

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011532.D
 Acq On : 26 Jul 2019 22:16
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBL02

Quant Time: Jul 27 05:34:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	357538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153610	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	136506	56.41	ug/l	0.00
Spiked Amount			Recovery	=	112.82%	
35) Dibromofluoromethane	7.88	113	109919	54.80	ug/l	0.00
Spiked Amount			Recovery	=	109.60%	
50) Toluene-d8	10.32	98	438946	53.45	ug/l	0.00
Spiked Amount			Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.62	95	156437	53.43	ug/l	0.00
Spiked Amount			Recovery	=	106.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	56968	48.501	ug/l	98
3) Chloromethane	2.21	50	94712	46.502	ug/l	99
4) Vinyl Chloride	2.36	62	119187	48.607	ug/l	100
5) Bromomethane	2.77	94	64390	47.441	ug/l	99
6) Chloroethane	2.92	64	68183	48.679	ug/l	95
7) Trichlorofluoromethane	3.25	101	49976	45.604	ug/l	99
8) Diethyl Ether	3.68	74	66520	53.537	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	100840	48.508	ug/l	98
10) Methyl Iodide	4.28	142	153990	52.418	ug/l	99
11) Tert butyl alcohol	5.17	59	46998	264.158	ug/l	99
12) 1,1-Dichloroethene	4.04	96	107653	49.047	ug/l	96
13) Acrolein	3.89	56	36949	212.784	ug/l	99
14) Allyl chloride	4.66	41	237913	50.963	ug/l	100
15) Acrylonitrile	5.37	53	170071	274.201	ug/l	99
16) Acetone	4.12	43	166095	215.761	ug/l	100
17) Carbon Disulfide	4.39	76	337402	49.114	ug/l	98
18) Methyl Acetate	4.67	43	104006	60.141	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	193155	55.455	ug/l	99
20) Methylene Chloride	4.92	84	128325	48.335	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	120808	51.052	ug/l	99
22) Diisopropyl ether	6.31	45	467967	53.169	ug/l	99
23) Vinyl Acetate	6.25	43	1461144	264.196	ug/l	100
24) 1,1-Dichloroethane	6.21	63	245301	52.038	ug/l	99
25) 2-Butanone	7.17	43	256917	255.050	ug/l	98
26) 2,2-Dichloropropane	7.17	77	129806	44.777	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	132934	51.042	ug/l	99
28) Bromochloromethane	7.51	49	112108	53.581	ug/l	100
29) Tetrahydrofuran	7.52	42	159120	276.350	ug/l	99
30) Chloroform	7.67	83	223070	51.294	ug/l	97
31) Cyclohexane	7.95	56	205486	45.413	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	166690	50.330	ug/l	99
36) 1,1-Dichloropropene	8.08	75	175853	47.301	ug/l	99
37) Ethyl Acetate	7.25	43	110691	51.751	ug/l	98
38) Carbon Tetrachloride	8.07	117	149006	46.818	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	191076	46.676	ug/l	98
40) Benzene	8.32	78	513636	49.324	ug/l	100
41) Methacrylonitrile	7.48	41	67173	52.537	ug/l	97
42) 1,2-Dichloroethane	8.40	62	163599	50.178	ug/l	100
43) Isopropyl Acetate	8.42	43	205329	52.198	ug/l	100
44) Trichloroethene	9.09	130	120096	47.983	ug/l	98
45) 1,2-Dichloropropane	9.37	63	140058	50.266	ug/l	100
46) Dibromomethane	9.46	93	65831	51.765	ug/l	99
47) Bromodichloromethane	9.65	83	169124	50.698	ug/l	99
48) Methyl methacrylate	9.43	41	101717	53.831	ug/l	100
49) 1,4-Dioxane	9.45	88	19780	1074.188	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	545750	266.730	ug/l	100
52) Toluene	10.39	92	308584	49.069	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	176462	50.638	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	208847	50.405	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	91732	50.838	ug/l	98
56) Ethyl methacrylate	10.65	69	141374	53.542	ug/l	99
57) 1,3-Dichloropropane	10.93	76	176185	51.610	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	397385	331.470	ug/l	100
59) 2-Hexanone	10.97	43	374811	259.446	ug/l	99
60) Dibromochloromethane	11.13	129	101935	50.893	ug/l	100
61) 1,2-Dibromoethane	11.24	107	87142	51.033	ug/l	99
64) Tetrachloroethene	10.86	164	100093	48.196	ug/l	97
65) Chlorobenzene	11.66	112	315763	49.241	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	109946	49.222	ug/l	98
67) Ethyl Benzene	11.73	91	590196	48.325	ug/l	100
68) m/p-Xylenes	11.84	106	429099	96.610	ug/l	99
69) o-Xylene	12.16	106	203646	49.340	ug/l	99
70) Styrene	12.18	104	359667	50.400	ug/l	100
71) Bromoform	12.35	173	57955	50.888	ug/l #	99
73) Isopropylbenzene	12.46	105	554477	48.385	ug/l	99
74) N-amyl acetate	12.27	43	185866	51.806	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	111904	51.914	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	146592	90.190	ug/l #	100
77) Bromobenzene	12.74	156	126959	50.123	ug/l	100
78) n-propylbenzene	12.80	91	673826	48.315	ug/l	100
79) 2-Chlorotoluene	12.89	91	391010	48.666	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	471447	49.078	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	35692	50.609	ug/l	98
82) 4-Chlorotoluene	12.99	91	415563	49.296	ug/l	99
83) tert-Butylbenzene	13.21	119	393793	49.022	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	478556	49.454	ug/l	99
85) sec-Butylbenzene	13.38	105	550999	48.071	ug/l	100
86) p-Isopropyltoluene	13.50	119	497569	47.844	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	242641	48.855	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	242030	48.989	ug/l	100
89) n-Butylbenzene	13.82	91	488506	47.070	ug/l	100
90) Hexachloroethane	14.09	117	88799	48.287	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	219147	49.889	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19654	53.469	ug/l	96

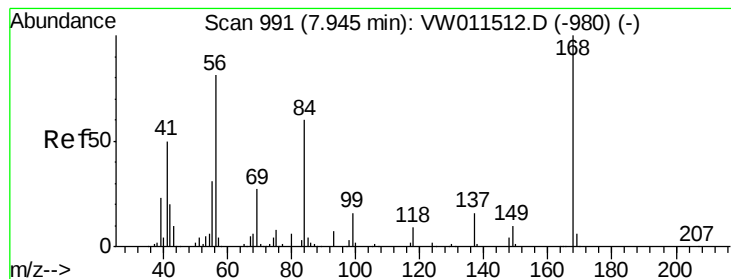
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	154373	49.865	ug/l	99
94) Hexachlorobutadiene	15.24	225	89227	46.217	ug/l	98
95) Naphthalene	15.37	128	297212	49.052	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	134511	49.568	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

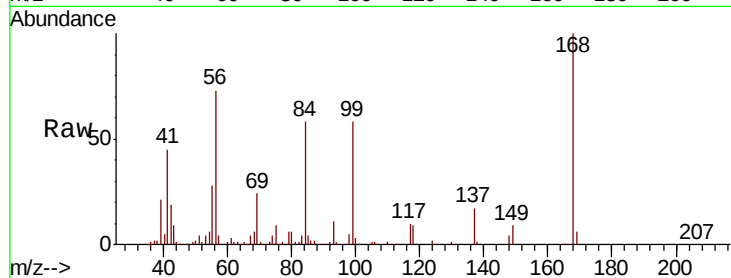
VW0727SBL02

Tot Ion:168 Resp: 210754

Ion Ratio Lower Upper

168 100

99 58.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

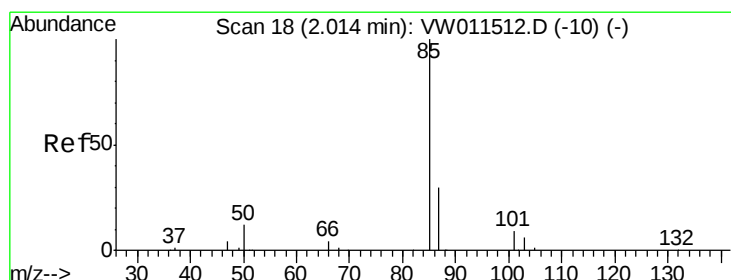
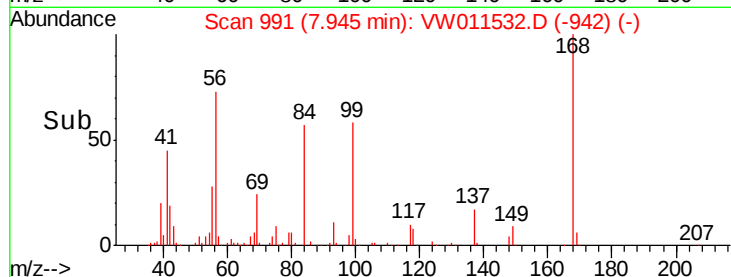
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 48.501 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011532.D

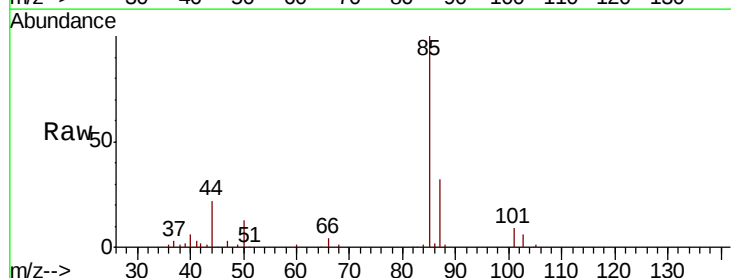
Acq: 26 Jul 2019 22:16

Tgt Ion: 85 Resp: 56968

Ion Ratio Lower Upper

85 100

87 31.6 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

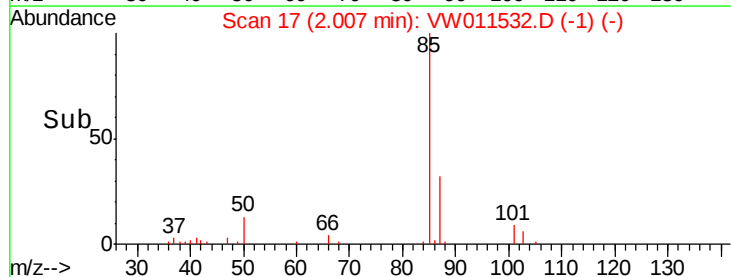
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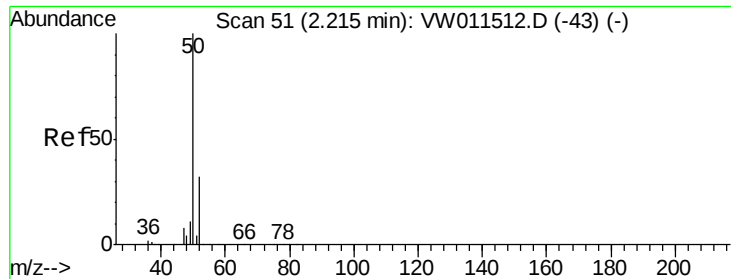
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 46.502 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

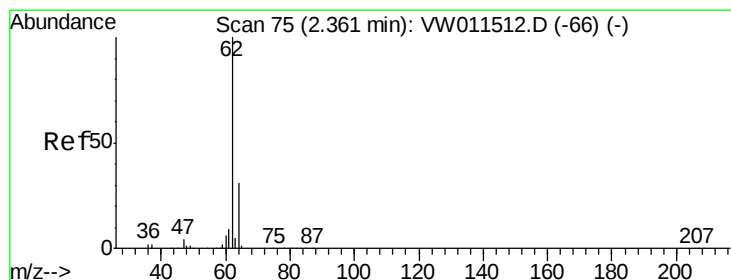
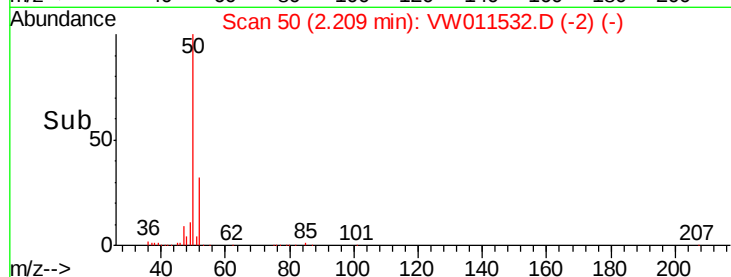
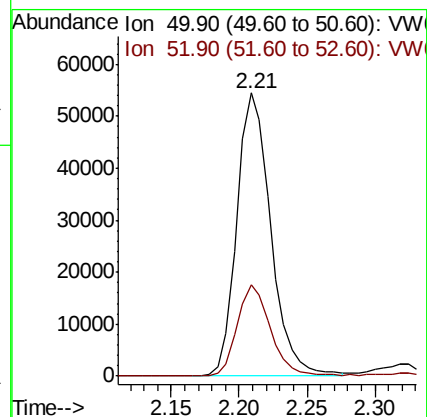
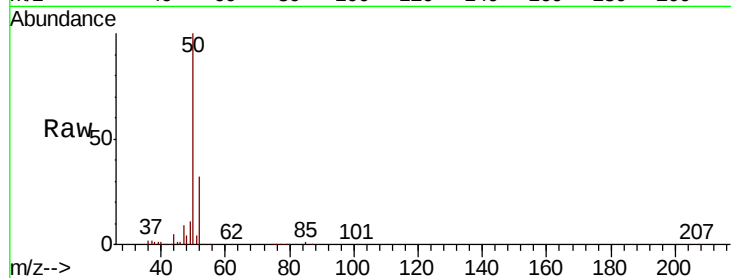
VW0727SBL02

Tot Ion: 50 Resp: 94712

Ion Ratio Lower Upper

50 100

52 32.4 25.4 38.2



#4

Vinyl Chloride

Concen: 48.607 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011532.D

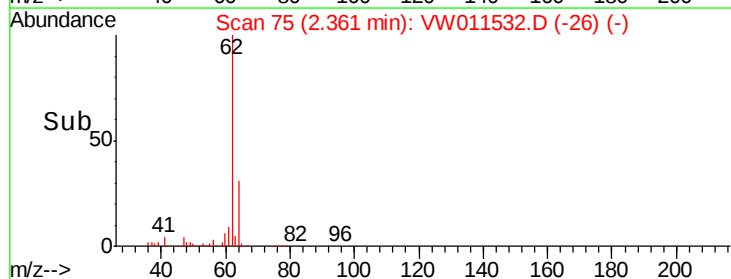
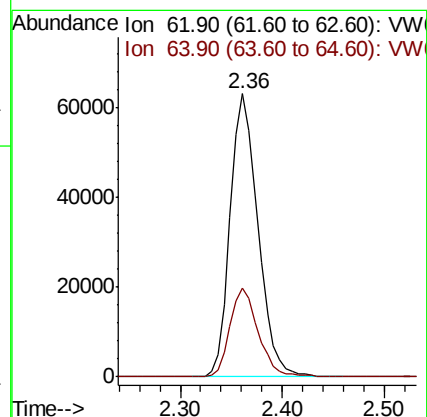
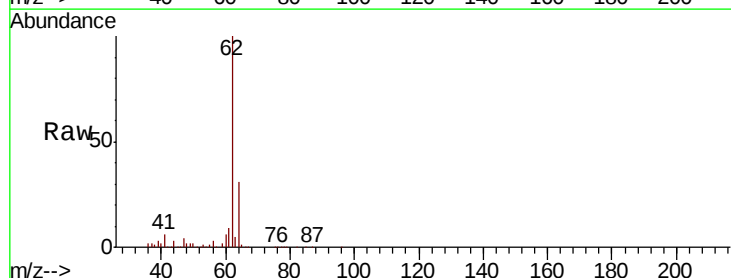
Acq: 26 Jul 2019 22:16

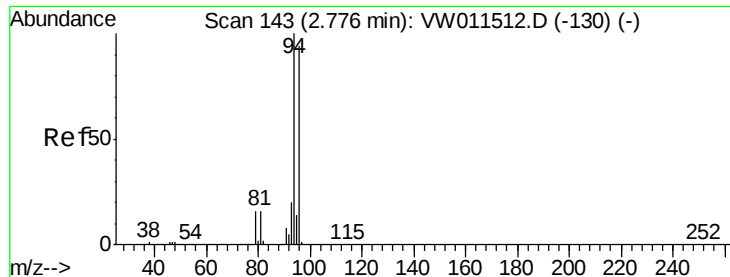
Tgt Ion: 62 Resp: 119187

Ion Ratio Lower Upper

62 100

64 31.0 25.0 37.4





#5

Bromomethane

Concen: 47.441 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

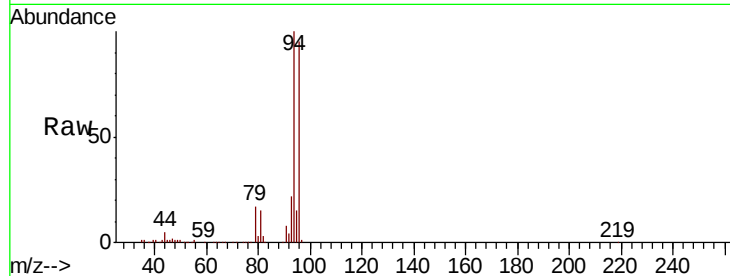
VW0727SBL02

Tot Ion: 94 Resp: 64390

Ion Ratio Lower Upper

94 100

96 95.0 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

30000

25000

20000

15000

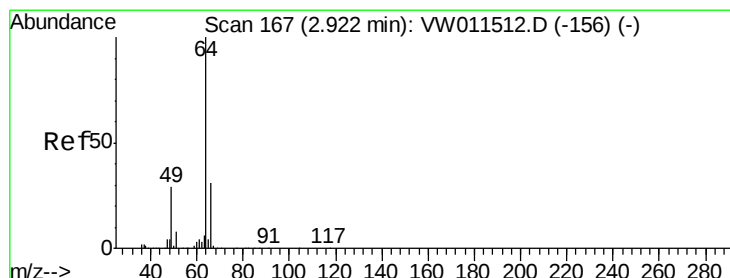
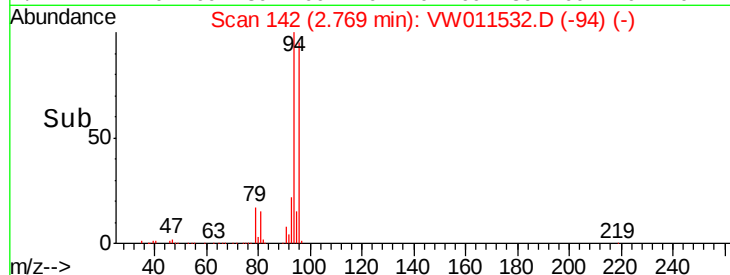
10000

5000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 48.679 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW011532.D

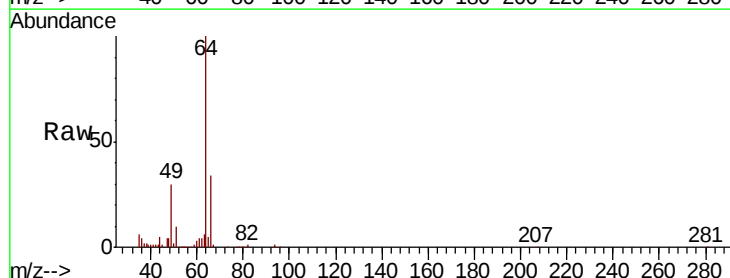
Acq: 26 Jul 2019 22:16

Tgt Ion: 64 Resp: 68183

Ion Ratio Lower Upper

64 100

66 33.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

30000

25000

20000

15000

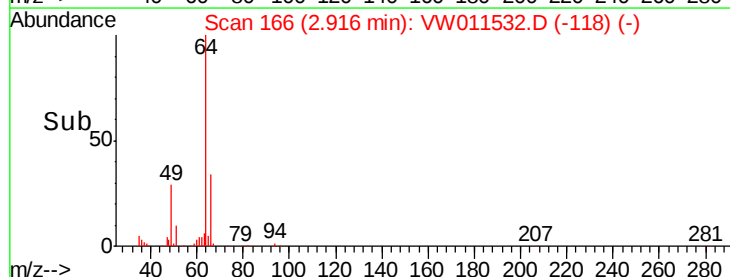
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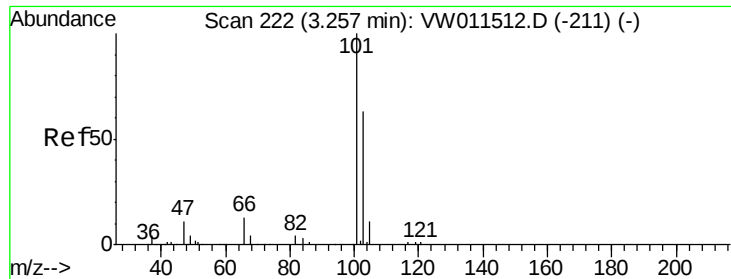
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Time-->

2.80 2.90 3.00 3.10



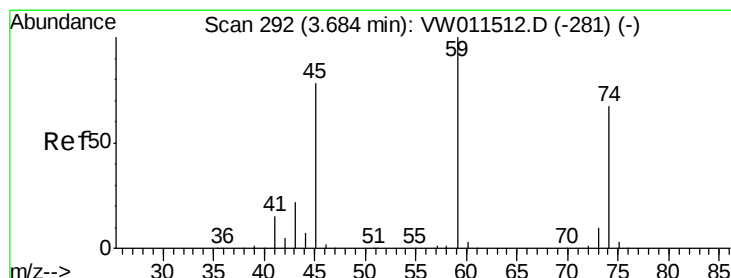
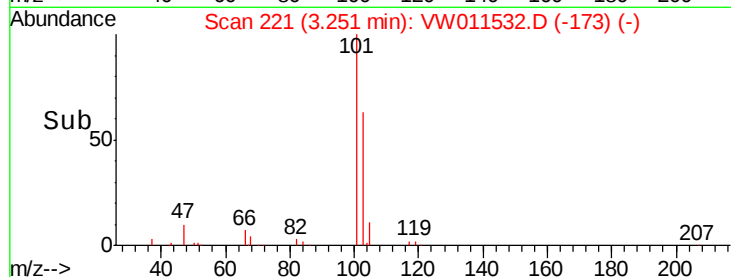
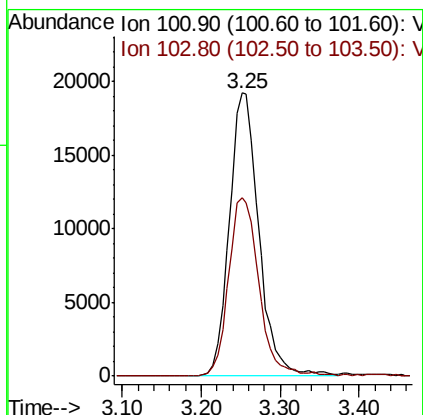
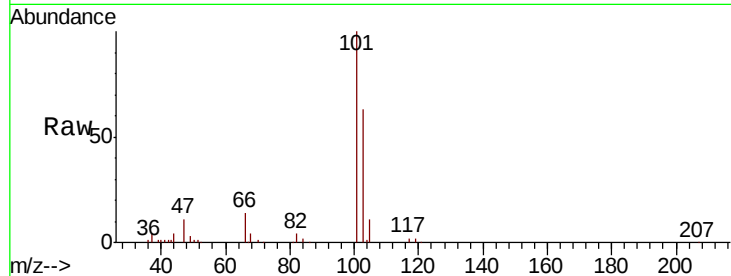


#7

Trichlorofluoromethane
Concen: 45.604 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

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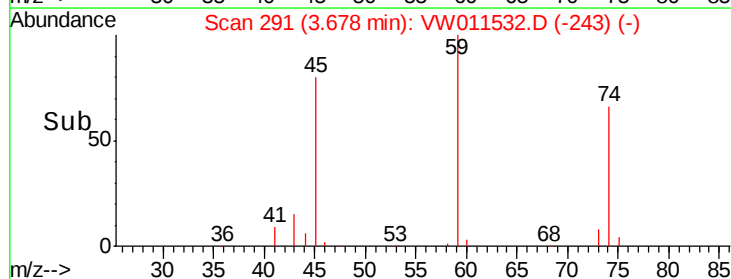
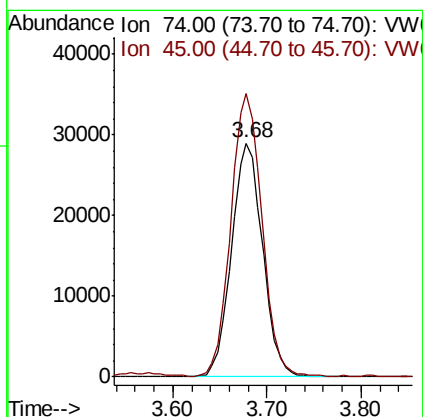
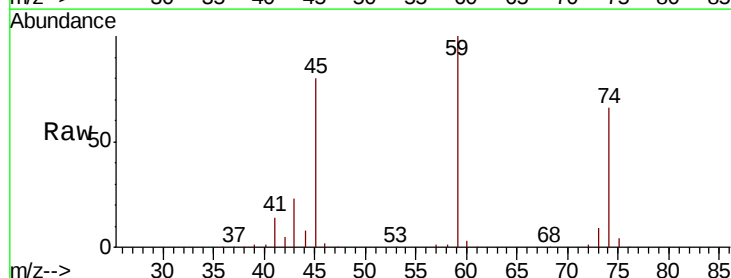
Tot Ion:101 Resp: 49976
Ion Ratio Lower Upper
101 100
103 63.2 50.2 75.4

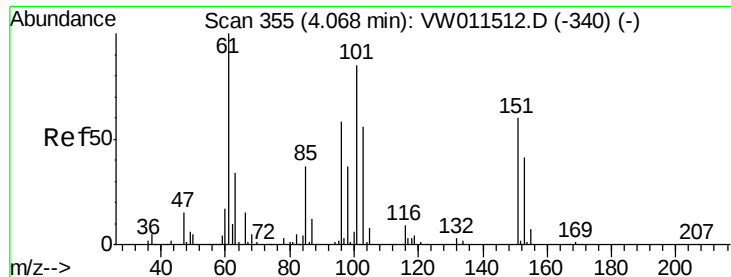


#8

Diethyl Ether
Concen: 53.537 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

Tgt Ion: 74 Resp: 66520
Ion Ratio Lower Upper
74 100
45 120.0 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.508 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBL02

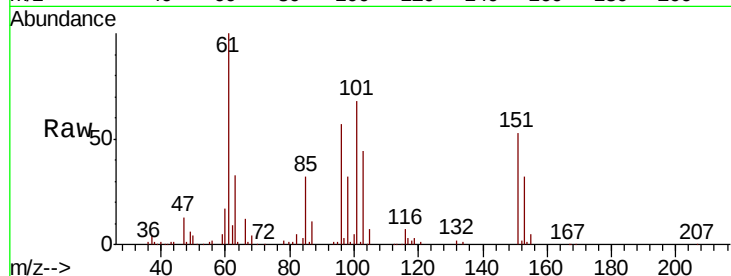
Tot Ion:101 Resp: 100840

Ion Ratio Lower Upper

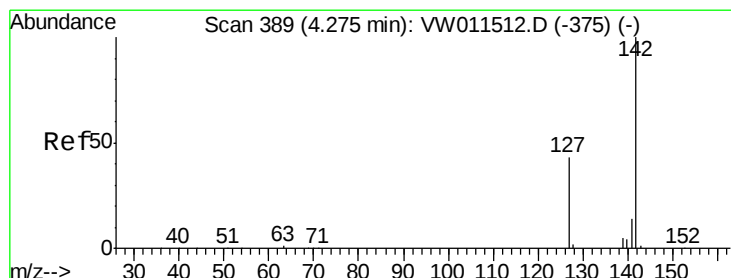
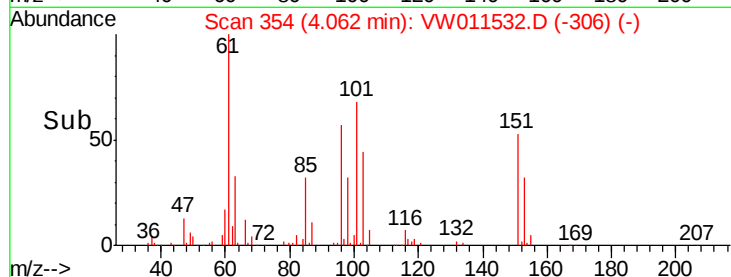
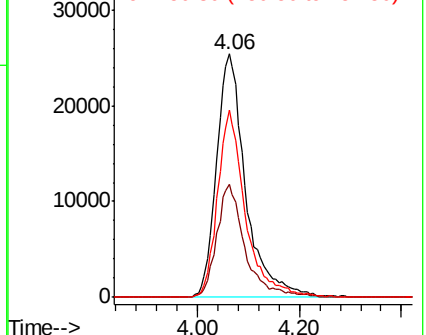
101 100

85 45.1 36.6 54.8

151 73.5 60.2 90.2



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: 52.418 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

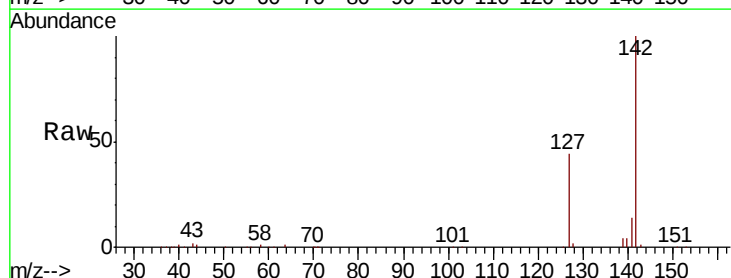
Tgt Ion:142 Resp: 153990

Ion Ratio Lower Upper

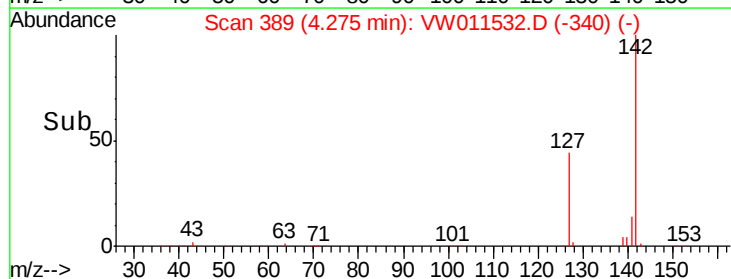
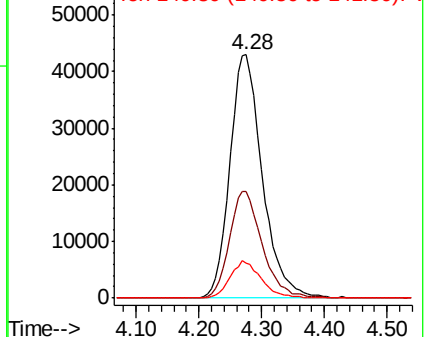
142 100

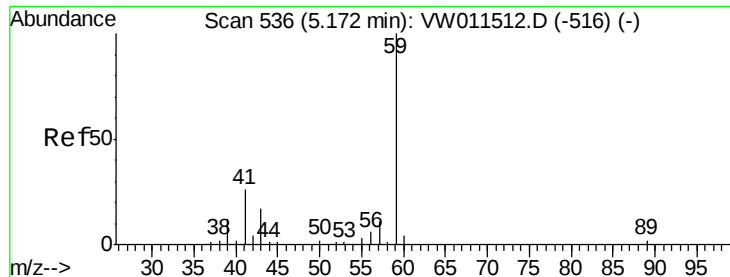
127 44.3 35.0 52.6

141 14.7 11.9 17.9



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

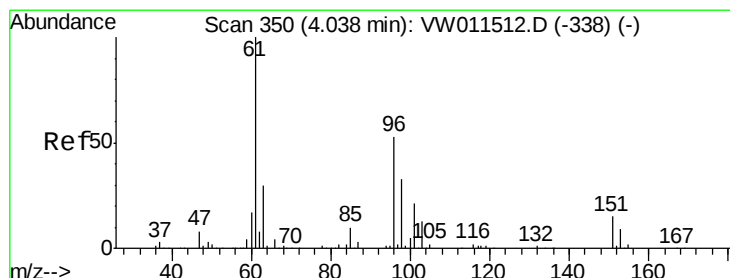
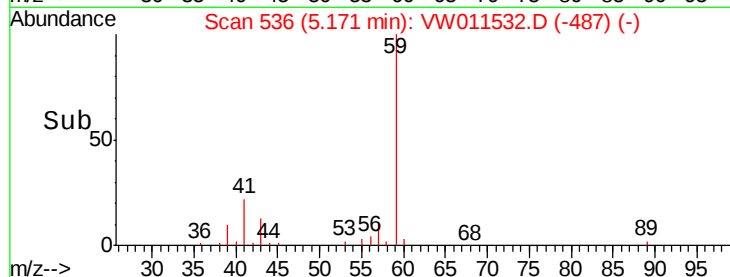
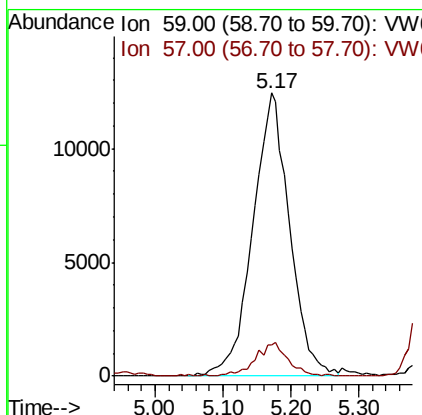
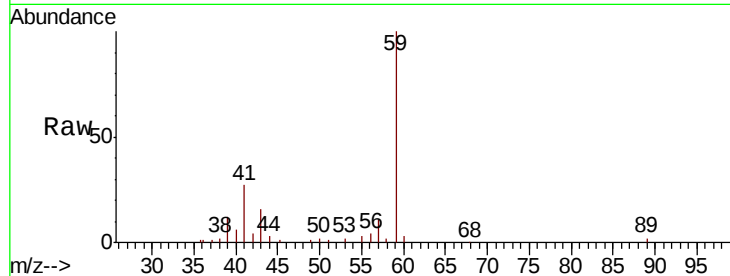




