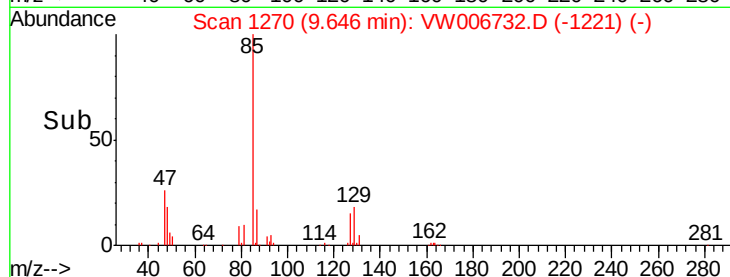
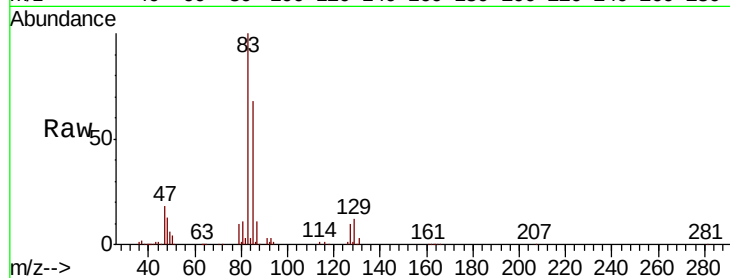
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	139225
Ion	Ratio	Lower	Upper
83	100		
85	68.1	50.6	75.8
127	10.3	7.5	11.3

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#48

Methyl methacrylate

Concen: 50.624 ug/l

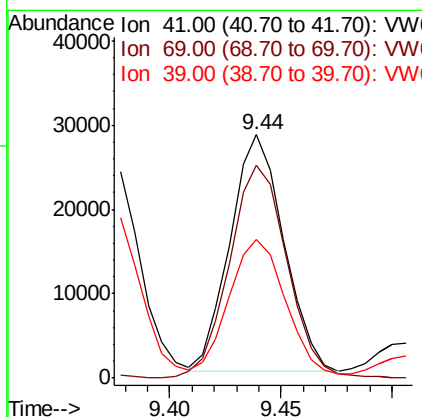
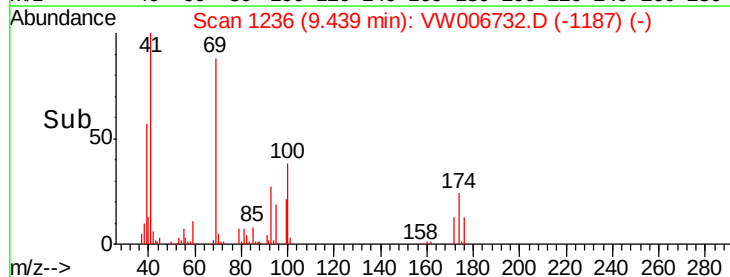
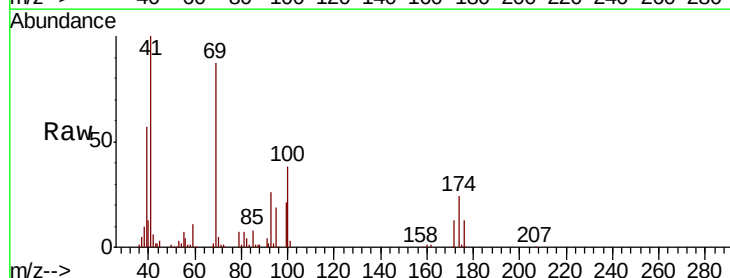
RT: 9.44 min Scan# 1236

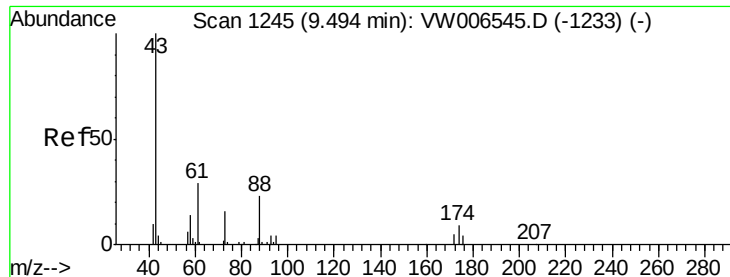
Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Tgt Ion:	41	Resp:	47206
Ion	Ratio	Lower	Upper
41	100		
69	97.0	77.8	116.8
39	58.8	48.7	73.1





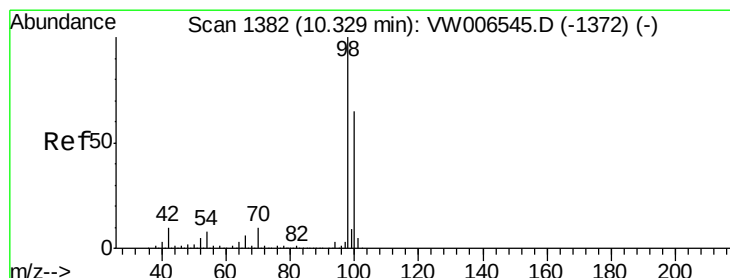
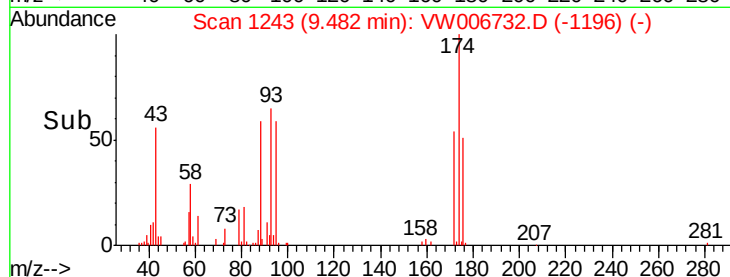
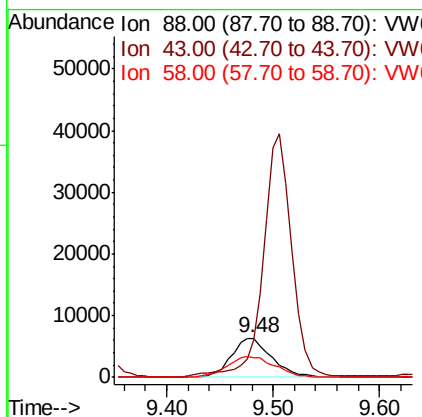
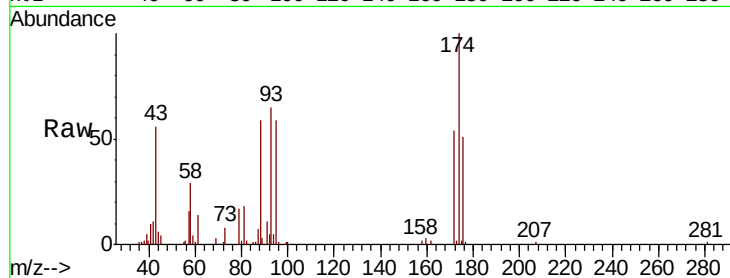
#49
1,4-Dioxane
Concen: 1054.003 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	16775
Ion Ratio	Lower	Upper	
88	100		
43	0.0	356.6	534.8#
58	62.9	51.4	77.2

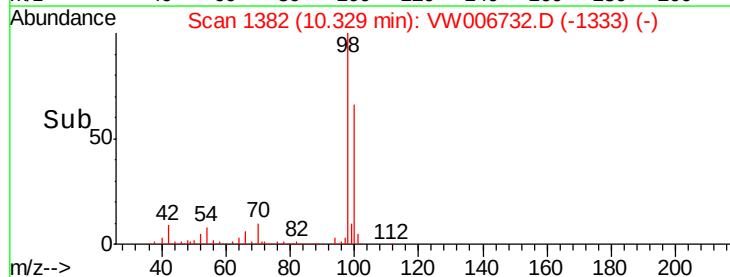
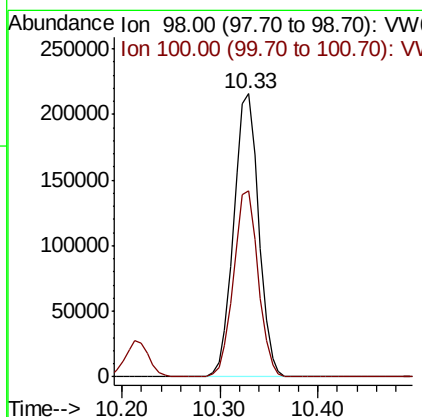
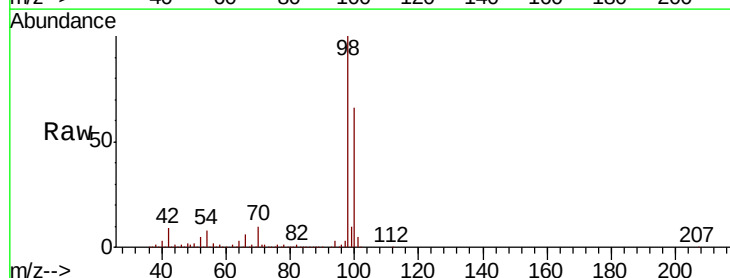
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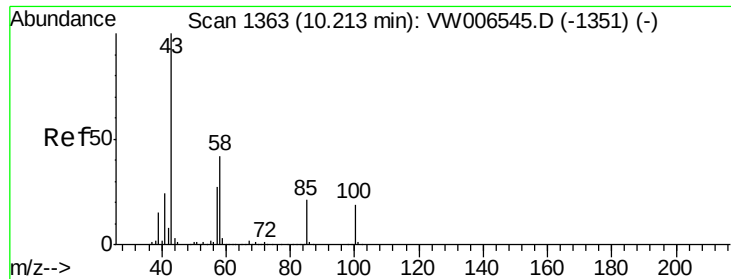
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#50
Toluene-d8
Concen: 50.199 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Tgt Ion	98	Resp	381689
Ion Ratio	Lower	Upper	
98	100		
100	64.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 248.150 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 246660

Ion Ratio Lower Upper

43 100

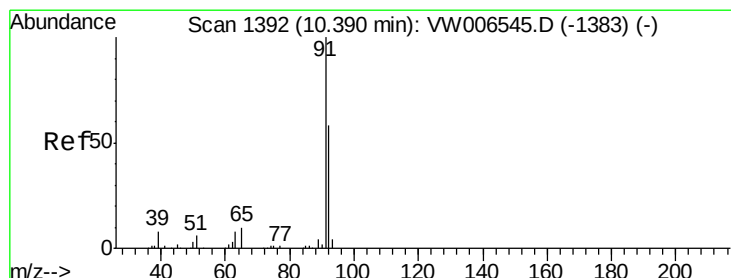
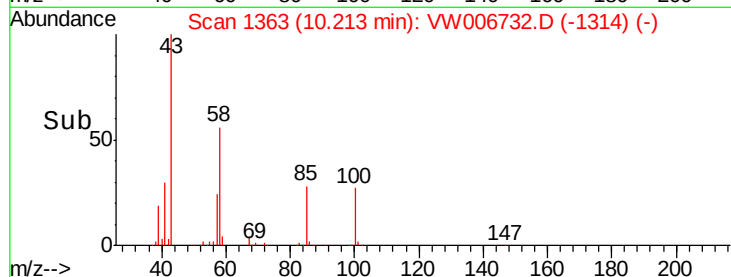
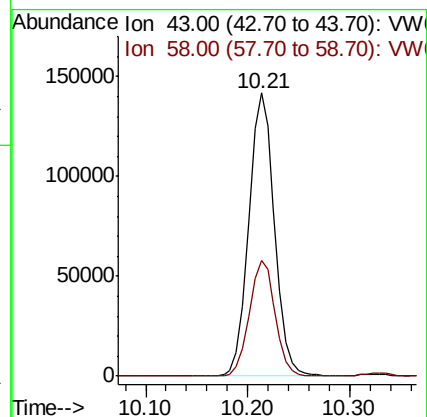
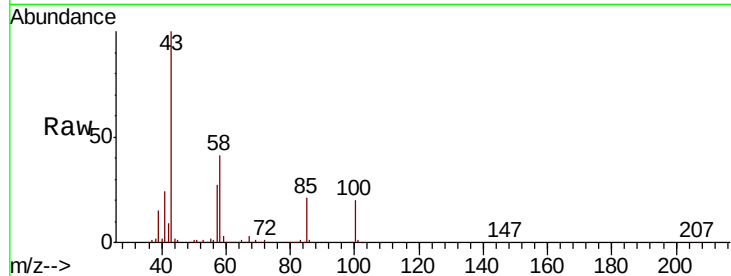
58 41.3 33.4 50.0

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#52

Toluene

Concen: 55.514 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006732.D

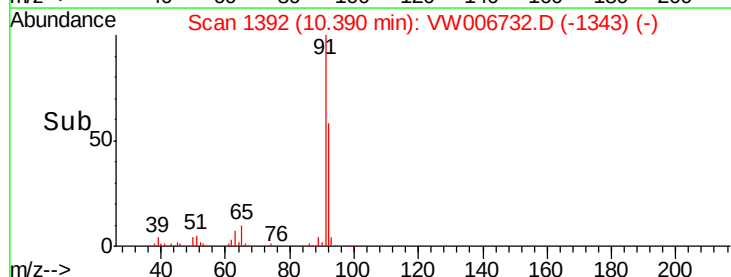
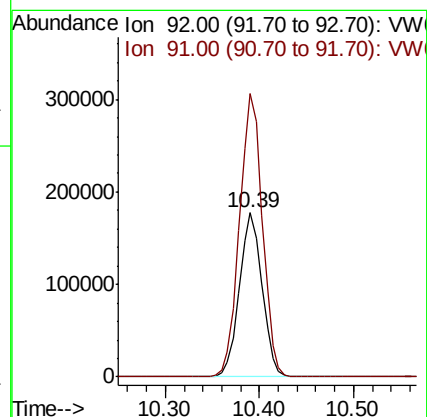
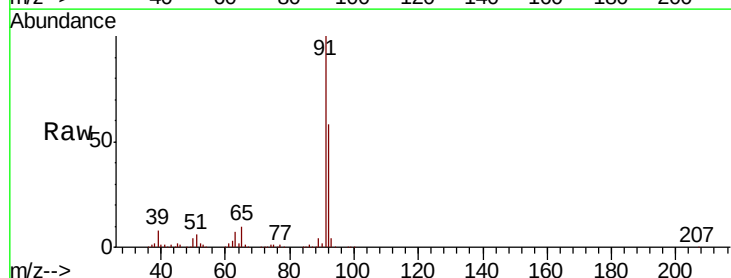
Acq: 07 Nov 2018 13:12

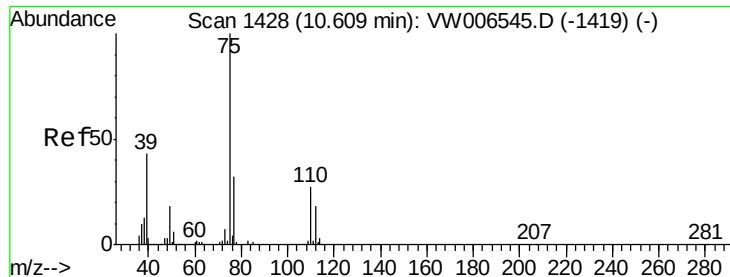
Tgt Ion: 92 Resp: 295995

Ion Ratio Lower Upper

92 100

91 174.5 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 54.860 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 133320

