

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100819\
 Data File : VW013478.D
 Acq On : 08 Oct 2019 10:27
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 09 05:19:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:13:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	346590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	499441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	425341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	206544	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	13794	5.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.30%	
35) Dibromofluoromethane	7.88	113	14183	5.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.16%	
50) Toluene-d8	10.32	98	59744	5.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.20%	
62) 4-Bromofluorobenzene	12.62	95	20520	5.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	5146	4.482	ug/l	90
3) Chloromethane	2.20	50	10914	5.408	ug/l	96
4) Vinyl Chloride	2.35	62	14781	4.966	ug/l	96
5) Bromomethane	2.78	94	9493	5.345	ug/l	96
6) Chloroethane	2.92	64	8704	5.207	ug/l	95
7) Trichlorofluoromethane	3.24	101	7037	4.997	ug/l	88
8) Diethyl Ether	3.68	74	7193	4.934	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	14373	4.952	ug/l	99
10) Methyl Iodide	4.28	142	22773	4.955	ug/l	99
11) Tert butyl alcohol	5.18	59	5499	27.016	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	15071	5.010	ug/l	99
13) Acrolein	3.90	56	1451	6.647	ug/l	86
14) Allyl chloride	4.67	41	22672	4.904	ug/l	99
15) Acrylonitrile	5.37	53	15756	23.126	ug/l	93
16) Acetone	4.13	43	16006	25.686	ug/l	92
17) Carbon Disulfide	4.37	76	41805	4.951	ug/l	98
18) Methyl Acetate	4.68	43	10409	5.831	ug/l #	84
19) Methyl tert-butyl Ether	5.42	73	22863	5.026	ug/l	91
20) Methylene Chloride	4.92	84	22104	6.444	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	15856	4.961	ug/l	93
22) Diisopropyl ether	6.31	45	43102	4.976	ug/l	96
23) Vinyl Acetate	6.26	43	116898	22.481	ug/l	97
24) 1,1-Dichloroethane	6.21	63	26976	5.096	ug/l	97
25) 2-Butanone	7.17	43	23827	25.946	ug/l	100
26) 2,2-Dichloropropane	7.16	77	20281	5.943	ug/l	89
27) cis-1,2-Dichloroethene	7.17	96	16651	4.923	ug/l	90
28) Bromochloromethane	7.51	49	9980	5.286	ug/l #	99
29) Tetrahydrofuran	7.53	42	12744	22.706	ug/l	97
30) Chloroform	7.68	83	26214	5.119	ug/l	95
31) Cyclohexane	7.95	56	31926	5.698	ug/l #	75
32) 1,1,1-Trichloroethane	7.87	97	20322	4.882	ug/l	97
36) 1,1-Dichloropropene	8.08	75	22648	5.013	ug/l	98
37) Ethyl Acetate	7.25	43	10706	5.223	ug/l	96
38) Carbon Tetrachloride	8.07	117	19050	4.756	ug/l	93

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 Acq On : 08 Oct 2019 10:27
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 09 05:19:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:13:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	27699	4.732	ug/l	97
40) Benzene	8.32	78	63363	5.024	ug/l	97
41) Methacrylonitrile	7.49	41	5016	4.303	ug/l #	83
42) 1,2-Dichloroethane	8.40	62	15621	4.900	ug/l	95
43) Isopropyl Acetate	8.43	43	17315	4.675	ug/l	98
44) Trichloroethene	9.09	130	17642	4.903	ug/l	91
45) 1,2-Dichloropropane	9.37	63	14597	4.822	ug/l	94
46) Dibromomethane	9.46	93	7387	4.898	ug/l	97
47) Bromodichloromethane	9.65	83	18331	4.890	ug/l #	99
48) Methyl methacrylate	9.44	41	8764	4.804	ug/l	95
49) 1,4-Dioxane	9.46	88	2526	95.394	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	48765	25.045	ug/l	100
52) Toluene	10.39	92	39528	4.866	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	17851	4.583	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	22088	4.680	ug/l #	90
55) 1,1,2-Trichloroethane	10.79	97	11106	4.906	ug/l	95
56) Ethyl methacrylate	10.65	69	13684	4.488	ug/l	96
57) 1,3-Dichloropropane	10.93	76	18919	4.867	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	32862	22.848	ug/l	100
59) 2-Hexanone	10.97	43	30291	22.687	ug/l	100
60) Dibromochloromethane	11.13	129	11807	4.536	ug/l	92
61) 1,2-Dibromoethane	11.23	107	10083	4.683	ug/l	97
64) Tetrachloroethene	10.86	164	15886	5.075	ug/l	95
65) Chlorobenzene	11.66	112	41966	4.965	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.73	131	13908	4.737	ug/l	98
67) Ethyl Benzene	11.73	91	75843	4.910	ug/l	100
68) m/p-Xylenes	11.83	106	57773	9.829	ug/l	99
69) o-Xylene	12.16	106	26107	4.808	ug/l	99
70) Styrene	12.18	104	44138	4.734	ug/l	98
71) Bromoform	12.35	173	7194	4.466	ug/l #	89
73) Isopropylbenzene	12.46	105	71278	4.818	ug/l	99
74) N-amyl acetate	12.27	43	15255	4.715	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	12793	5.073	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	15743	9.490	ug/l #	100
77) Bromobenzene	12.75	156	17678	5.041	ug/l	99
78) n-propylbenzene	12.80	91	84801	4.957	ug/l	100
79) 2-Chlorotoluene	12.89	91	47730	4.980	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	60417	4.915	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	3734	4.437	ug/l	94
82) 4-Chlorotoluene	12.99	91	49407	4.966	ug/l	99
83) tert-Butylbenzene	13.21	119	53155	4.869	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	59979	4.933	ug/l	99
85) sec-Butylbenzene	13.38	105	73674	4.884	ug/l	100
86) p-Isopropyltoluene	13.50	119	67351	4.860	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	33262	5.002	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	32121	4.931	ug/l	93
89) n-Butylbenzene	13.82	91	59607	4.761	ug/l	99
90) Hexachloroethane	14.09	117	11739	4.950	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	29241	4.981	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	2118	5.268	ug/l	82