#11
Tert butyl alcohol
Concen: 264.158 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

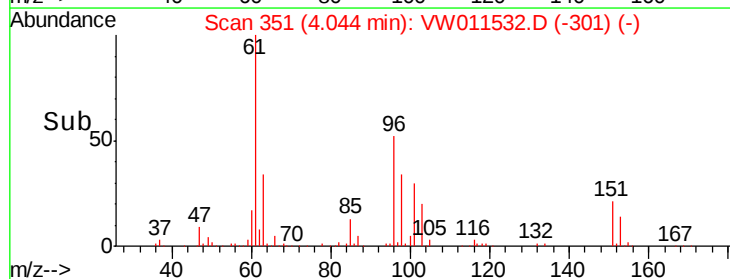
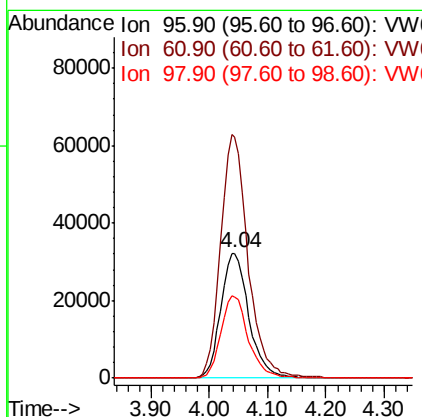
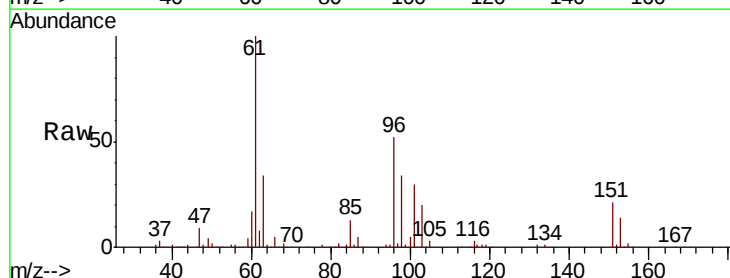
Instrument :
MSVOA_W
ClientSampled :
VW0727SBL02

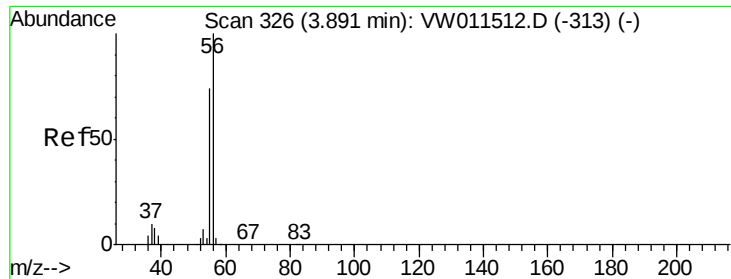
Tot Ion: 59 Resp: 46998
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7



#12
1,1-Dichloroethene
Concen: 49.047 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

Tgt Ion: 96 Resp: 107653
Ion Ratio Lower Upper
96 100
61 192.9 149.9 224.9
98 65.1 49.1 73.7

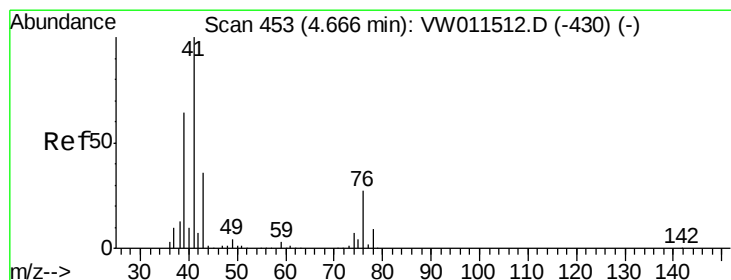
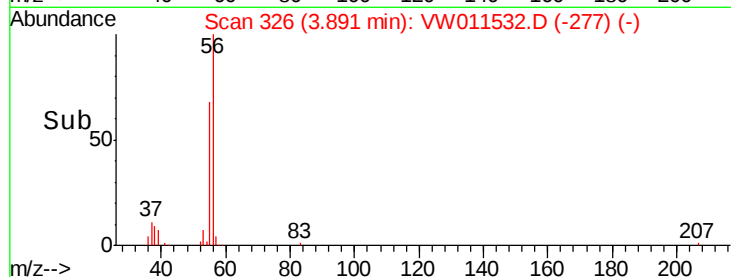
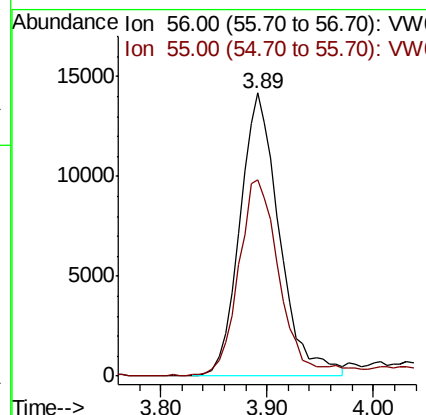
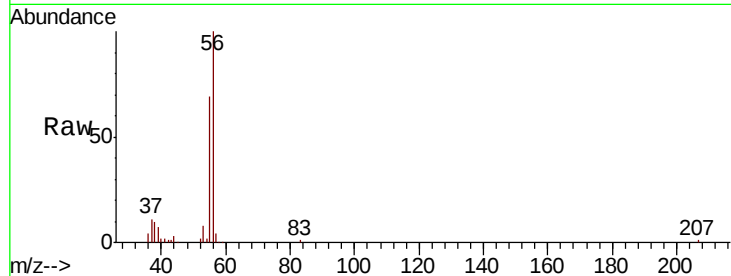




#13
 Acrolein
 Concen: 212.784 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VW011532.D
 Acq: 26 Jul 2019 22:16

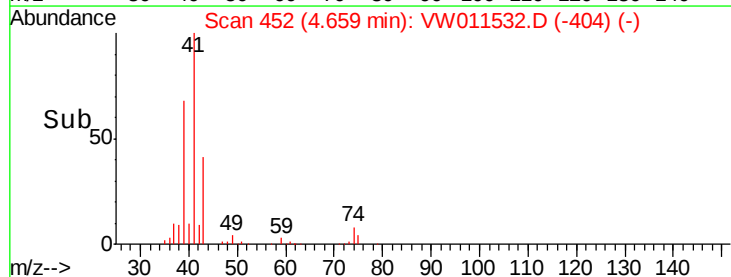
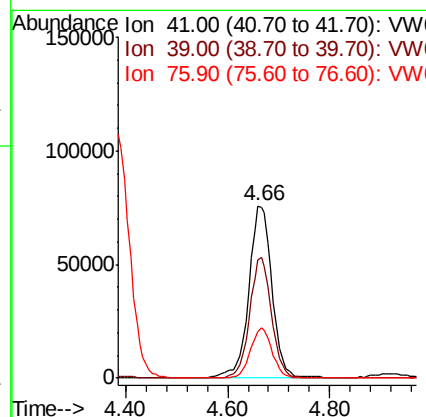
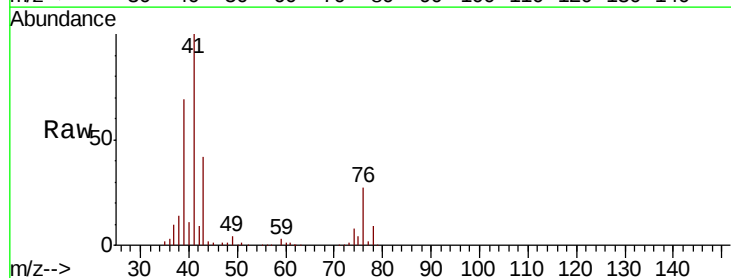
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBL02

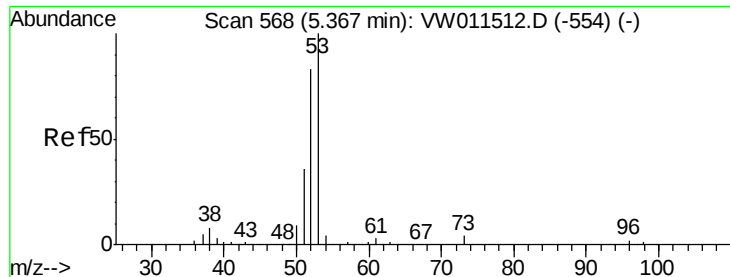
Tot Ion: 56 Resp: 36949
 Ion Ratio Lower Upper
 56 100
 55 70.4 56.0 84.0



#14
 Allyl chloride
 Concen: 50.963 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: VW011532.D
 Acq: 26 Jul 2019 22:16

Tgt Ion: 41 Resp: 237913
 Ion Ratio Lower Upper
 41 100
 39 65.5 52.6 78.8
 76 27.1 22.0 33.0





#15

Acrylonitrile

Concen: 274.201 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBL02

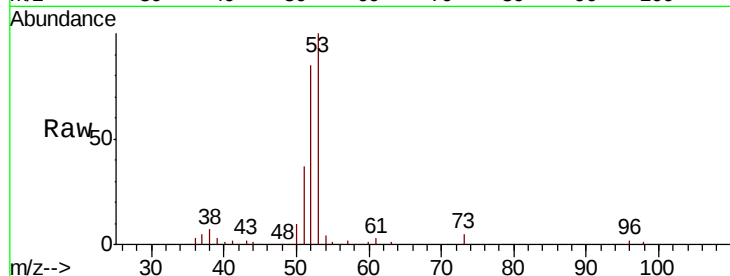
Tot Ion: 53 Resp: 170071

Ion Ratio Lower Upper

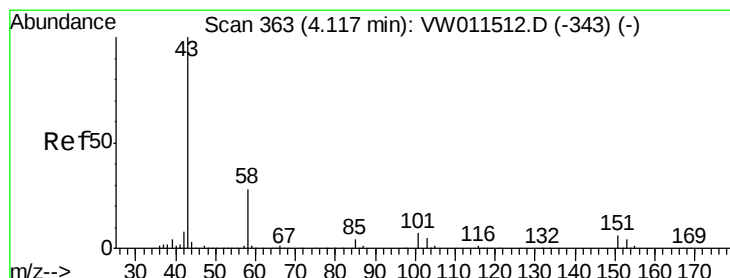
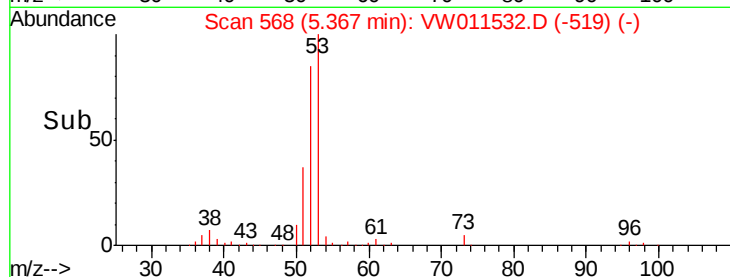
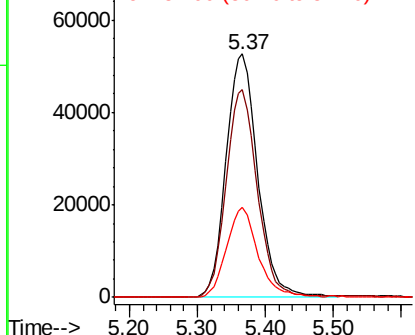
53 100

52 84.4 67.2 100.8

51 36.6 30.0 45.0



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 215.761 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011532.D

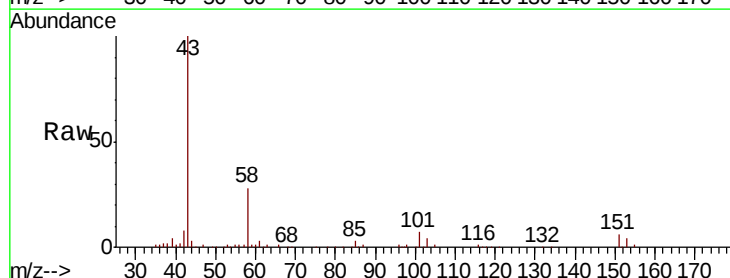
Acq: 26 Jul 2019 22:16

Tgt Ion: 43 Resp: 166095

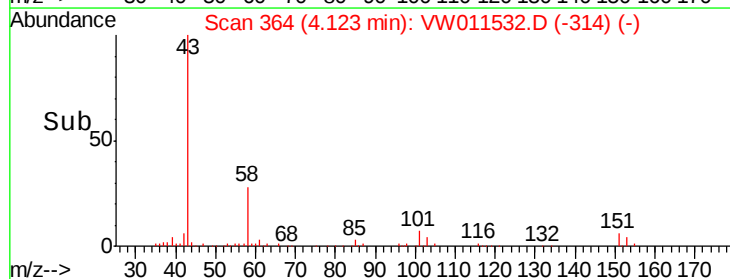
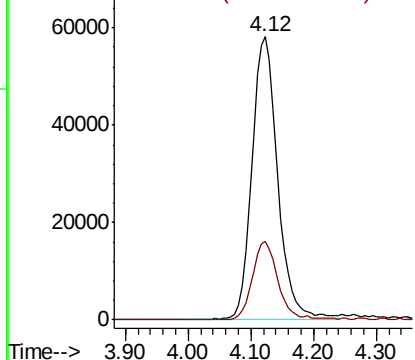
Ion Ratio Lower Upper

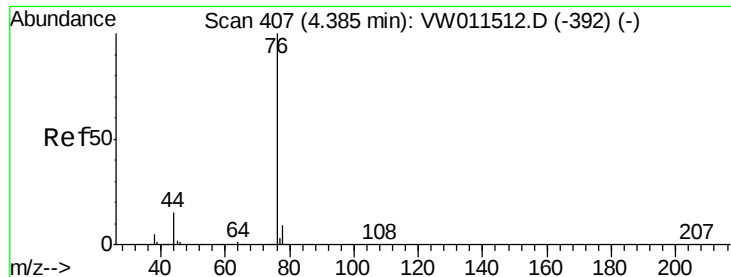
43 100

58 27.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

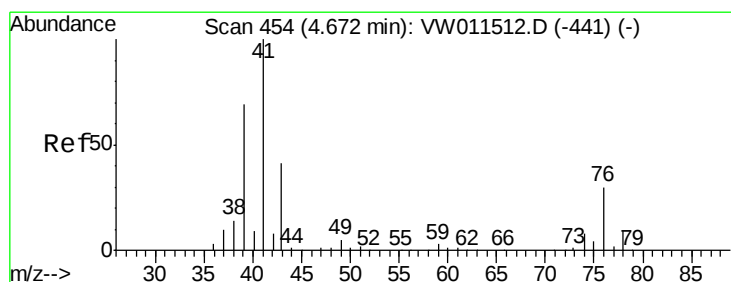
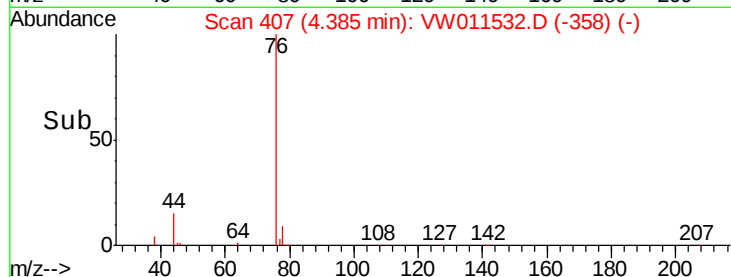
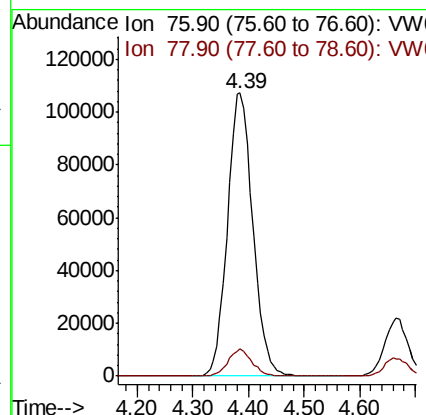
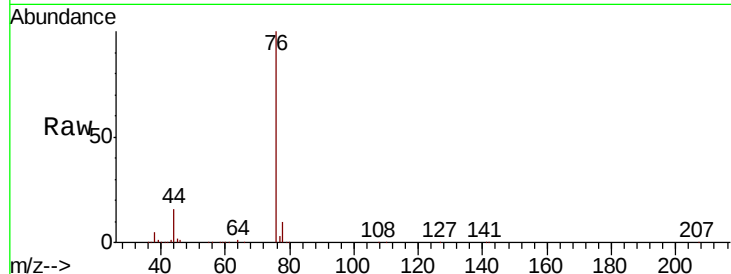




#17
Carbon Disulfide
Concen: 49.114 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

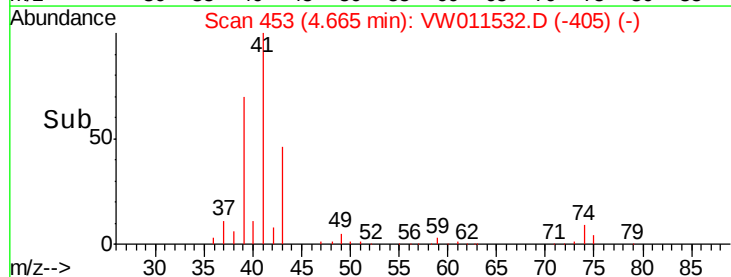
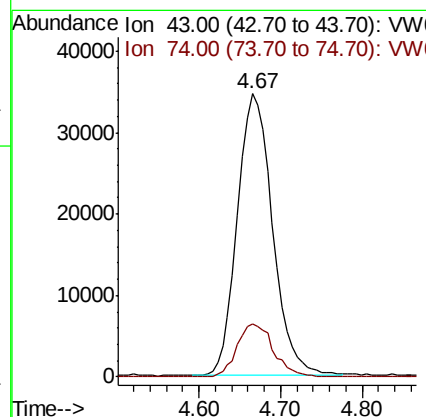
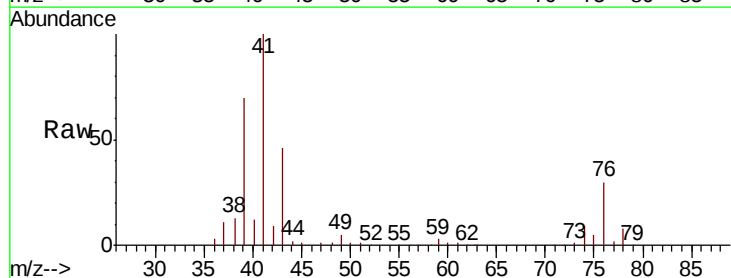
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBL02

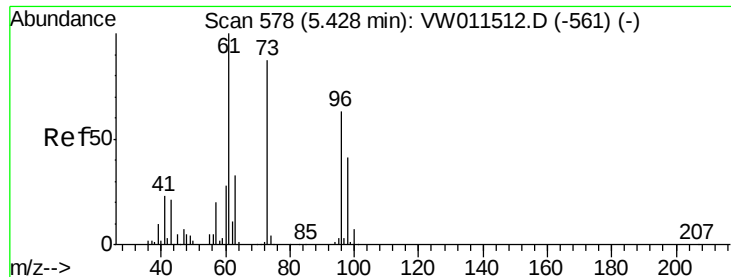
Tot Ion: 76 Resp: 337402
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#18
Methyl Acetate
Concen: 60.141 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

Tgt Ion: 43 Resp: 104006
Ion Ratio Lower Upper
43 100
74 19.3 15.9 23.9

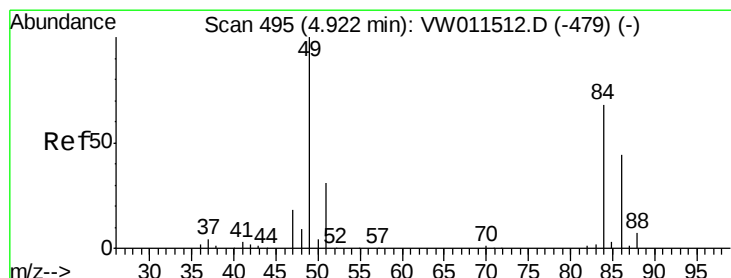
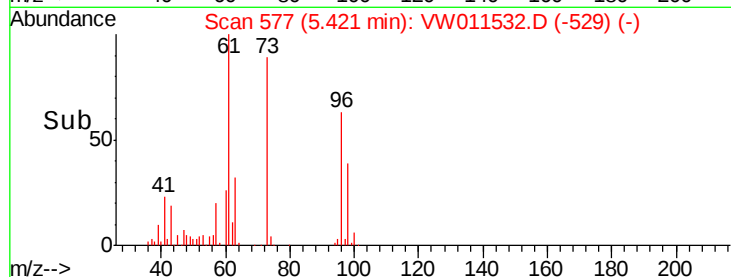
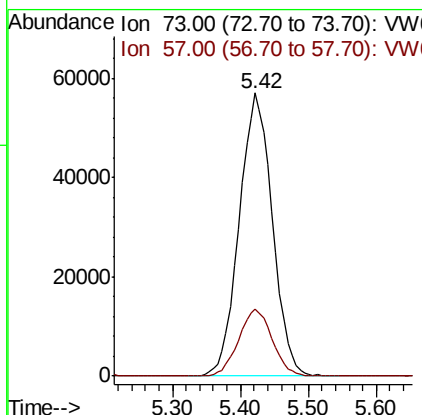
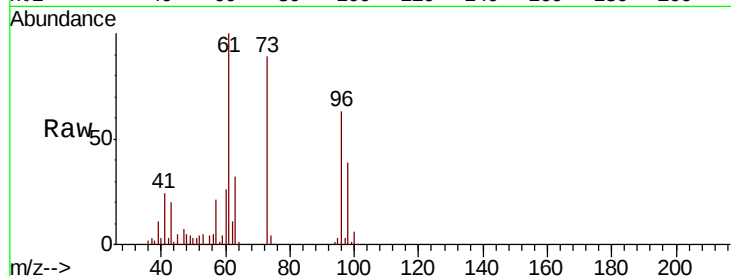




#19
Methyl tert-butyl Ether
Concen: 55.455 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

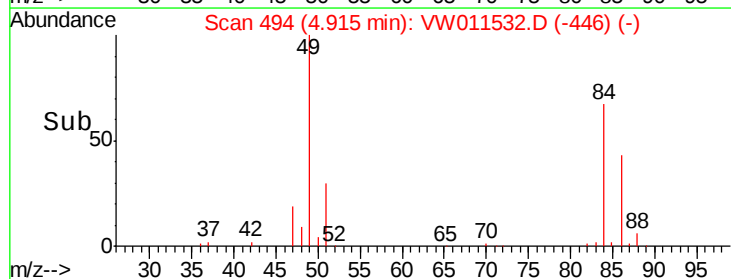
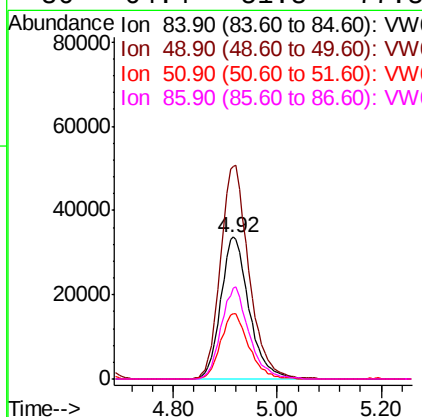
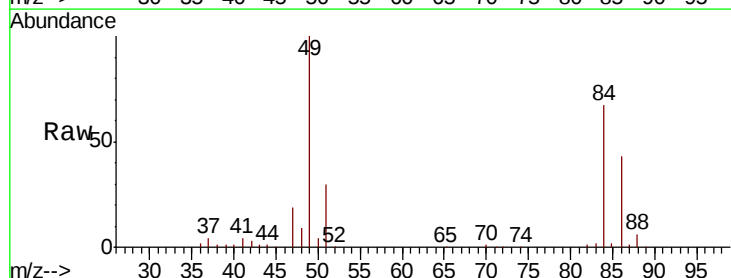
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBL02

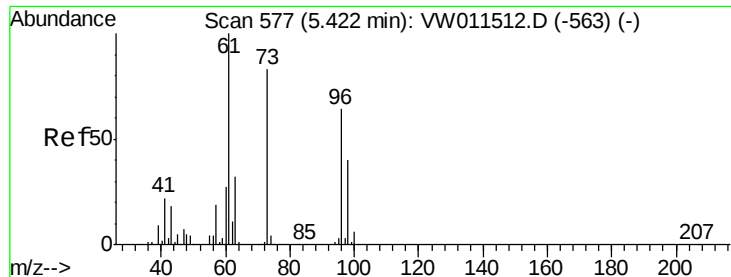
Tot Ion: 73 Resp: 193155
Ion Ratio Lower Upper
73 100
57 23.5 18.4 27.6



#20
Methylene Chloride
Concen: 48.335 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

Tgt Ion: 84 Resp: 128325
Ion Ratio Lower Upper
84 100
49 149.9 117.8 176.6
51 45.7 37.0 55.4
86 64.4 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 51.052 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBL02

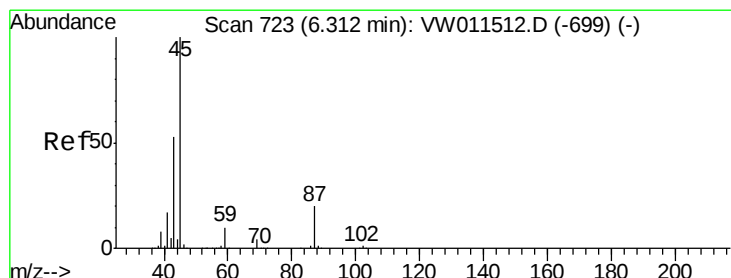
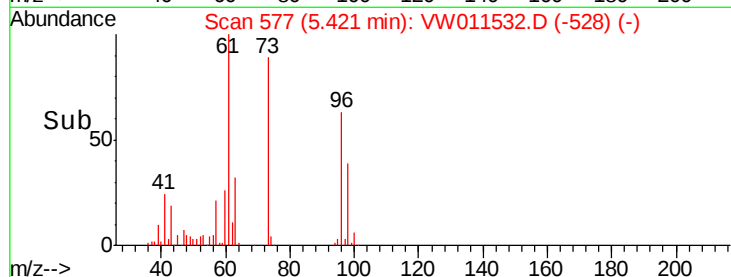
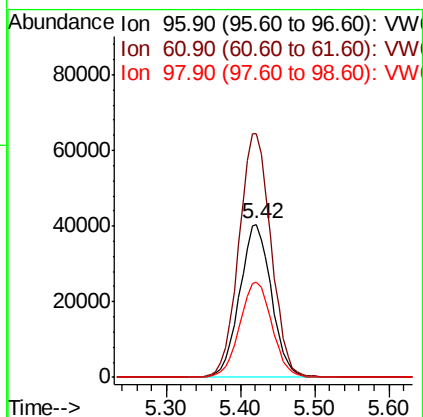
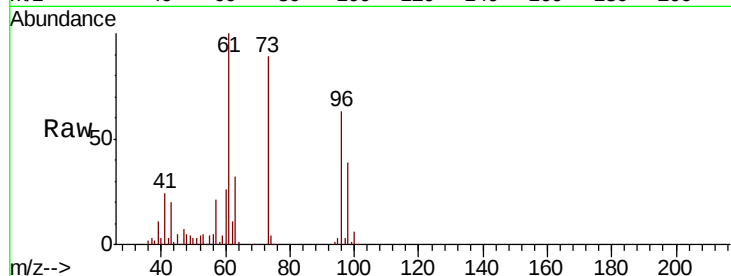
Tot Ion: 96 Resp: 120808

Ion Ratio Lower Upper

96 100

61 158.9 125.7 188.5

98 61.8 50.3 75.5



#22

Diisopropyl ether

Concen: 53.169 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Tgt Ion: 45 Resp: 467967

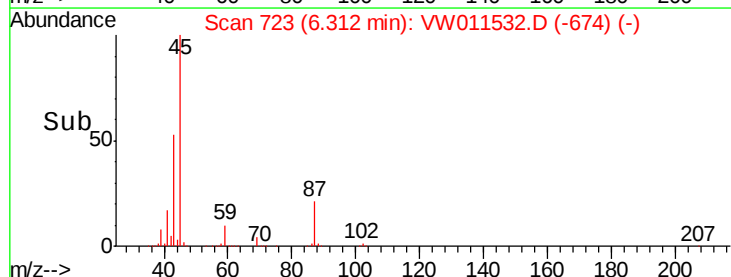
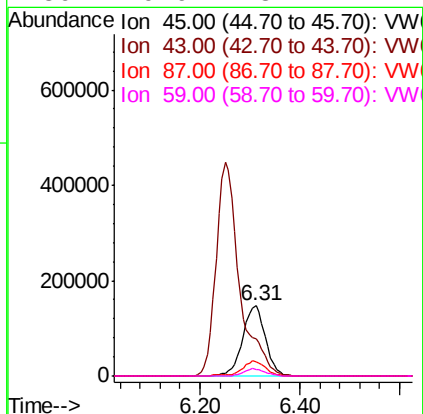
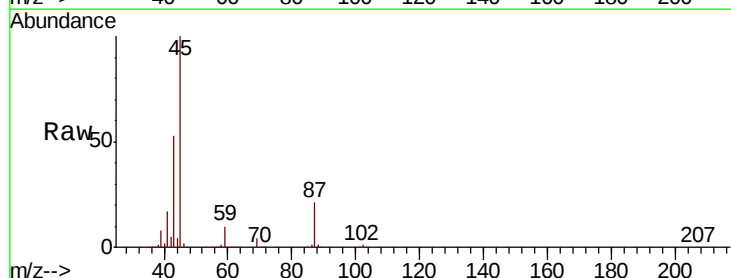
Ion Ratio Lower Upper