Ion Ratio Lower Upper

75 100

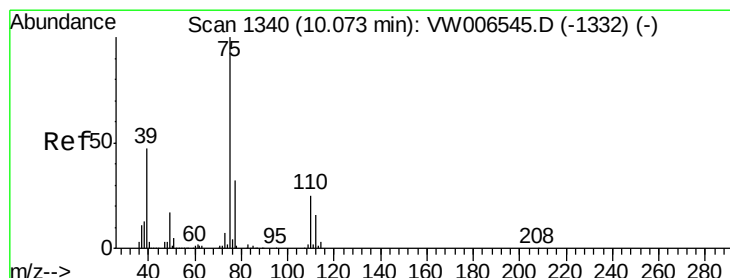
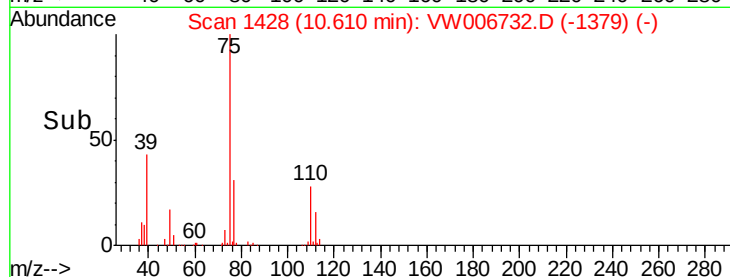
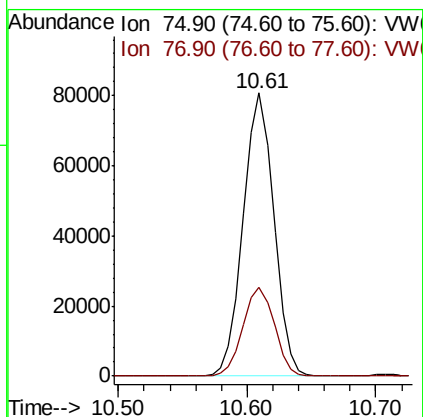
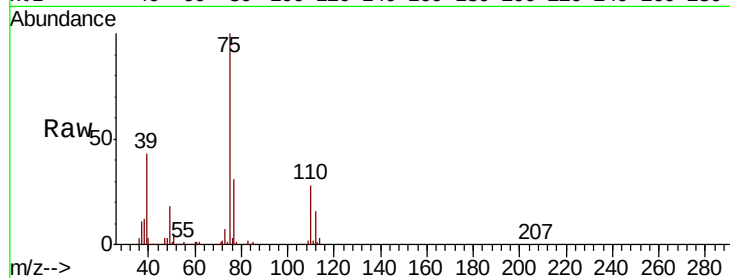
77 31.3 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 55.212 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

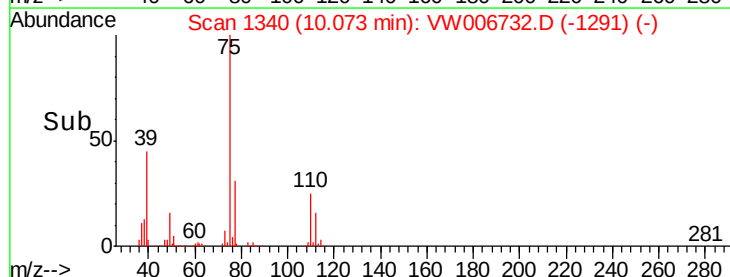
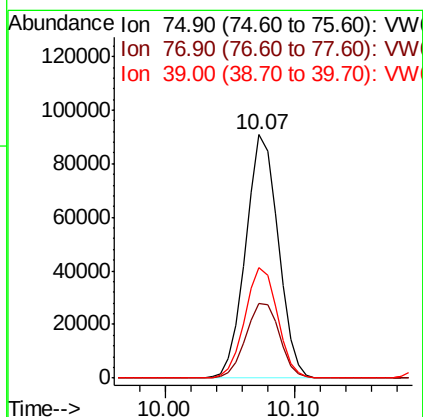
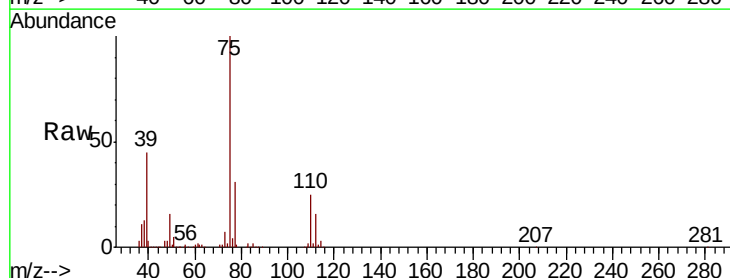
Tgt Ion: 75 Resp: 158555

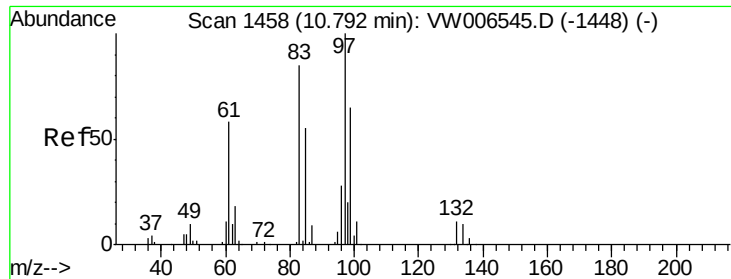
Ion Ratio Lower Upper

75 100

77 30.9 25.7 38.5

39 45.4 37.3 55.9





#55

1,1,2-Trichloroethane

Concen: 52.056 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

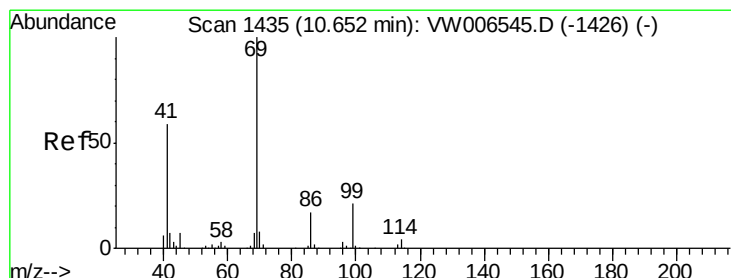
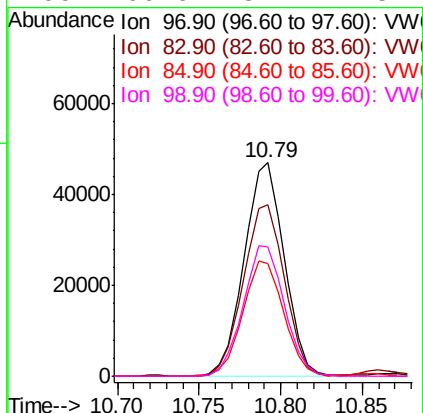
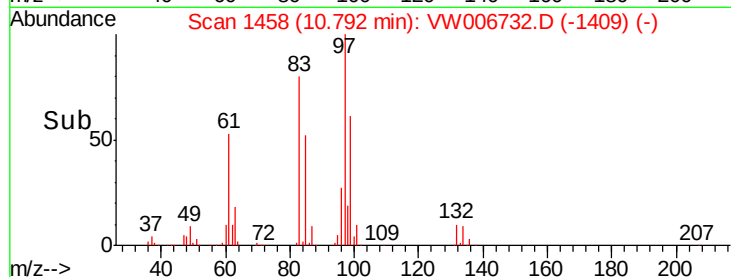
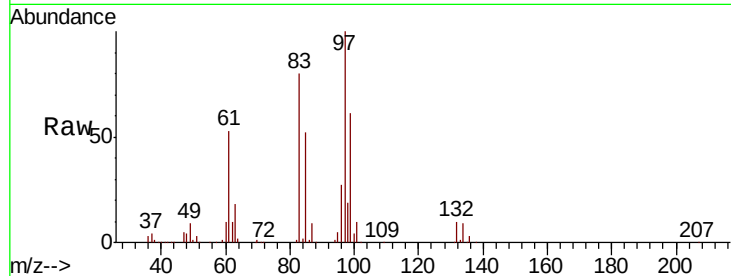
ClientSampled :

VSTDCCC050

Tot Ion:	97	Resp:	80324
Ion	Ratio	Lower	Upper
97	100		
83	80.3	67.9	101.9
85	52.5	44.0	66.0
99	60.6	52.2	78.2

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#56

Ethyl methacrylate

Concen: 50.350 ug/l

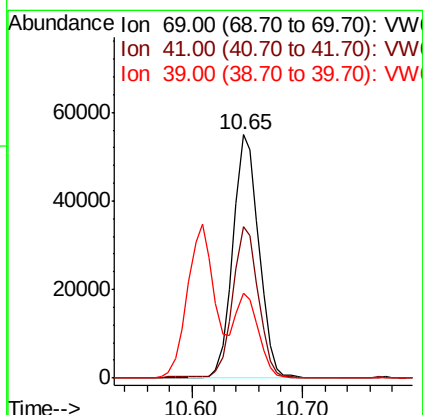
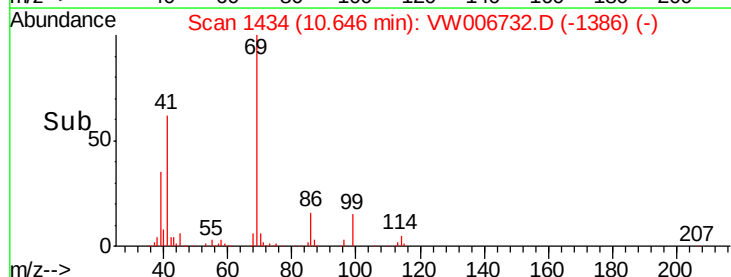
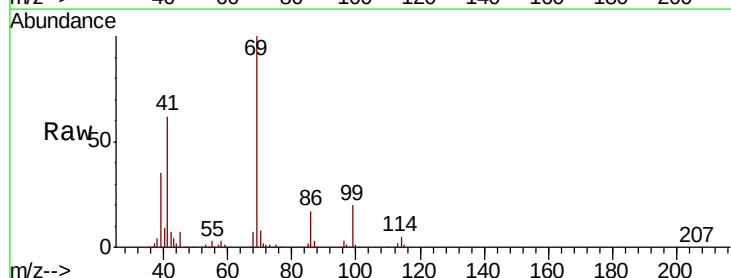
RT: 10.65 min Scan# 1434

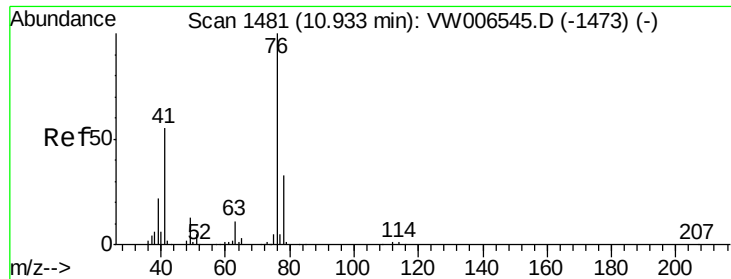
Delta R.T. -0.01 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Tgt Ion:	69	Resp:	88303
Ion	Ratio	Lower	Upper
69	100		
41	61.1	47.4	71.2
39	30.3	25.3	37.9





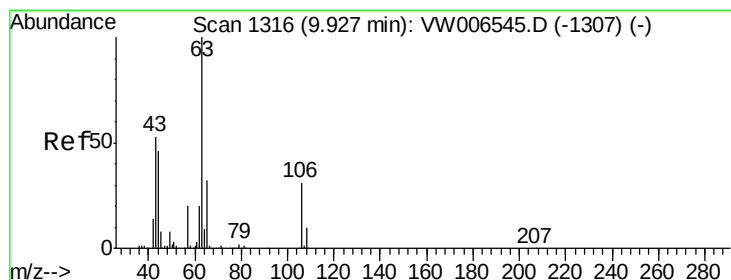
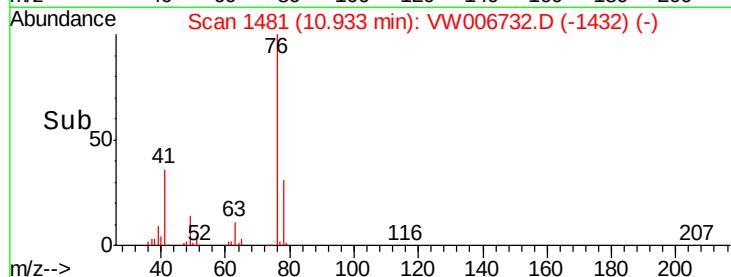
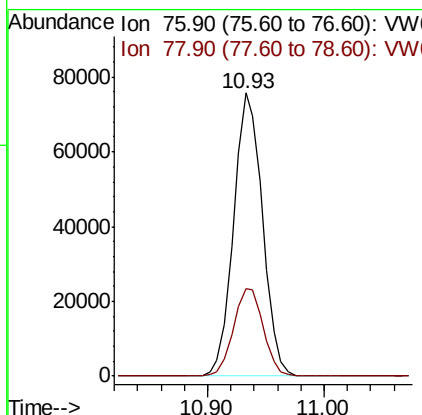
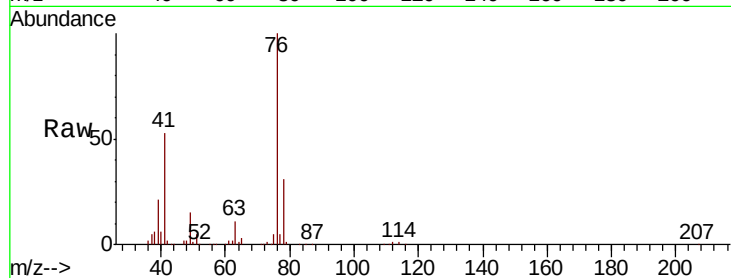
#57
 1,3-Dichloropropane
 Concen: 52.080 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006732.D
 Acq: 07 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.4

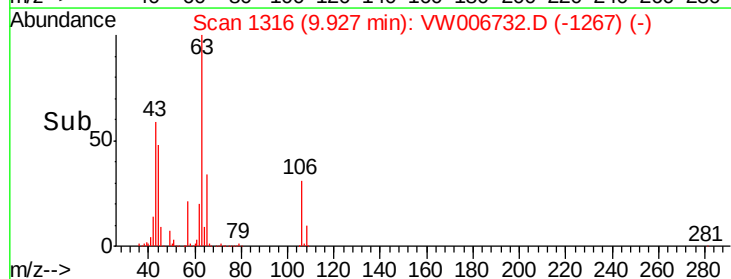
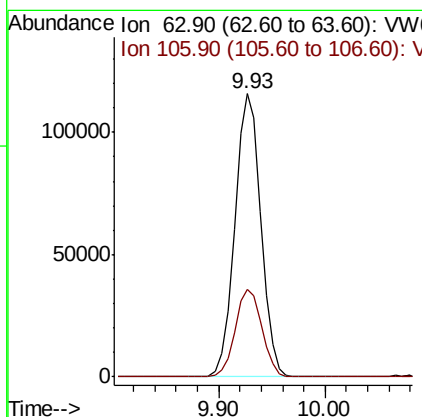
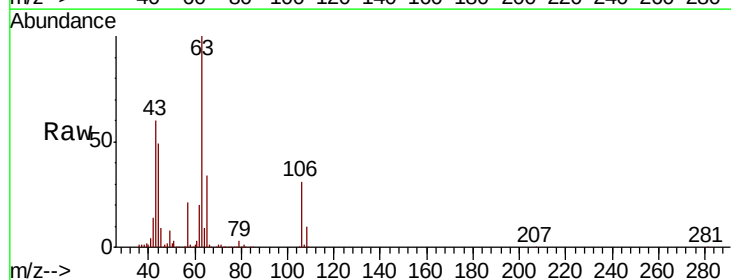
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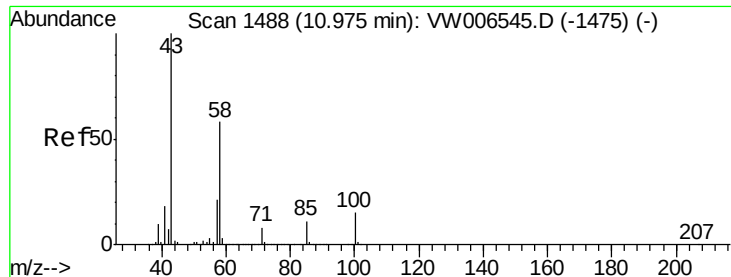
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#58
 2-Chloroethyl Vinyl ether
 Concen: 232.240 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006732.D
 Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.8	25.4	38.2