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Acq On : 08 Oct 2019 10:27
Operator : SY/VA
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 09 05:19:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 05:13:15 2019
Response via : Initial Calibration

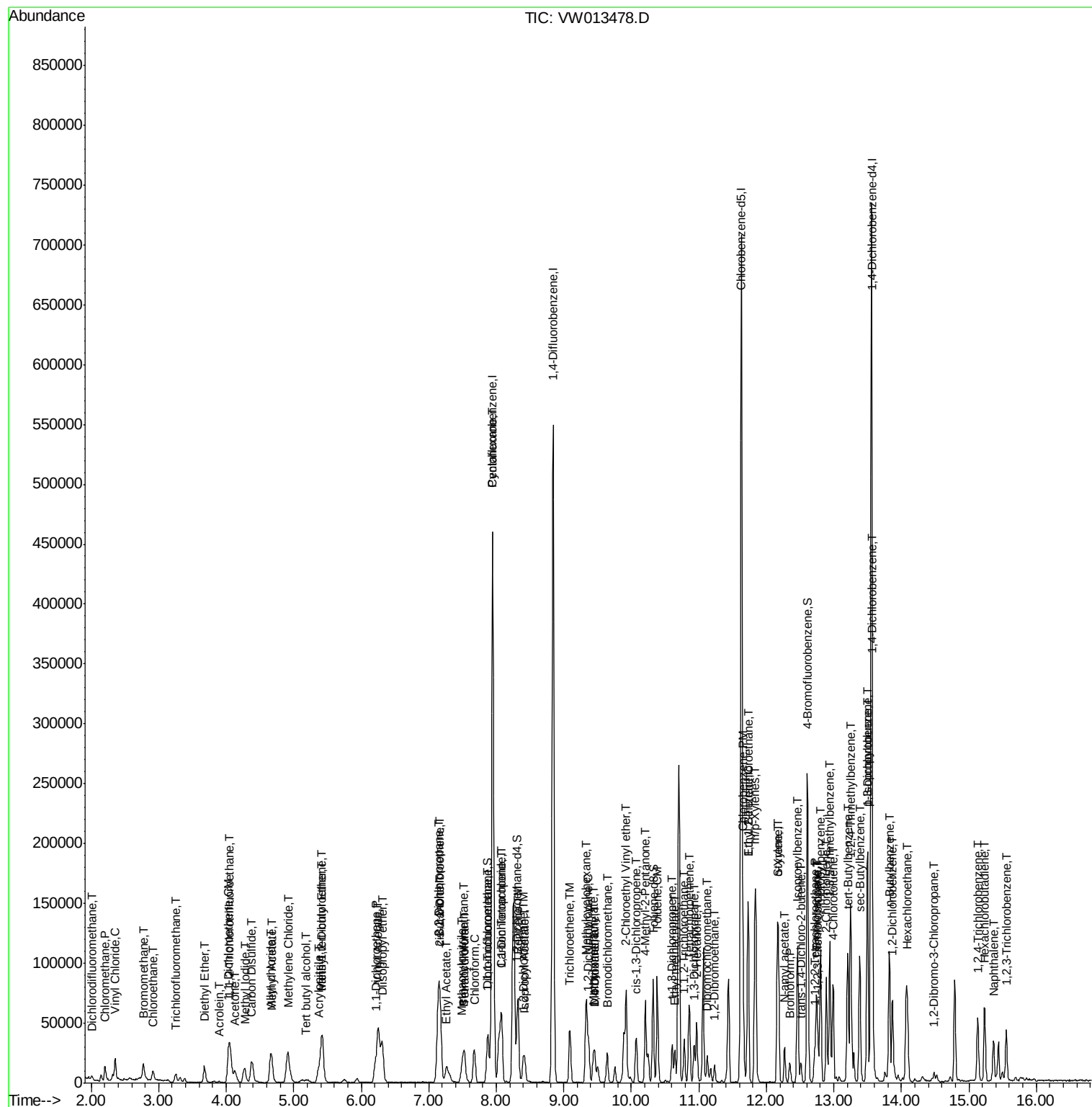
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	19042	4.589	ug/l	97
94) Hexachlorobutadiene	15.24	225	13948	5.058	ug/l	97
95) Naphthalene	15.36	128	30126	4.197	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	16585	4.571	ug/l	99