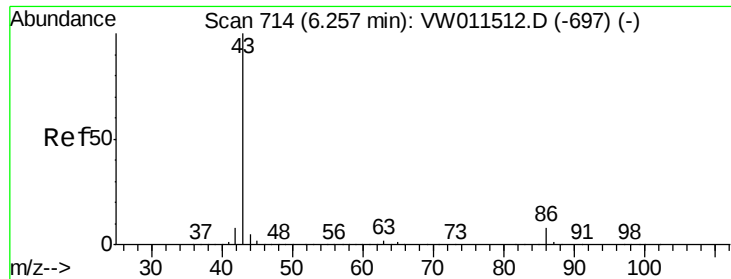
45 100

43 52.8 42.6 63.8

87 20.7 16.4 24.6

59 9.9 8.2 12.2





#23

Vinyl Acetate

Concen: 264.196 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

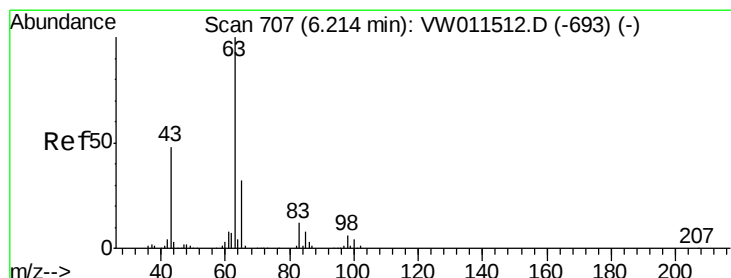
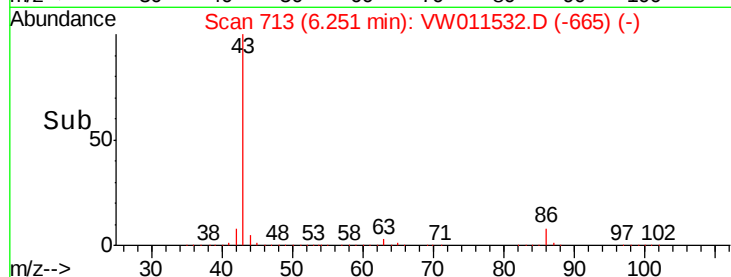
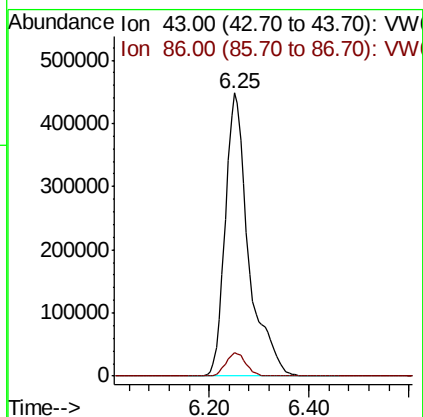
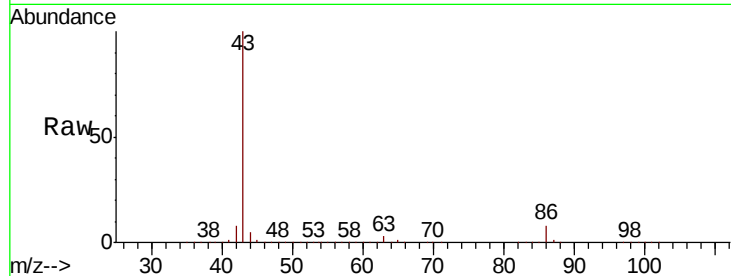
VW0727SBL02

Tot Ion: 43 Resp: 1461144

Ion Ratio Lower Upper

43 100

86 8.2 6.5 9.7



#24

1,1-Dichloroethane

Concen: 52.038 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

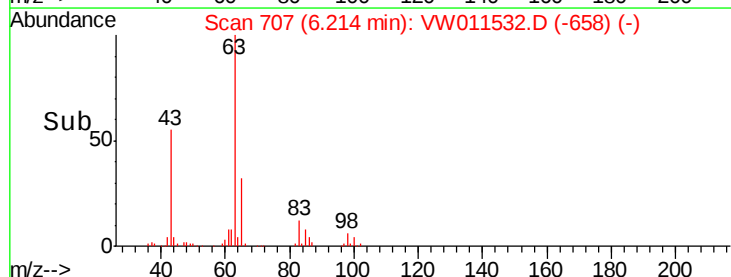
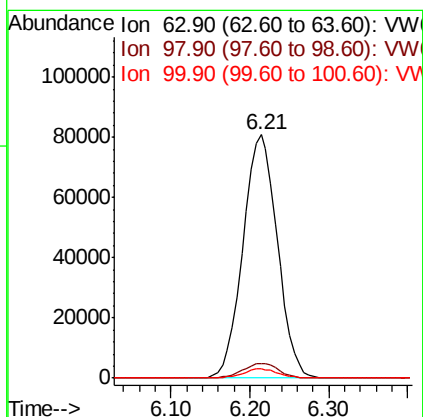
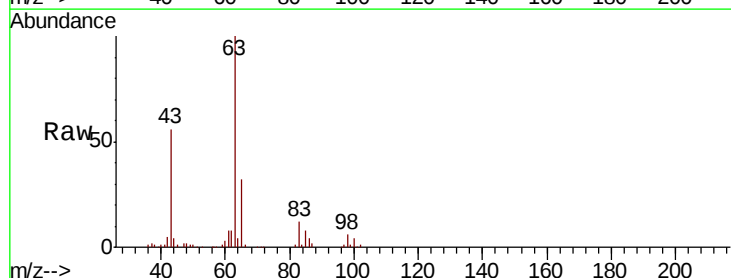
Tgt Ion: 63 Resp: 245301

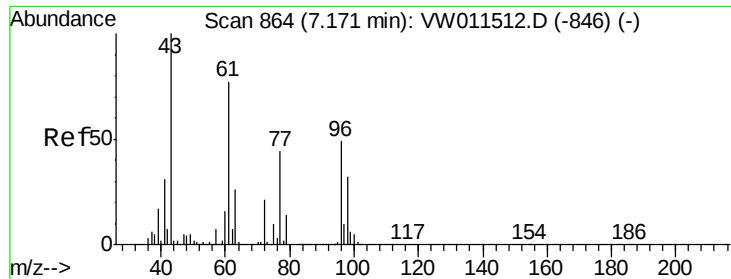
Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

100 3.7 2.1 6.3

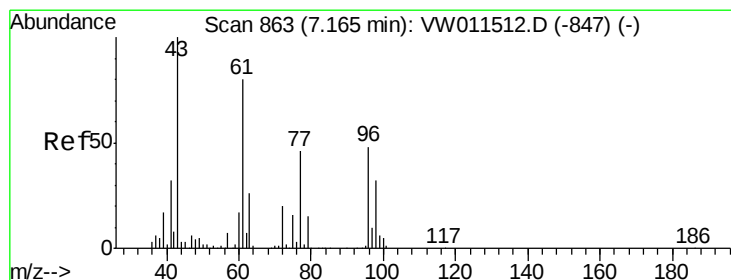
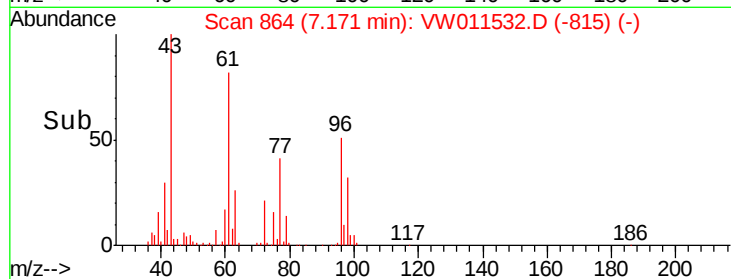
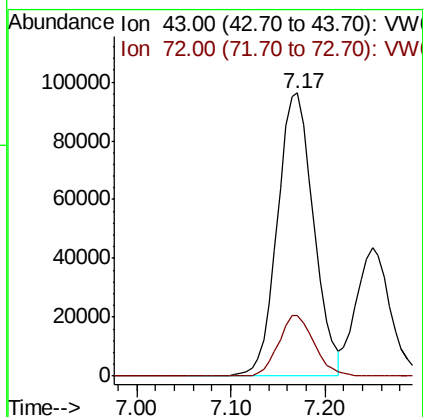
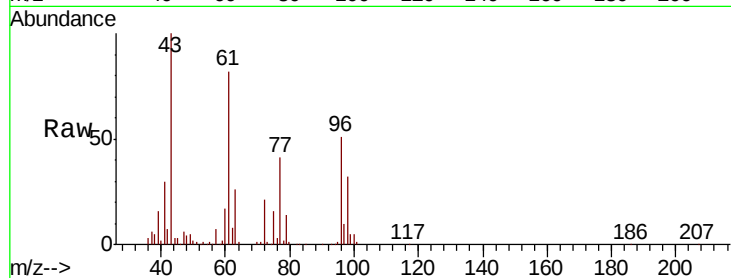




#25
2-Butanone
Concen: 255.050 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

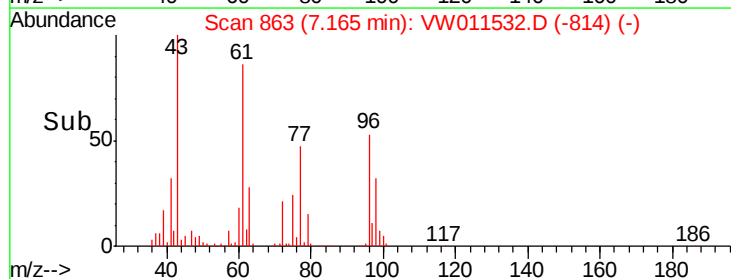
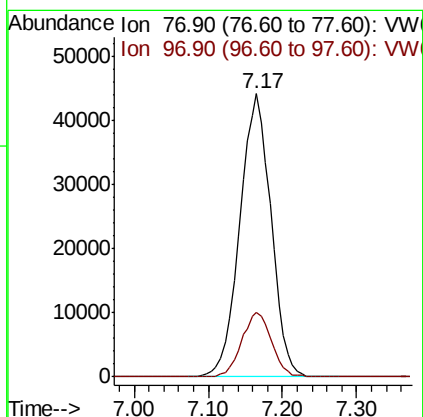
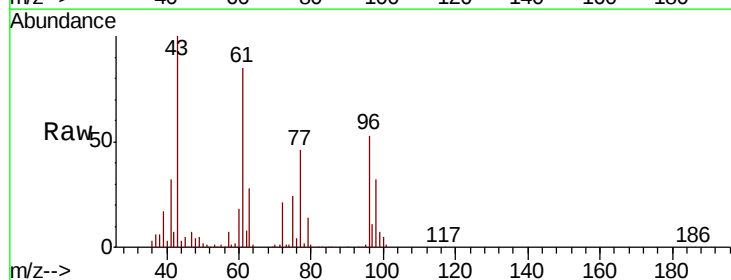
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBL02

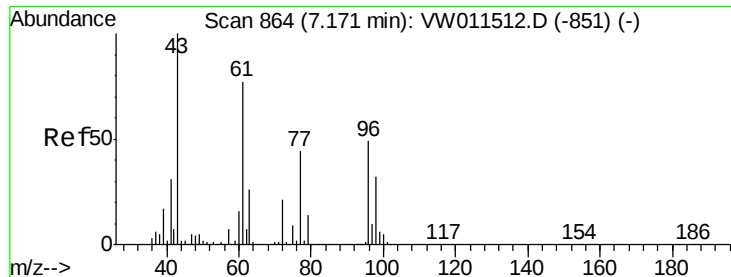
Tot Ion: 43 Resp: 256917
Ion Ratio Lower Upper
43 100
72 21.4 16.6 24.8



#26
2,2-Dichloropropane
Concen: 44.777 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

Tgt Ion: 77 Resp: 129806
Ion Ratio Lower Upper
77 100
97 21.9 10.8 32.4



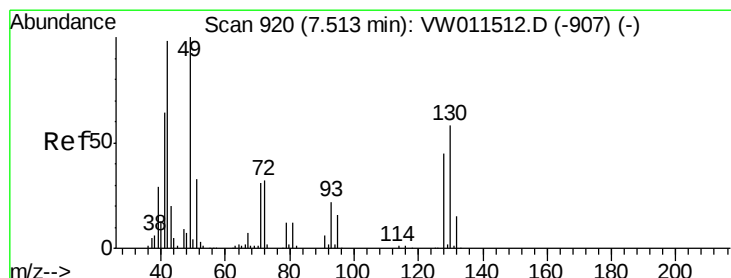
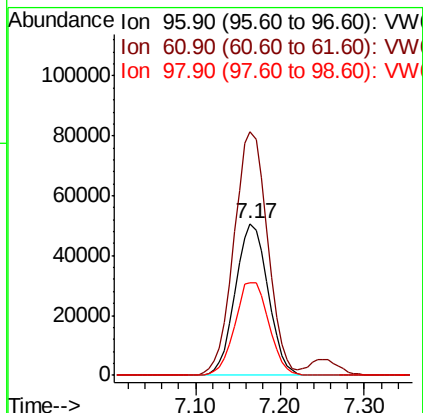
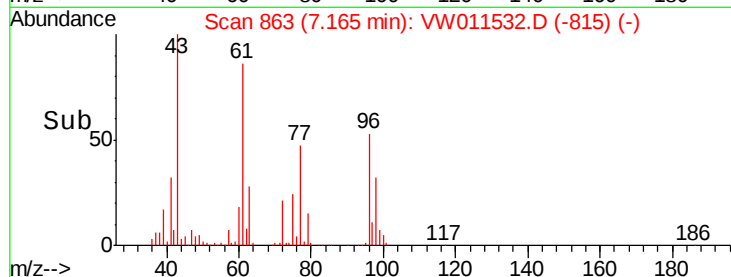
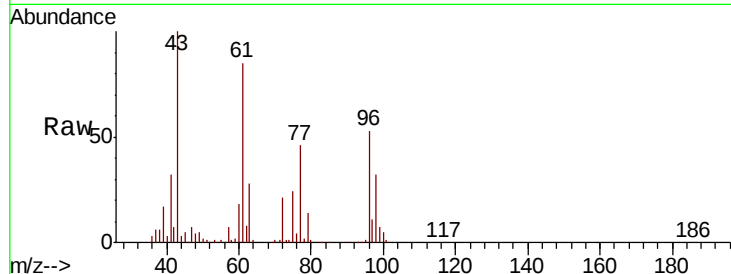


#27

cis-1,2-Dichloroethene
 Concen: 51.042 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW011532.D
 Acq: 26 Jul 2019 22:16

Instrument :
 MSVOA_W
 ClientSampled :
 VW0727SBL02

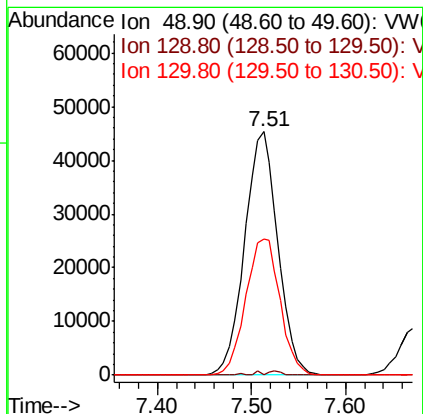
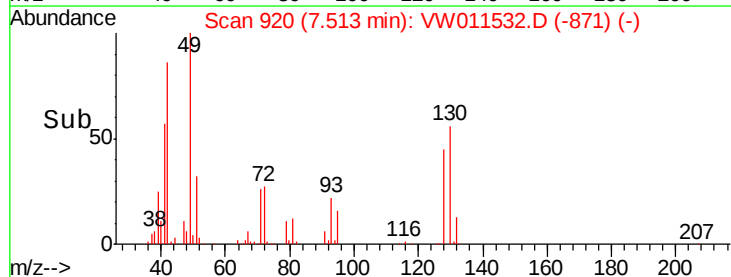
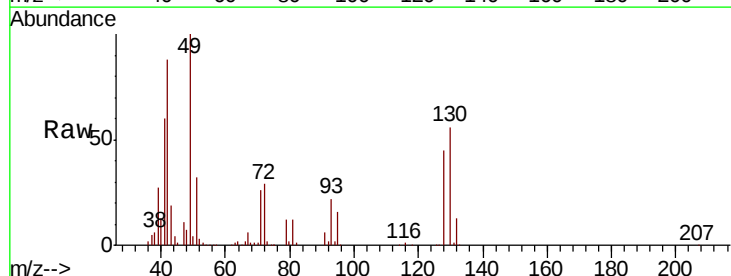
Tot Ion	Ratio	Lower	Upper
96	100		
61	165.3	0.0	328.4
98	63.5	0.0	128.8

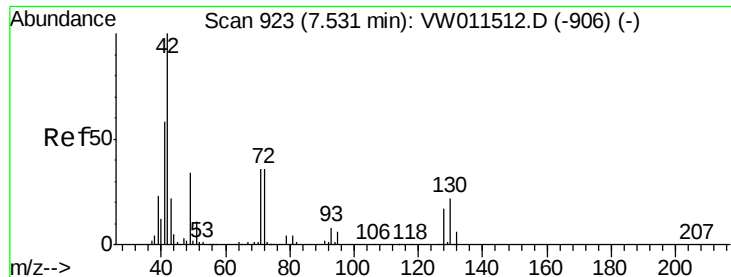


#28

Bromochloromethane
 Concen: 53.581 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW011532.D
 Acq: 26 Jul 2019 22:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	1.0
130	57.8	46.3	69.5

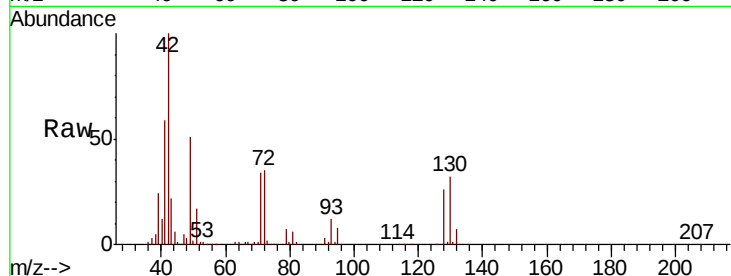




#29
Tetrahydrofuran
Concen: 276.350 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBL02

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.6	27.1	40.7
71	32.1	26.2	39.4

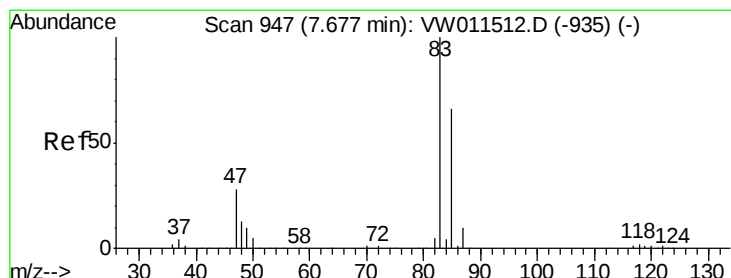
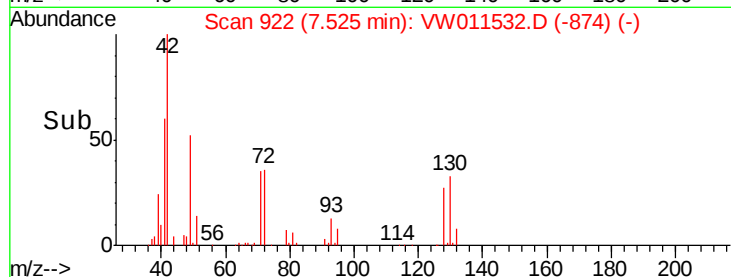
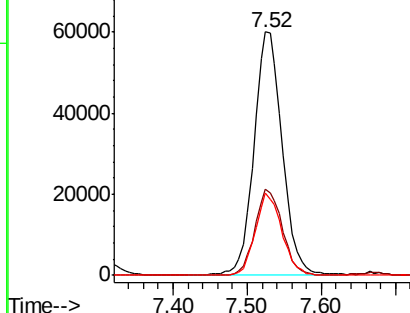


Abundance

Ion 42.00 (41.70 to 42.70): VW

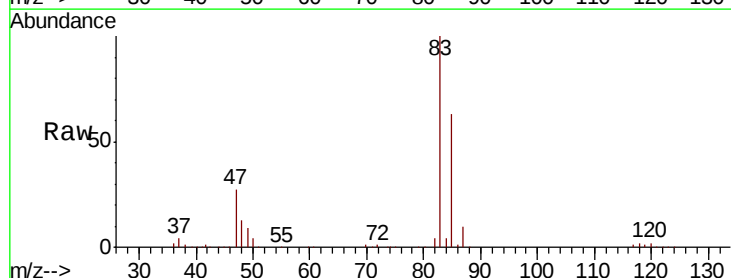
Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30
Chloroform
Concen: 51.294 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

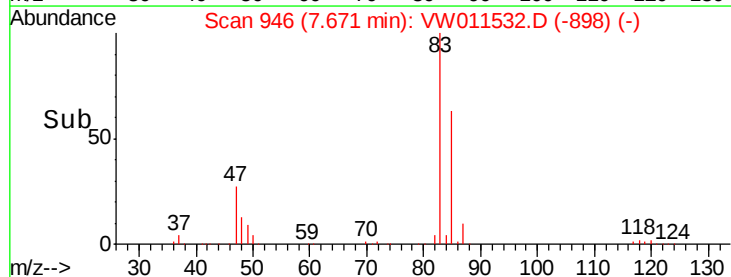
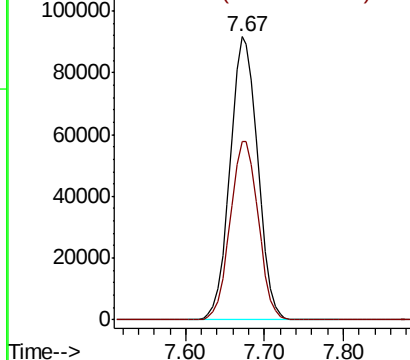
Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.5	78.7

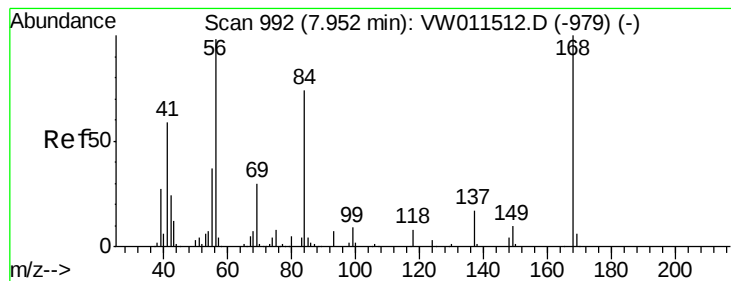


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 45.413 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBL02

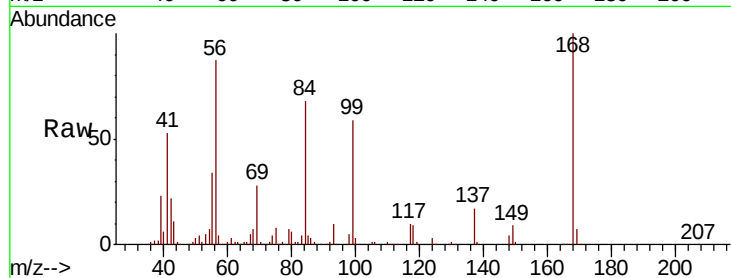
Tot Ion: 56 Resp: 205486

Ion Ratio Lower Upper

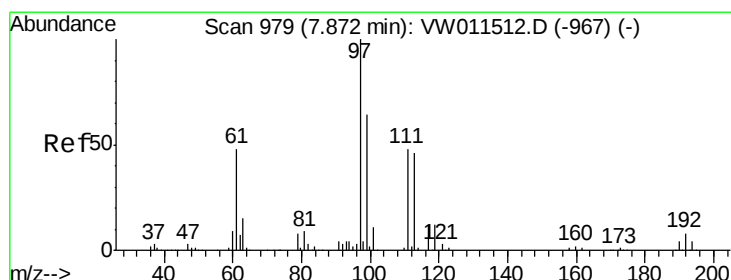
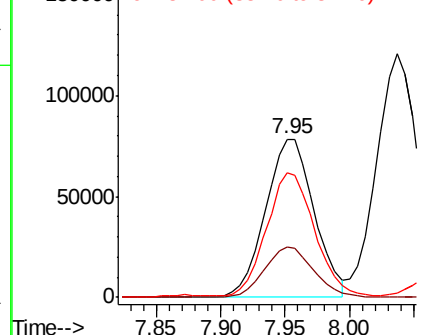
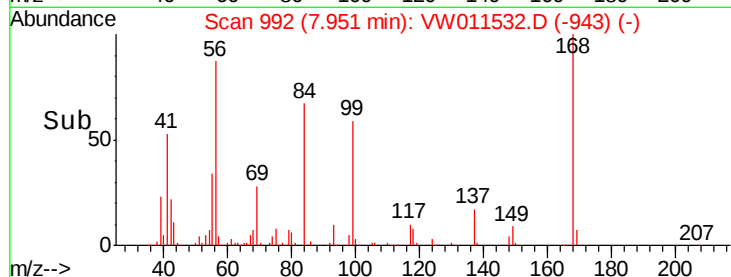
56 100

69 32.1 24.3 36.5

84 76.9 60.4 90.6



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 50.330 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

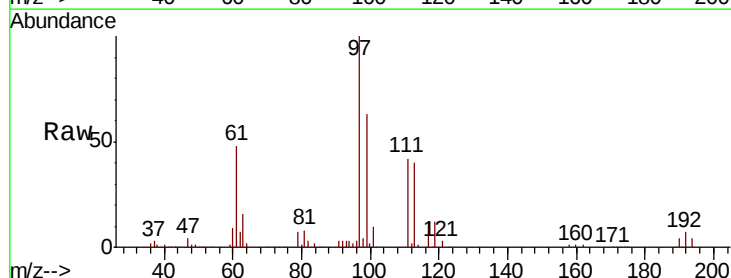
Tgt Ion: 97 Resp: 166690

Ion Ratio Lower Upper

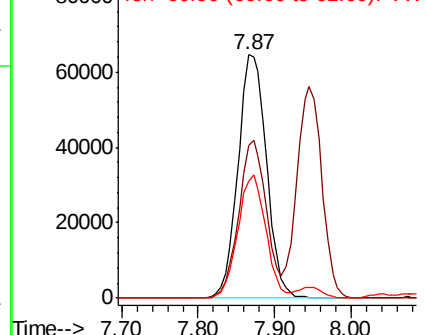
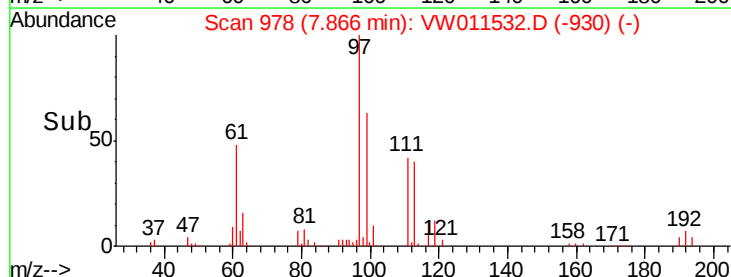
97 100

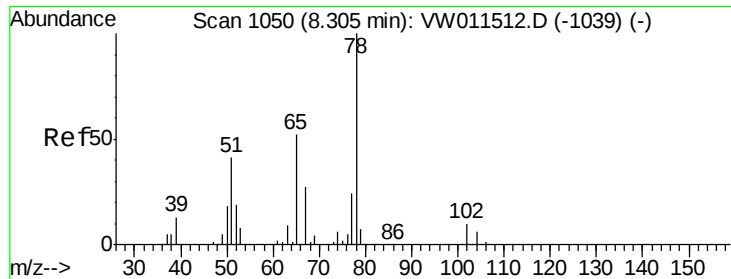
99 63.2 51.0 76.6

61 49.9 39.8 59.6



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

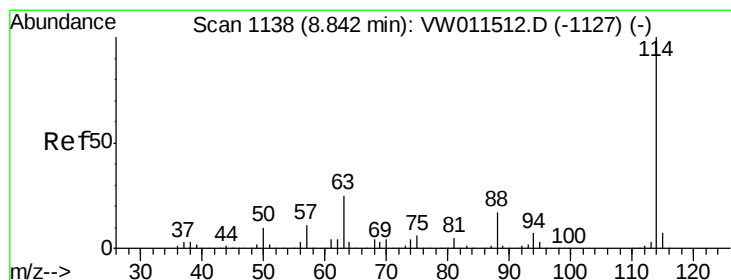
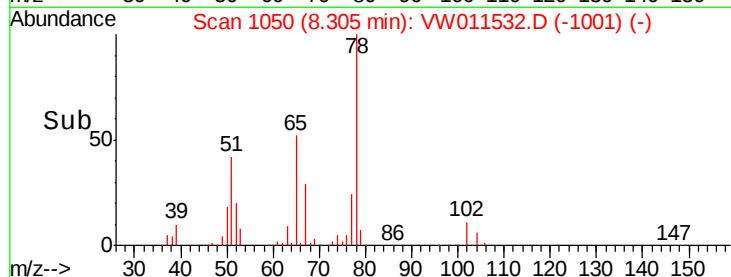
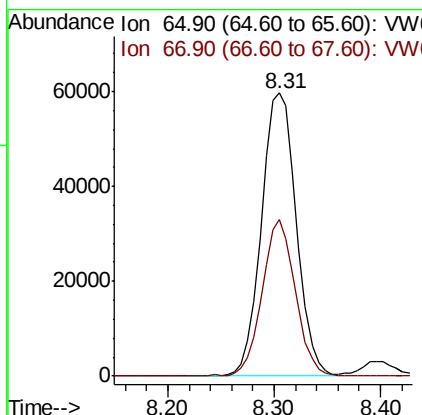
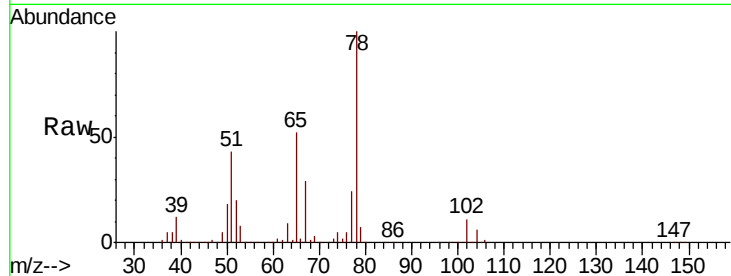




#33
 1,2-Dichloroethane-d4
 Concen: 56.406 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011532.D
 Acq: 26 Jul 2019 22:16

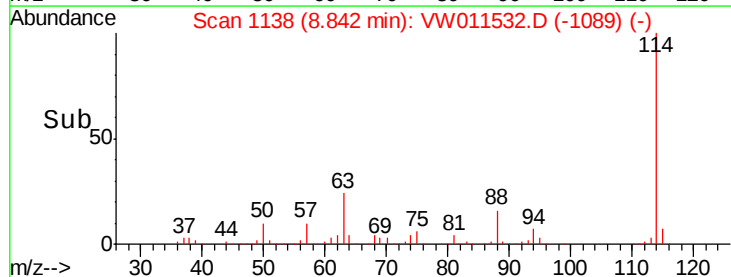
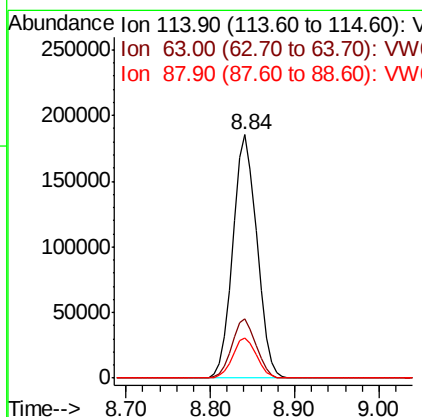
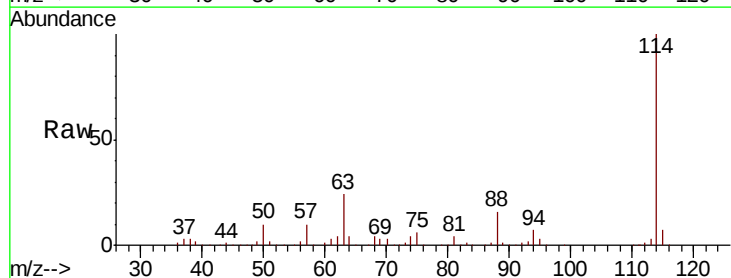
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBL02

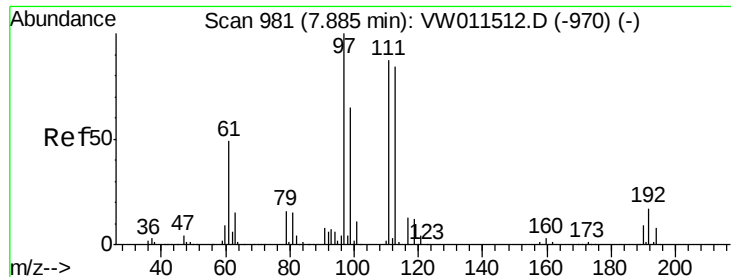
Tot Ion: 65 Resp: 136506
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011532.D
 Acq: 26 Jul 2019 22:16

Tgt Ion: 114 Resp: 357538
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 49.2
 88 16.3 0.0 33.8