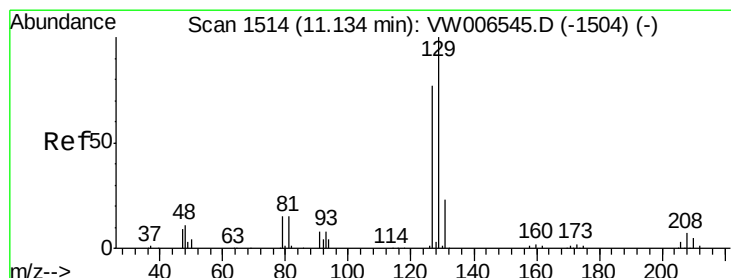
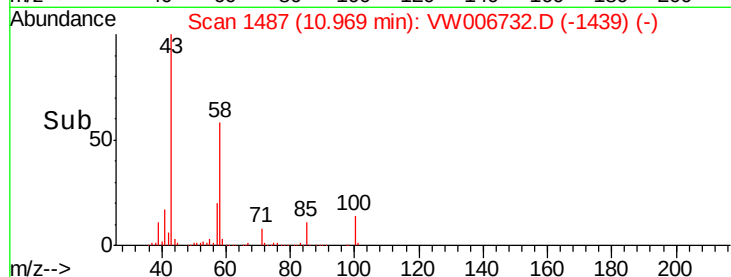
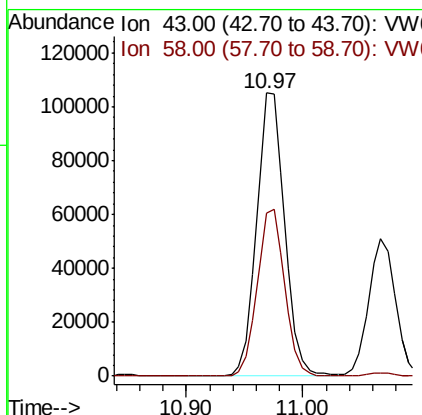
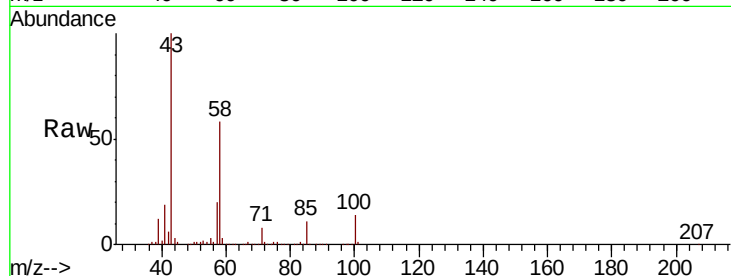
#59
2-Hexanone
Concen: 261.568 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	176588
Ion Ratio	100	Lower	Upper
43	100		
58	57.8	28.8	86.4

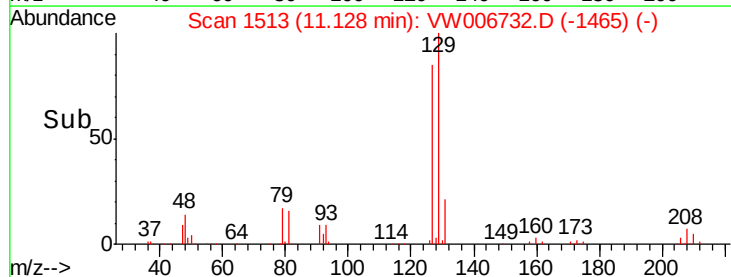
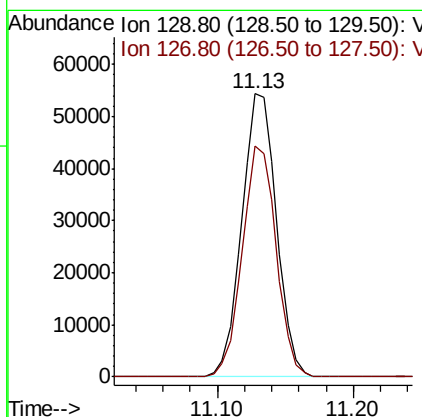
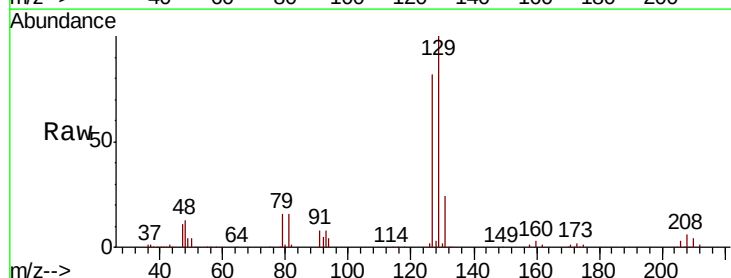
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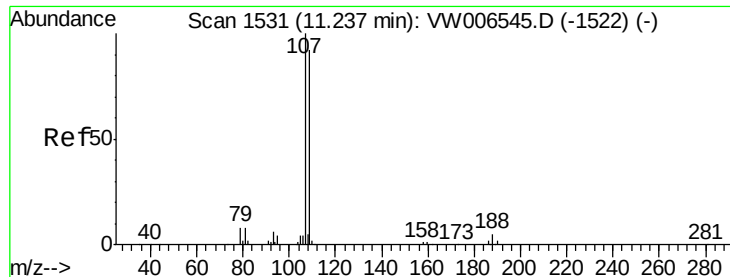
apatel
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#60
Dibromochloromethane
Concen: 53.212 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Tgt Ion	129	Resp	97281
Ion Ratio	100	Lower	Upper
129	100		
127	79.5	38.8	116.3





#61

1,2-Dibromoethane

Concen: 50.567 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 77484

Ion Ratio Lower Upper

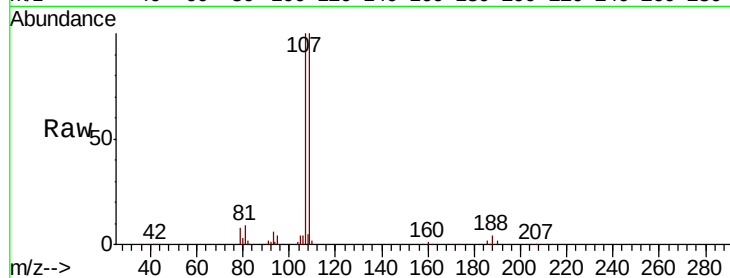
107 100

109 98.4 75.8 113.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

50000

40000

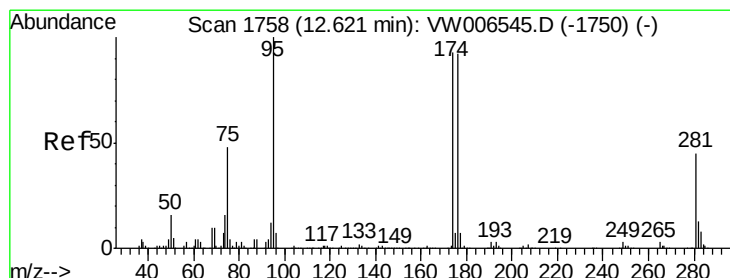
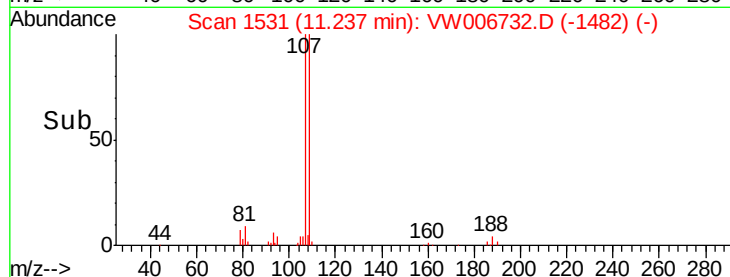
30000

20000

10000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 50.153 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

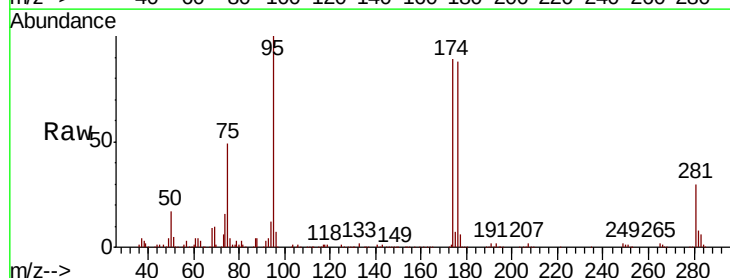
Tgt Ion: 95 Resp: 138250

Ion Ratio Lower Upper

95 100

174 95.3 0.0 192.4

176 91.8 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

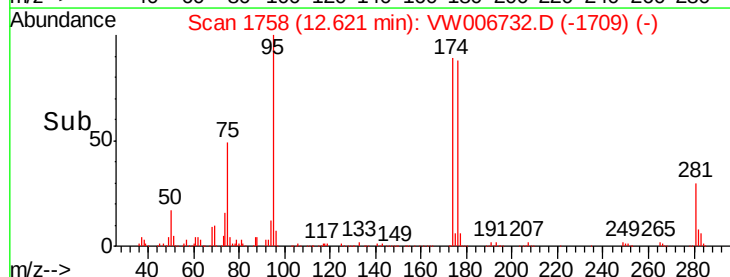
60000

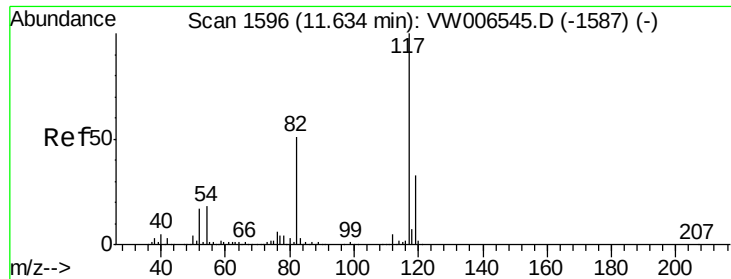
40000

20000

0

Time--> 12.55 12.60 12.65 12.70





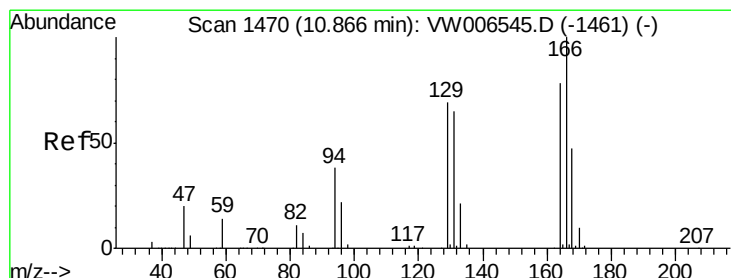
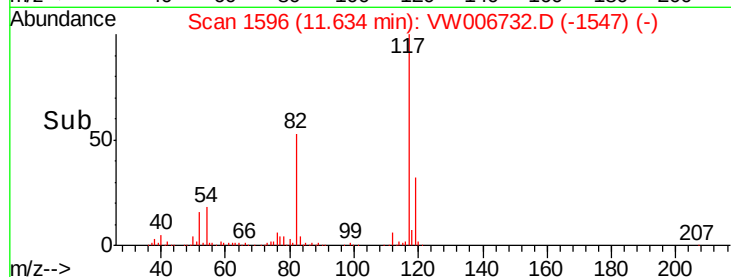
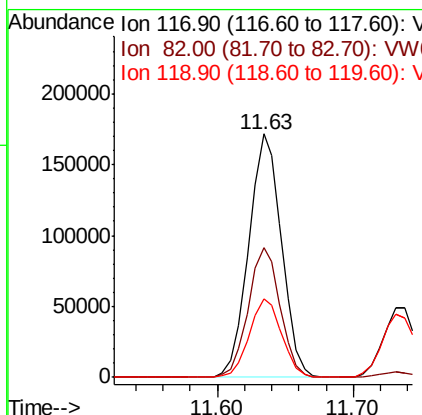
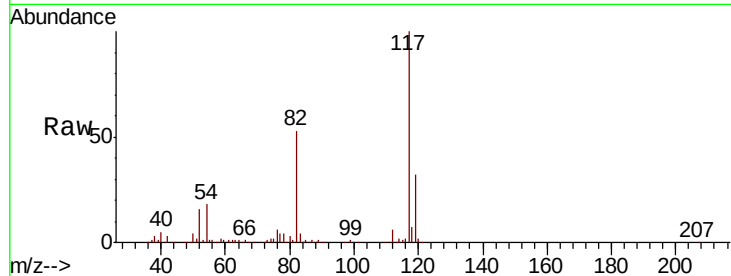
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	289159		
82	53.3		40.8	61.2
119	32.1		26.1	39.1

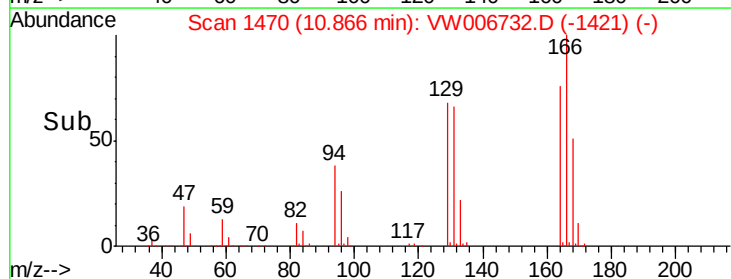
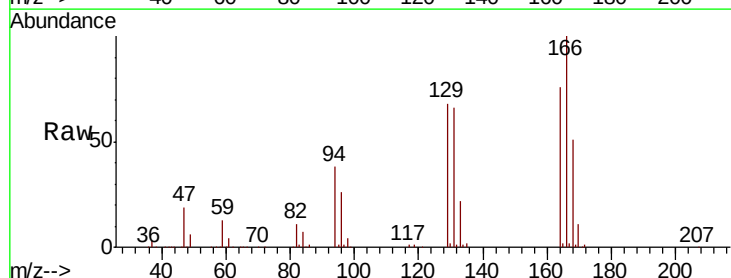
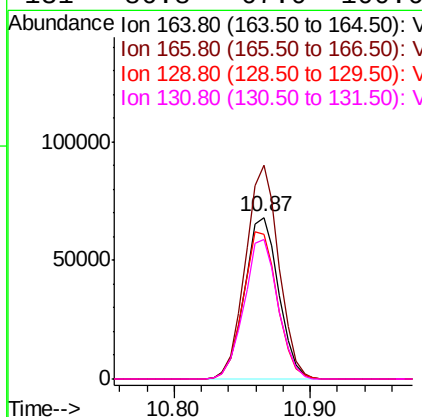
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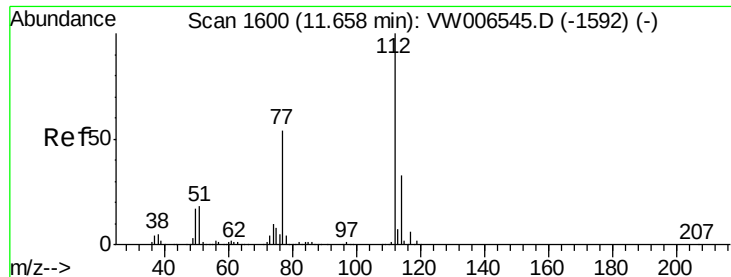
apatel
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#64
Tetrachloroethene
Concen: 51.856 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	119528		
166	132.4		102.8	154.2
129	89.7		70.9	106.3
131	86.8		67.0	100.6





#65

Chlorobenzene

Concen: 56.284 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 342478

Ion Ratio Lower Upper

112 100

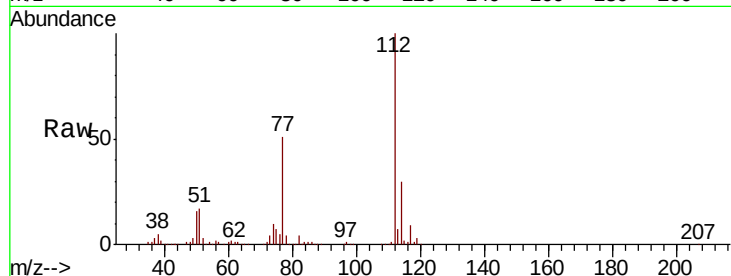
114 30.1 26.2 39.2

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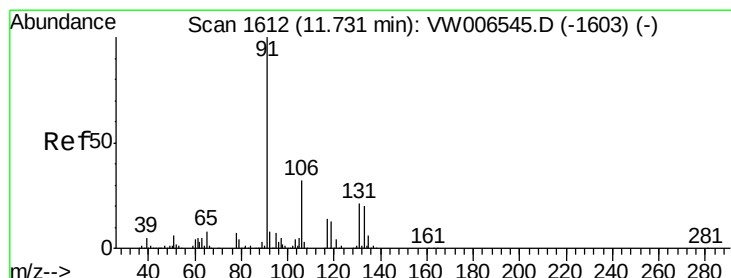
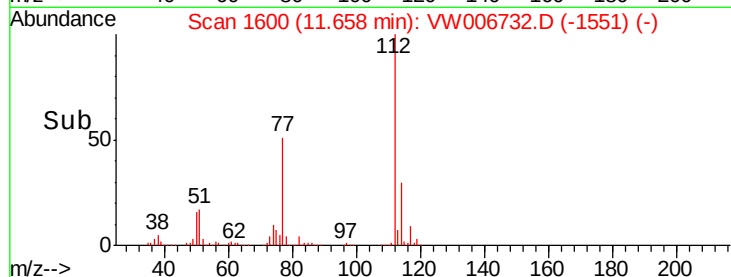
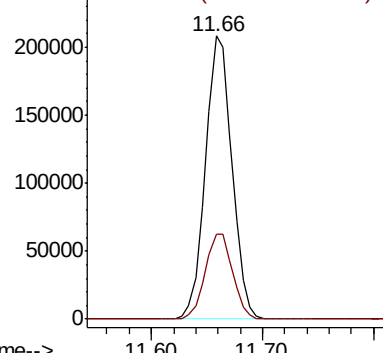
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 55.515 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