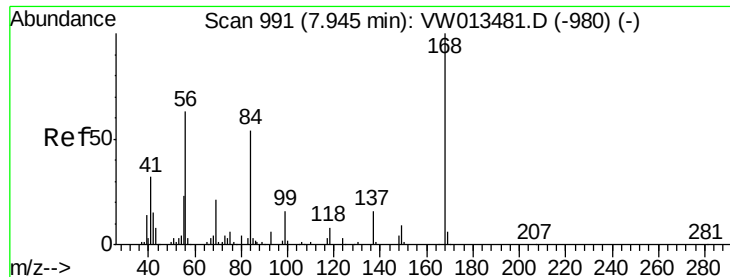
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100819\
 Data File : VW013478.D
 Acq On : 08 Oct 2019 10:27
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :

Quant Time: Oct 09 05:19:01 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:13:15 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

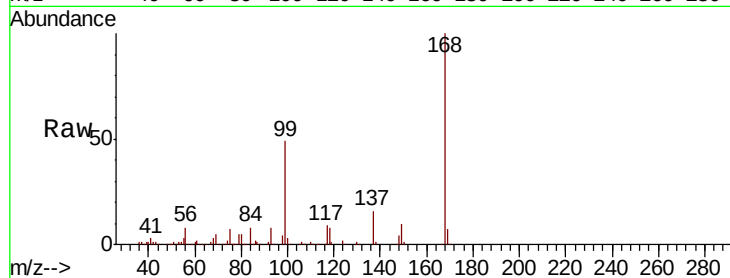
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 346590

Ion Ratio Lower Upper

168 100

99 49.3 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

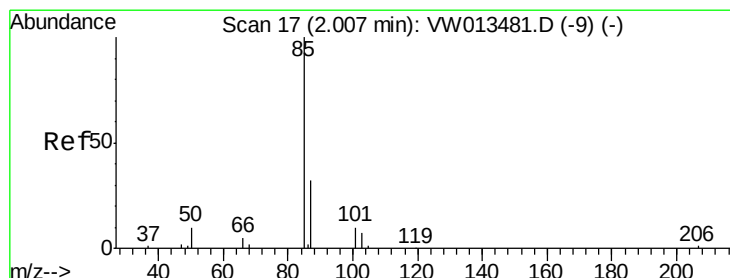
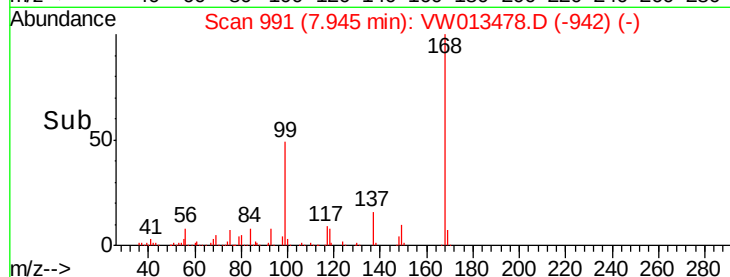
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 4.482 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW013478.D