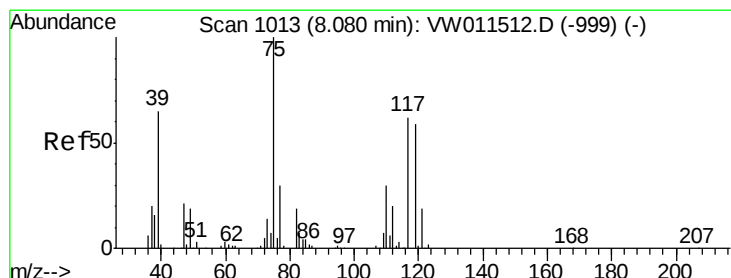
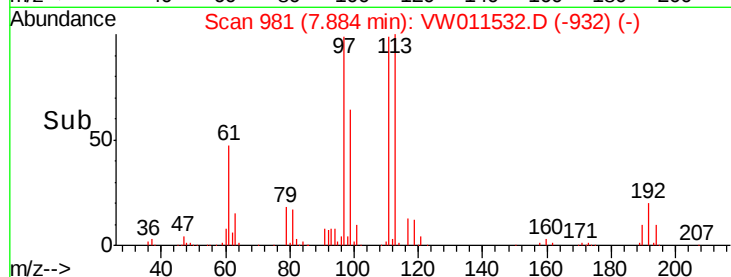
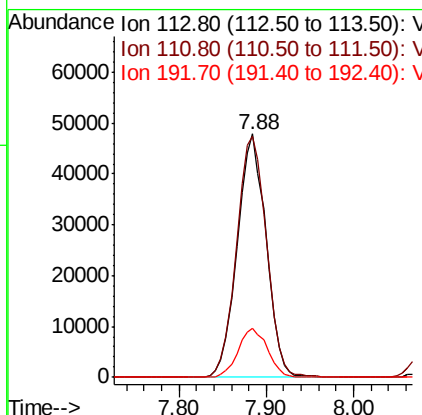
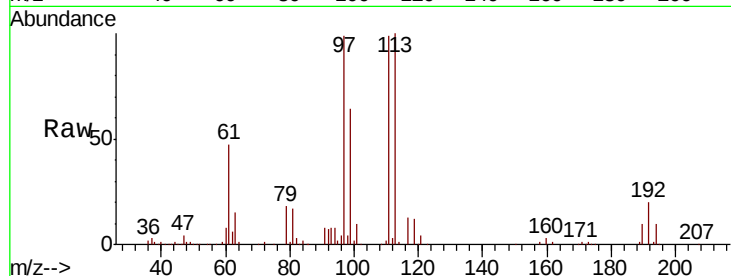




#35
 Dibromofluoromethane
 Concen: 54.799 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011532.D
 Acq: 26 Jul 2019 22:16

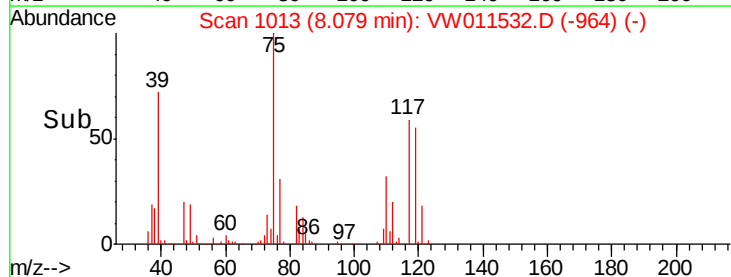
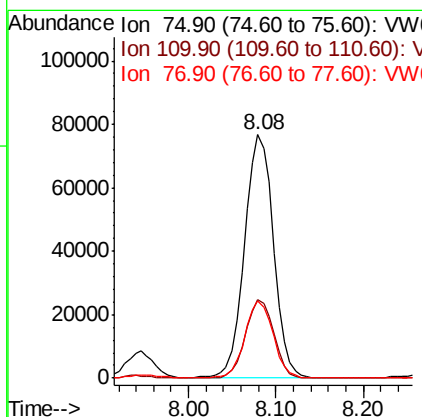
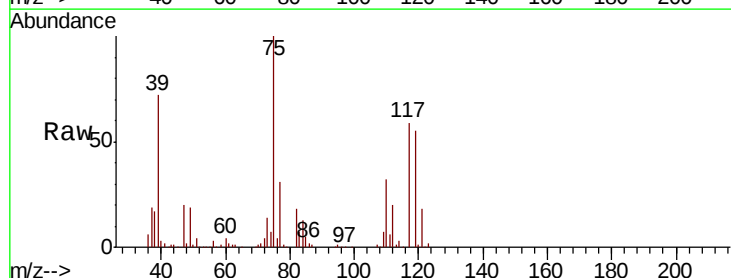
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBL02

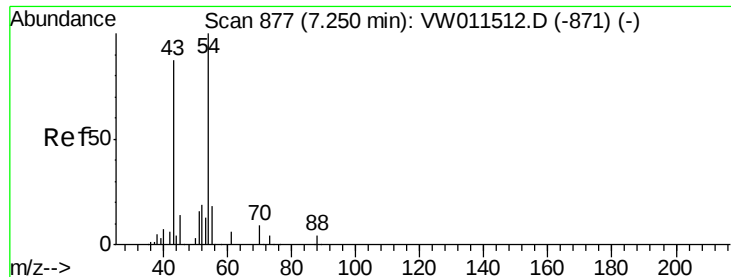
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.7	124.1
192	20.4	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 47.301 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW011532.D
 Acq: 26 Jul 2019 22:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.5	15.6	46.8
77	31.1	24.3	36.5

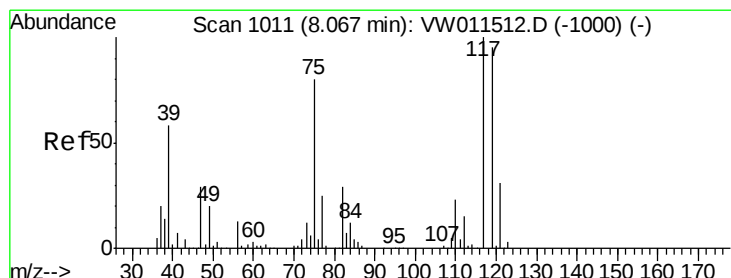
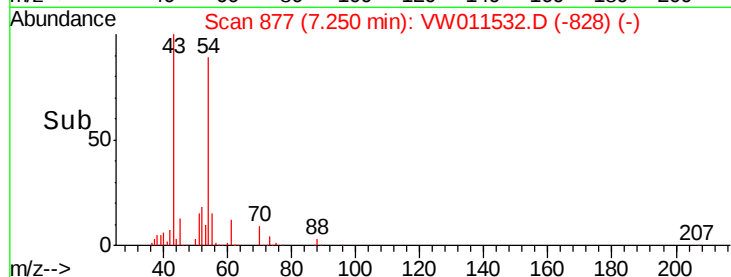
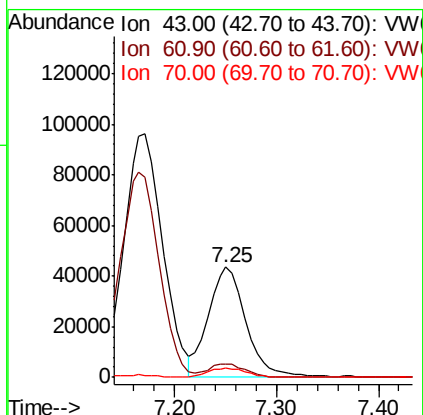
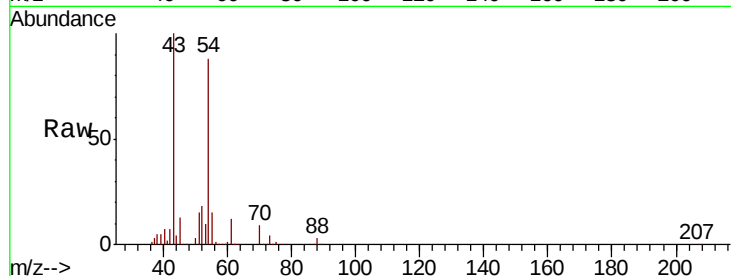




#37
Ethyl Acetate
Concen: 51.751 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

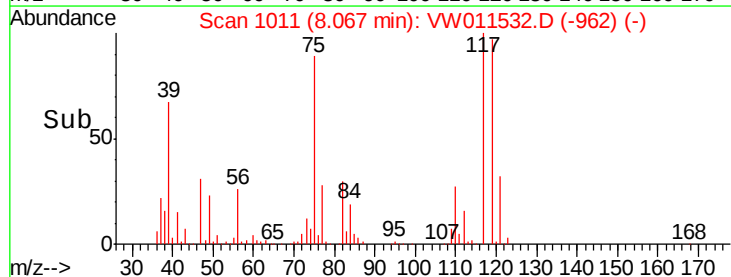
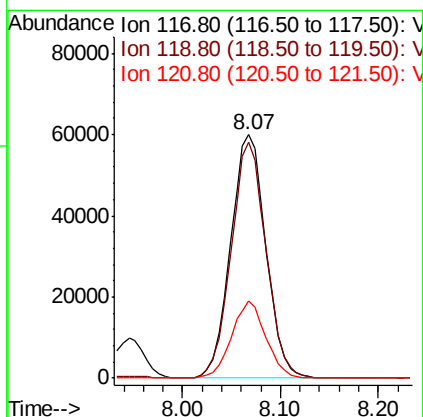
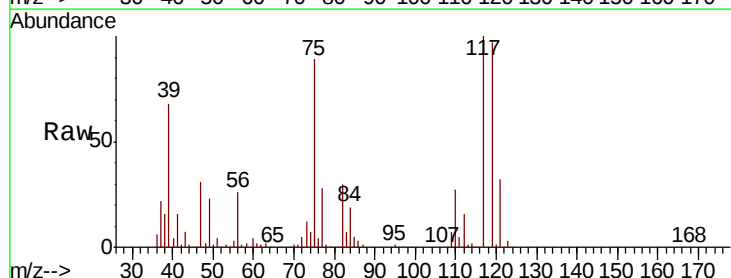
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBL02

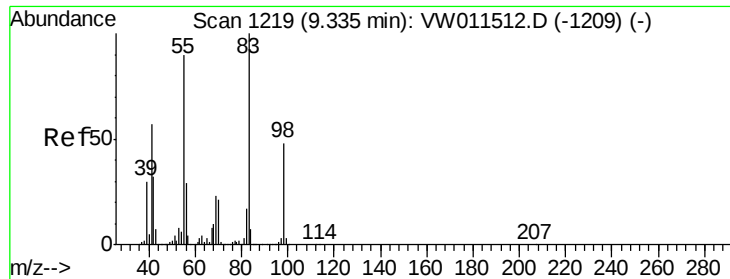
Tot Ion: 43 Resp: 110691
Ion Ratio Lower Upper
43 100
61 12.1 8.8 13.2
70 8.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 46.818 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

Tgt Ion: 117 Resp: 149006
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.6
121 31.8 24.7 37.1

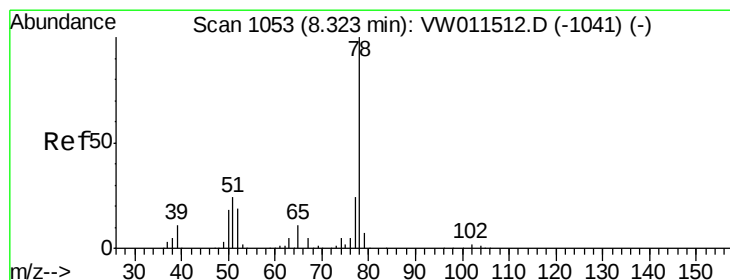
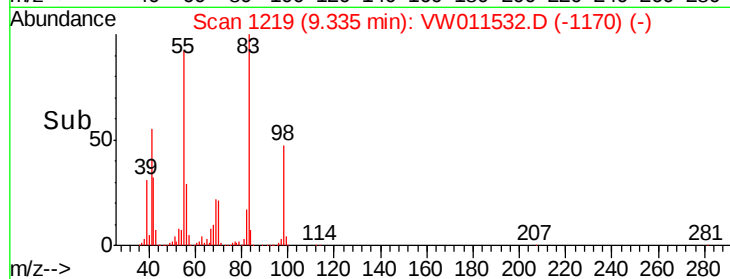
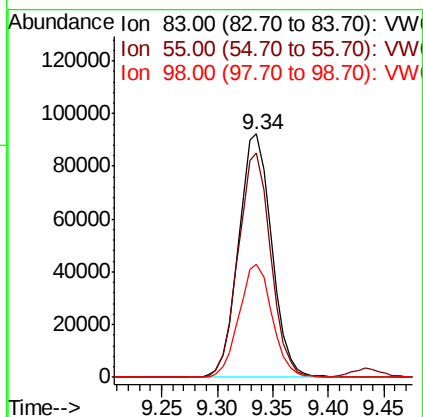
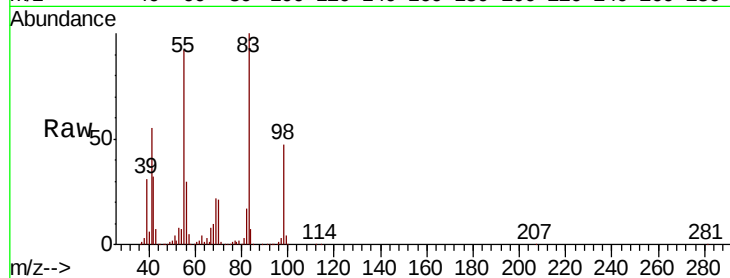




#39
Methylcyclohexane
Concen: 46.676 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

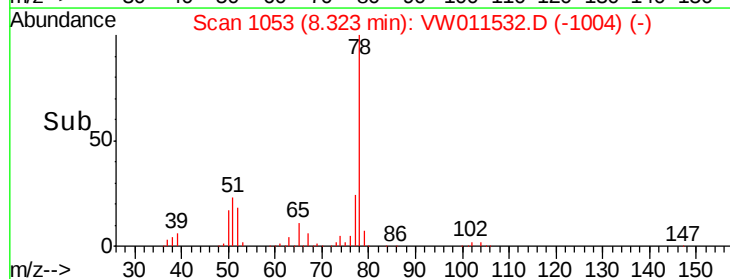
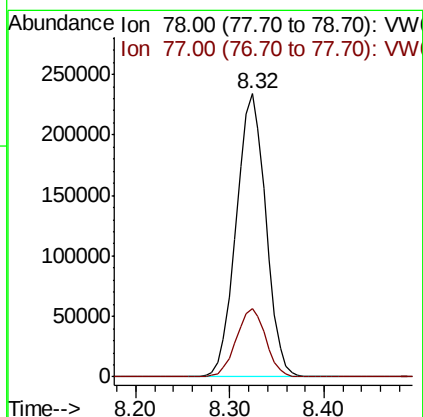
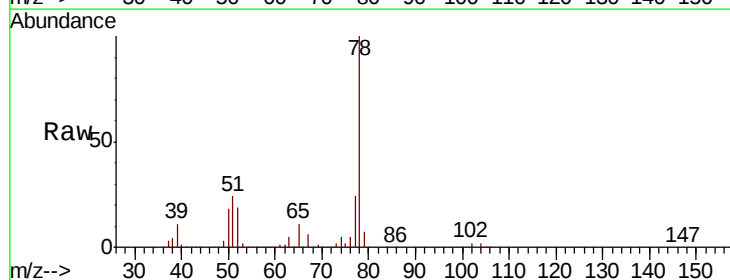
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBL02

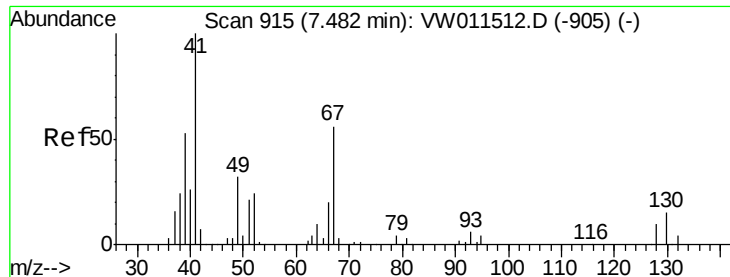
Tot Ion: 83 Resp: 191076
Ion Ratio Lower Upper
83 100
55 92.1 72.1 108.1
98 46.6 38.6 57.8



#40
Benzene
Concen: 49.324 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

Tgt Ion: 78 Resp: 513636
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0





#41

Methacrylonitrile

Concen: 52.537 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBL02

Tot Ion: 41 Resp: 67173

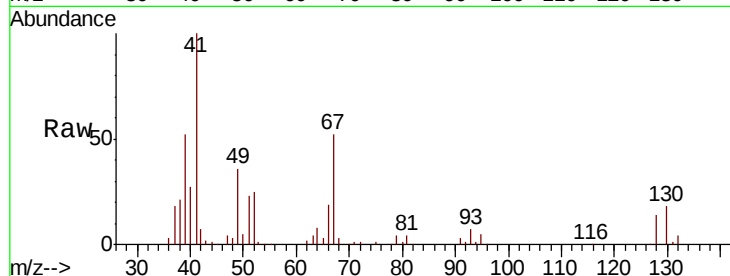
Ion Ratio Lower Upper

41 100

39 57.6 43.0 64.4

67 57.5 47.5 71.3

52 26.3 21.0 31.6

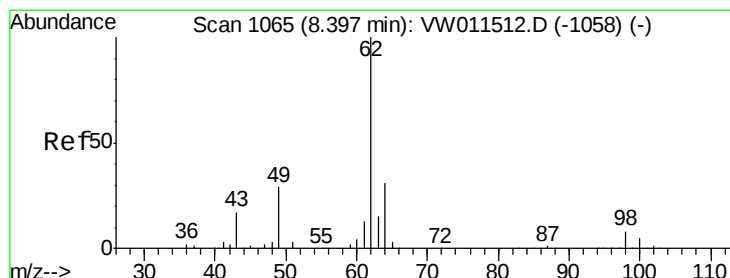
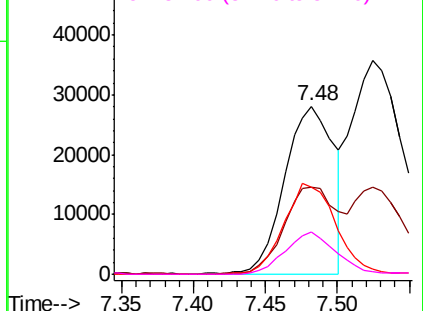
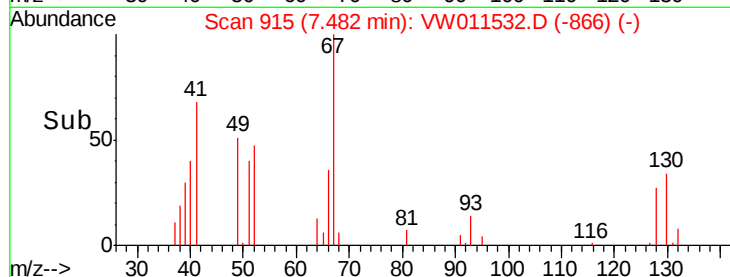


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 50.178 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW011532.D

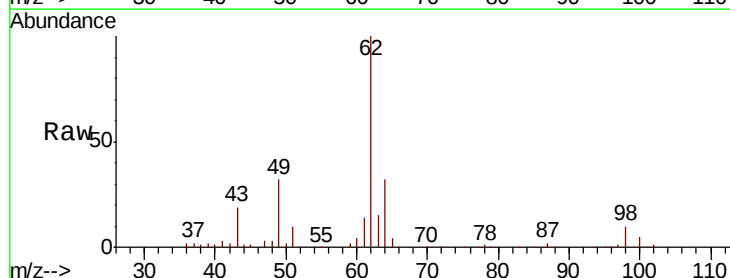
Acq: 26 Jul 2019 22:16

Tgt Ion: 62 Resp: 163599

Ion Ratio Lower Upper

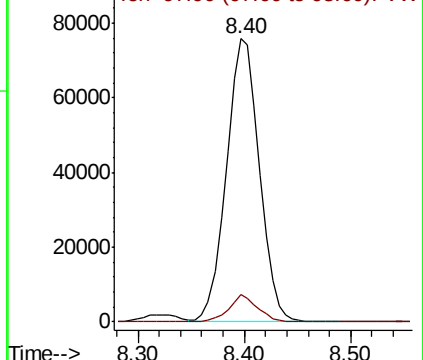
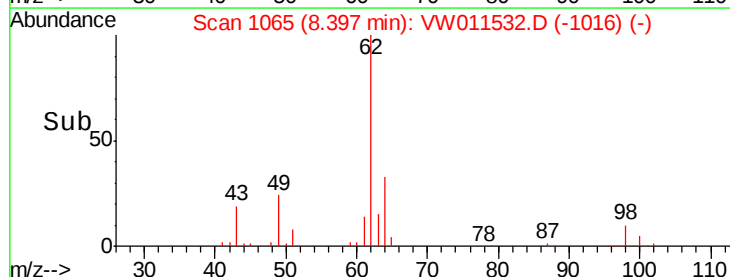
62 100

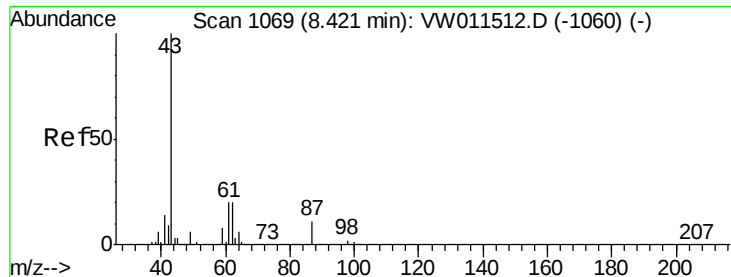
98 8.5 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

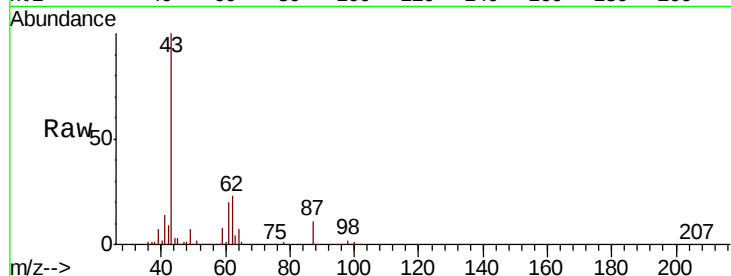




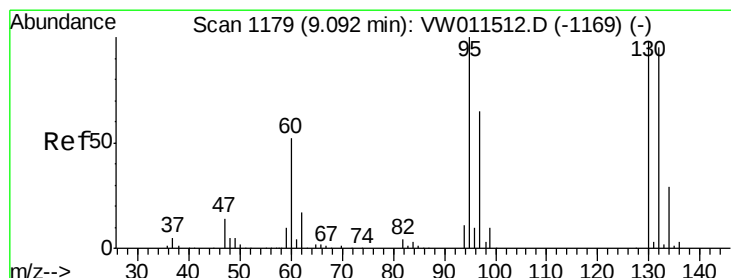
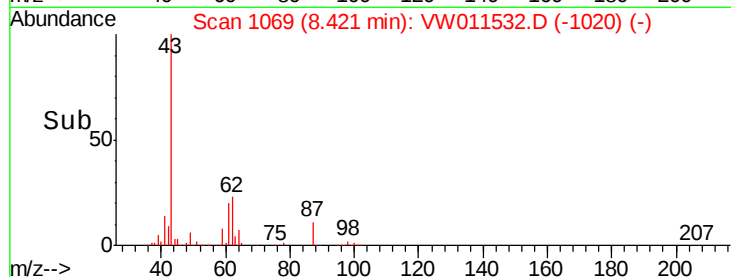
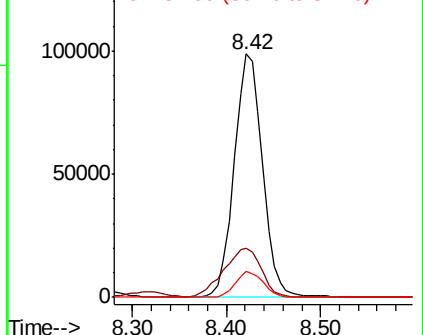
#43
Isopropyl Acetate
Concen: 52.198 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBL02

Tot Ion: 43 Resp: 205329
Ion Ratio Lower Upper
43 100
61 26.6 21.5 32.3
87 10.5 8.4 12.6

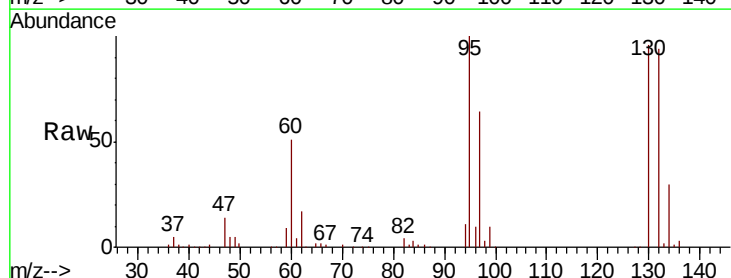


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW

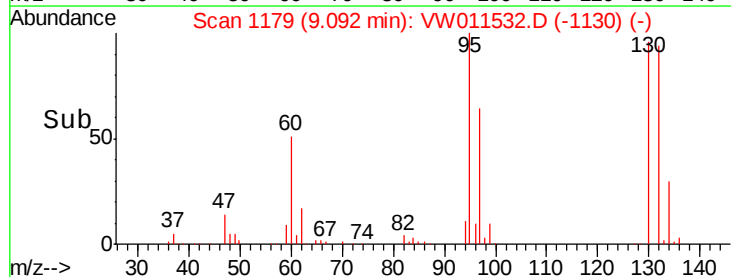
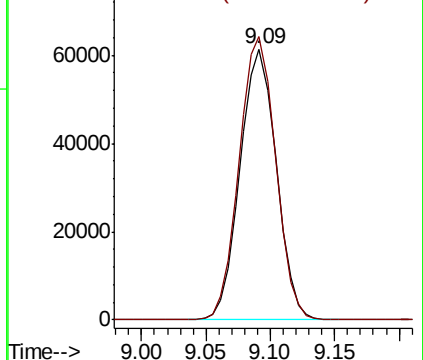


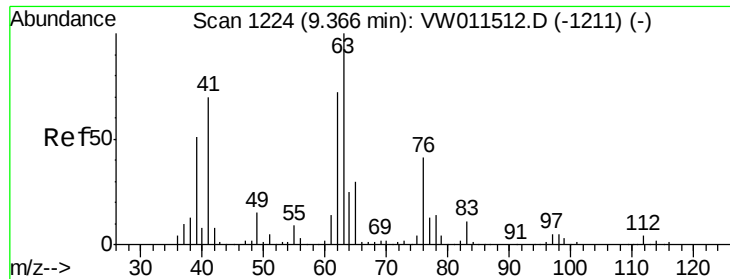
#44
Trichloroethene
Concen: 47.983 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

Tgt Ion:130 Resp: 120096
Ion Ratio Lower Upper
130 100
95 104.5 0.0 204.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 50.266 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

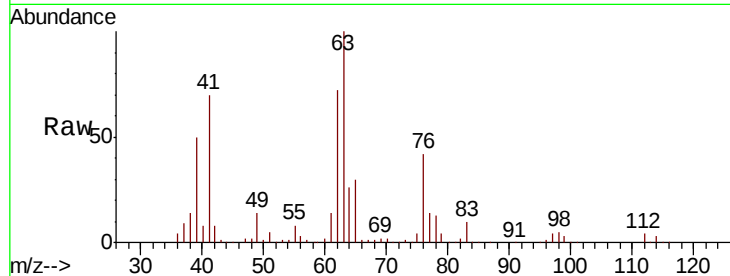
VW0727SBL02

Tot Ion: 63 Resp: 140058

Ion Ratio Lower Upper

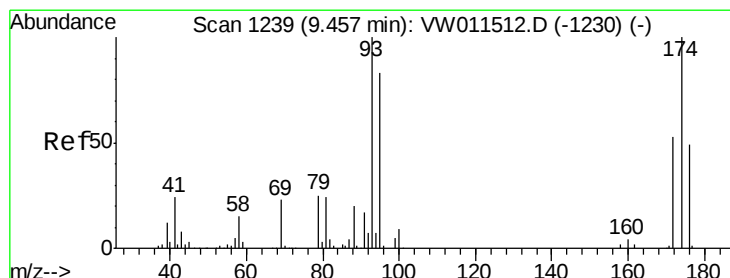
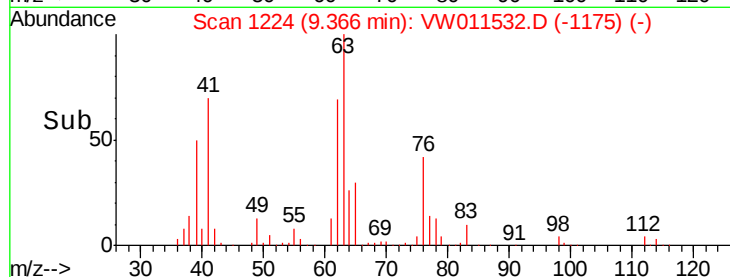
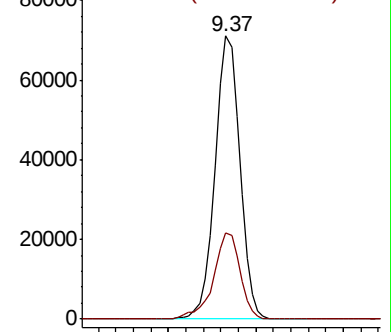
63 100

65 30.5 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 51.765 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

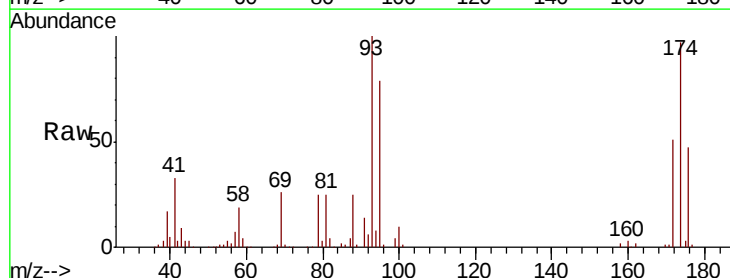
Tgt Ion: 93 Resp: 65831

Ion Ratio Lower Upper

93 100

95 81.9 66.2 99.2

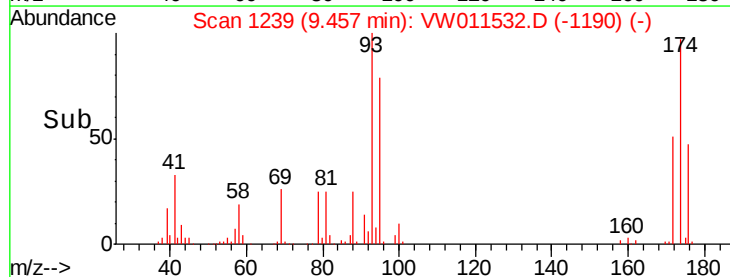
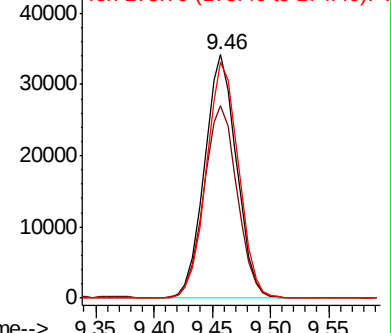
174 97.5 78.2 117.4

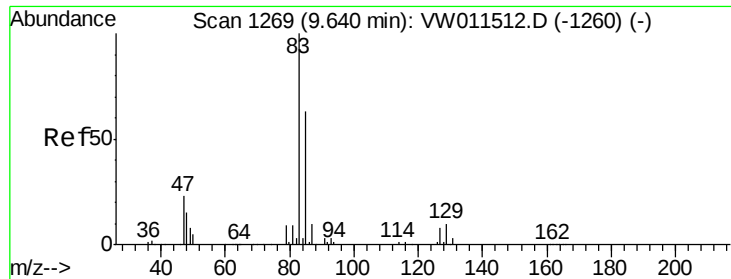


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

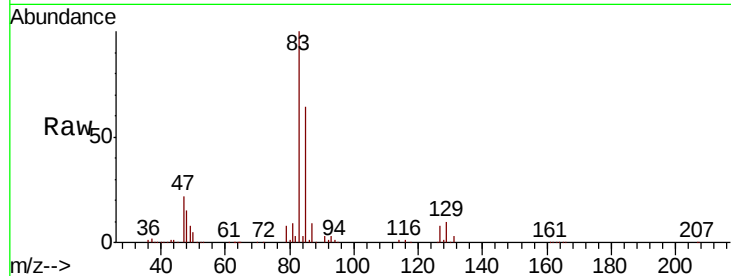




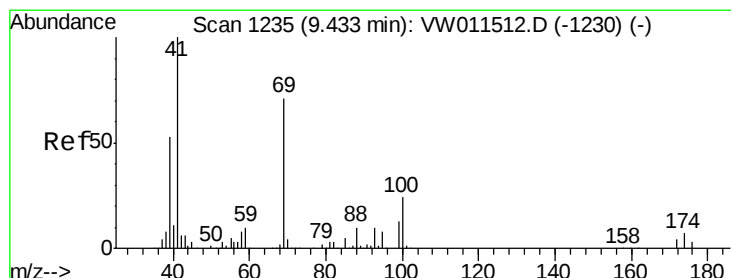
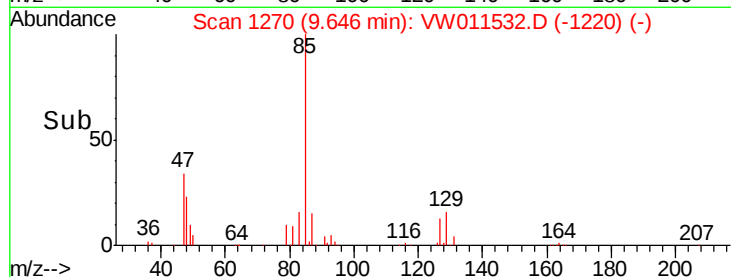
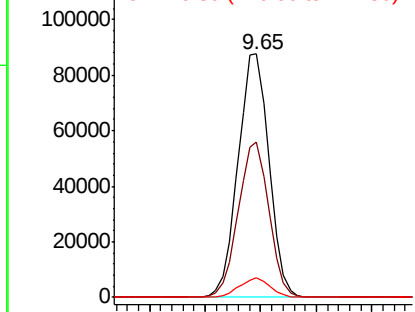
#47
Bromodichloromethane
Concen: 50.698 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBL02