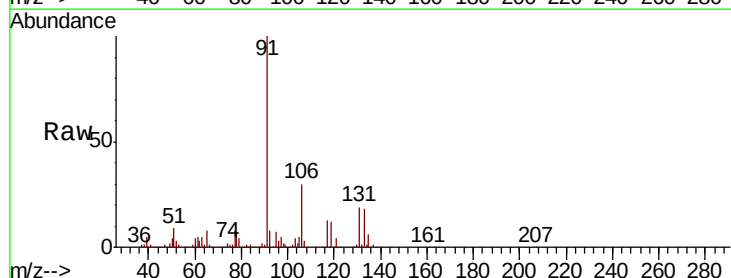
Tgt Ion:131 Resp: 118729

Ion Ratio Lower Upper

131 100

133 96.1 47.5 142.5

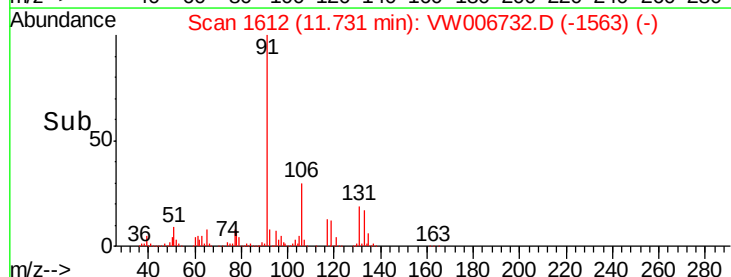
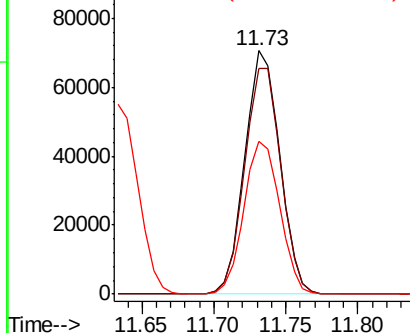
119 64.6 31.9 95.5

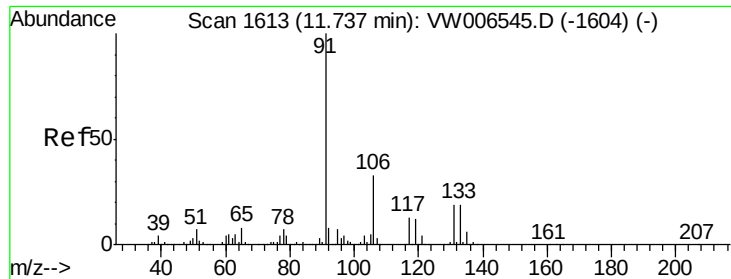


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





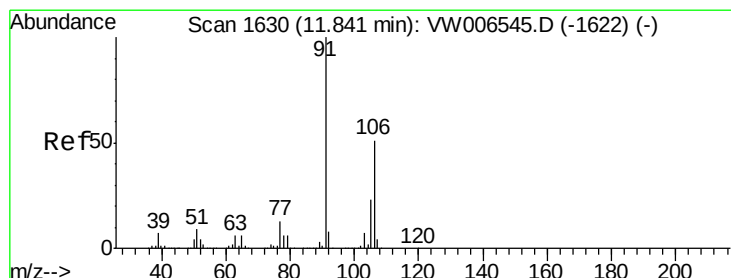
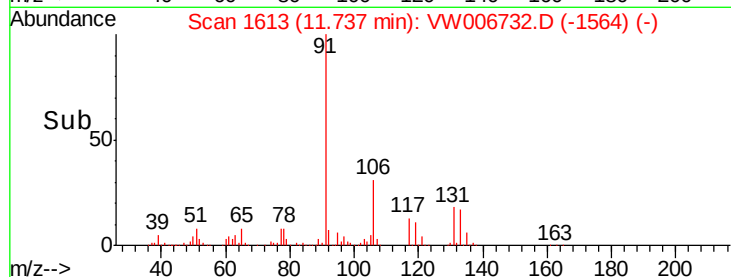
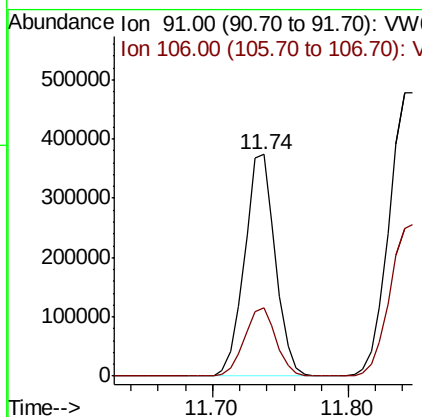
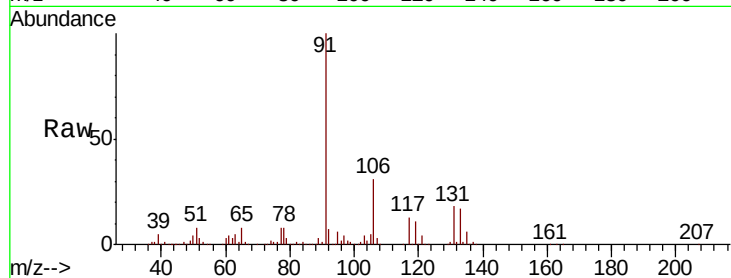
#67
Ethyl Benzene
Concen: 58.231 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 592233
Ion Ratio Lower Upper
91 100
106 30.6 26.3 39.5

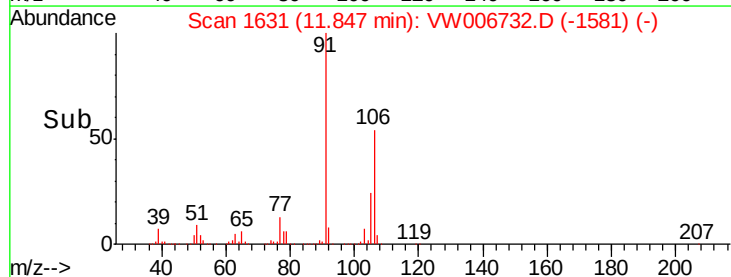
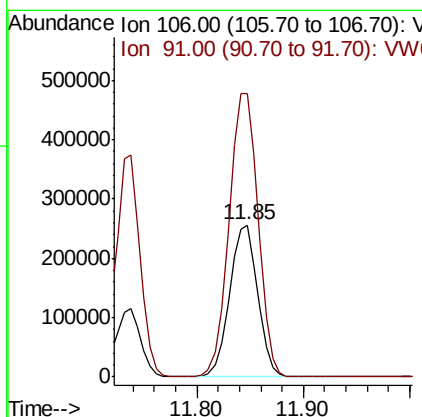
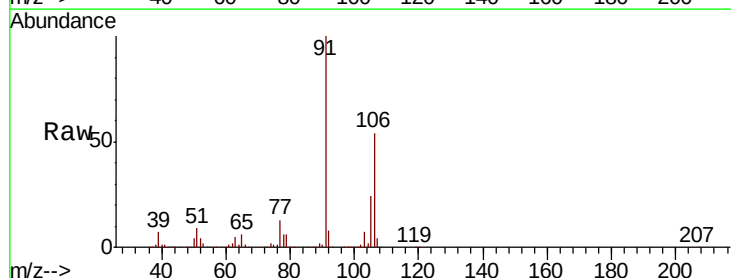
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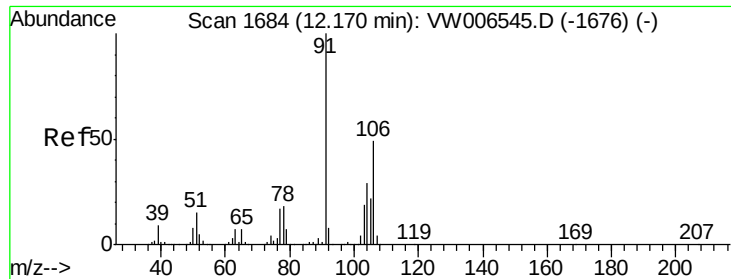
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#68
m/p-Xylenes
Concen: 116.081 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Tgt Ion: 106 Resp: 471674
Ion Ratio Lower Upper
106 100
91 193.9 156.7 235.1





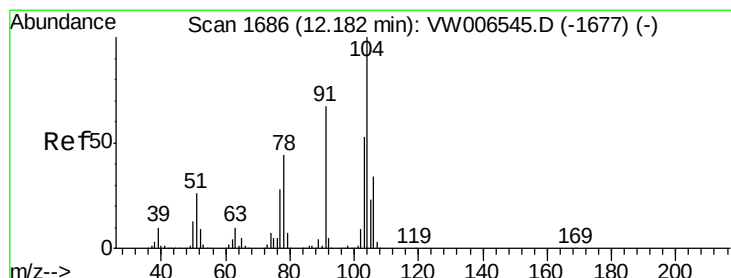
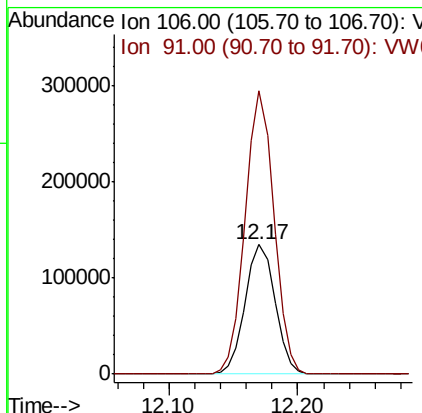
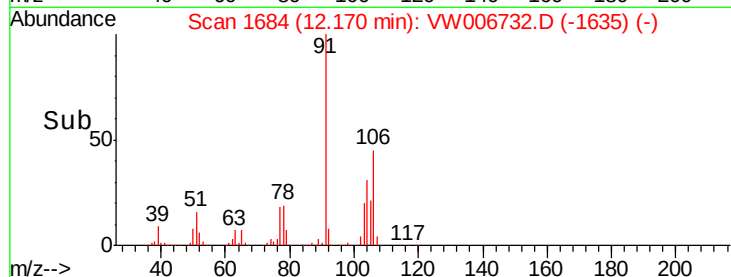
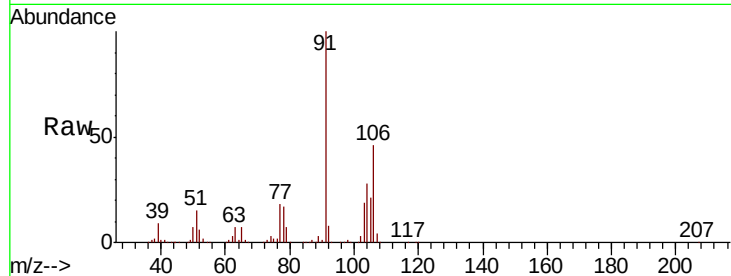
#69
o-Xylene
Concen: 55.973 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.4	102.8	308.4

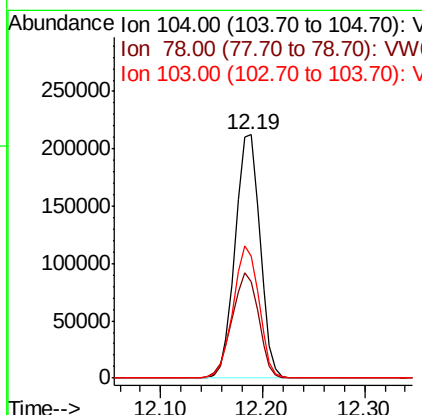
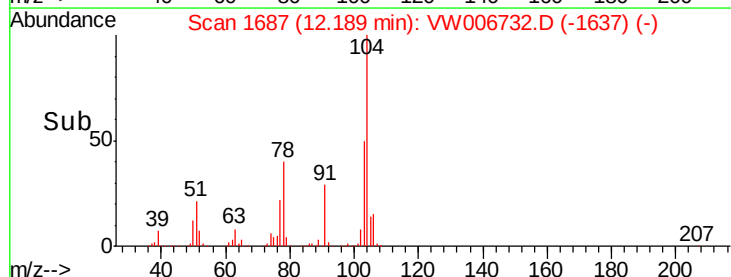
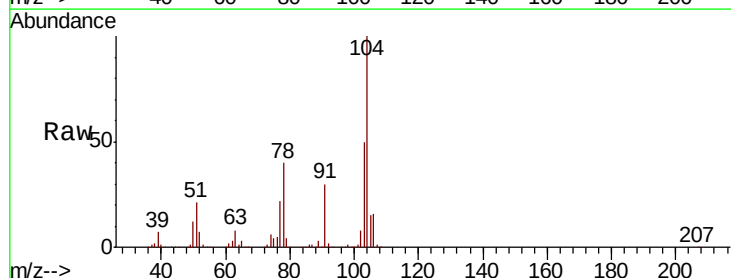
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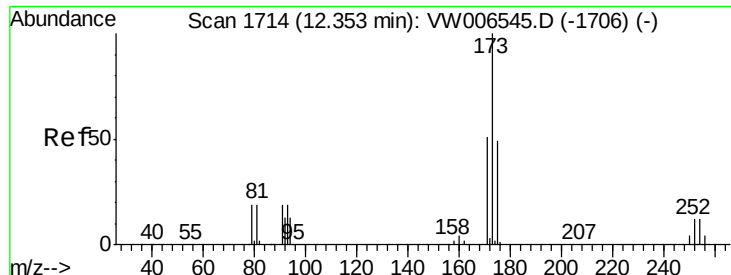
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#70
Styrene
Concen: 56.716 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.4	37.2	55.8
103	56.2	44.2	66.2





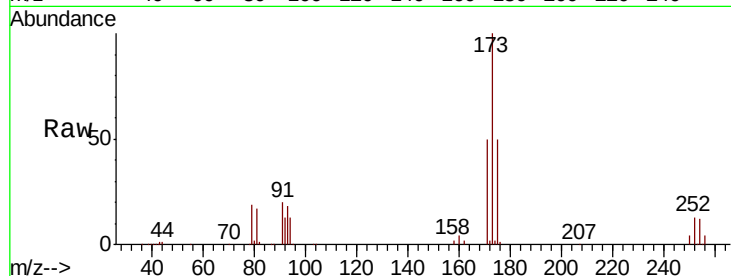
#71
Bromoform
Concen: 54.203 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.1	72.4
254	0.2	0.1	0.1#

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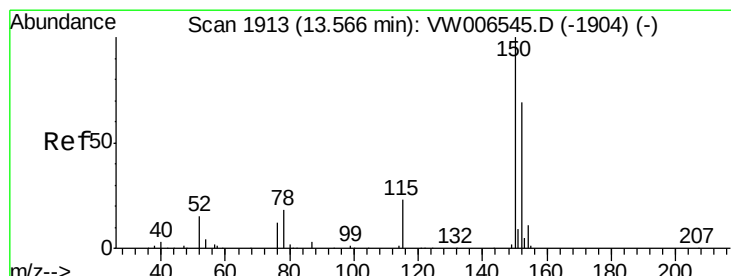
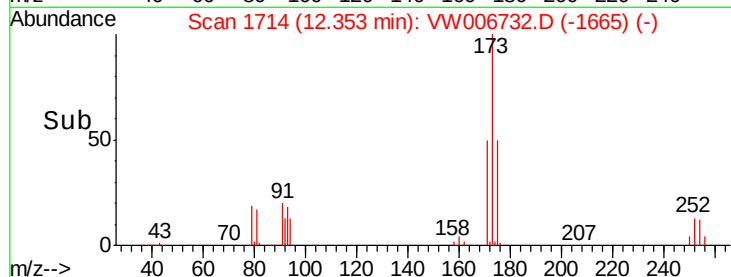
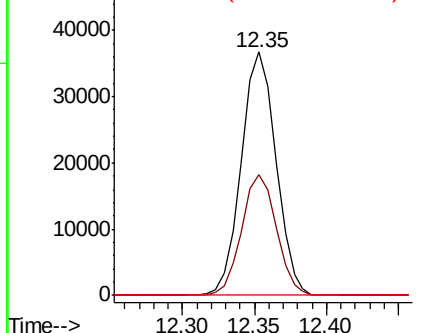