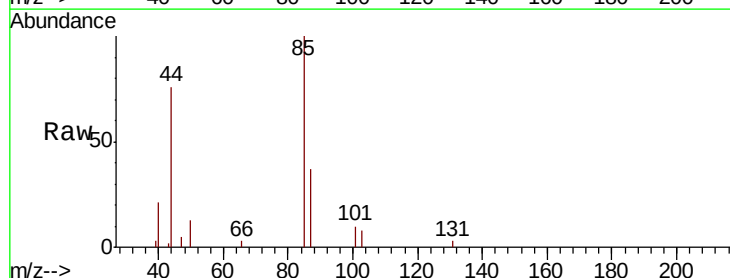
Acq: 08 Oct 2019 10:27

Tgt Ion: 85 Resp: 5146

Ion Ratio Lower Upper

85 100

87 37.2 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2500

2000

1500

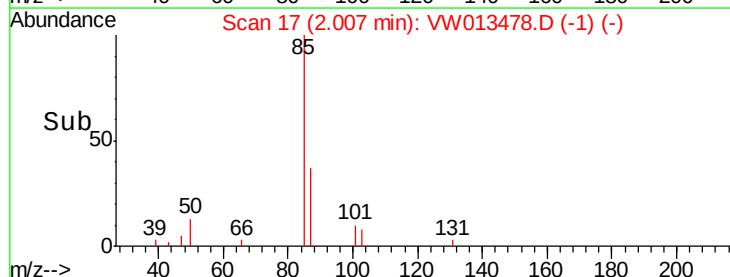
1000

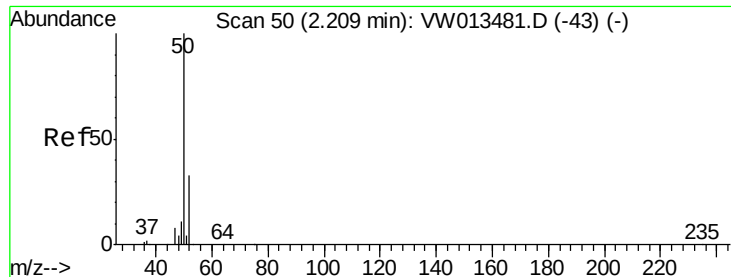
500

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 5.408 ug/l

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Instrument :

MSVOA_W

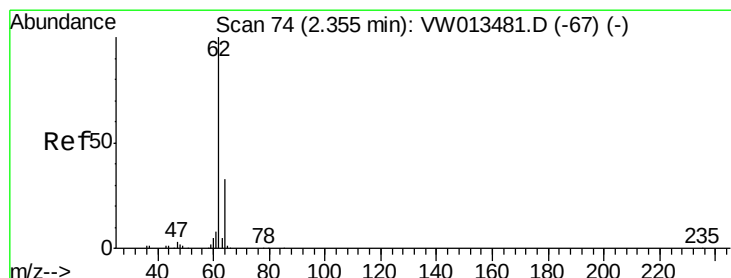
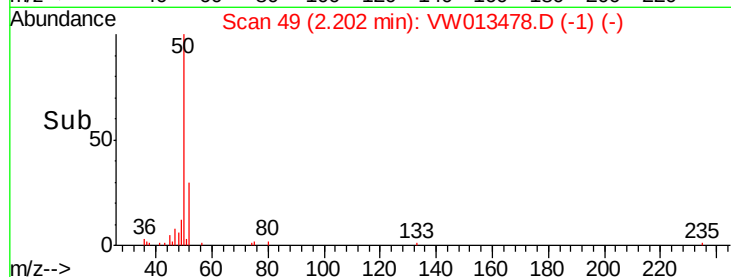
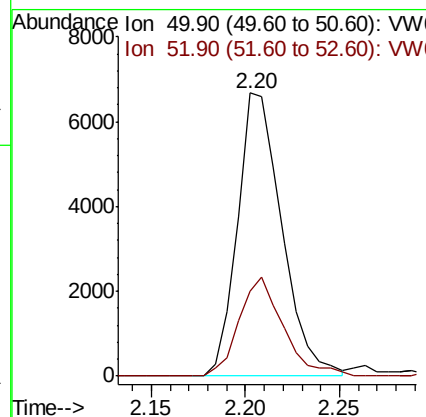
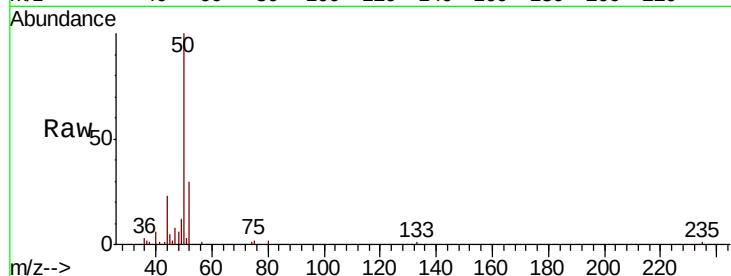
ClientSampleId :