Tot Ion: 83 Resp: 169124
Ion Ratio Lower Upper
83 100
85 63.7 50.5 75.7
127 8.1 6.4 9.6

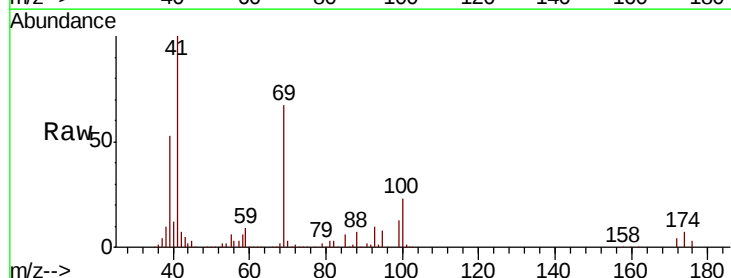


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW

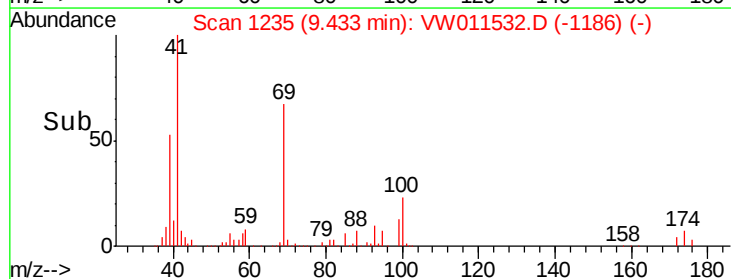
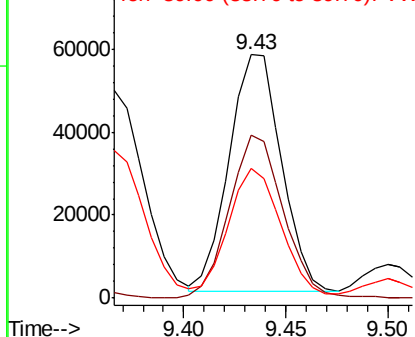


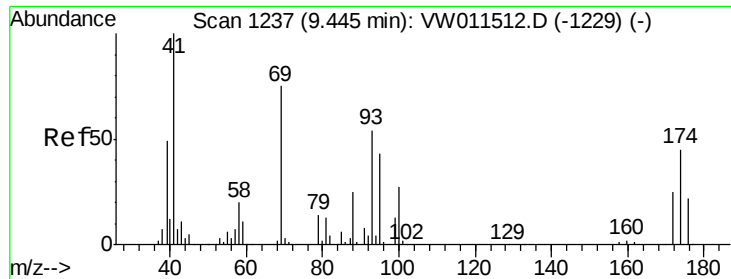
#48
Methyl methacrylate
Concen: 53.831 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

Tgt Ion: 41 Resp: 101717
Ion Ratio Lower Upper
41 100
69 71.6 57.1 85.7
39 56.4 45.4 68.2



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

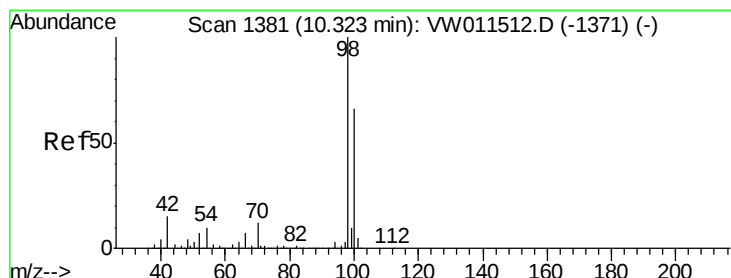
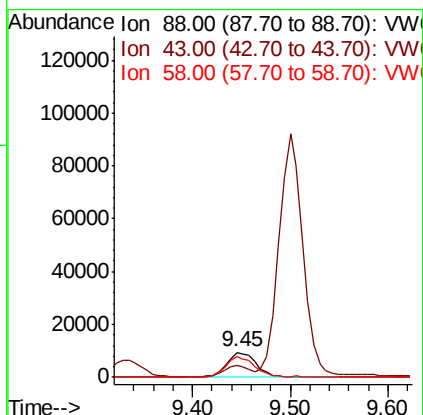
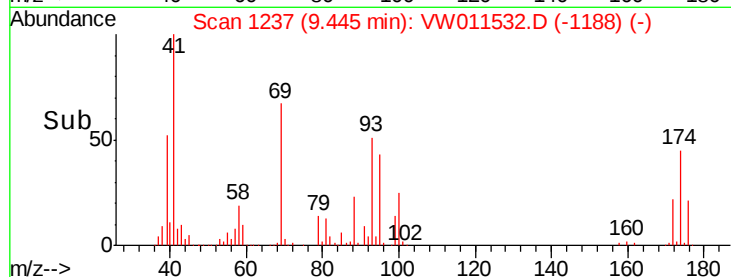
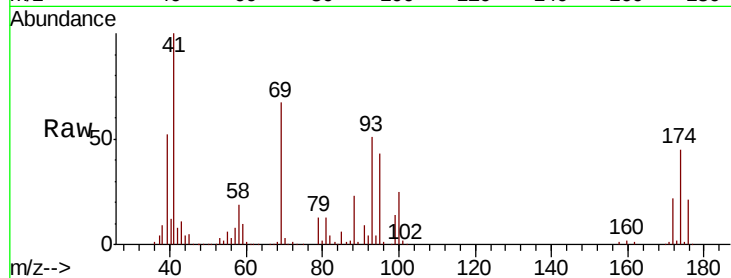




#49
1,4-Dioxane
Concen: 1074.188 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

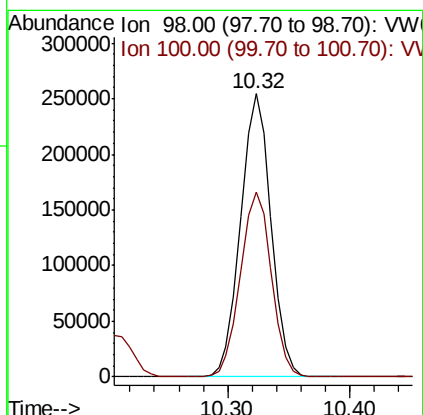
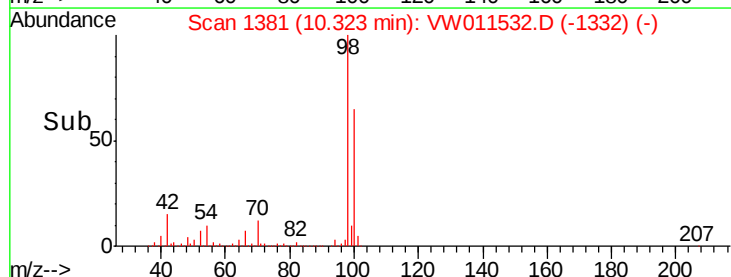
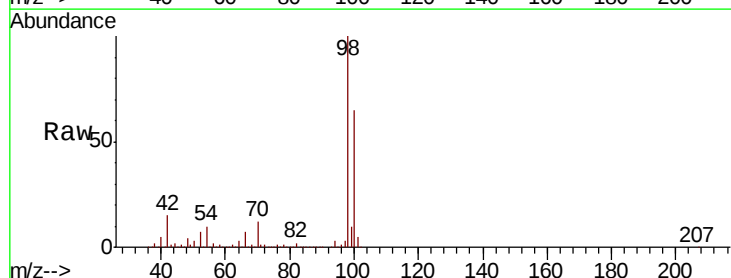
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBL02

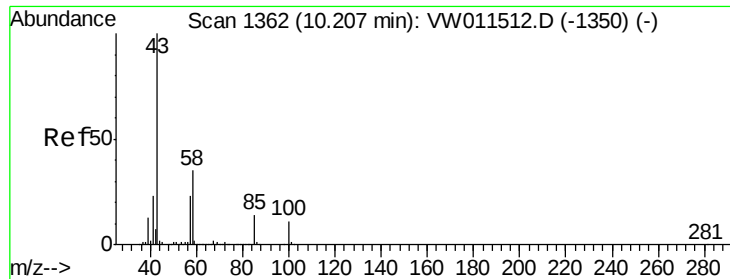
Tot Ion: 88 Resp: 19780
Ion Ratio Lower Upper
88 100
43 39.9 34.0 51.0
58 86.3 69.7 104.5



#50
Toluene-d8
Concen: 53.448 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

Tgt Ion: 98 Resp: 438946
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 266.730 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

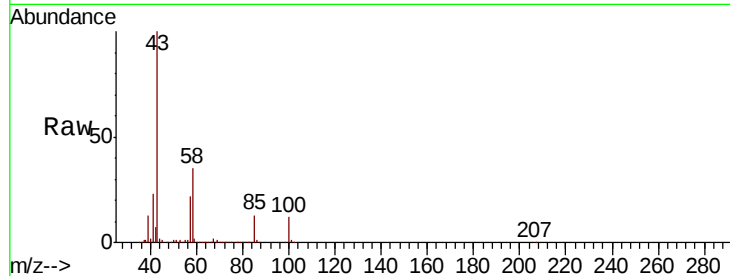
VW0727SBL02

Tot Ion: 43 Resp: 545750

Ion Ratio Lower Upper

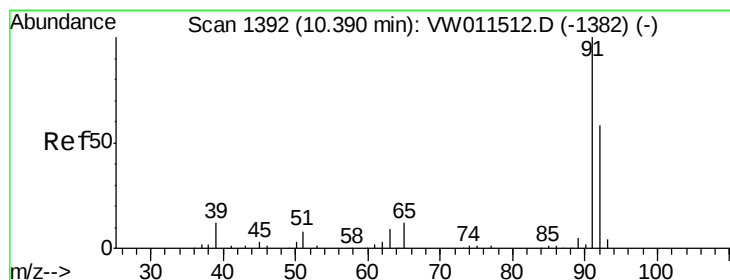
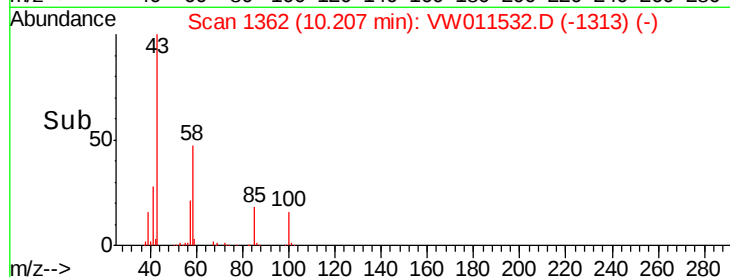
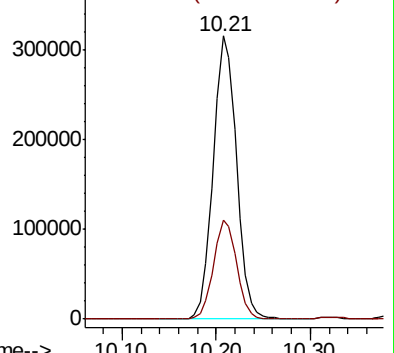
43 100

58 34.9 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 49.069 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW011532.D

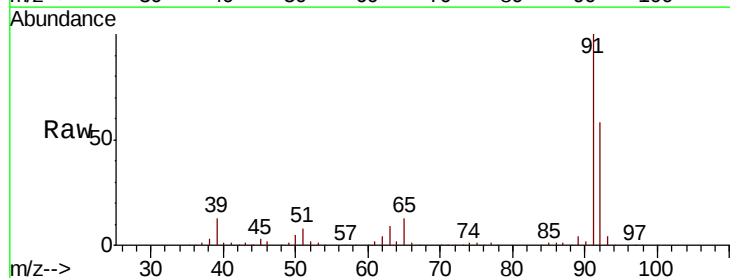
Acq: 26 Jul 2019 22:16

Tgt Ion: 92 Resp: 308584

Ion Ratio Lower Upper

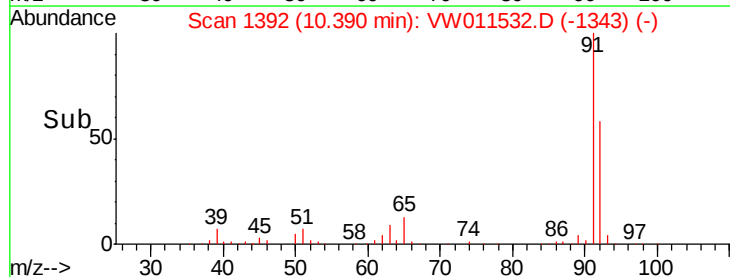
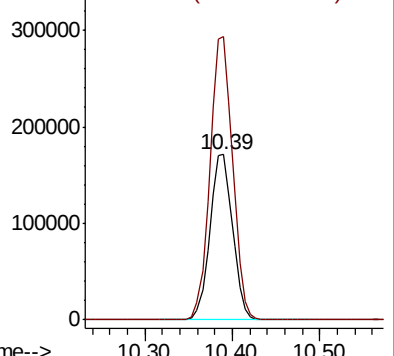
92 100

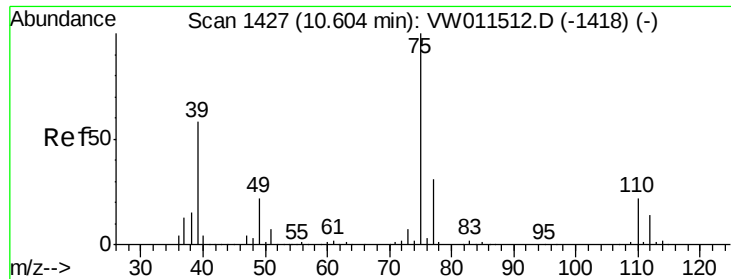
91 171.1 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 50.638 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

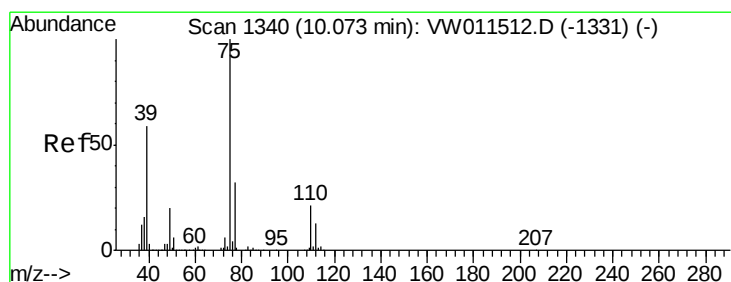
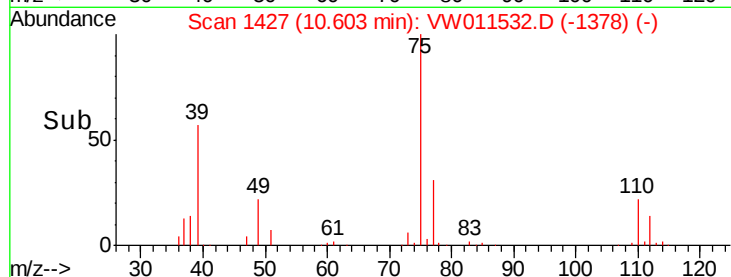
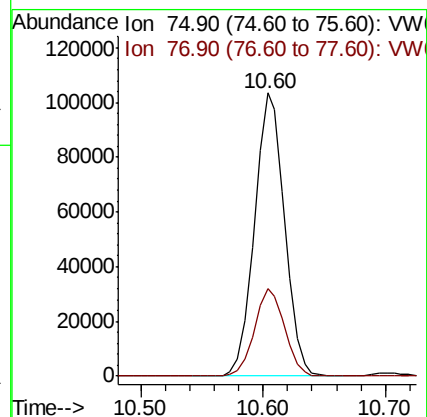
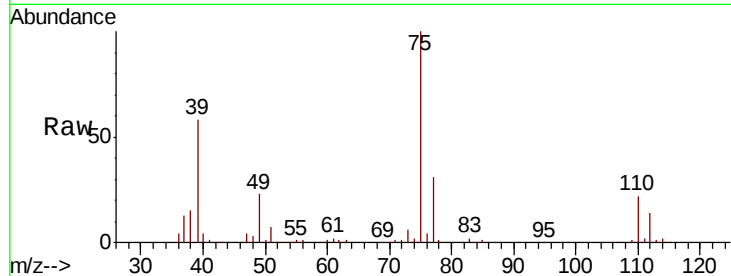
VW0727SBL02

Tot Ion: 75 Resp: 176462

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 50.405 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

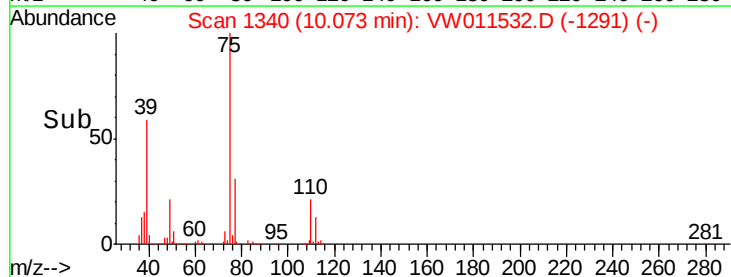
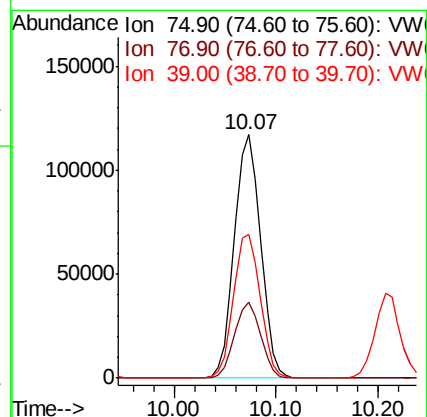
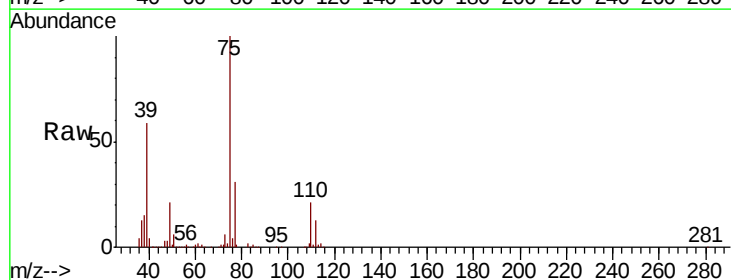
Tgt Ion: 75 Resp: 208847

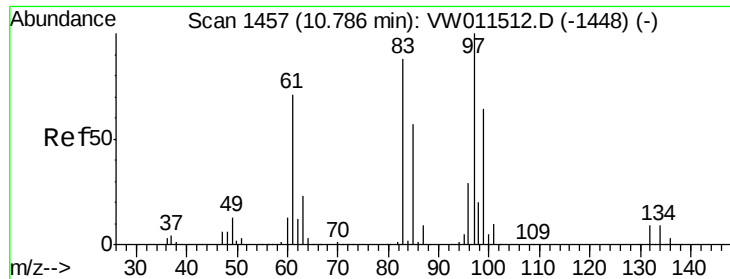
Ion Ratio Lower Upper

75 100

77 31.4 25.6 38.4

39 58.8 47.0 70.4

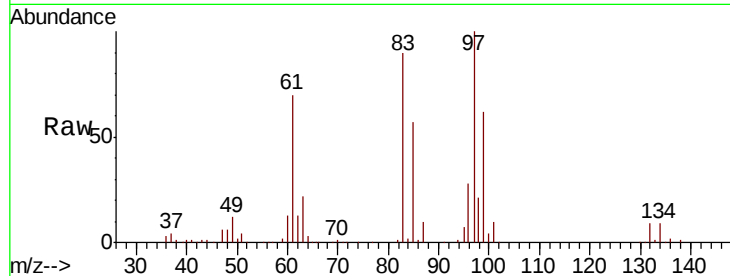




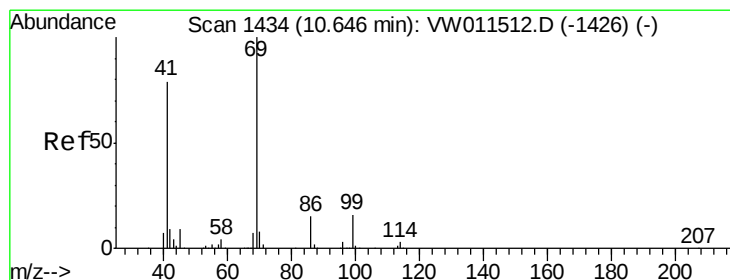
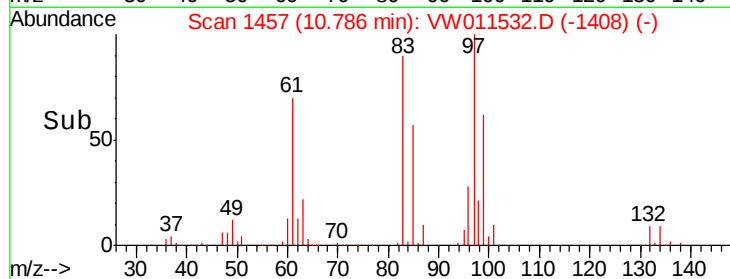
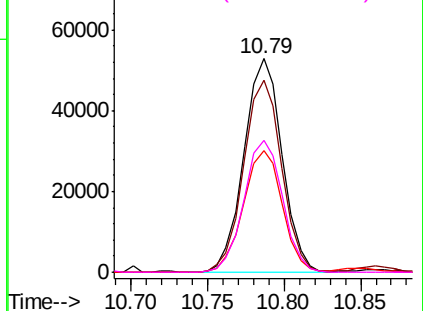
#55
 1,1,2-Trichloroethane
 Concen: 50.838 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011532.D
 Acq: 26 Jul 2019 22:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBL02

Tot Ion: 97 Resp: 91732
 Ion Ratio Lower Upper
 97 100
 83 90.1 70.5 105.7
 85 57.0 45.8 68.6
 99 61.8 51.0 76.4

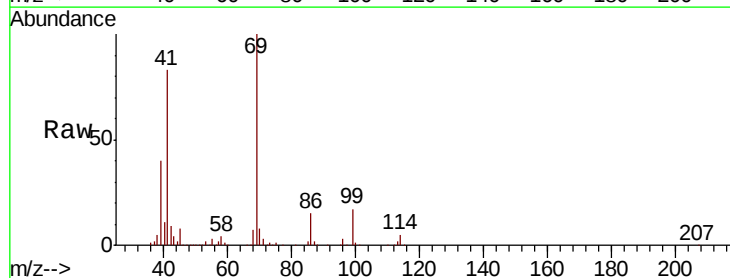


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

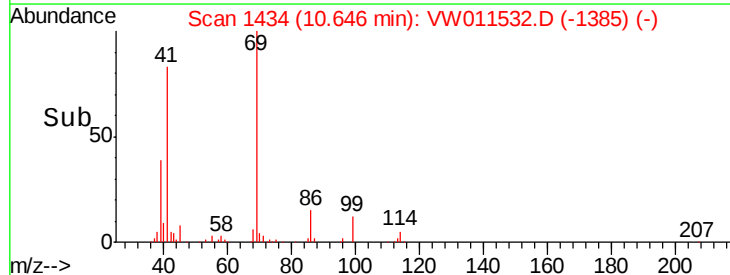
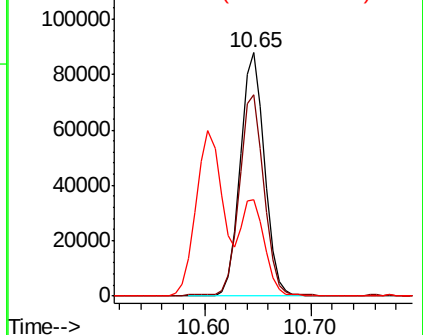


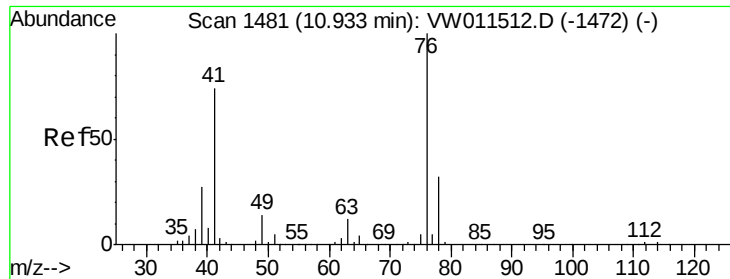
#56
 Ethyl methacrylate
 Concen: 53.542 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011532.D
 Acq: 26 Jul 2019 22:16

Tgt Ion: 69 Resp: 141374
 Ion Ratio Lower Upper
 69 100
 41 83.6 66.6 99.8
 39 37.5 30.3 45.5



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

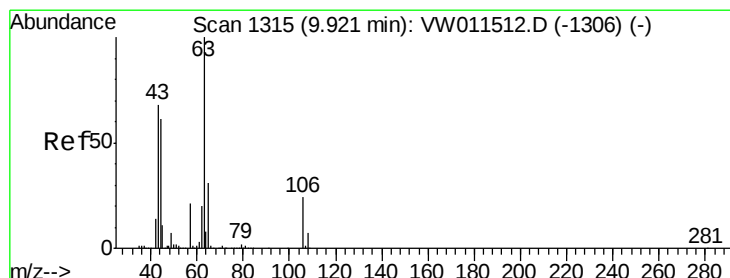
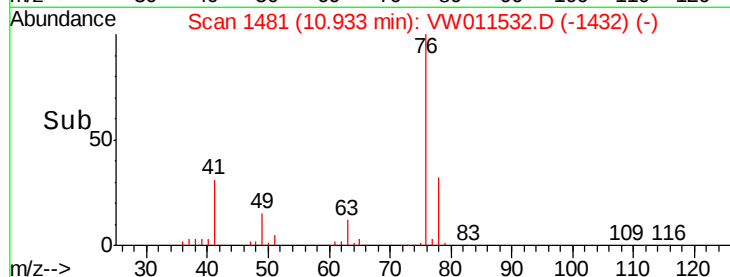
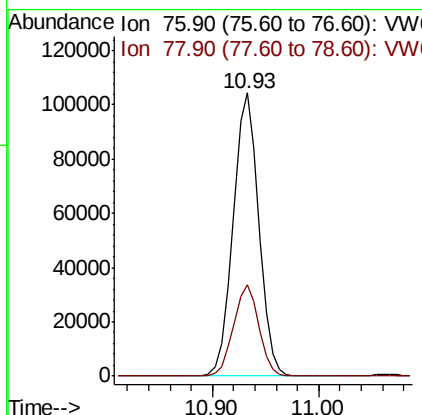
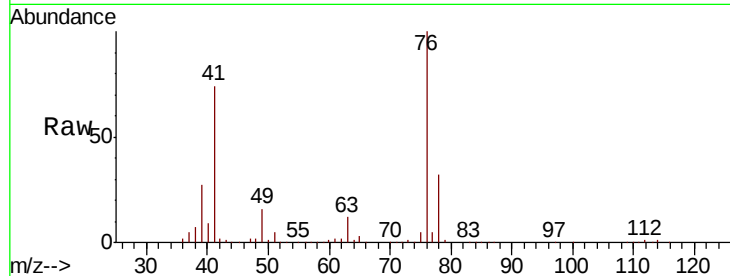




#57
 1,3-Dichloropropane
 Concen: 51.610 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011532.D
 Acq: 26 Jul 2019 22:16

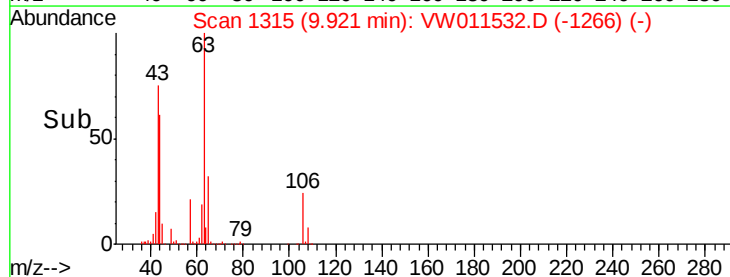
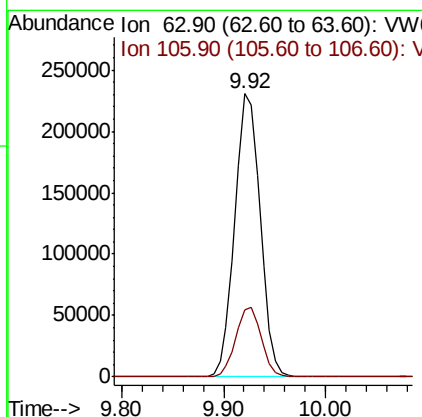
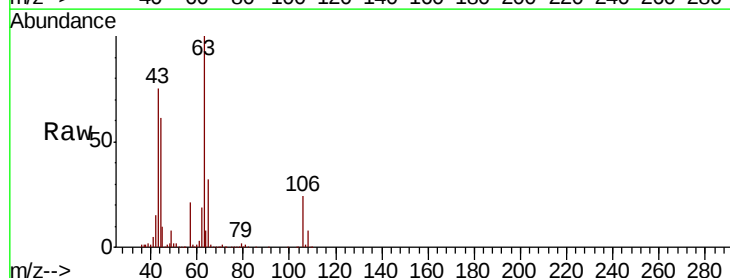
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBL02

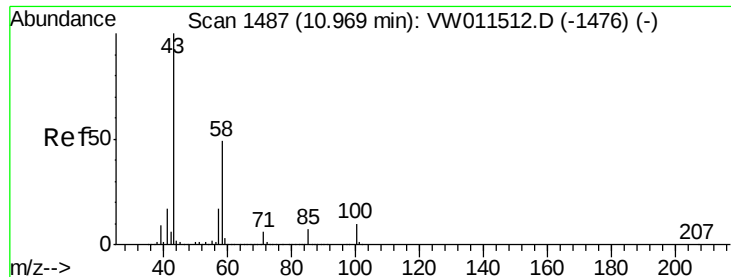
Tot Ion: 76 Resp: 176185
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 331.470 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011532.D
 Acq: 26 Jul 2019 22:16

Tgt Ion: 63 Resp: 397385
 Ion Ratio Lower Upper
 63 100
 106 24.7 19.7 29.5

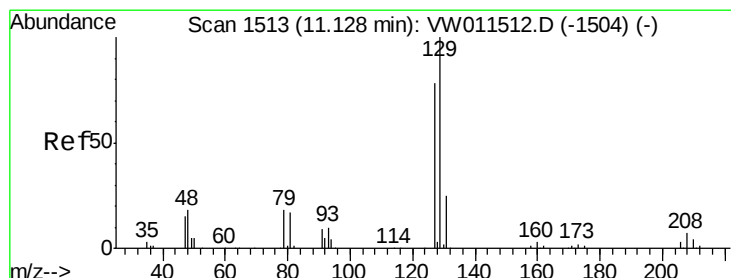
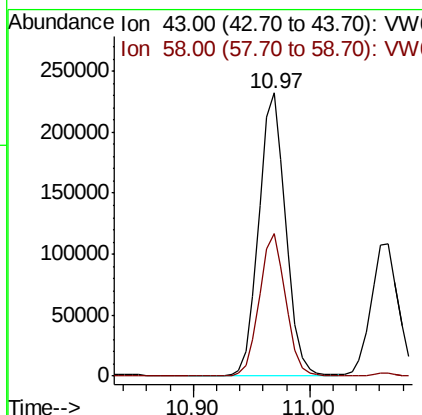
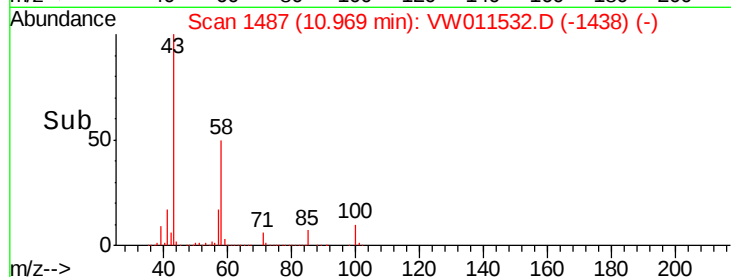
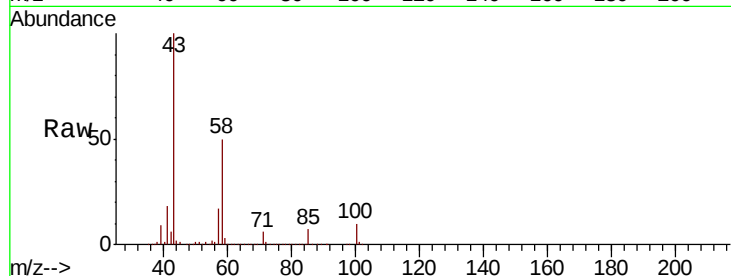