Abundance

Ion 172.70 (172.40 to 173.40): V

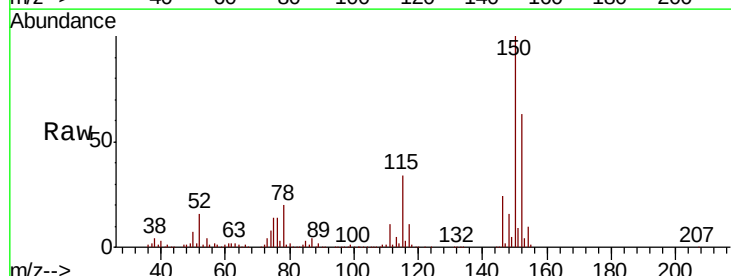
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	26.6	79.8
150	177.6	0.0	344.6

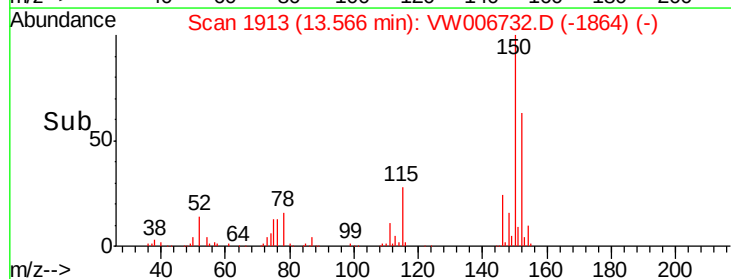
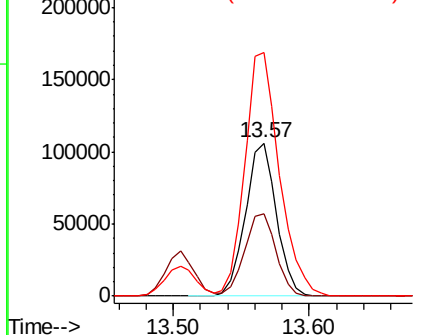


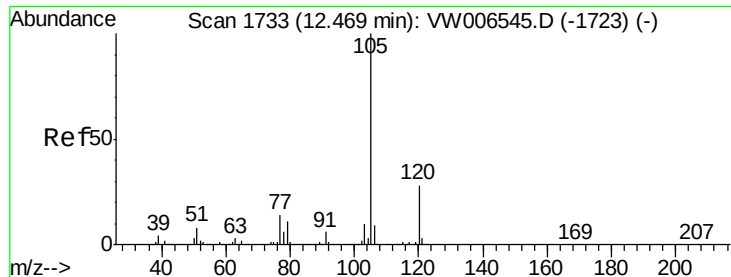
Abundance

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





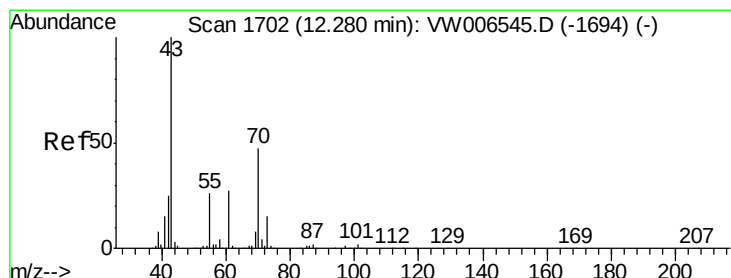
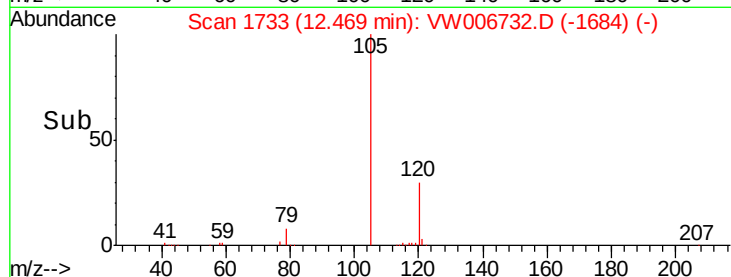
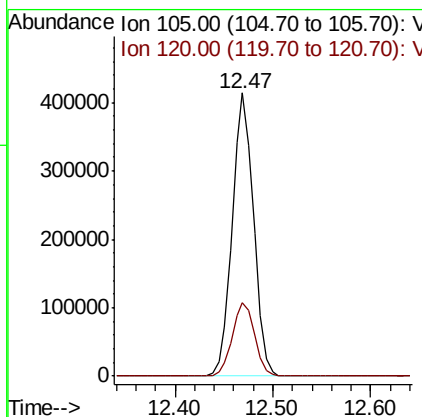
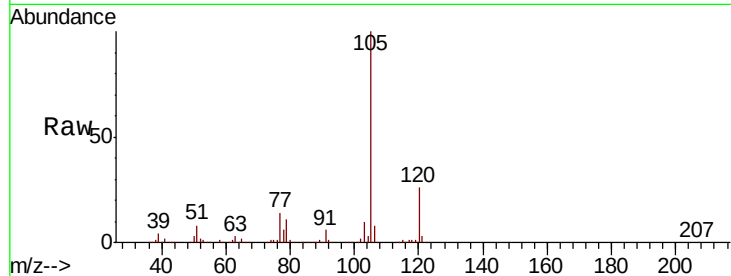
#73
Isopropylbenzene
Concen: 56.145 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.7	41.1

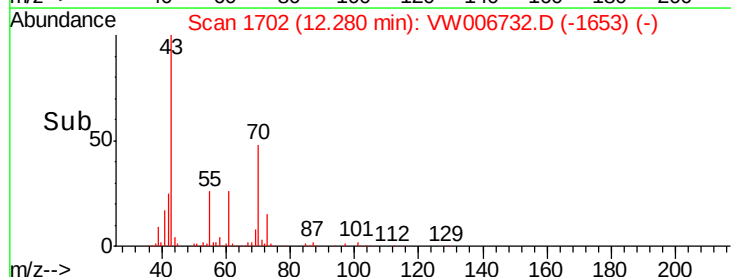
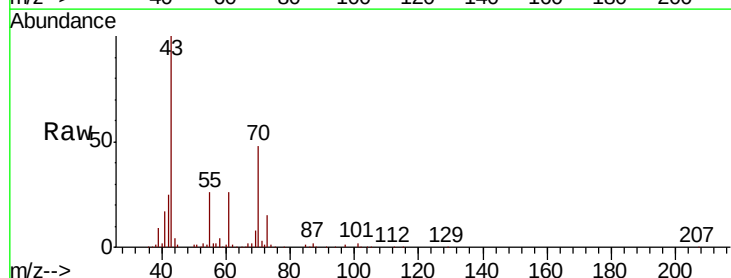
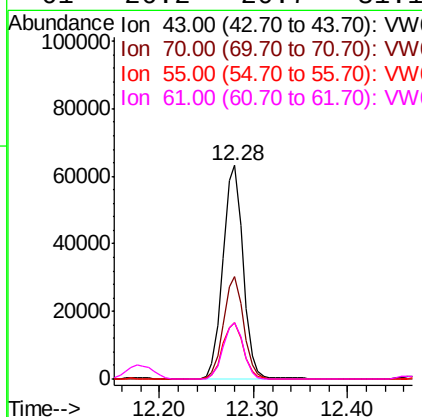
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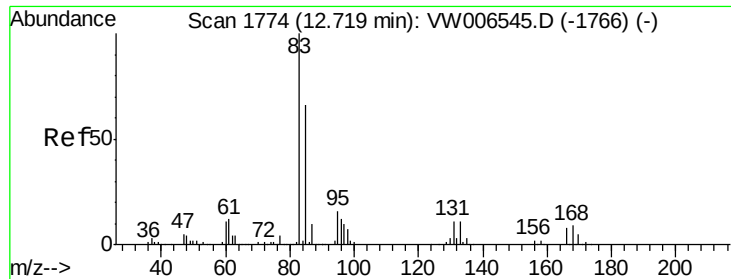
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#74
N-ethyl acetate
Concen: 49.160 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.0	36.9	55.3
55	27.4	20.7	31.1
61	26.2	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.394 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

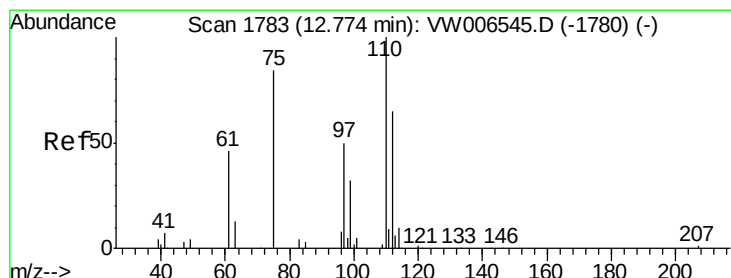
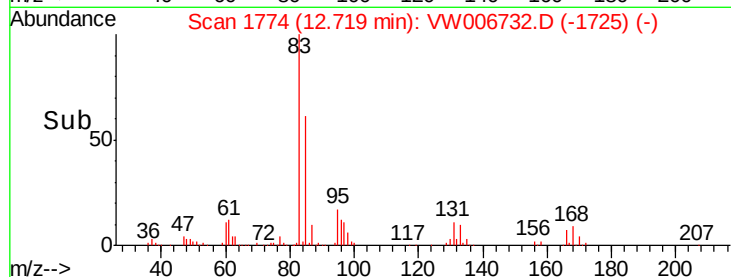
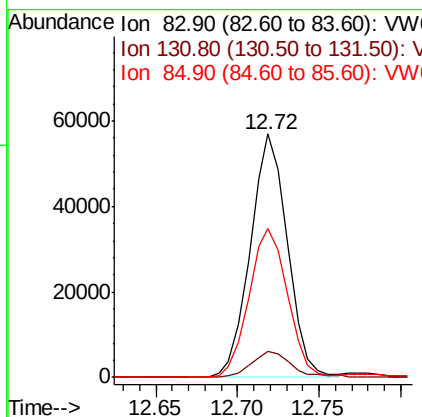
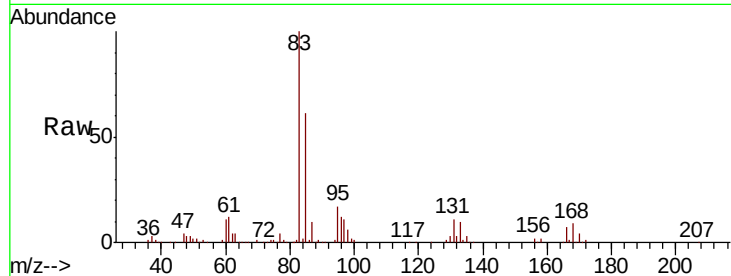
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	90185
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.9	17.7
85	63.5	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 44.141 ug/l m

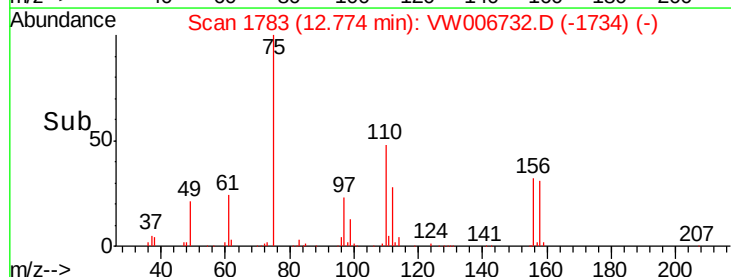
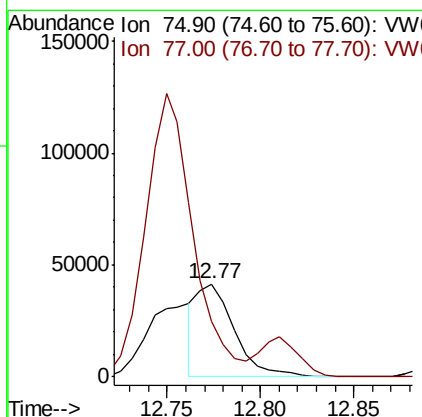
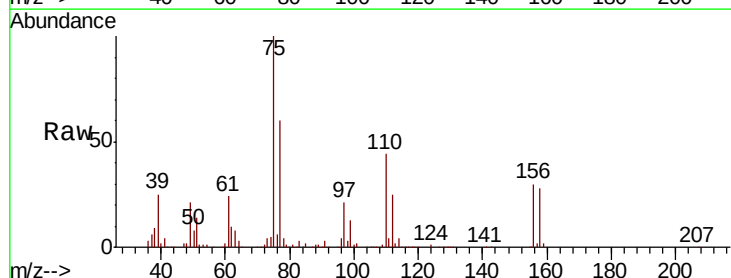
RT: 12.77 min Scan# 1783

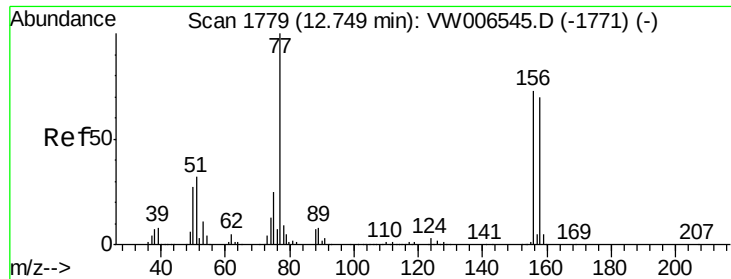
Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Tgt Ion:	75	Resp:	58086
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.694 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

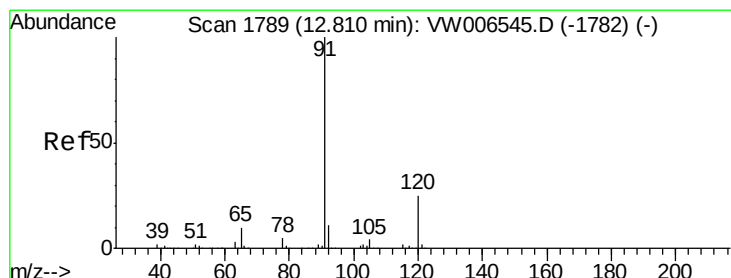
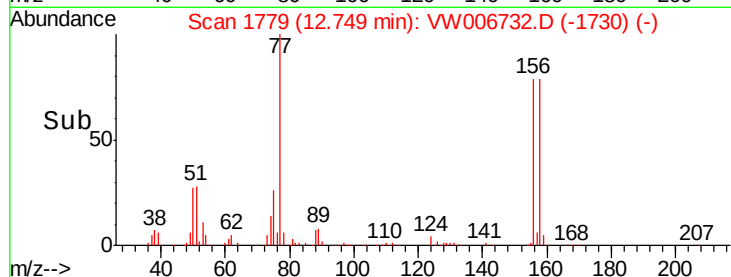
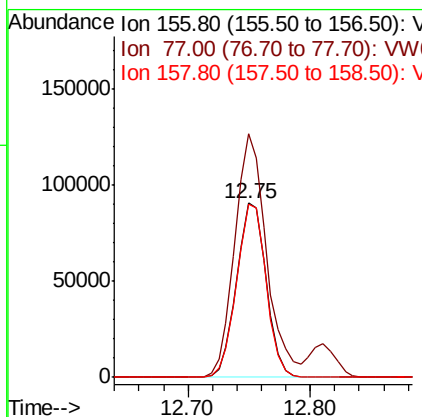
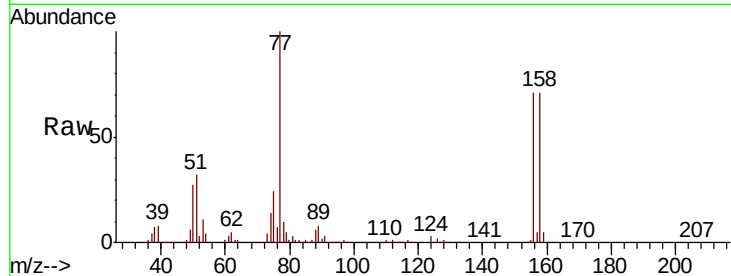
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.8	75.9	227.8
158	98.8	48.6	145.9