Tot Ion: 50 Resp: 10914

Ion Ratio Lower Upper

50 100

52 30.0 26.0 39.0



#4

Vinyl Chloride

Concen: 4.966 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW013478.D

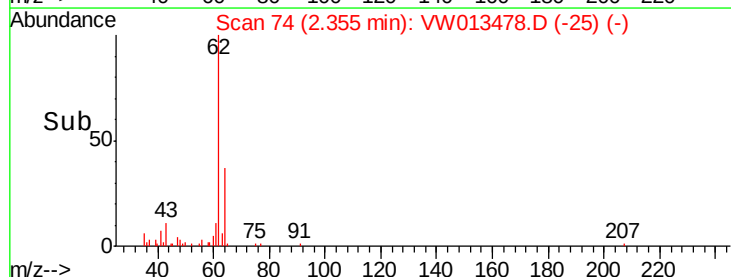
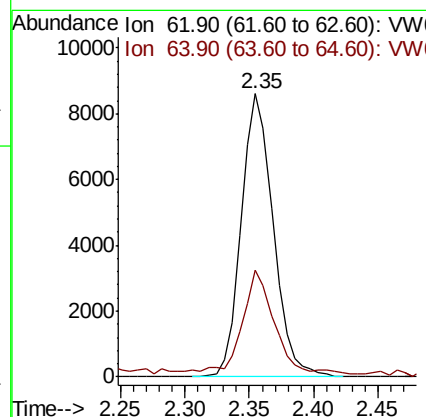
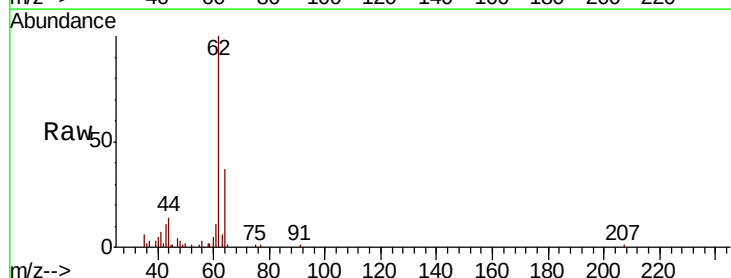
Acq: 08 Oct 2019 10:27

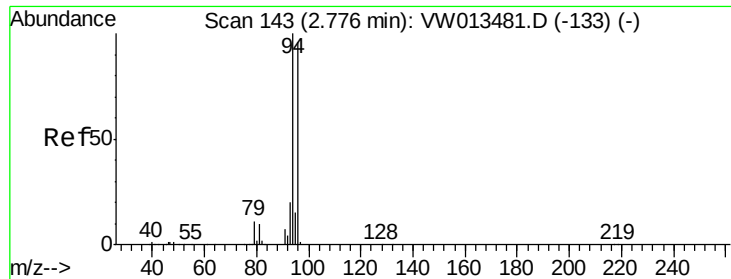
Tgt Ion: 62 Resp: 14781

Ion Ratio Lower Upper

62 100

64 35.7 26.6 39.8





#5

Bromomethane

Concen: 5.345 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Instrument :

MSVOA_W

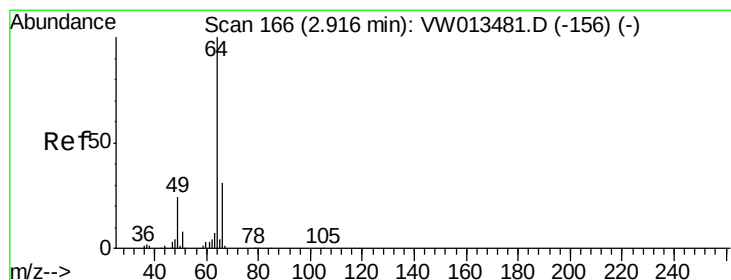
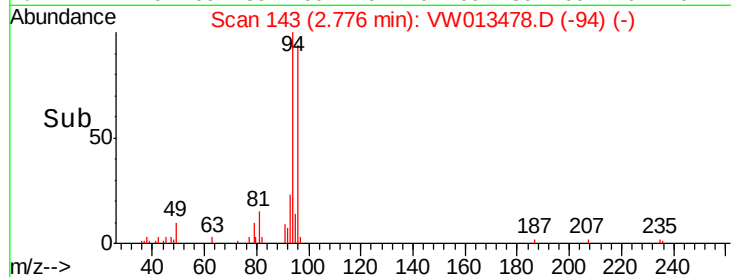
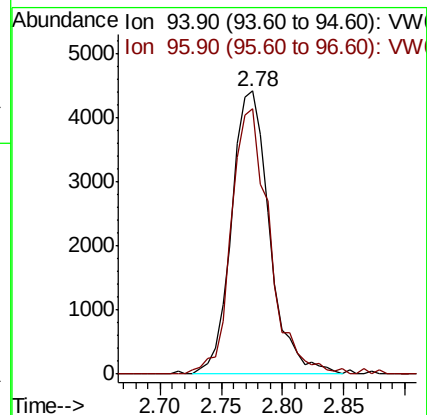
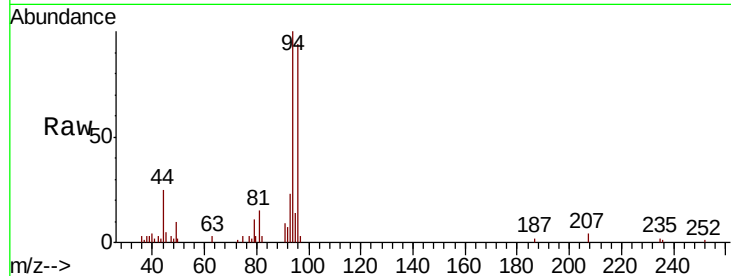
ClientSampleId :