#59
2-Hexanone
Concen: 259.446 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

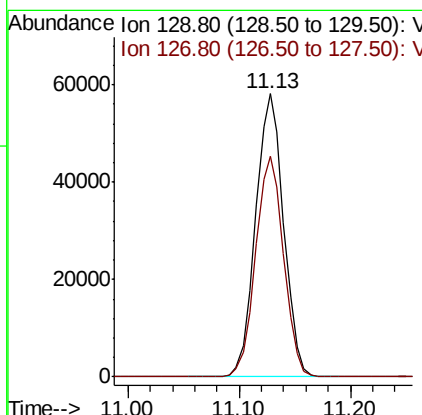
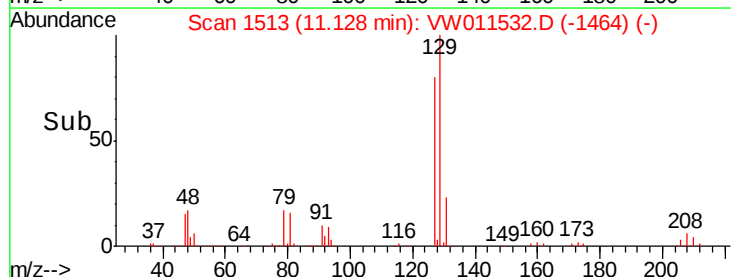
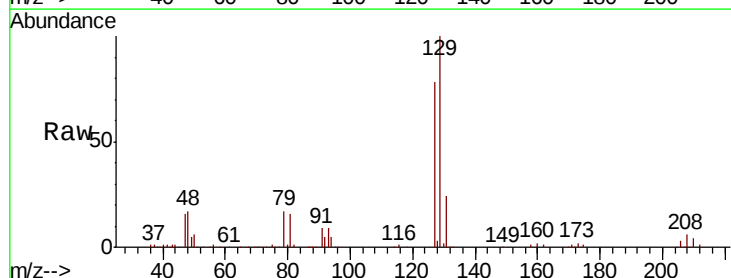
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBL02

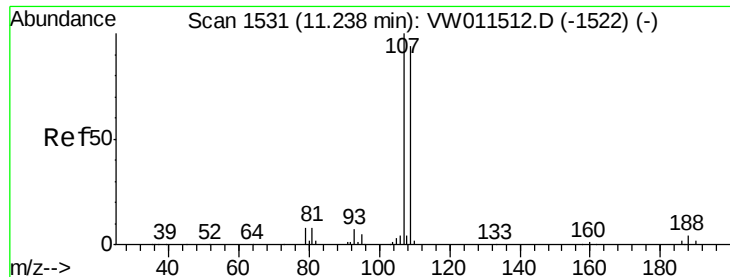
Tot Ion: 43 Resp: 374811
Ion Ratio Lower Upper
43 100
58 49.2 24.3 72.9



#60
Dibromochloromethane
Concen: 50.893 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

Tgt Ion: 129 Resp: 101935
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.7

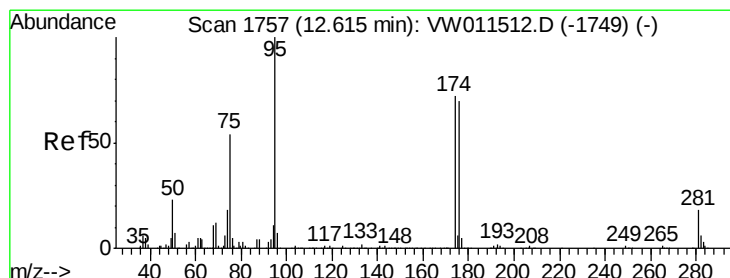
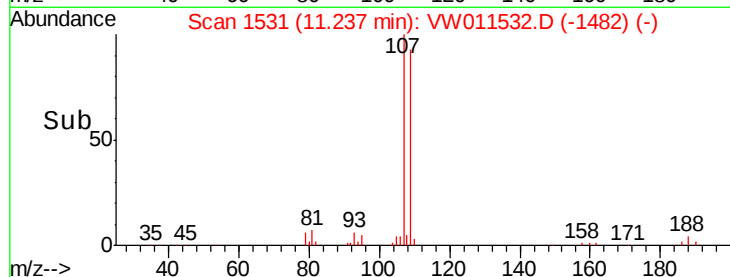
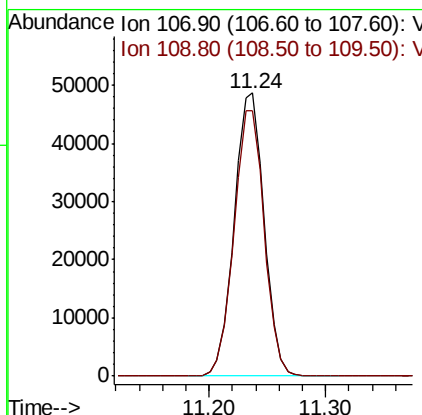
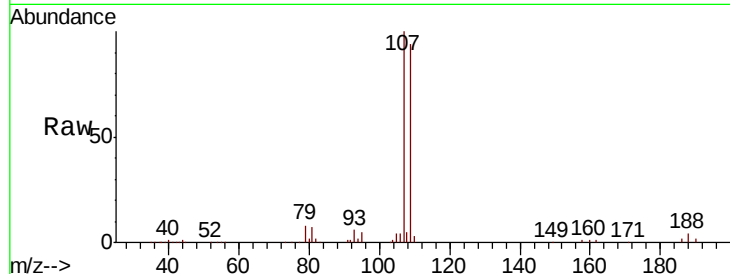




#61
 1,2-Dibromoethane
 Concen: 51.033 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW011532.D
 Acq: 26 Jul 2019 22:16

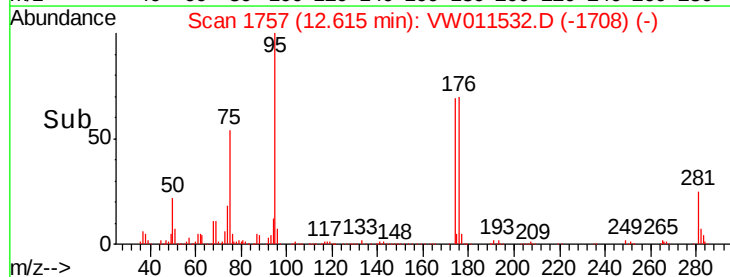
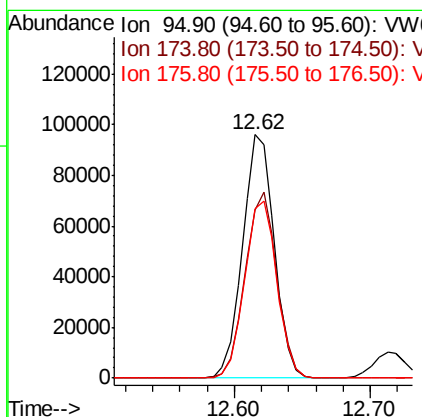
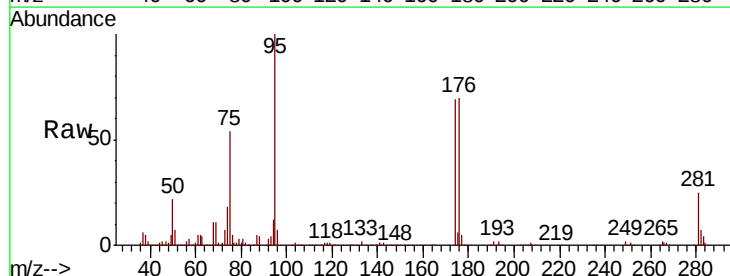
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBL02

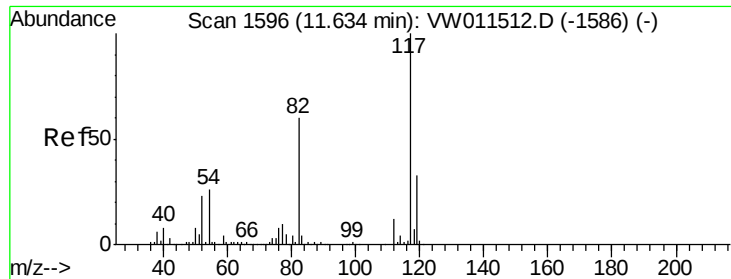
Tot Ion:107 Resp: 87142
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 53.429 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011532.D
 Acq: 26 Jul 2019 22:16

Tgt Ion: 95 Resp: 156437
 Ion Ratio Lower Upper
 95 100
 174 76.4 0.0 150.2
 176 74.3 0.0 144.4

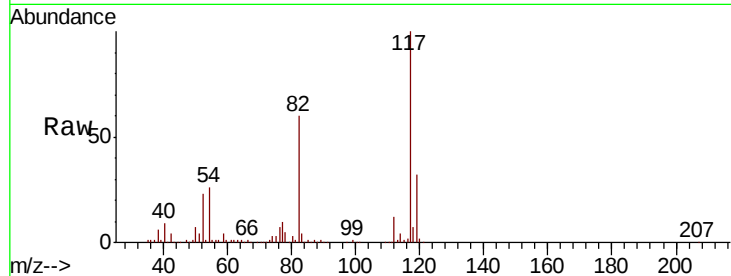




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	47.9	71.9
119	31.8	26.2	39.2

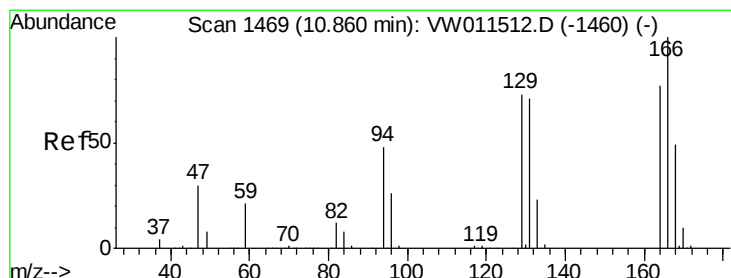
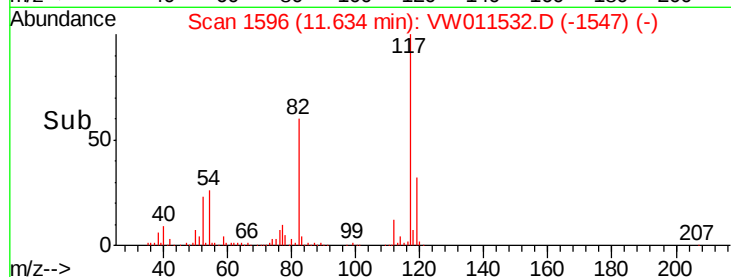
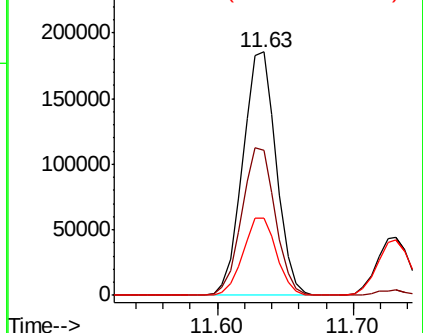


Abundance

Ion 116.90 (116.60 to 117.60): V

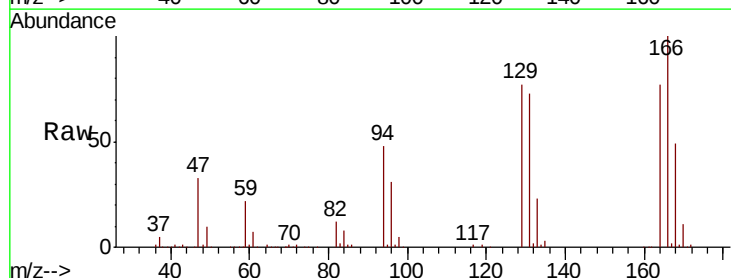
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 48.196 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	103.5	155.3
129	99.7	75.2	112.8
131	95.0	73.4	110.2



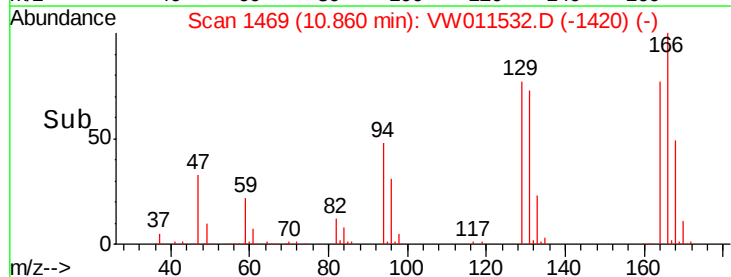
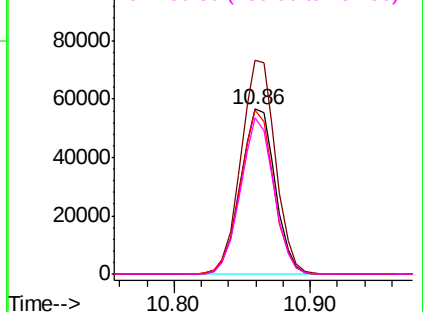
Abundance

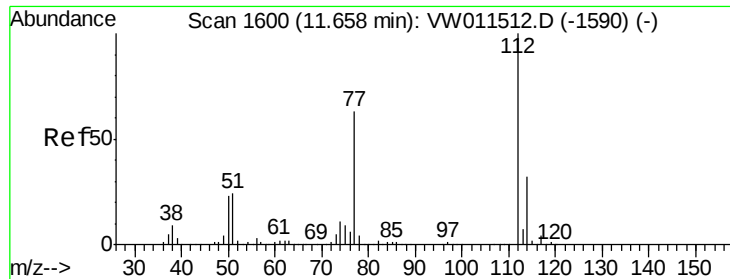
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

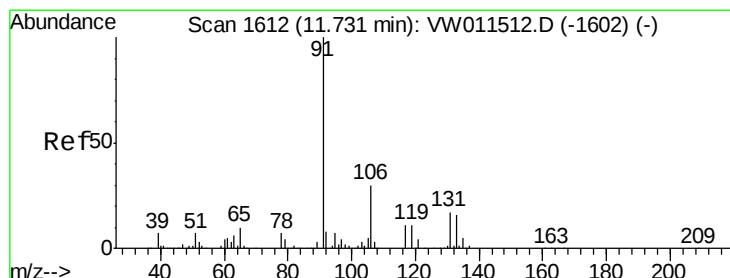
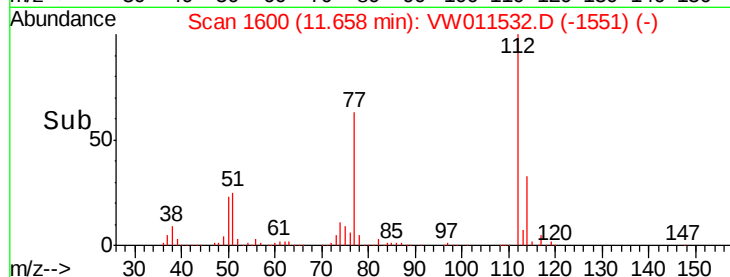
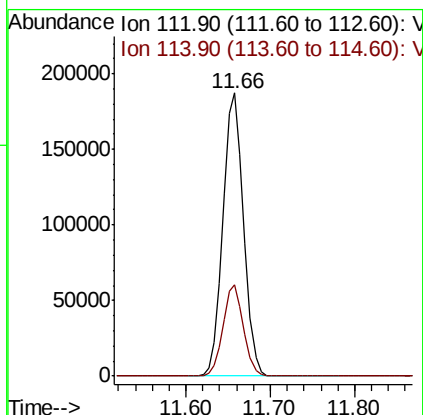
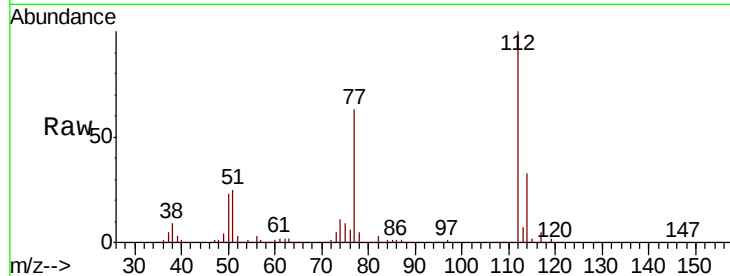




#65
Chlorobenzene
Concen: 49.241 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

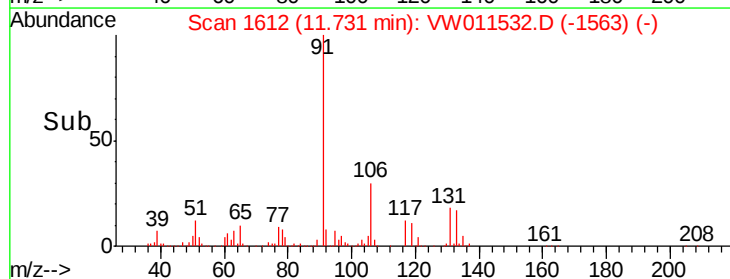
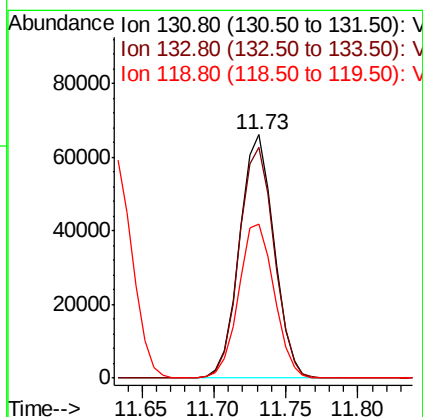
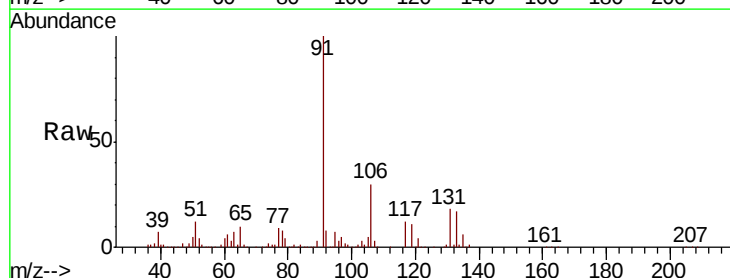
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBL02

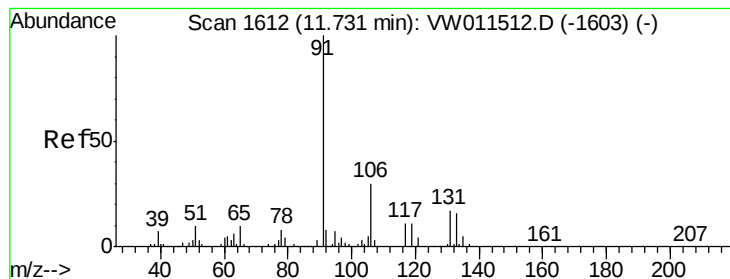
Tot Ion:112 Resp: 315763
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.222 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

Tgt Ion:131 Resp: 109946
Ion Ratio Lower Upper
131 100
133 96.6 47.4 142.2
119 65.4 32.3 96.9





#67

Ethyl Benzene

Concen: 48.325 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

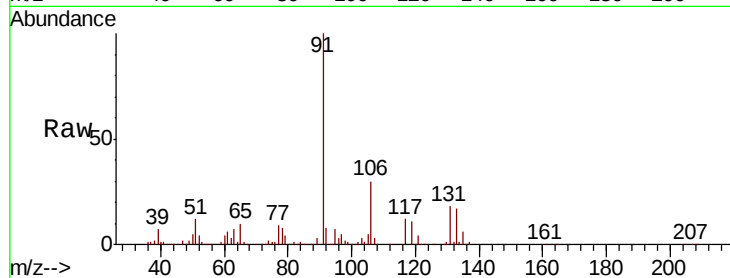
VW0727SBL02

Tot Ion: 91 Resp: 590196

Ion Ratio Lower Upper

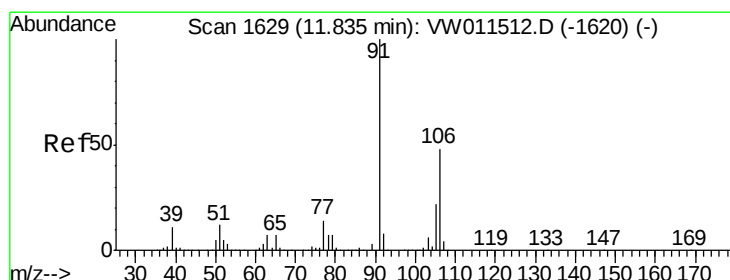
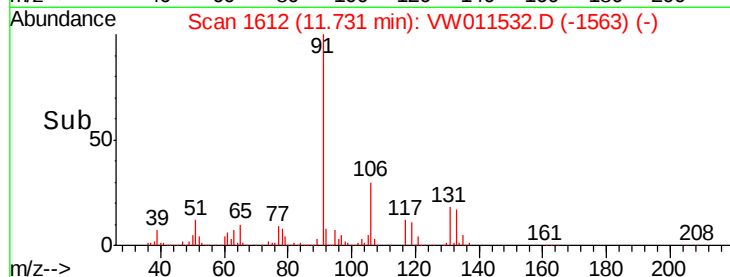
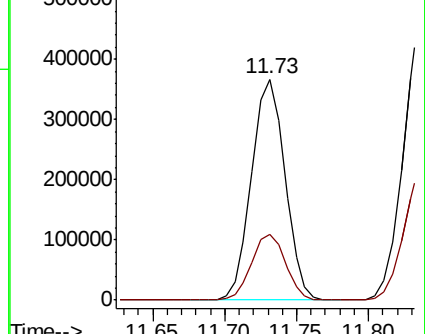
91 100

106 29.9 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 96.610 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW011532.D

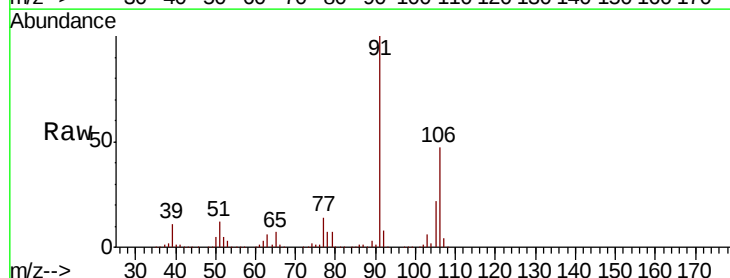
Acq: 26 Jul 2019 22:16

Tgt Ion: 106 Resp: 429099

Ion Ratio Lower Upper

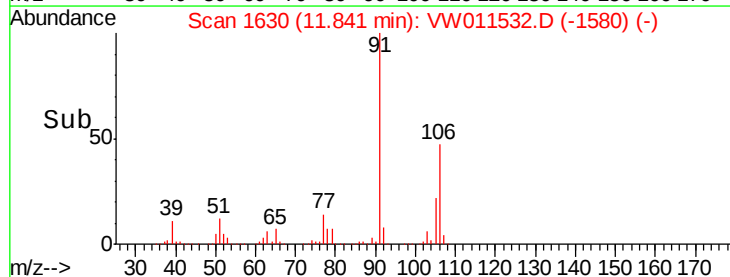
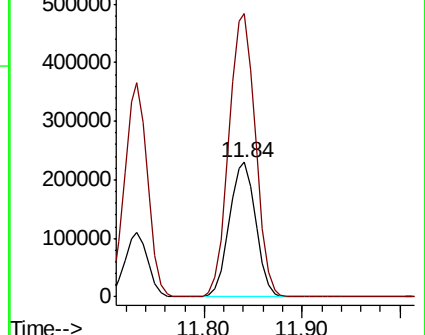
106 100

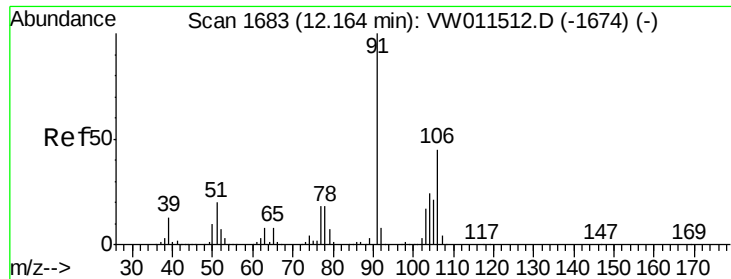
91 211.7 168.2 252.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

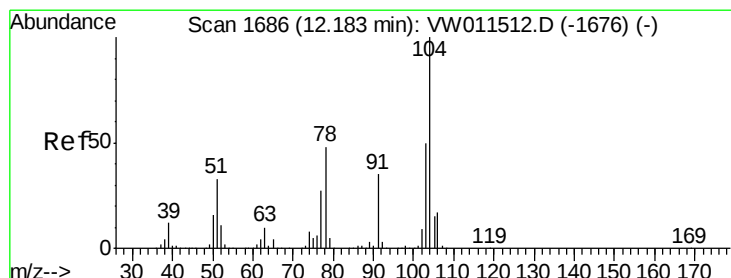
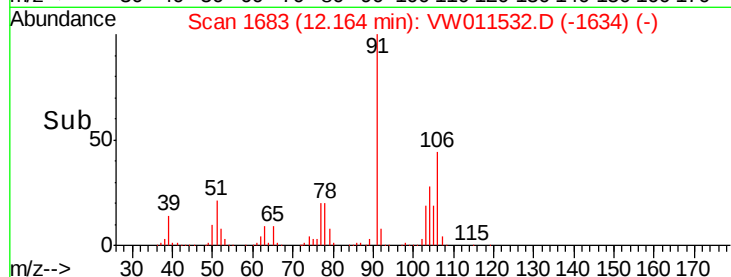
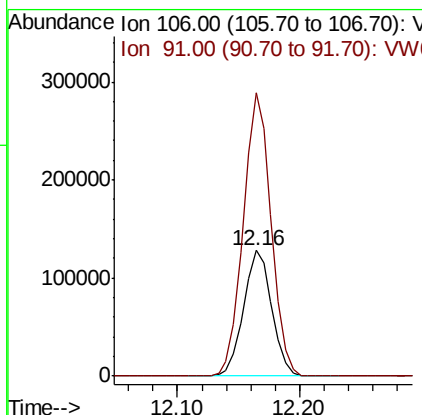
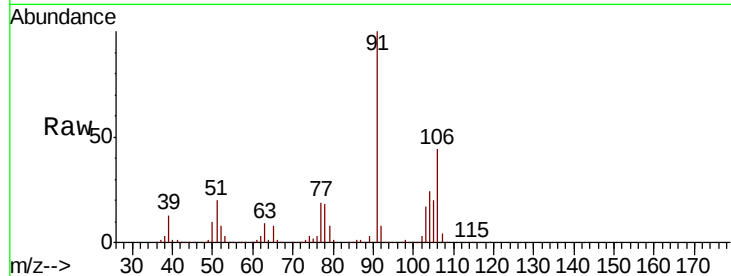




#69
o-Xylene
Concen: 49.340 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

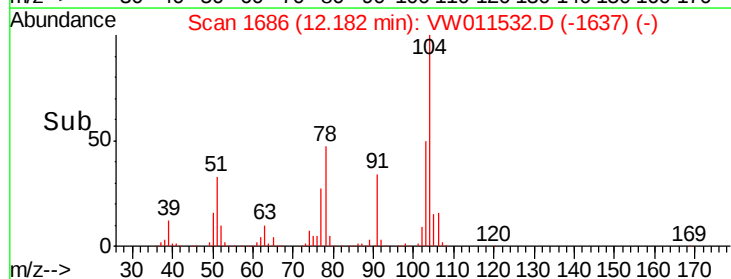
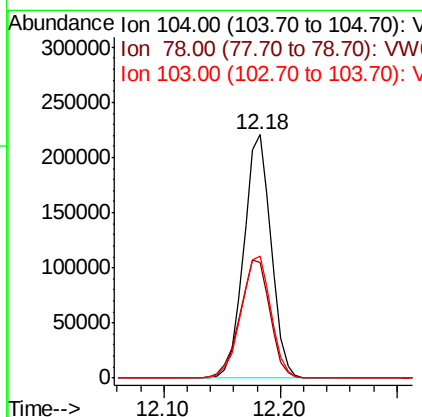
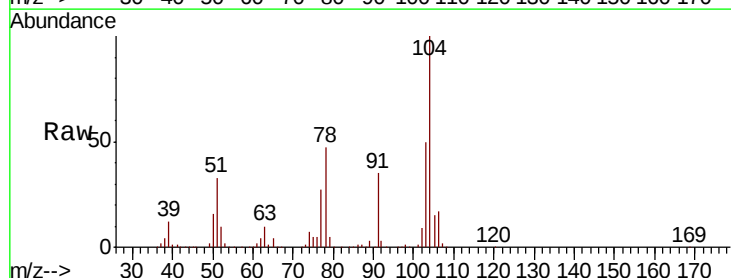
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBL02

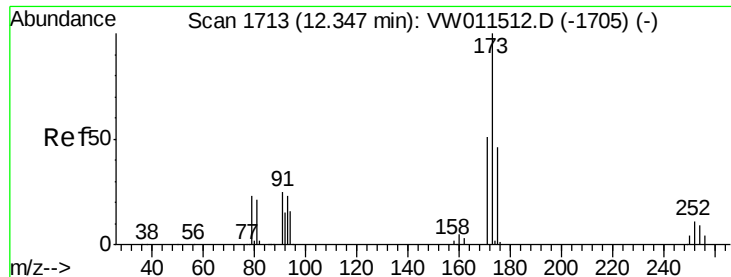
Tot Ion:106 Resp: 203646
Ion Ratio Lower Upper
106 100
91 223.2 110.5 331.5



#70
Styrene
Concen: 50.400 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

Tgt Ion:104 Resp: 359667
Ion Ratio Lower Upper
104 100
78 53.7 43.4 65.0
103 55.0 43.9 65.9





#71

Bromoform

Concen: 50.888 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBL02

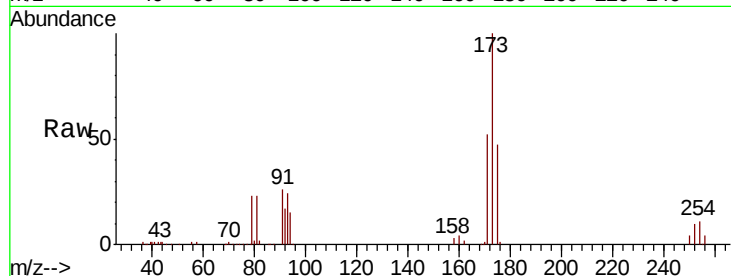
Tot Ion:173 Resp: 57955

Ion Ratio Lower Upper

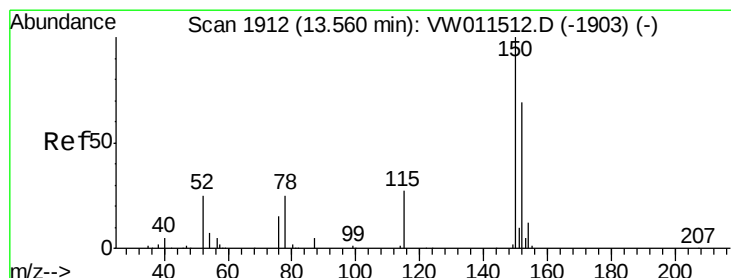
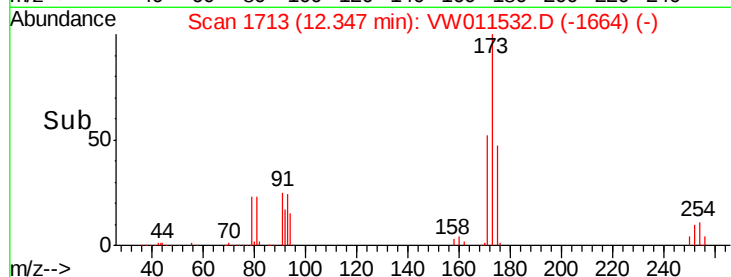
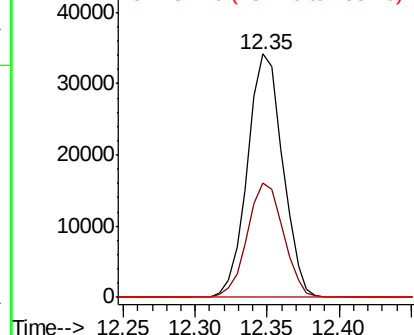
173 100