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#78

n-propylbenzene

Concen: 57.617 ug/l

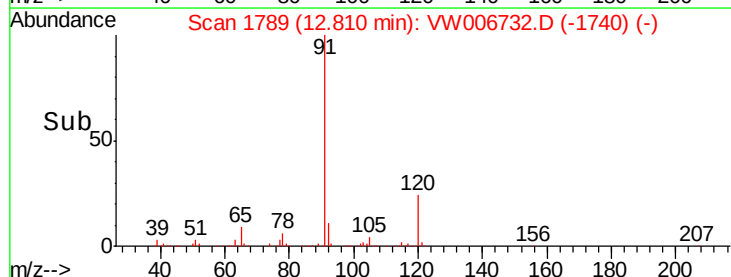
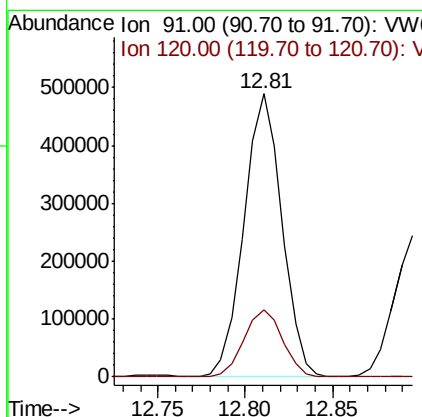
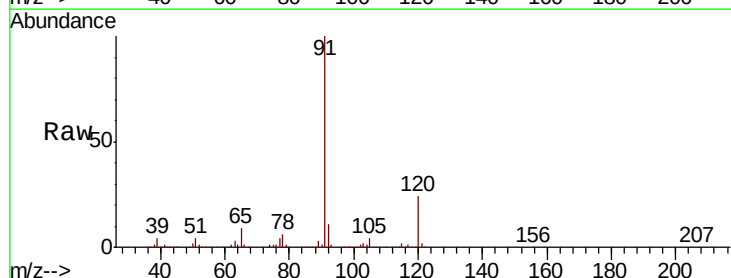
RT: 12.81 min Scan# 1789

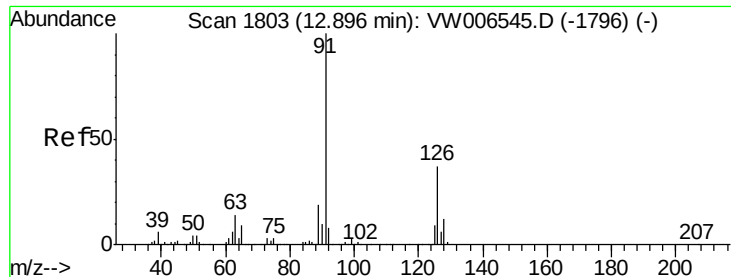
Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.4	37.0





#79

2-Chlorotoluene

Concen: 54.506 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 399752

Ion Ratio Lower Upper

91 100

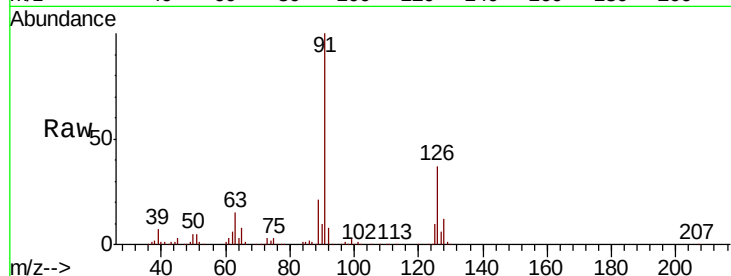
126 37.5 18.5 55.5

Manual Integrations

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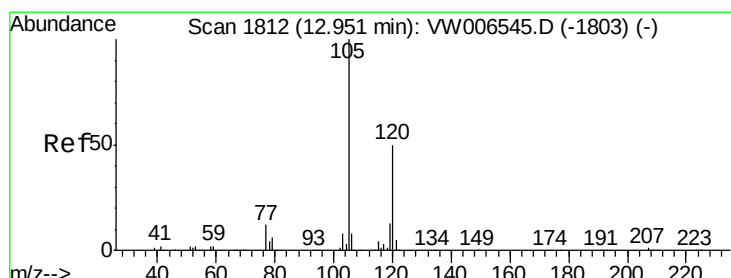
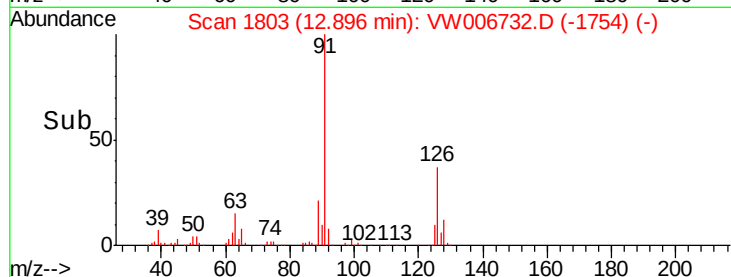
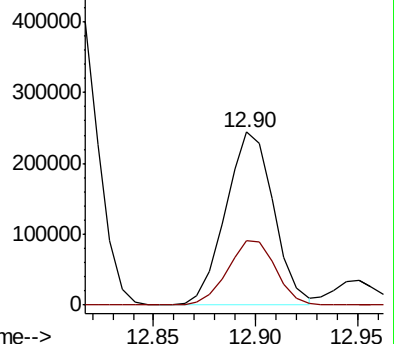
apatel

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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: 55.937 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006732.D

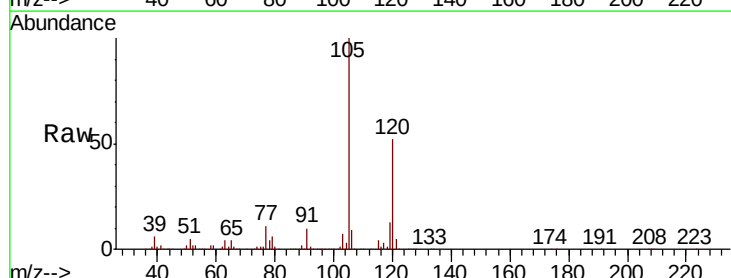
Acq: 07 Nov 2018 13:12

Tgt Ion: 105 Resp: 522113

Ion Ratio Lower Upper

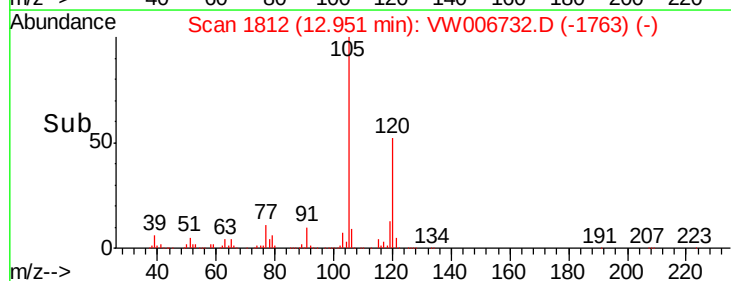
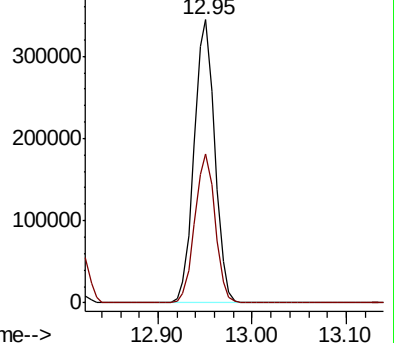
105 100

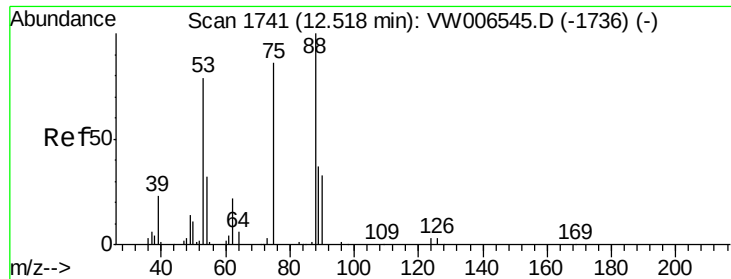
120 51.7 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





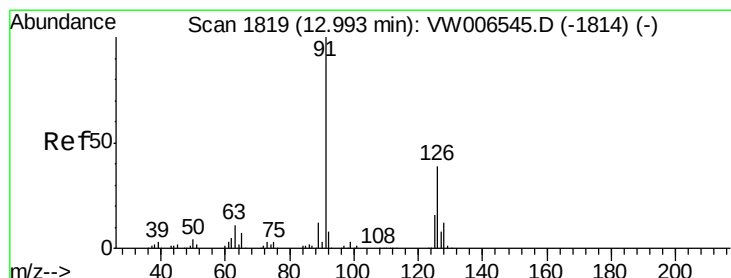
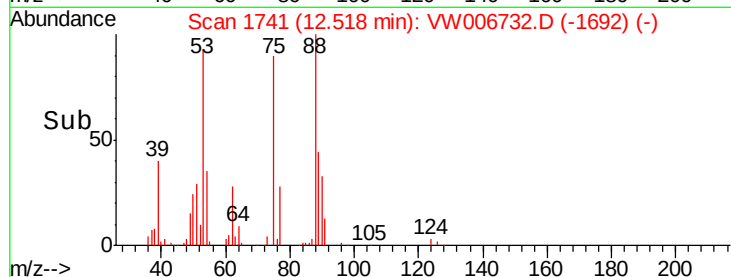
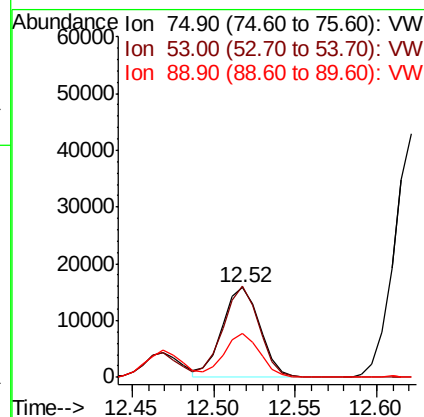
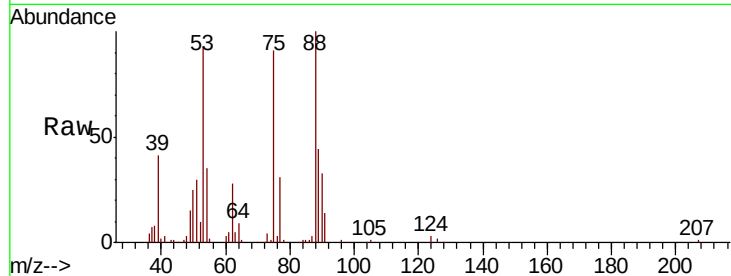
#81
trans-1,4-Dichloro-2-butene
Concen: 49.997 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.1	77.2	115.8
89	46.0	38.6	58.0

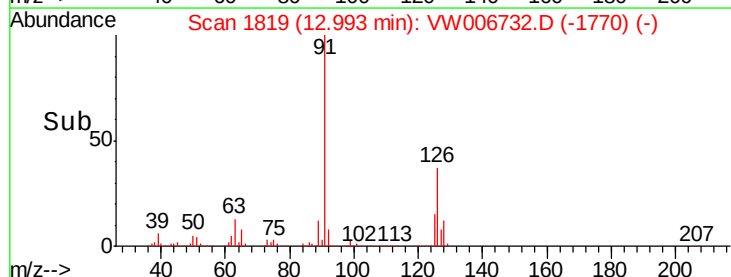
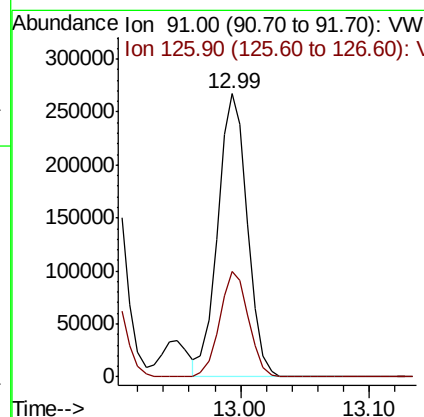
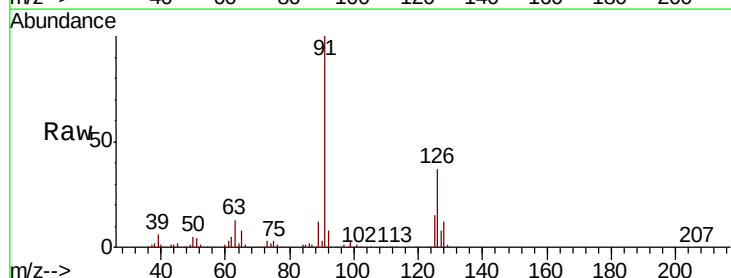
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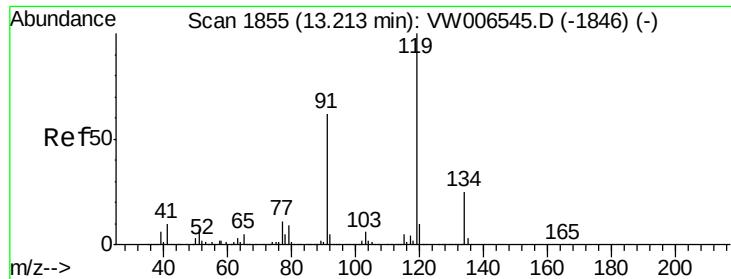
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#82
4-Chlorotoluene
Concen: 55.332 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.7	18.5	55.5





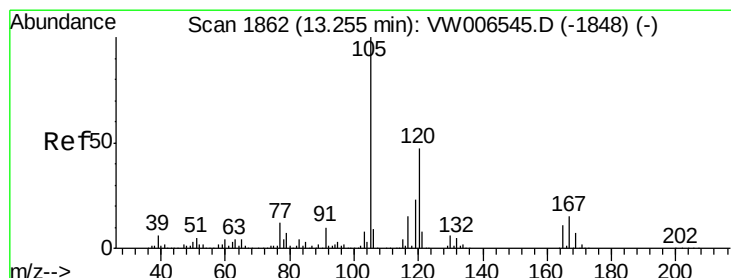
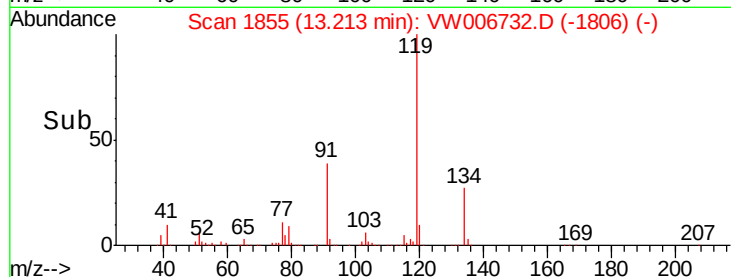
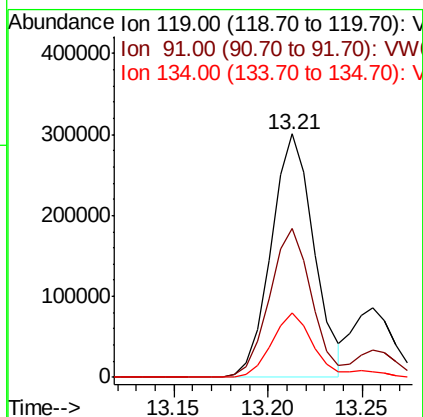
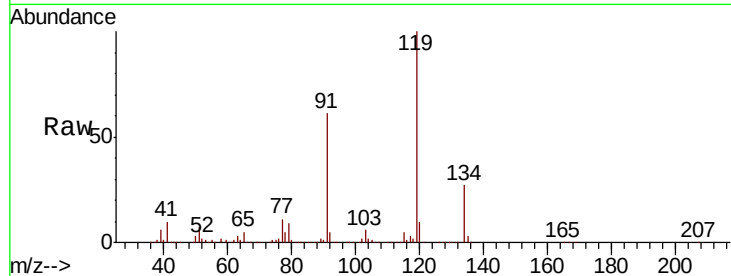
#83
tert-Butylbenzene
Concen: 56.796 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.8	30.4	91.3
134	25.4	13.5	40.4