Tot Ion: 94 Resp: 9493

Ion Ratio Lower Upper

94 100

96 92.6 77.0 115.6



#6

Chloroethane

Concen: 5.207 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW013478.D

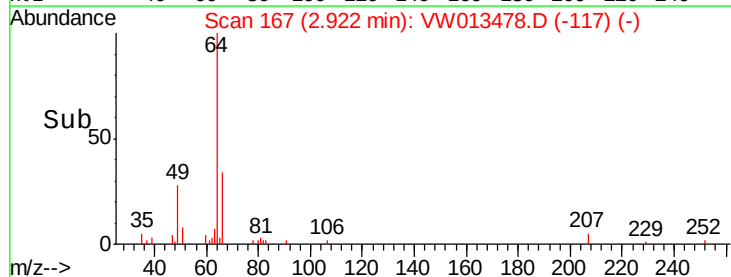
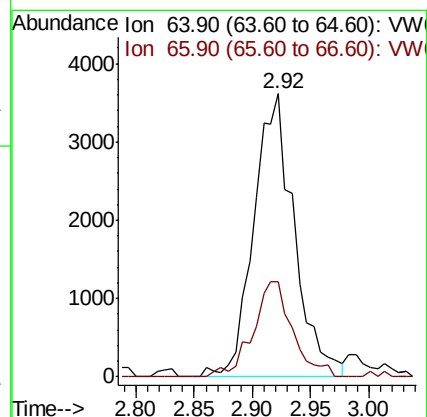
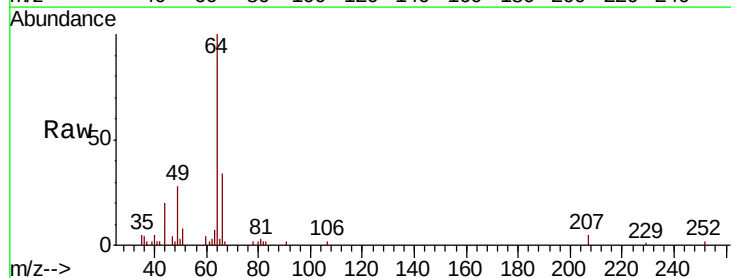
Acq: 08 Oct 2019 10:27