175 48.2 23.6 71.0

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

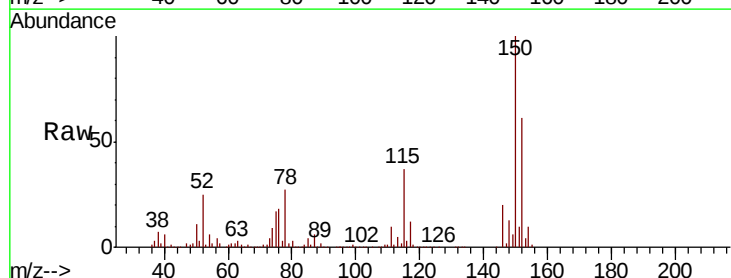
Tgt Ion:152 Resp: 153610

Ion Ratio Lower Upper

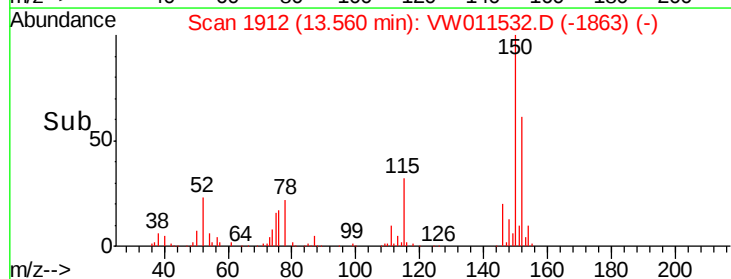
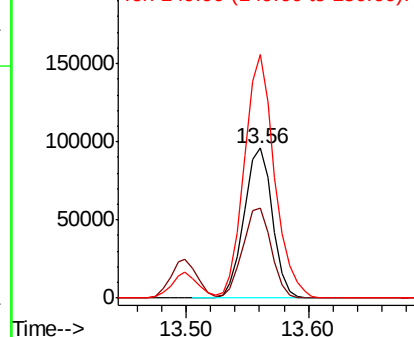
152 100

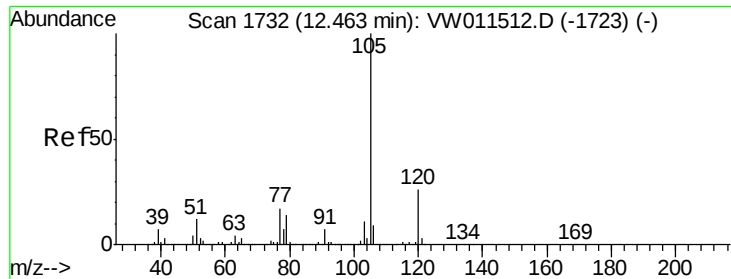
115 60.7 30.5 91.5

150 172.7 0.0 352.6



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: 48.385 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

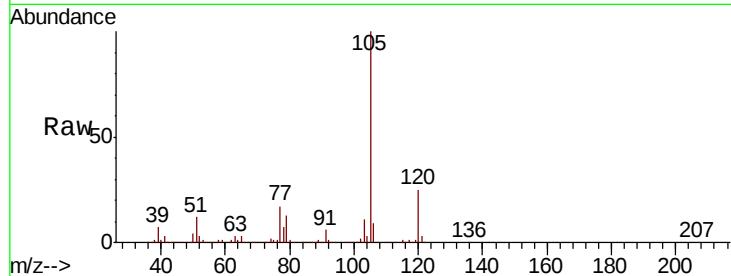
VW0727SBL02

Tot Ion:105 Resp: 554477

Ion Ratio Lower Upper

105 100

120 25.3 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

400000

300000

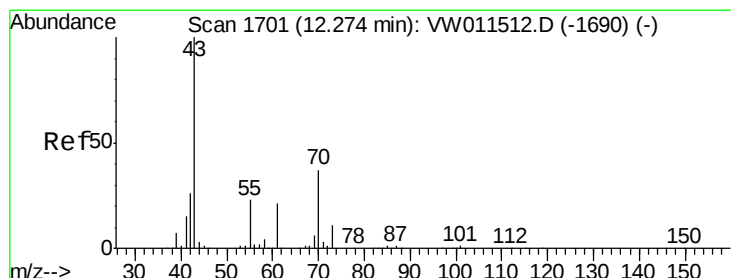
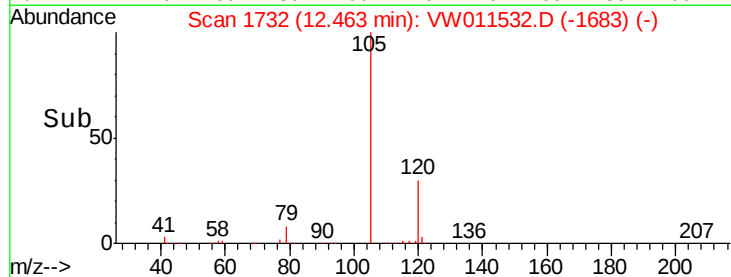
200000

100000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 51.806 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Tgt Ion: 43 Resp: 185866

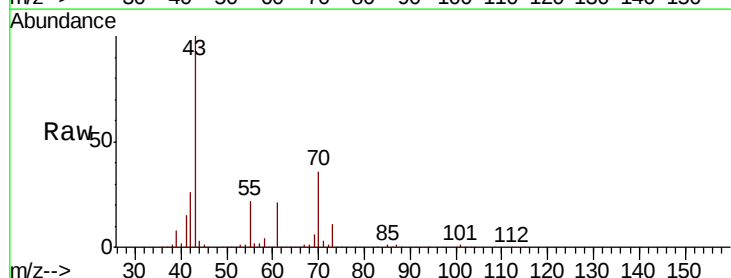
Ion Ratio Lower Upper

43 100

70 36.3 28.6 43.0

55 22.8 17.8 26.8

61 21.5 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

200000

150000

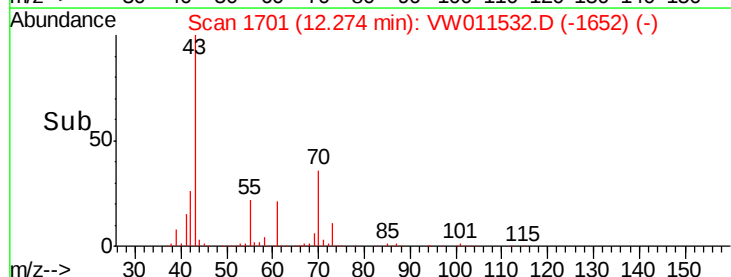
100000

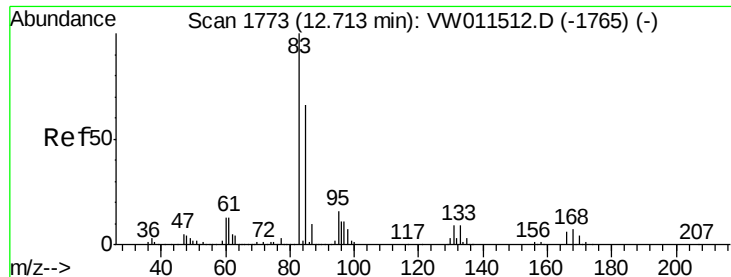
50000

0

Time-->

12.20 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 51.914 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBL02

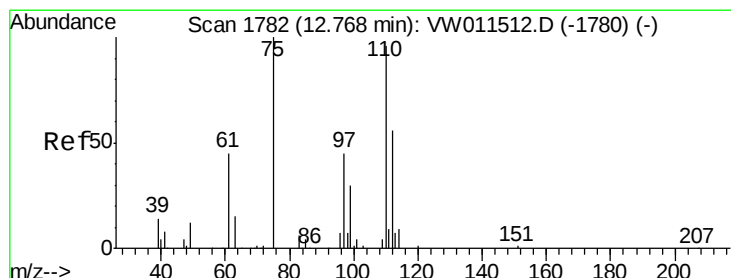
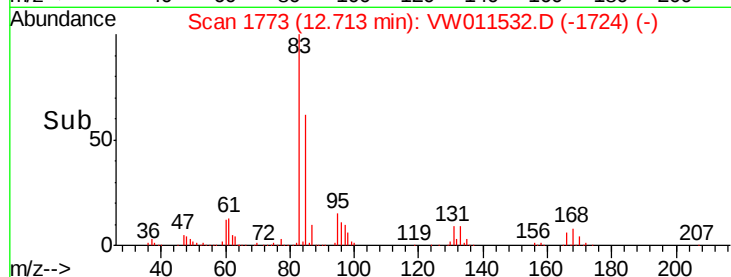
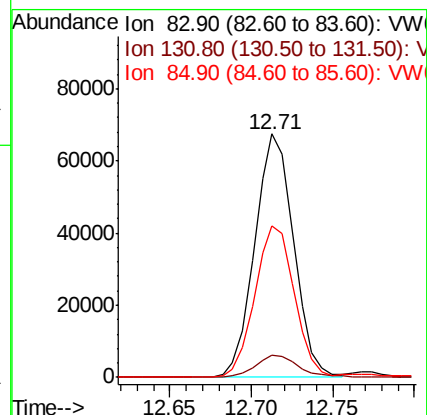
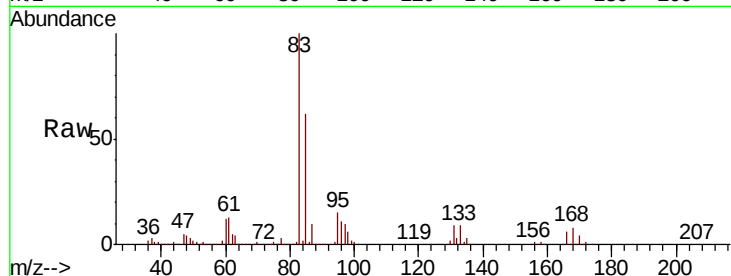
Tot Ion: 83 Resp: 111904

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

85 63.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 90.190 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011532.D

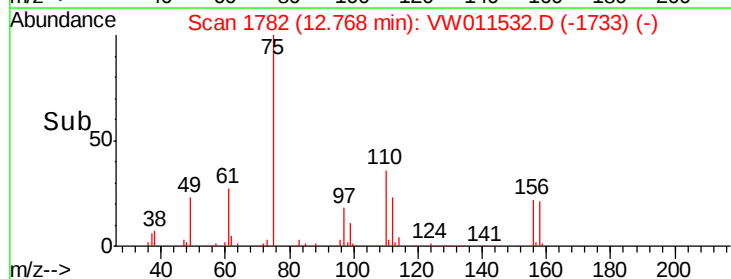
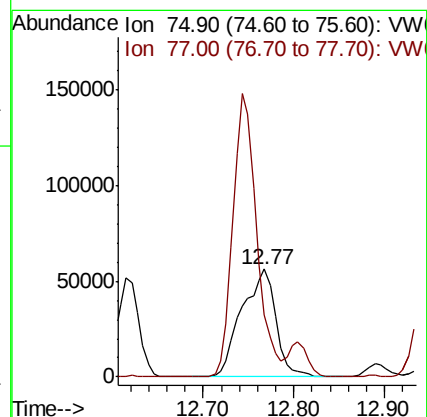
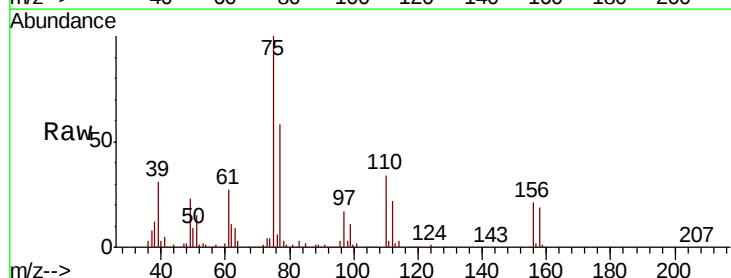
Acq: 26 Jul 2019 22:16

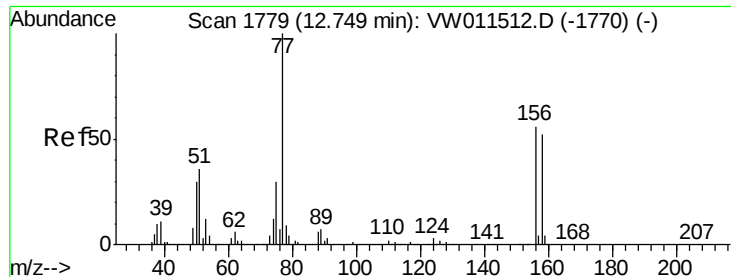
Tgt Ion: 75 Resp: 146592

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.123 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBL02

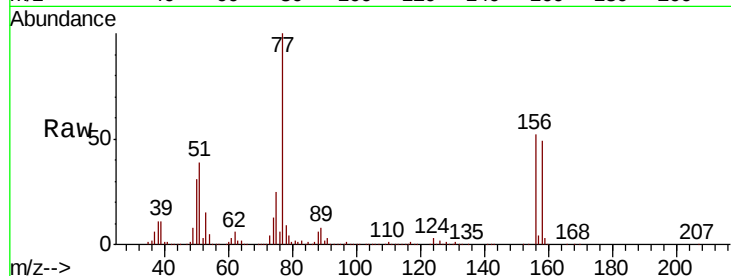
Tot Ion:156 Resp: 126959

Ion Ratio Lower Upper

156 100

77 213.0 106.5 319.4

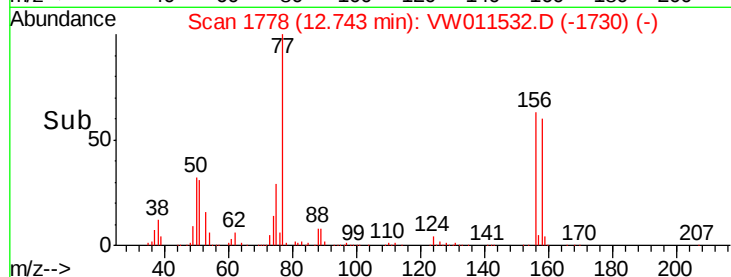
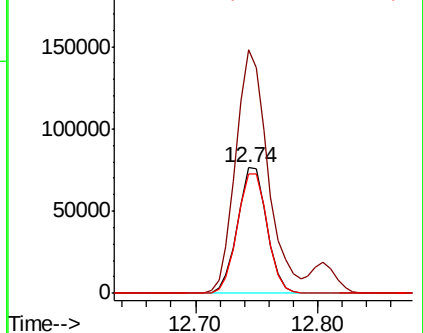
158 97.0 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.315 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011532.D

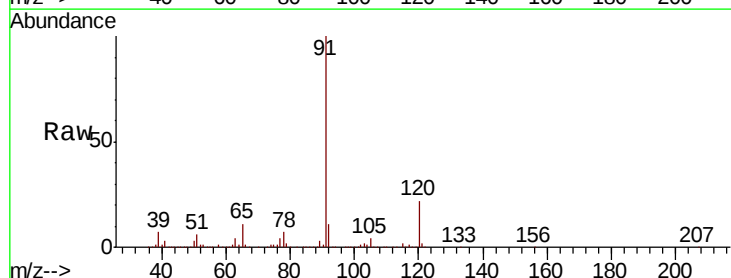
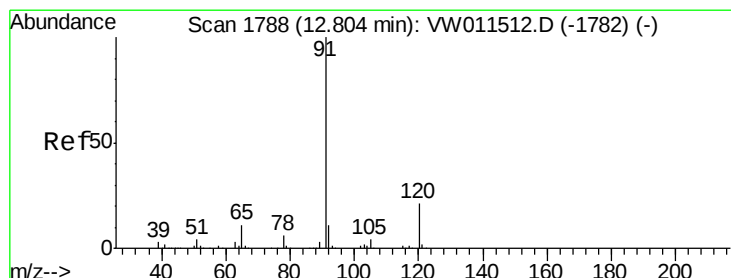
Acq: 26 Jul 2019 22:16

Tgt Ion: 91 Resp: 673826

Ion Ratio Lower Upper

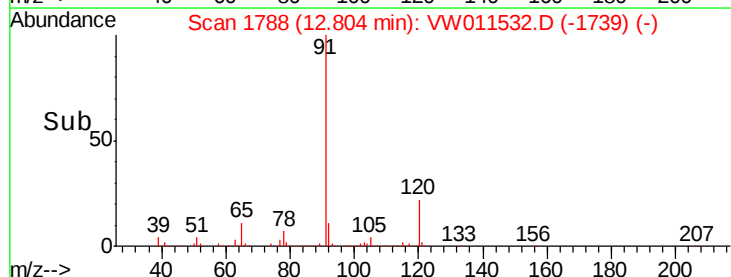
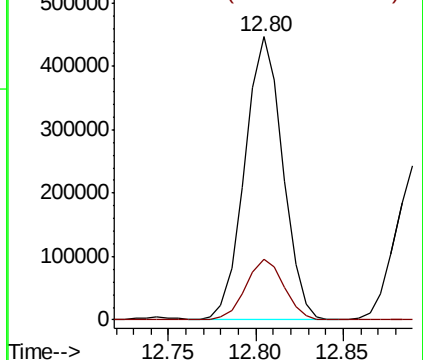
91 100

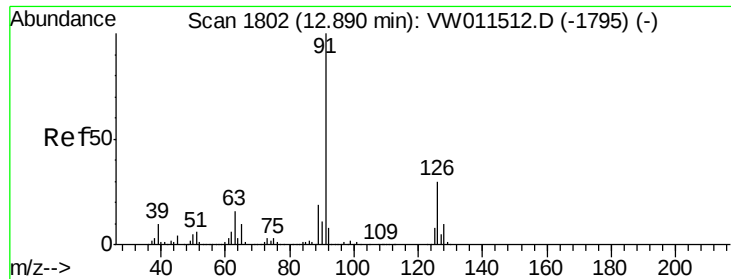
120 21.6 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.666 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

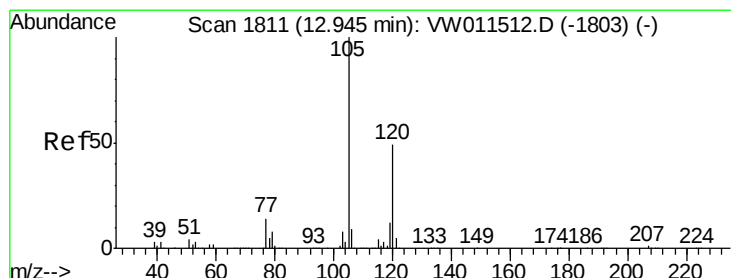
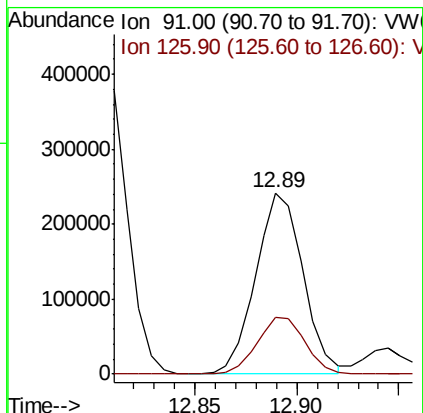
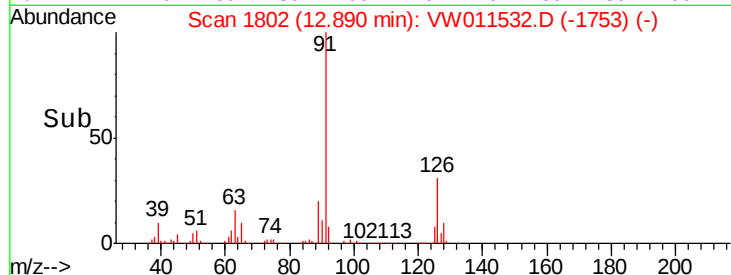
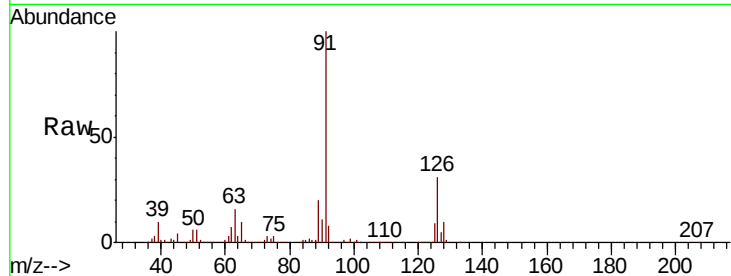
VW0727SBL02

Tot Ion: 91 Resp: 391010

Ion Ratio Lower Upper

91 100

126 32.0 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 49.078 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011532.D

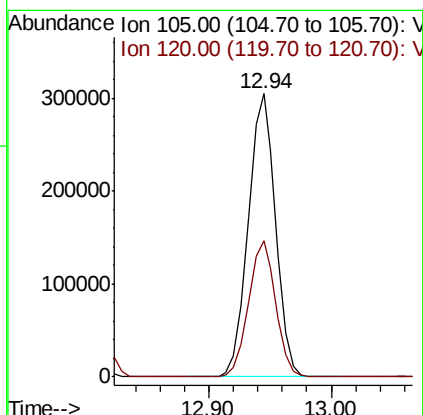
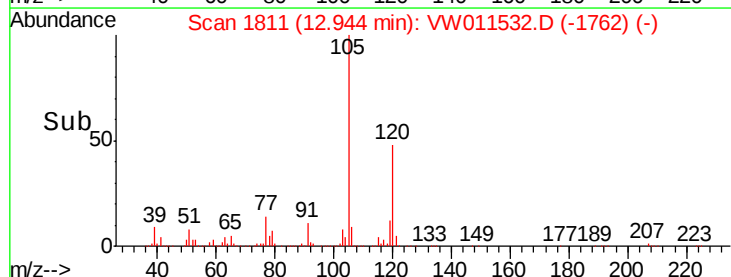
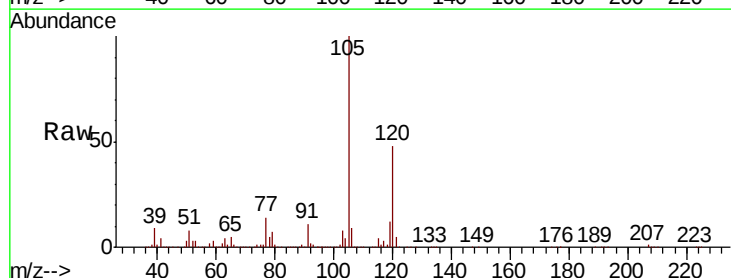
Acq: 26 Jul 2019 22:16

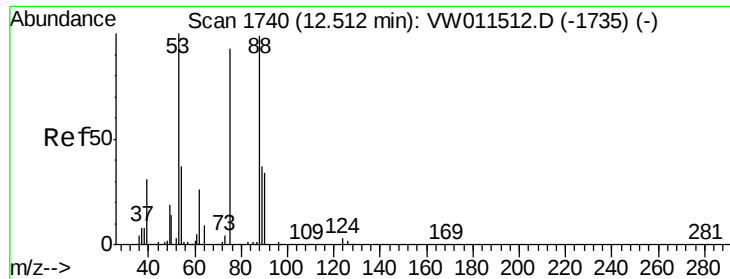
Tgt Ion:105 Resp: 471447

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 50.609 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBL02

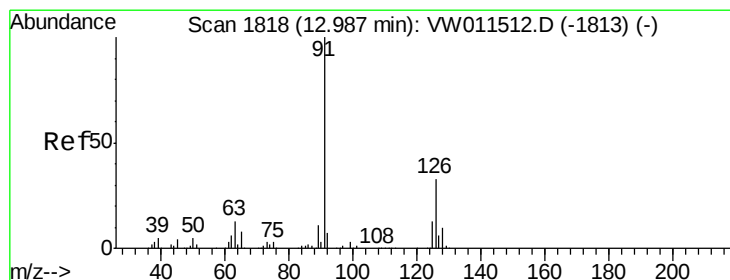
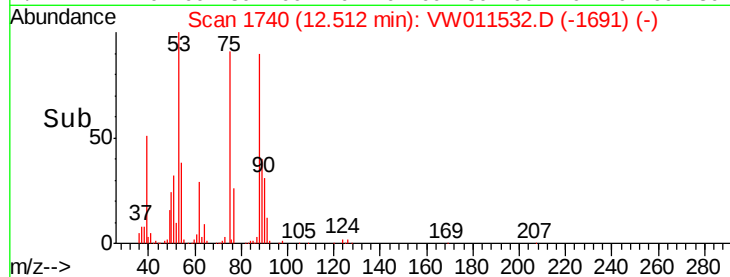
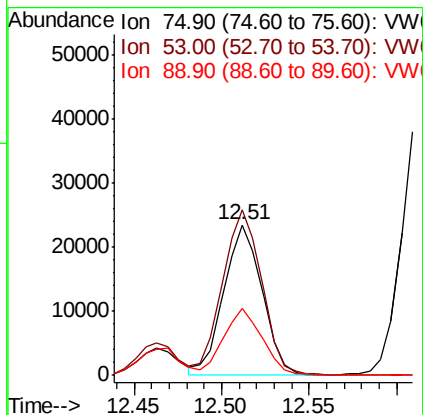
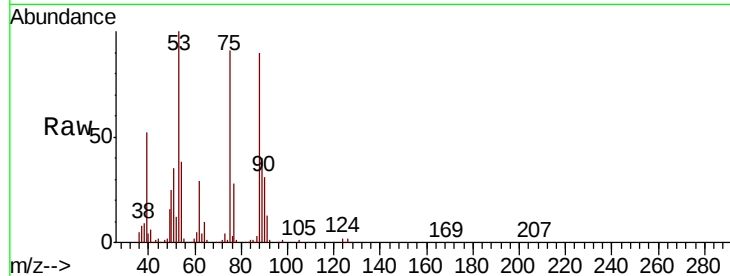
Tot Ion: 75 Resp: 35692

Ion Ratio Lower Upper

75 100

53 113.3 88.0 132.0

89 44.5 35.3 52.9



#82

4-Chlorotoluene

Concen: 49.296 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW011532.D

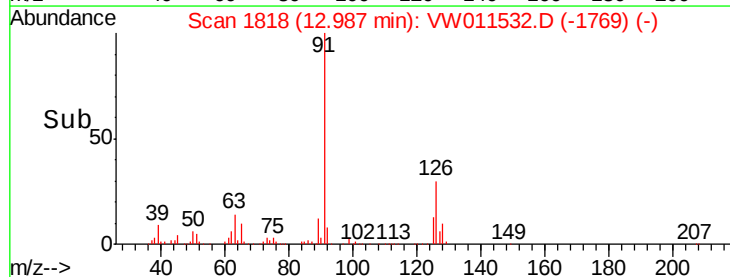
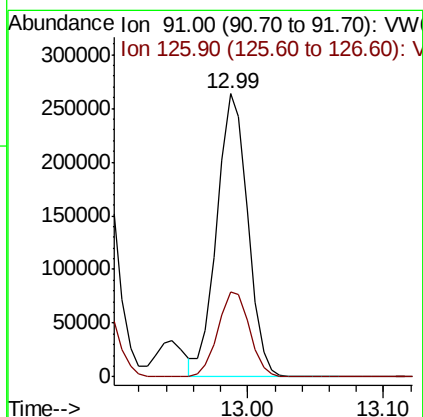
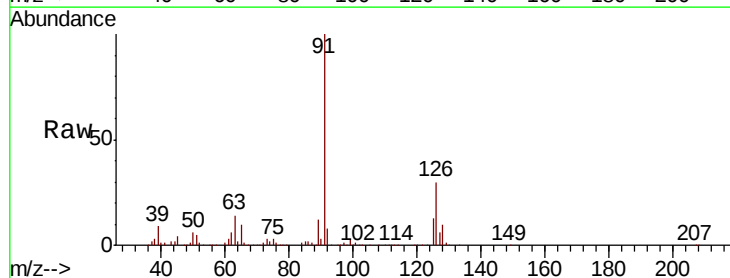
Acq: 26 Jul 2019 22:16

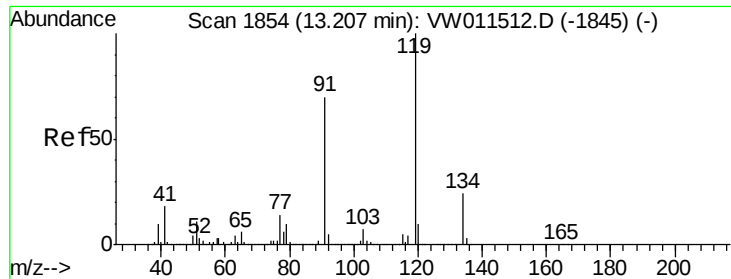
Tgt Ion: 91 Resp: 415563

Ion Ratio Lower Upper

91 100

126 30.6 15.6 46.8

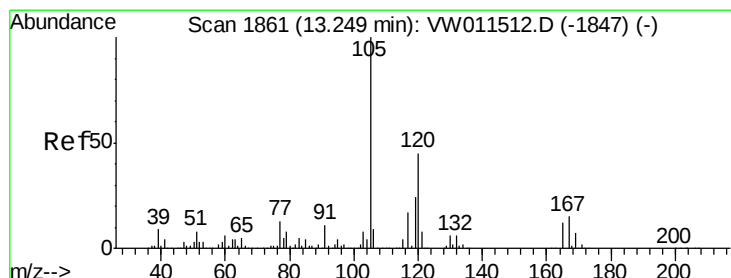
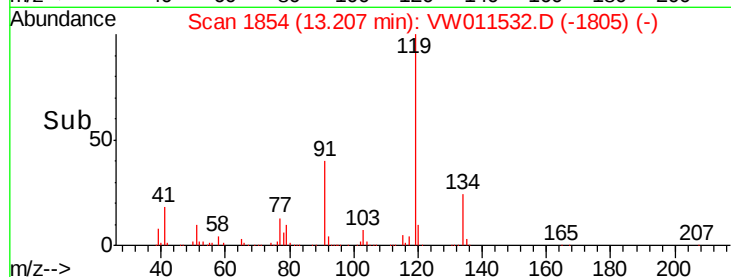
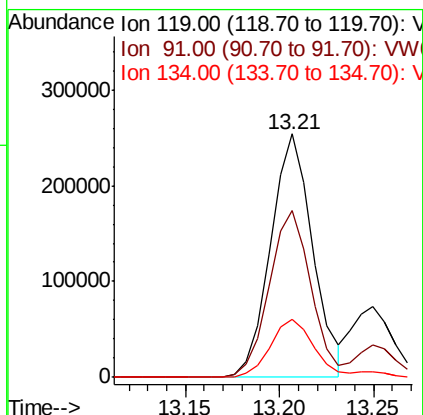
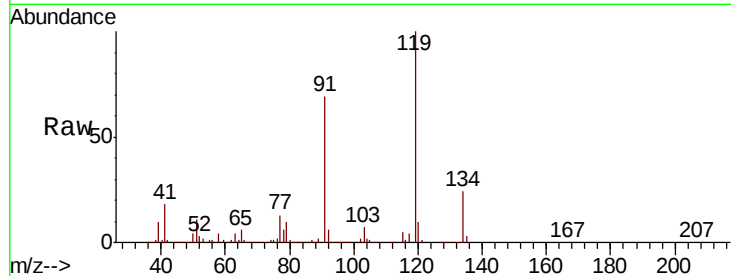




#83
tert-Butylbenzene
Concen: 49.022 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