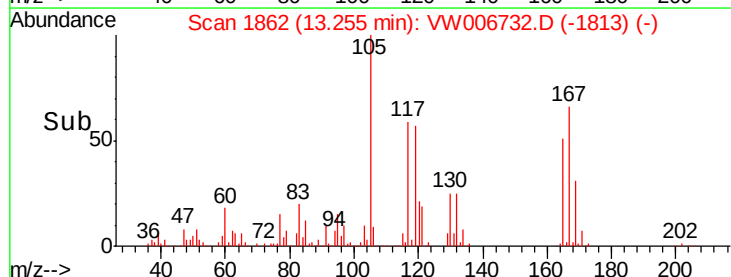
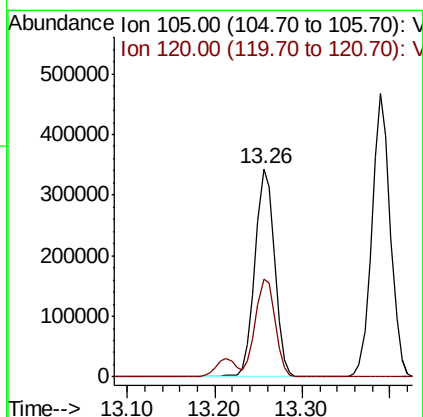
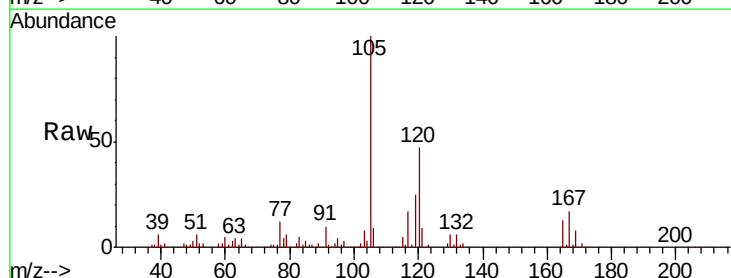
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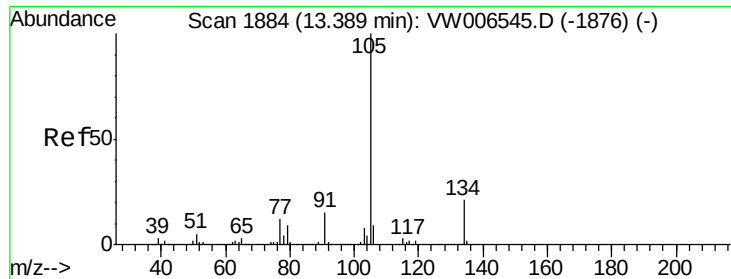
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#84
1,2,4-Trimethylbenzene
Concen: 55.676 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.2	69.6





#85

sec-Butylbenzene

Concen: 58.899 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 686653

Ion Ratio Lower Upper

105 100

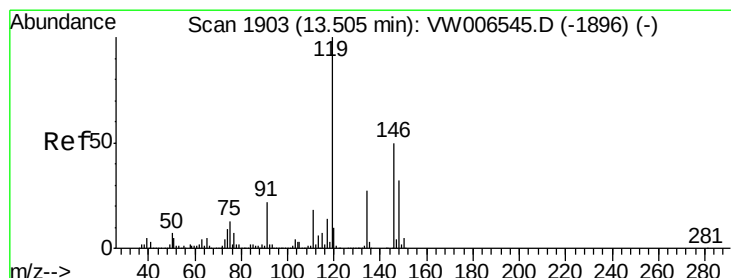
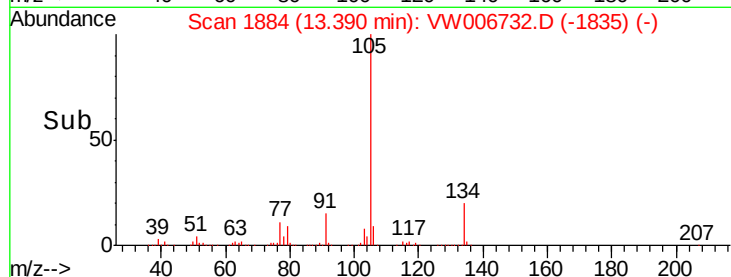
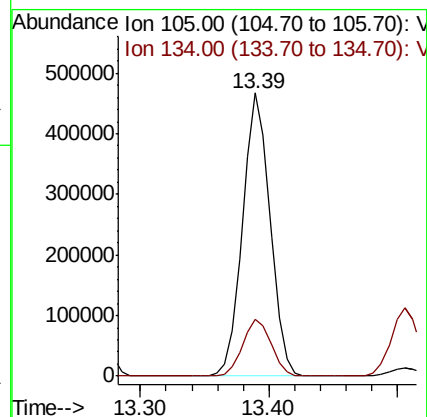
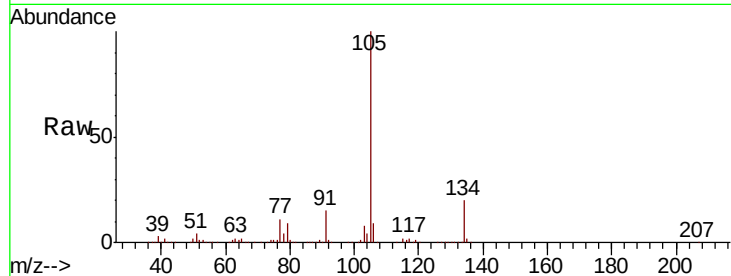
134 20.9 10.6 31.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 58.098 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

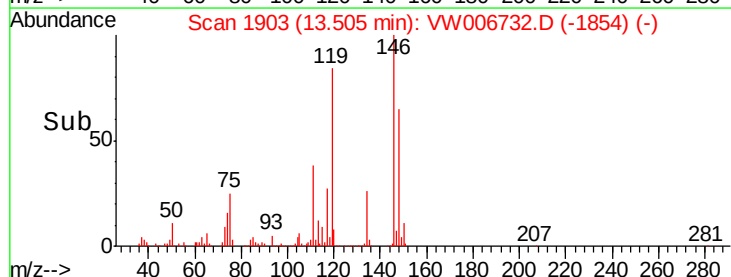
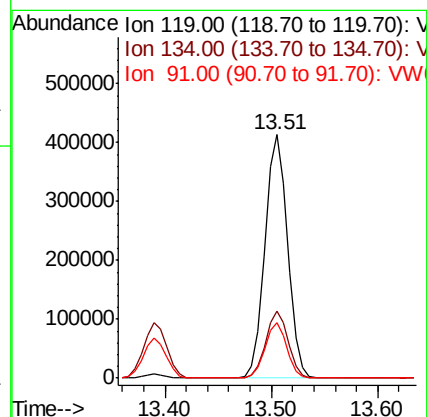
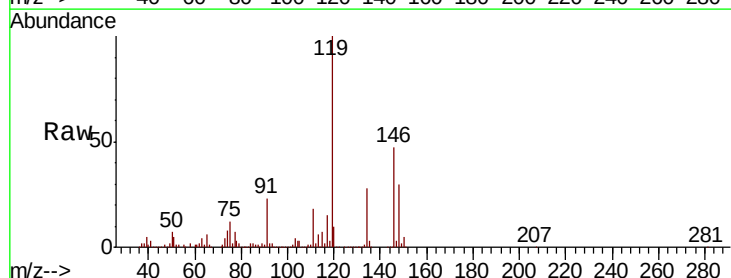
Tgt Ion:119 Resp: 616297

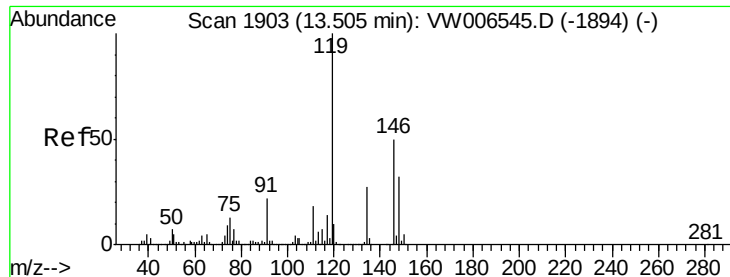
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 22.1 10.9 32.6





#87

1,3-Dichlorobenzene

Concen: 55.214 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

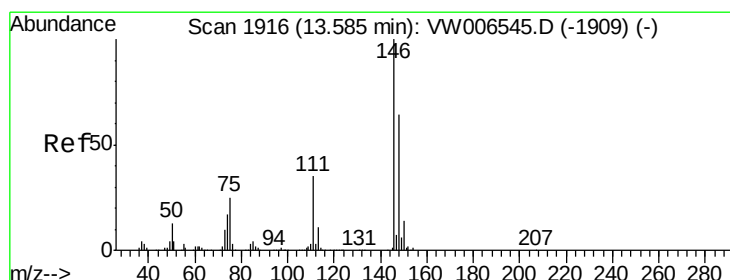
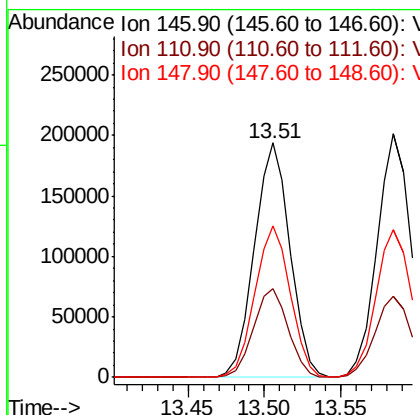
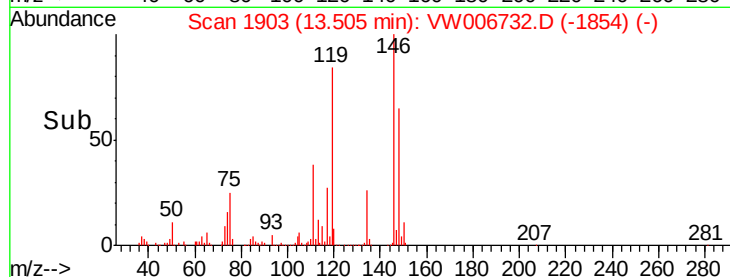
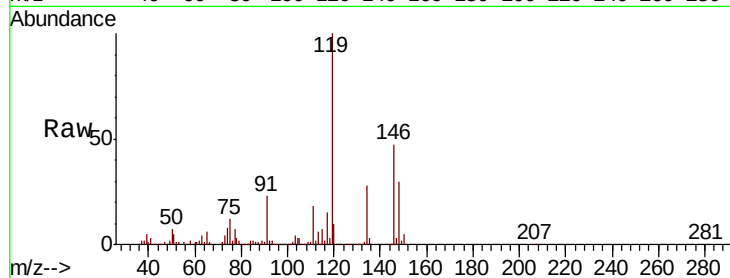
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.6
148	64.3	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 55.228 ug/l

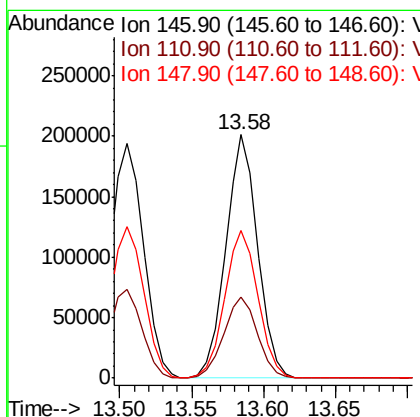
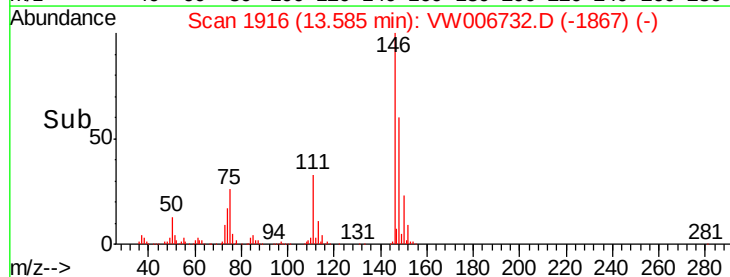
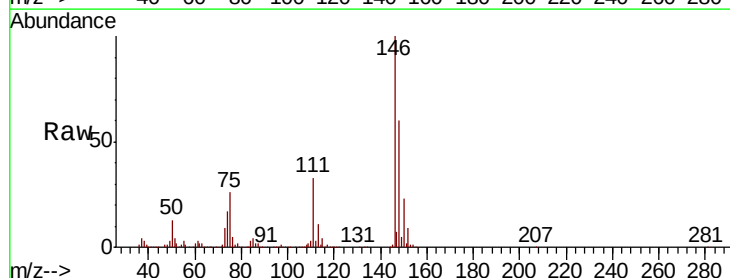
RT: 13.58 min Scan# 1916

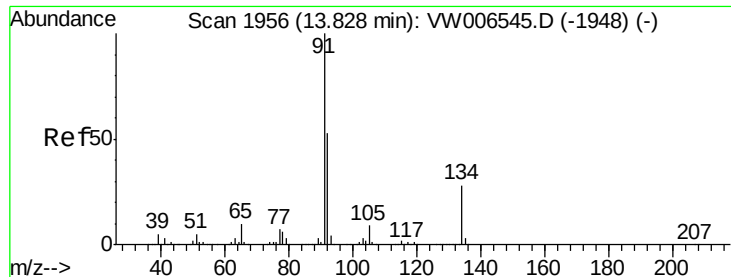
Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.4	17.9	53.7
148	63.3	32.1	96.5





#89

n-Butylbenzene

Concen: 59.774 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

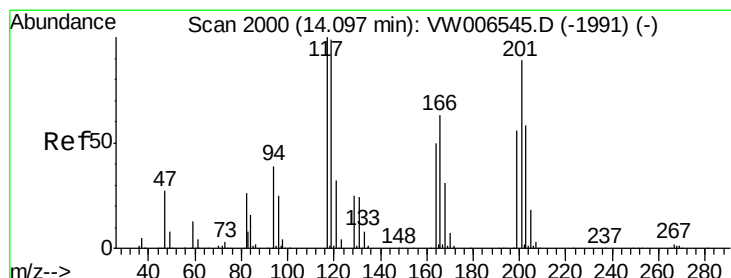
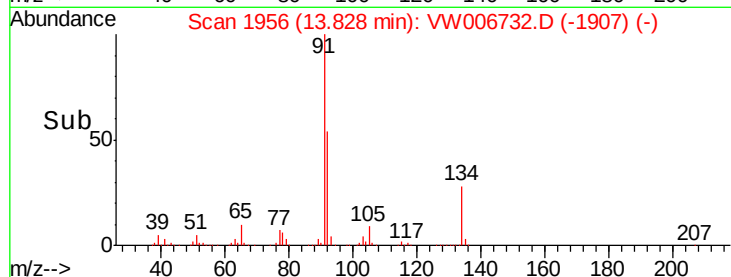
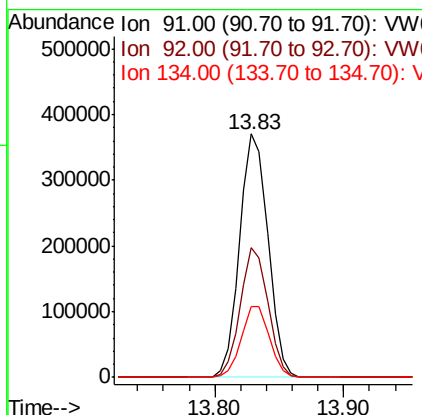
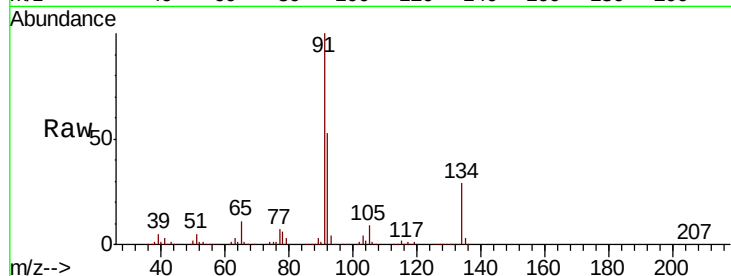
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	562860
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.4	79.0
134	28.7	14.3	42.9