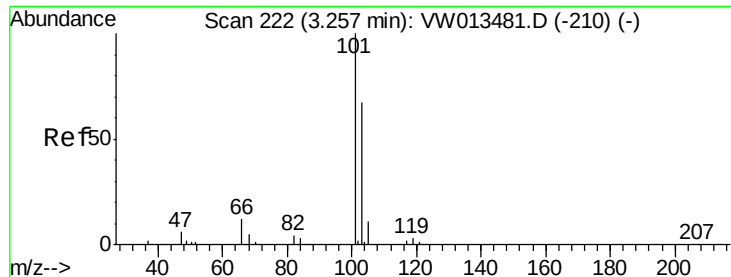
Tgt Ion: 64 Resp: 8704

Ion Ratio Lower Upper

64 100

66 33.7 25.0 37.4



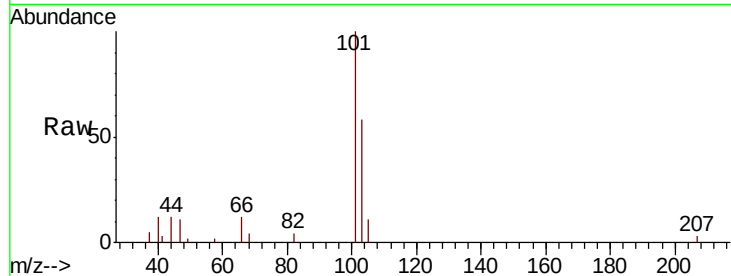


#7

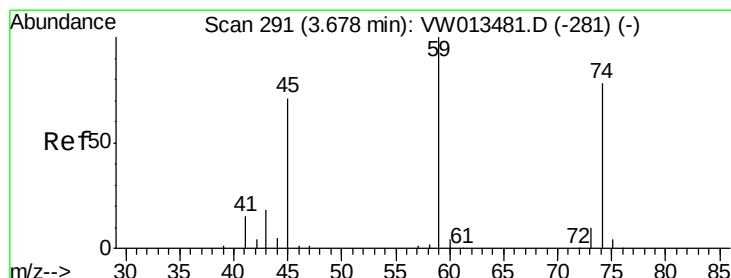
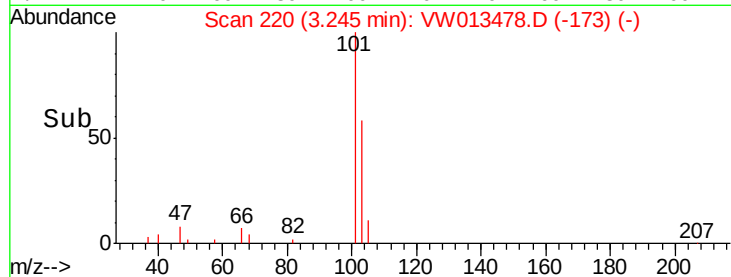
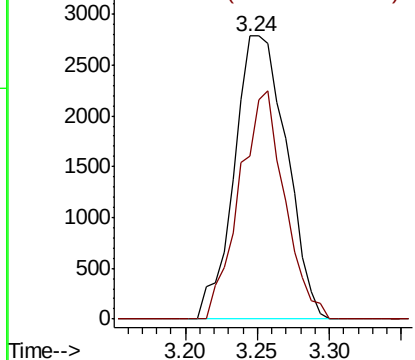
Trichlorofluoromethane
Concen: 4.997 ug/l
RT: 3.24 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:101 Resp: 7037
Ion Ratio Lower Upper
101 100
103 57.7 53.7 80.5



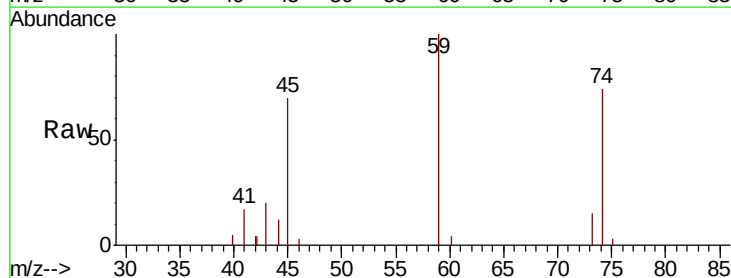
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



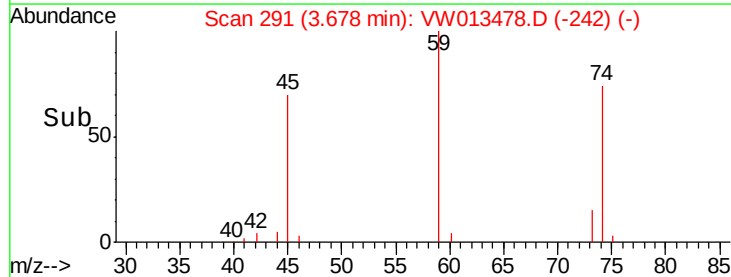
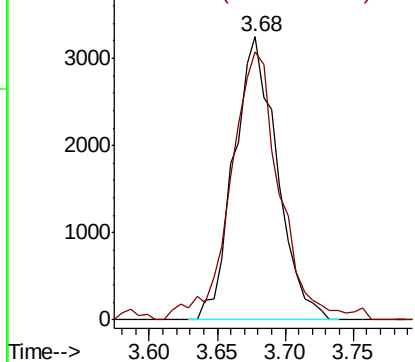
#8

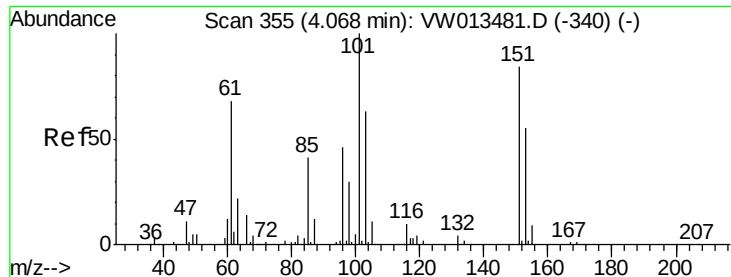
Diethyl Ether
Concen: 4.934 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Tgt Ion: 74 Resp: 7193
Ion Ratio Lower Upper
74 100
45 108.0 50.0 150.1



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.952 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Instrument :

MSVOA_W

ClientSampled :