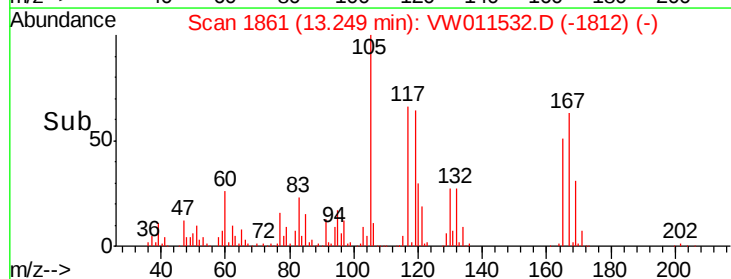
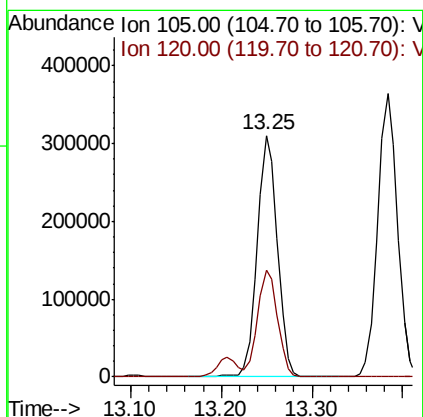
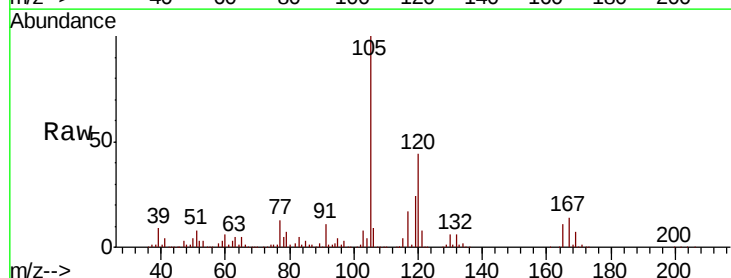
Instrument :
MSVOA_W
ClientSampleId :
VW0727SBL02

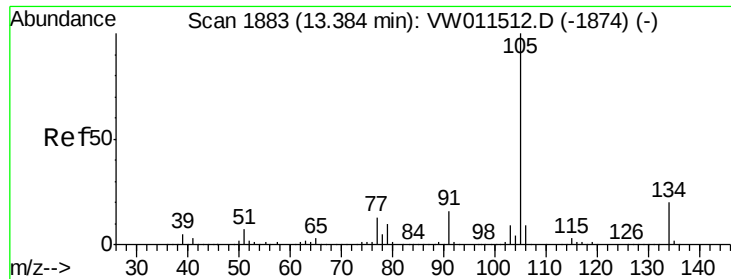
Tot Ion:119 Resp: 393793
Ion Ratio Lower Upper
119 100
91 67.9 34.5 103.6
134 24.6 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 49.454 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW011532.D
Acq: 26 Jul 2019 22:16

Tgt Ion:105 Resp: 478556
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.5

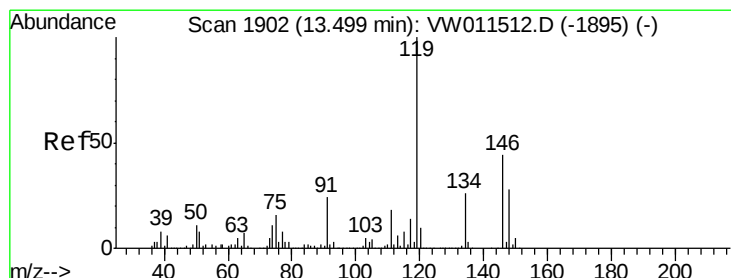
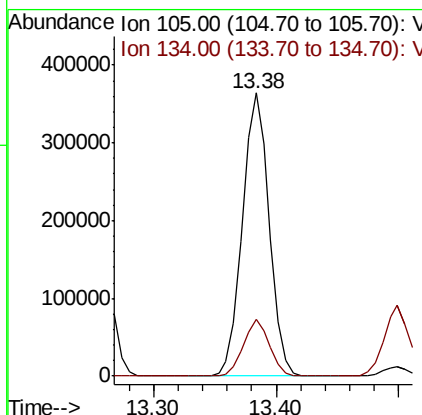
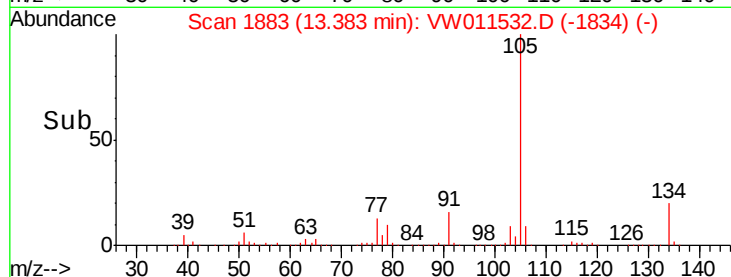
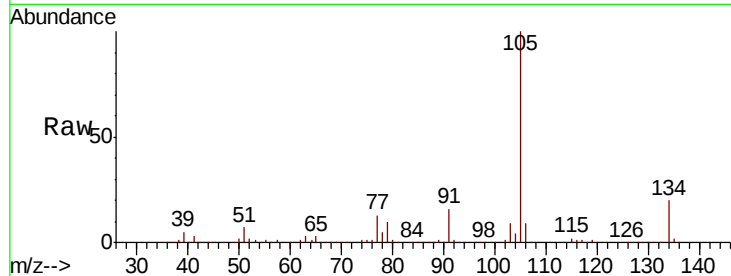




#85
 sec-Butylbenzene
 Concen: 48.071 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011532.D
 Acq: 26 Jul 2019 22:16

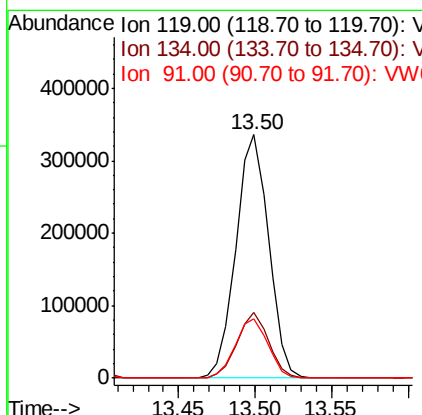
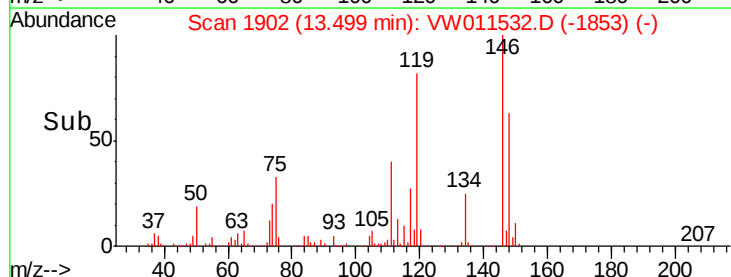
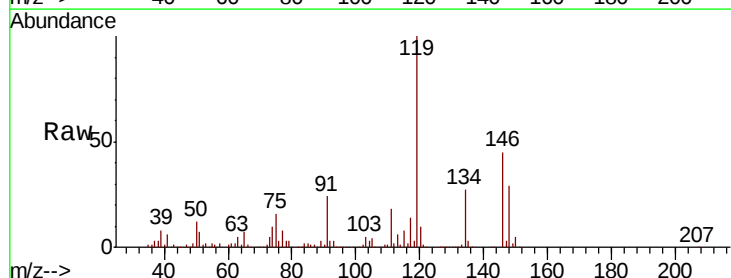
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBL02

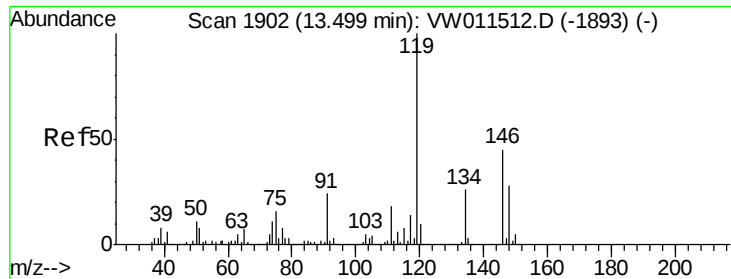
Tot Ion:105 Resp: 550999
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 47.844 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011532.D
 Acq: 26 Jul 2019 22:16

Tgt Ion:119 Resp: 497569
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.4
 91 24.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 48.855 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBL02

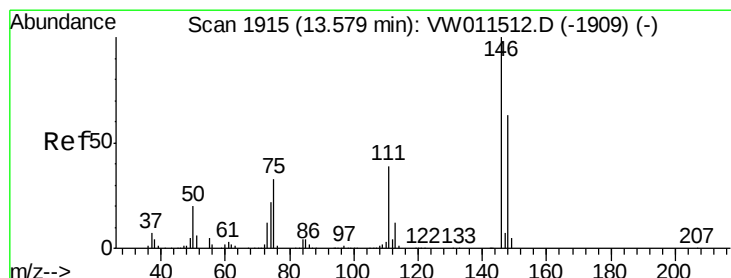
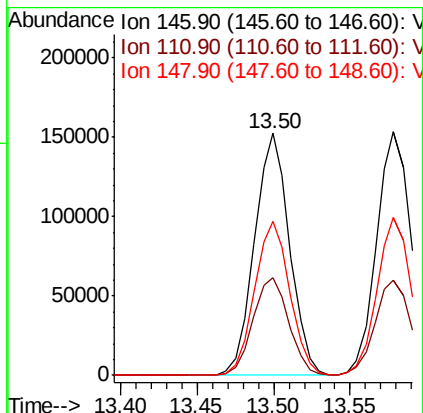
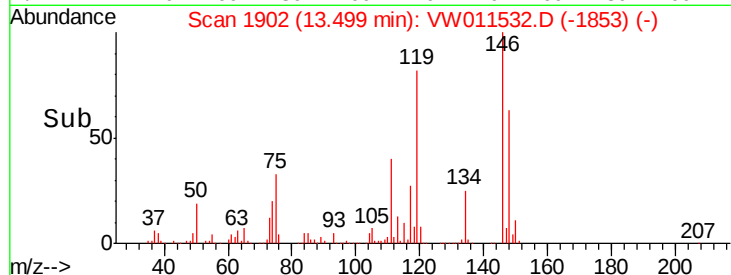
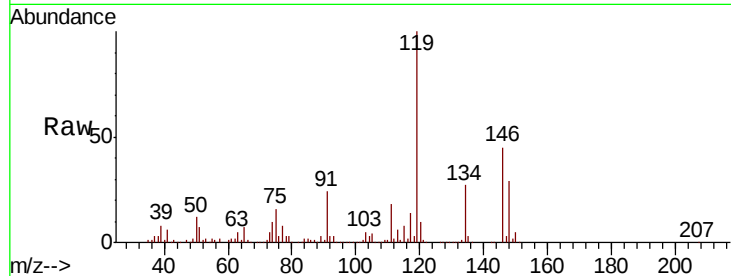
Tot Ion:146 Resp: 242641

Ion Ratio Lower Upper

146 100

111 41.4 20.5 61.6

148 63.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 48.989 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

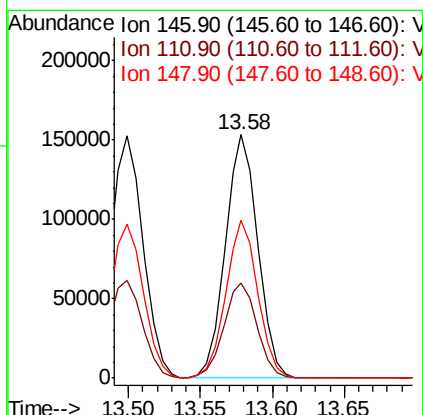
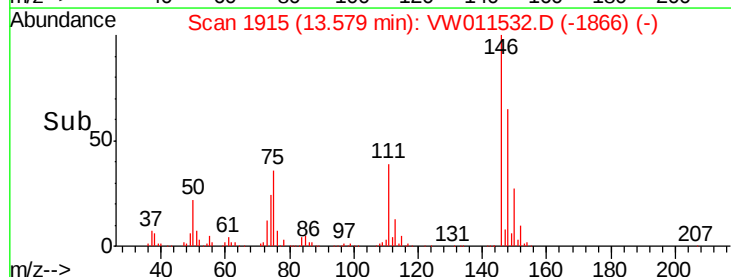
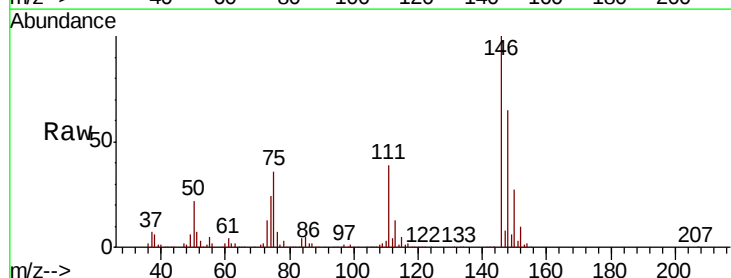
Tgt Ion:146 Resp: 242030

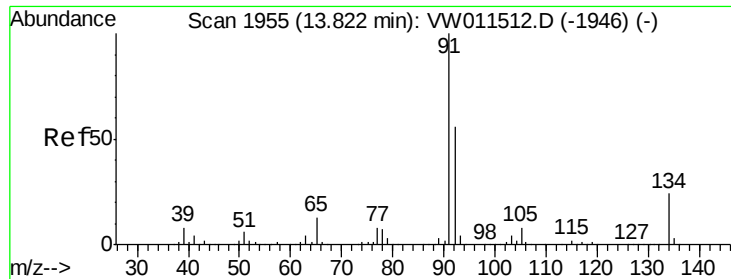
Ion Ratio Lower Upper

146 100

111 39.9 20.1 60.2

148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 47.070 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBL02

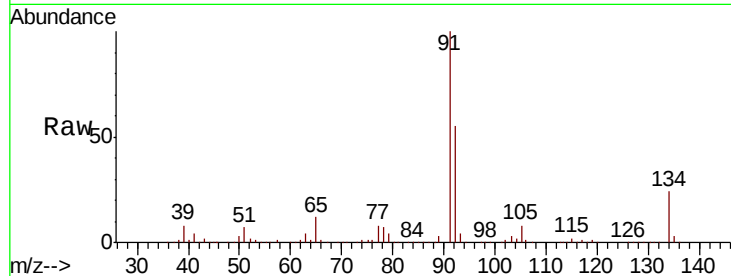
Tot Ion: 91 Resp: 488506

Ion Ratio Lower Upper

91 100

92 54.4 27.5 82.4

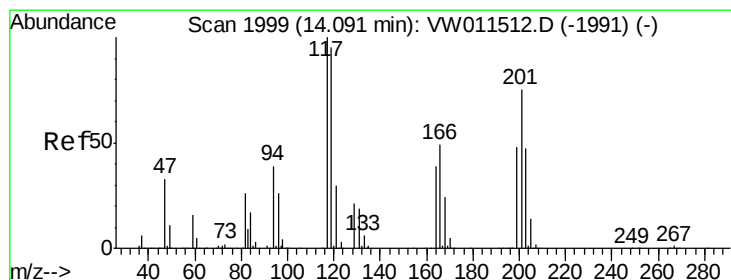
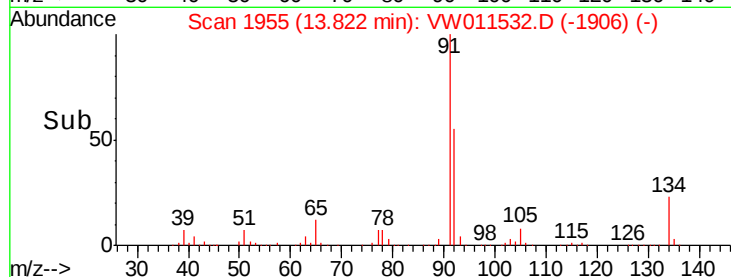
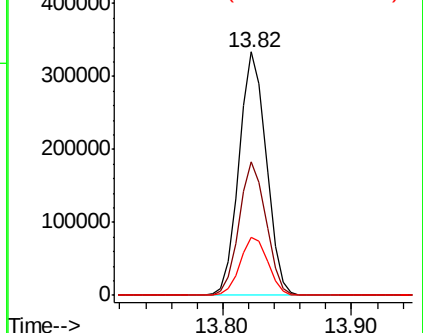
134 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 48.287 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW011532.D

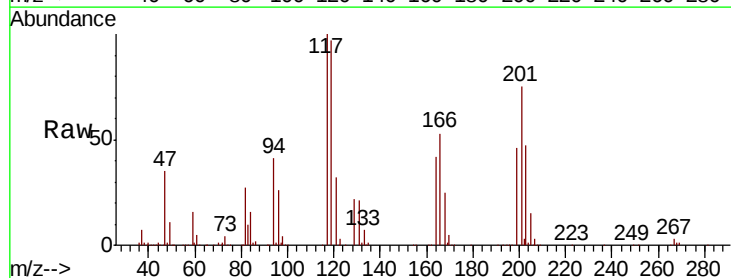
Acq: 26 Jul 2019 22:16

Tgt Ion: 117 Resp: 88799

Ion Ratio Lower Upper

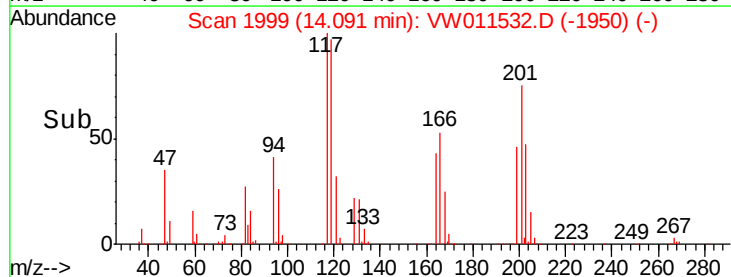
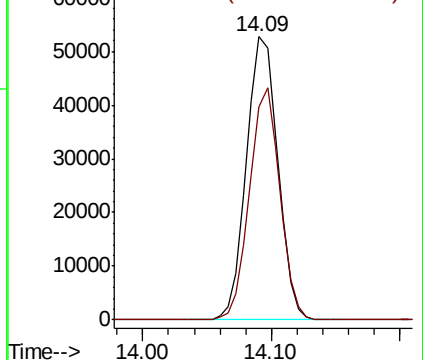
117 100

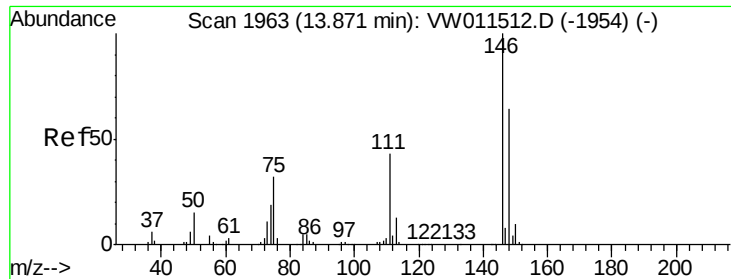
201 78.9 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

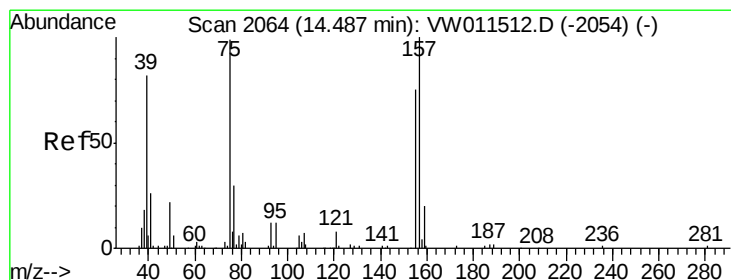
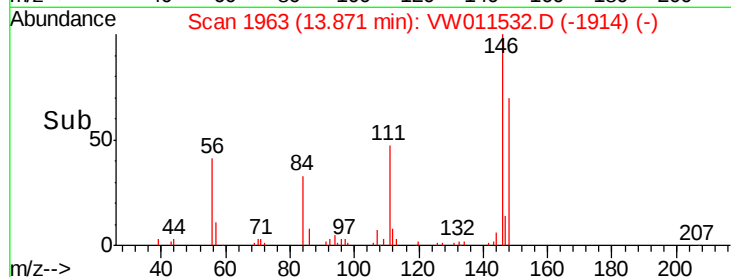
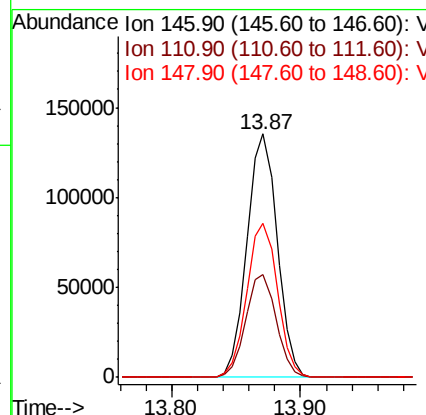
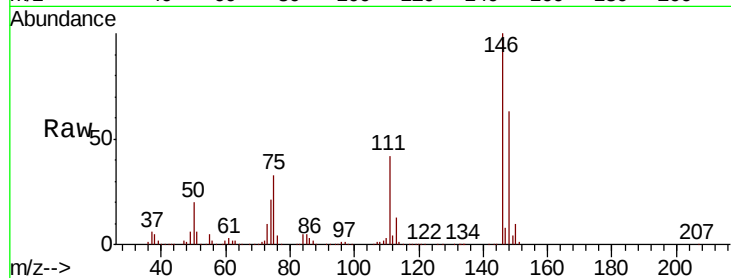




#91
 1,2-Dichlorobenzene
 Concen: 49.889 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011532.D
 Acq: 26 Jul 2019 22:16

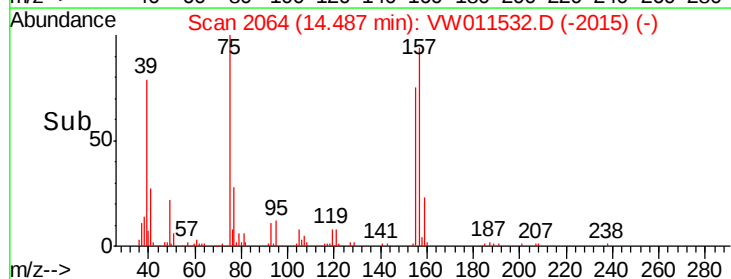
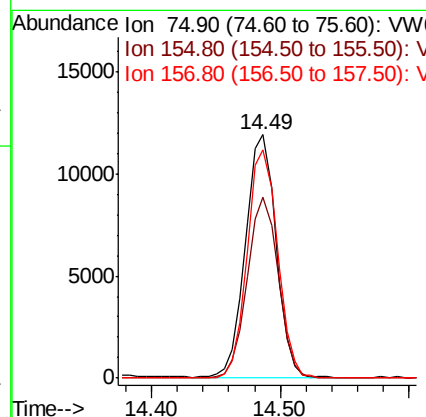
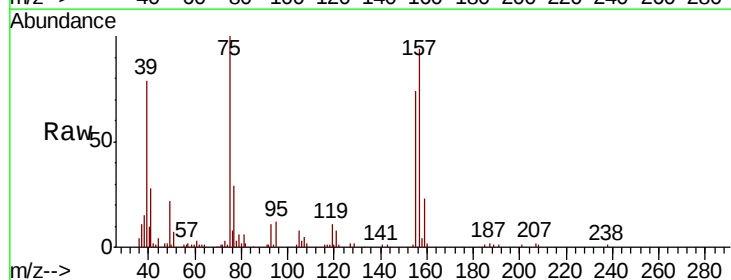
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBL02

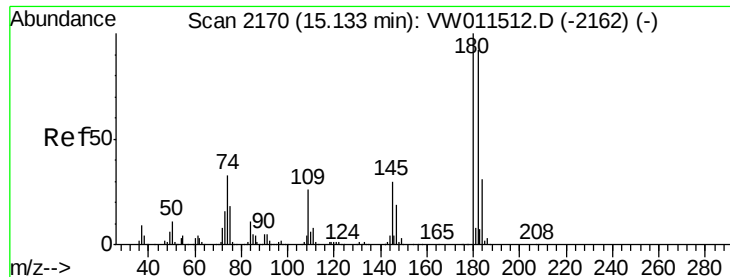
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.6	65.0
148	63.9	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.469 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011532.D
 Acq: 26 Jul 2019 22:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.6	38.2	114.6
157	92.6	48.9	146.7





#93

1,2,4-Trichlorobenzene

Concen: 49.865 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBL02

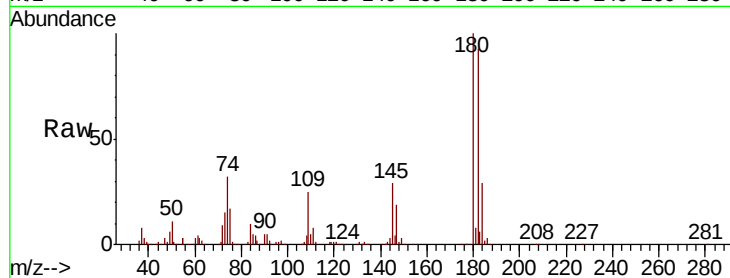
Tot Ion:180 Resp: 154373

Ion Ratio Lower Upper

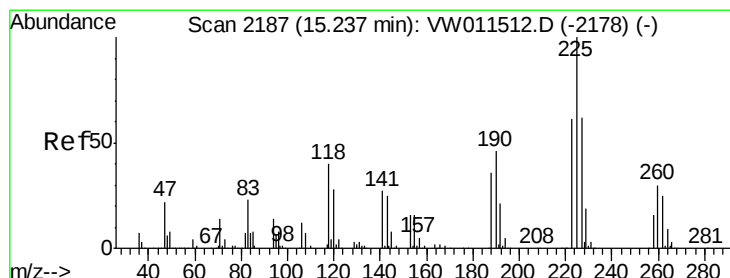
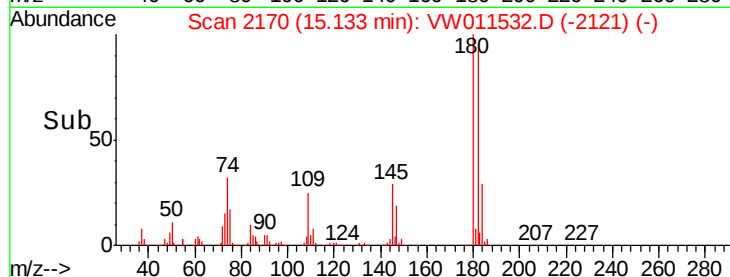
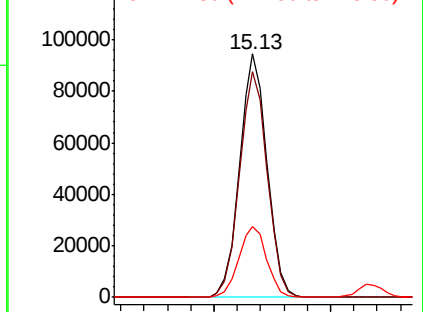
180 100

182 93.9 47.4 142.2

145 29.8 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 46.217 ug/l

RT: 15.24 min Scan# 2187

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

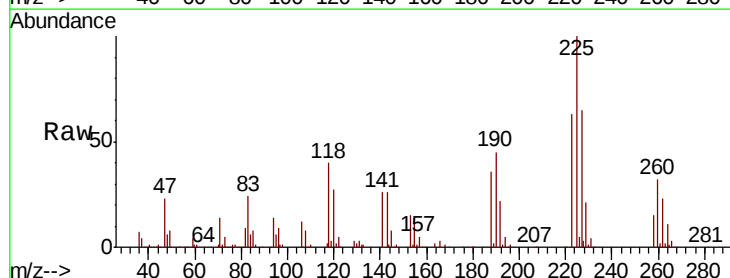
Tgt Ion:225 Resp: 89227

Ion Ratio Lower Upper

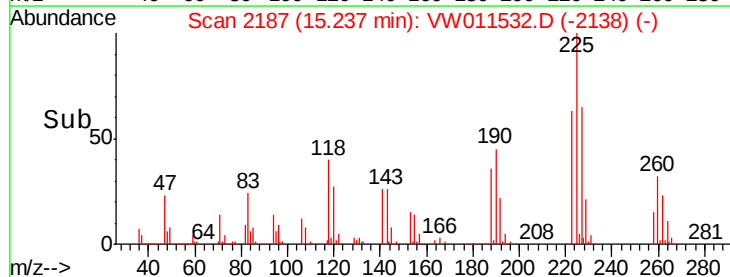
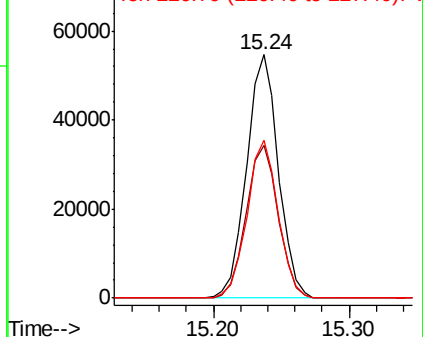
225 100

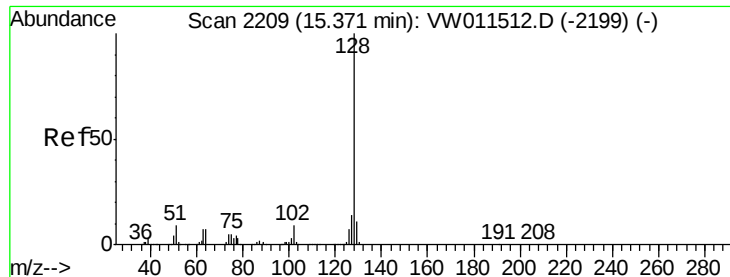
223 63.4 30.8 92.3

227 63.6 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 49.052 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBL02

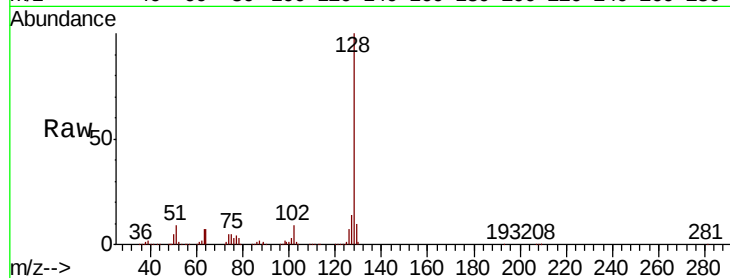
Tot Ion:128 Resp: 297212

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

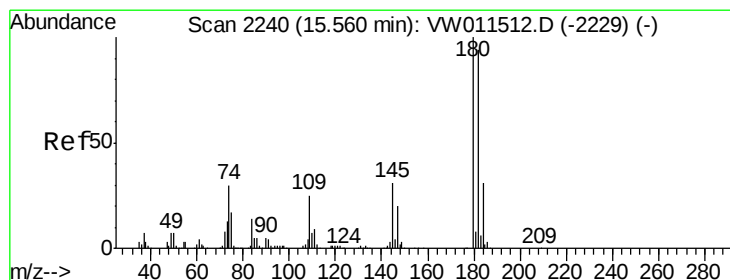
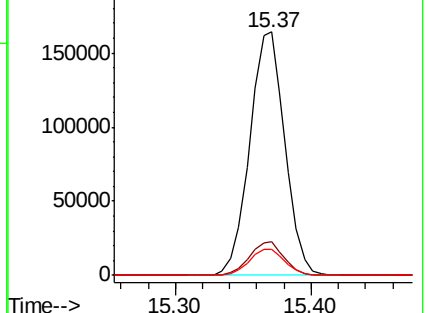
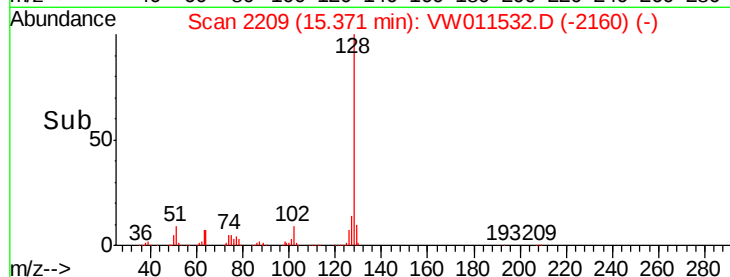
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.568 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW011532.D

Acq: 26 Jul 2019 22:16

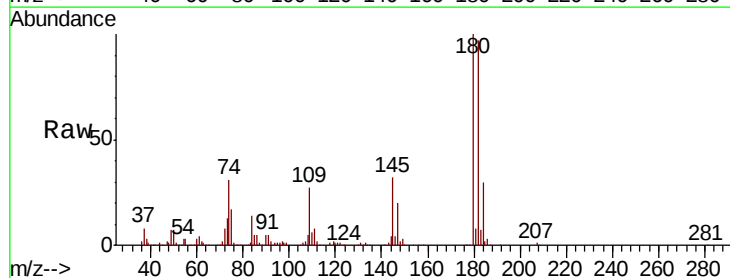
Tgt Ion:180 Resp: 134511

Ion Ratio Lower Upper

180 100

182 96.3 47.4 142.2

145 32.0 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