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#90

Hexachloroethane

Concen: 58.469 ug/l

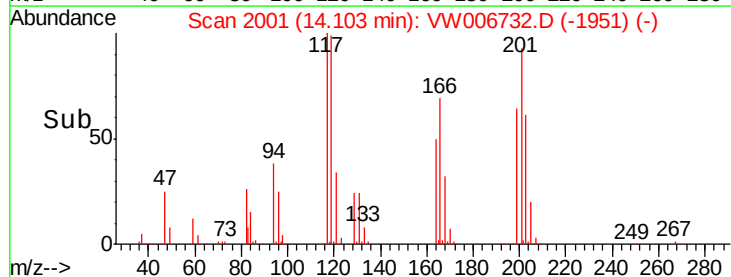
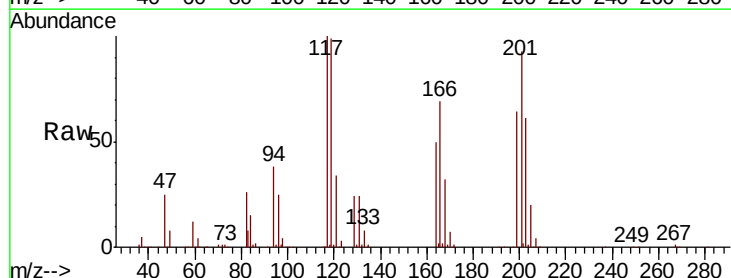
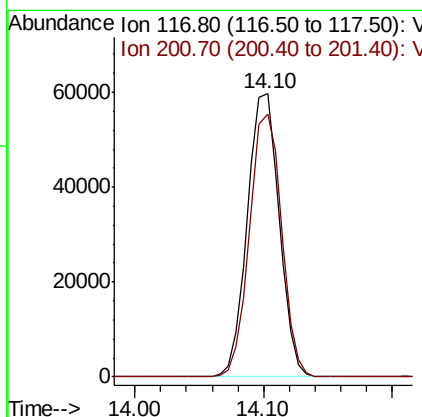
RT: 14.10 min Scan# 2001

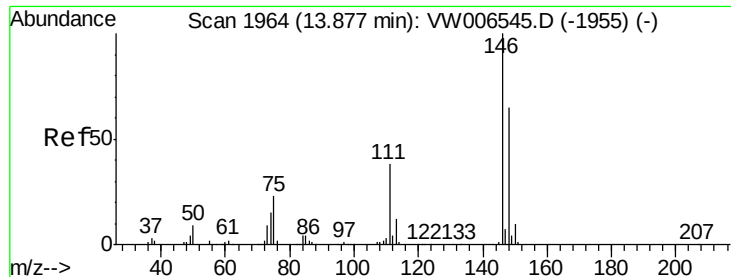
Delta R.T. 0.01 min

Lab File: VW006732.D

Acq: 07 Nov 2018 13:12

Tgt Ion:	117	Resp:	101938
Ion	Ratio	Lower	Upper
117	100		
201	93.0	46.8	140.3





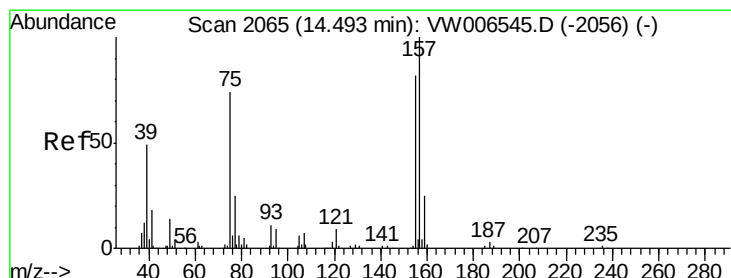
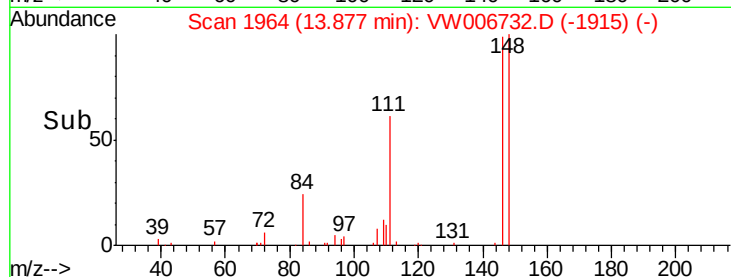
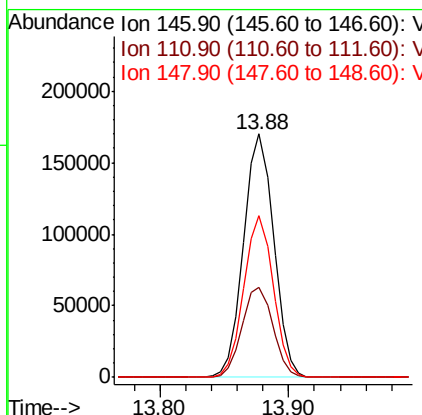
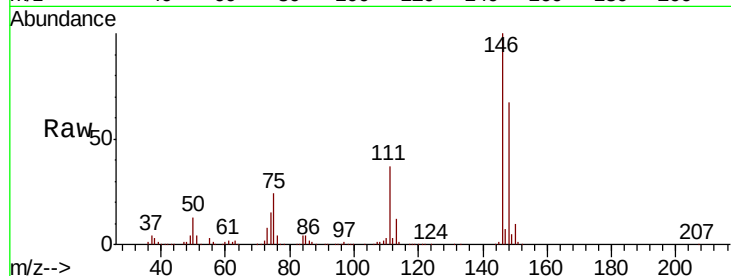
#91
 1,2-Dichlorobenzene
 Concen: 54.104 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006732.D
 Acq: 07 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.5
148	64.9	32.0	96.0

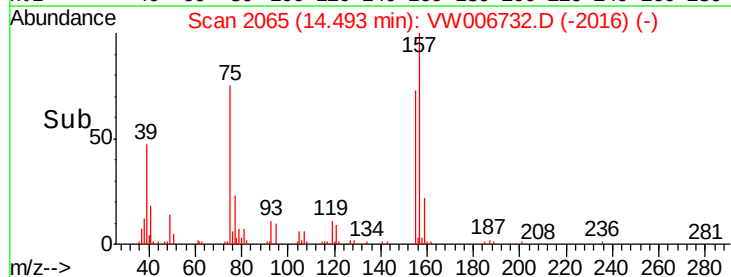
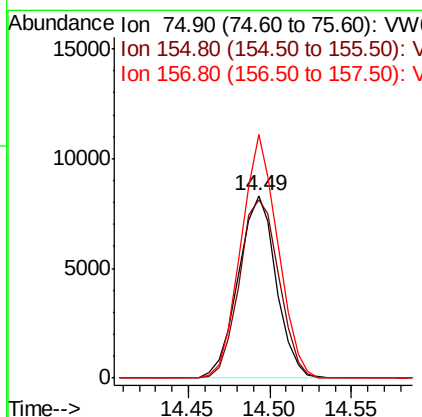
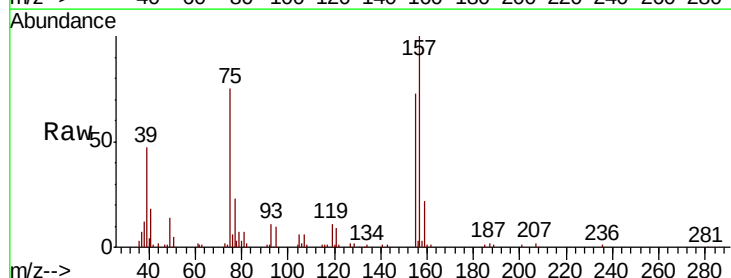
Manual Integrations
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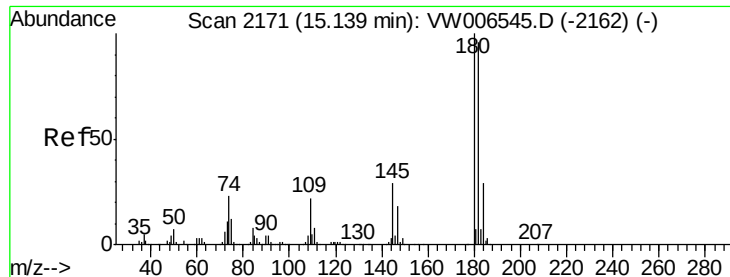
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.198 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006732.D
 Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.8	50.6	151.8
157	130.0	65.0	195.0





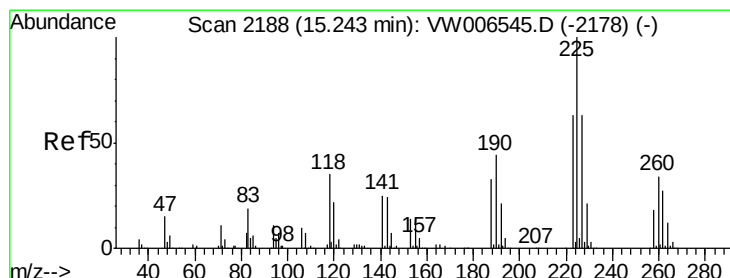
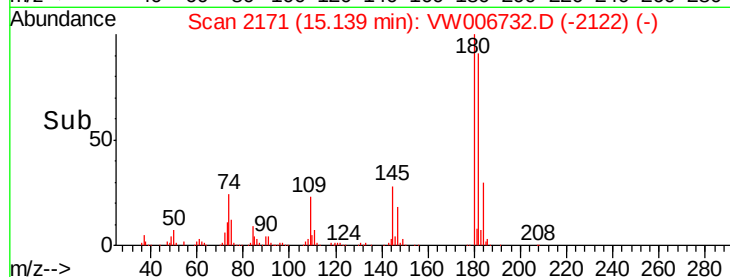
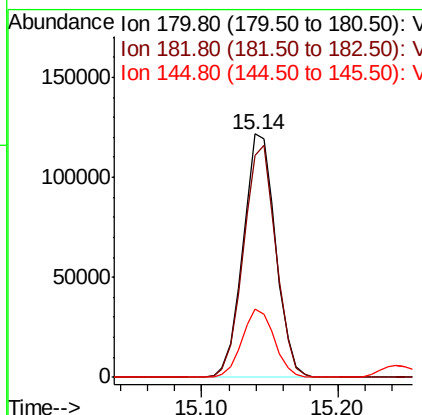
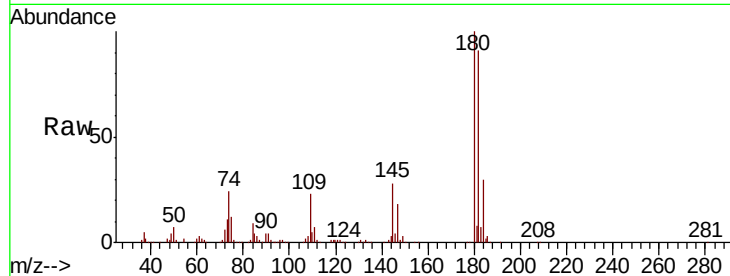
#93
 1,2,4-Trichlorobenzene
 Concen: 53.580 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006732.D
 Acq: 07 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	47.5	142.6	
145	27.8	14.0	42.0	

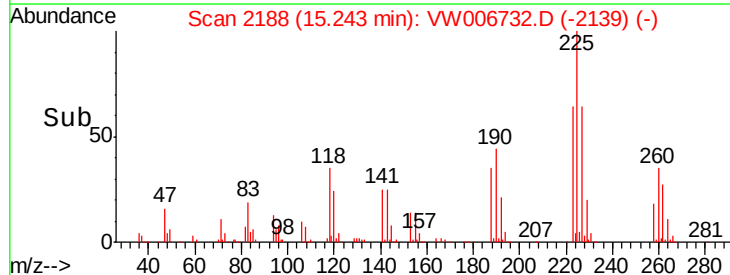
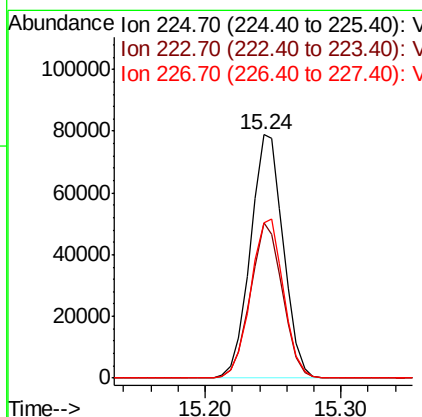
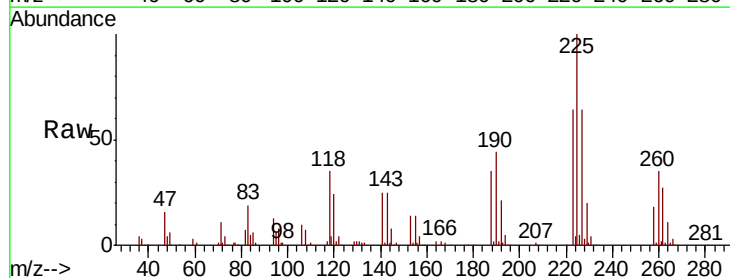
Manual Integrations
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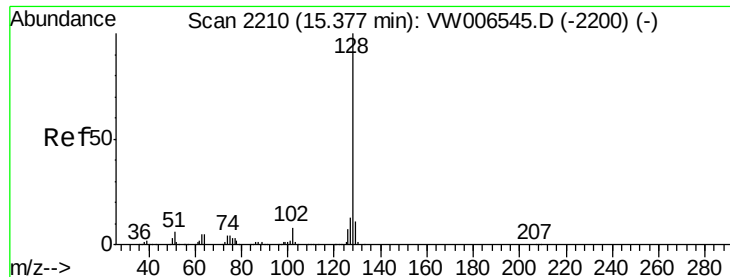
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#94
 Hexachlorobutadiene
 Concen: 56.530 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006732.D
 Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	31.4	94.2	
227	65.3	32.2	96.6	





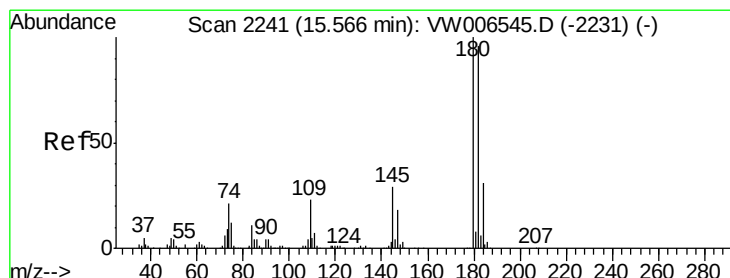
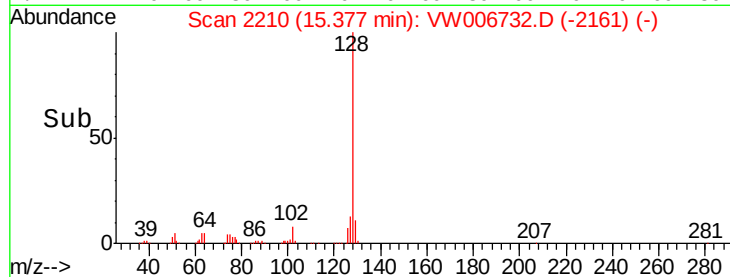
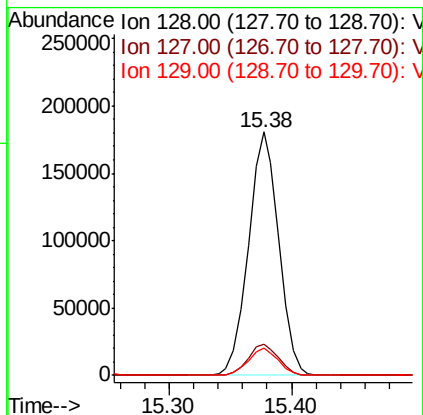
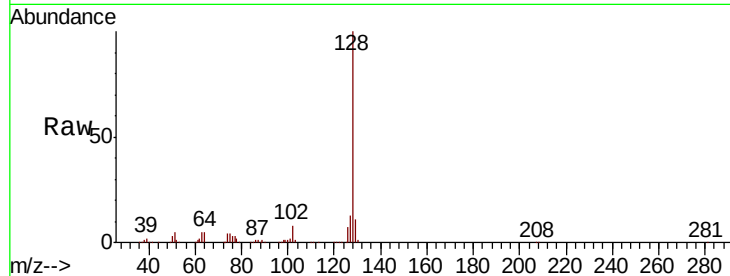
#95
Naphthalene
Concen: 50.863 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
11/8/2018 11:03:16 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.110 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006732.D
Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.2	144.6
145	29.2	14.9	44.5