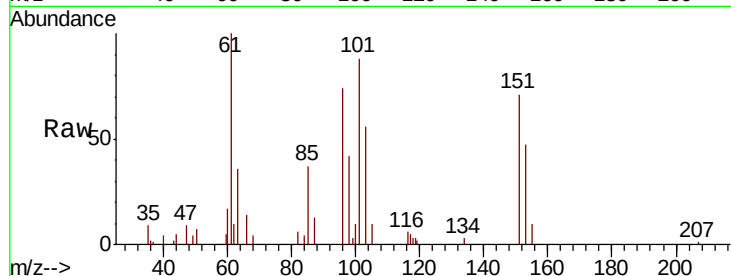
Tot Ion:101 Resp: 14373

Ion Ratio Lower Upper

101 100

85 39.0 31.6 47.4

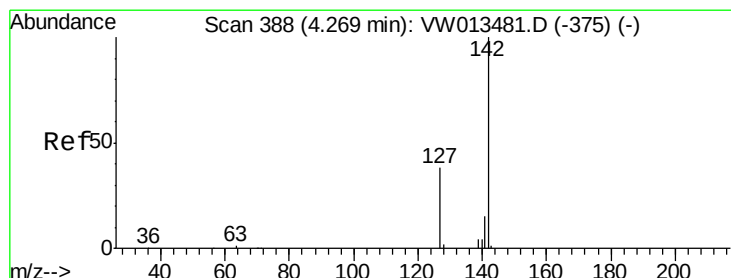
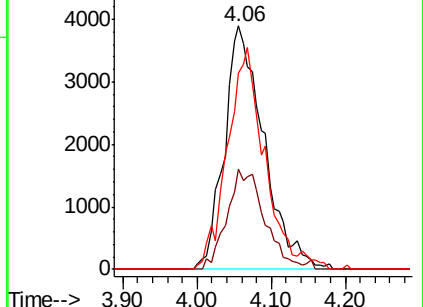
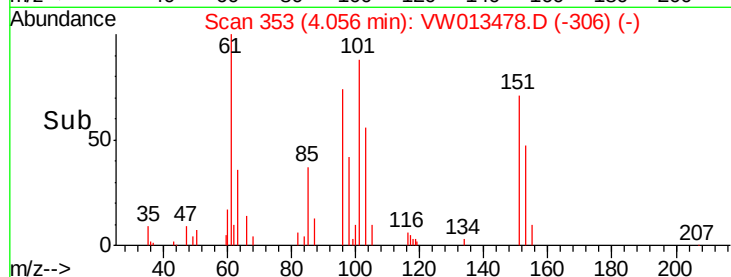
151 84.0 67.5 101.3



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: 4.955 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

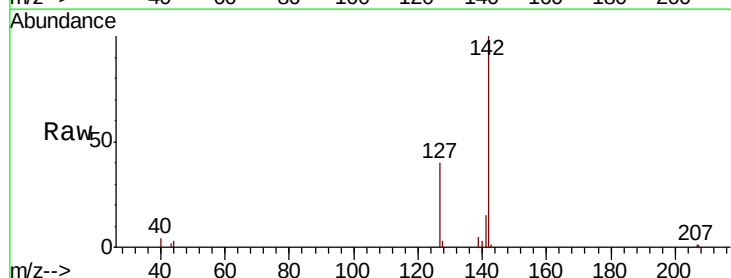
Tgt Ion:142 Resp: 22773

Ion Ratio Lower Upper

142 100

127 38.0 29.6 44.4

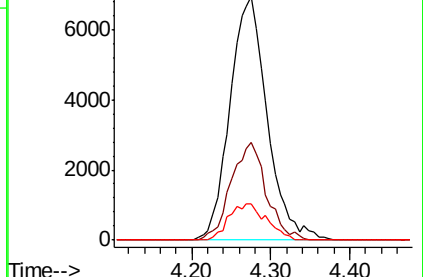
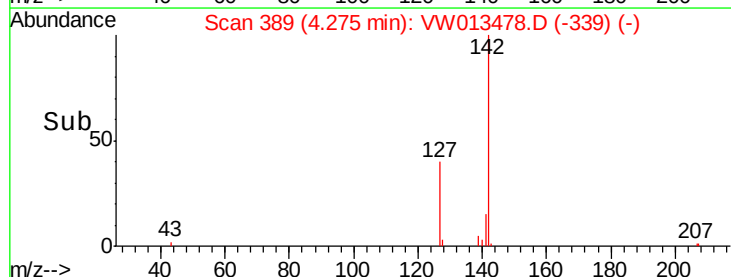
141 15.1 12.1 18.1

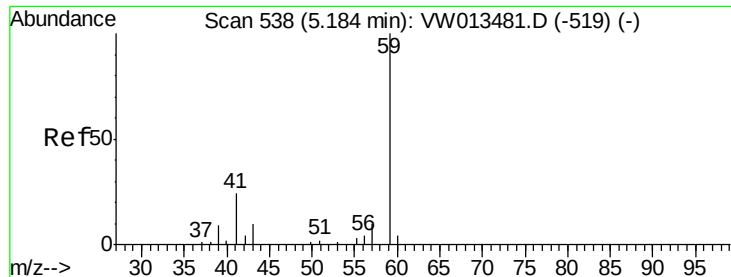


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

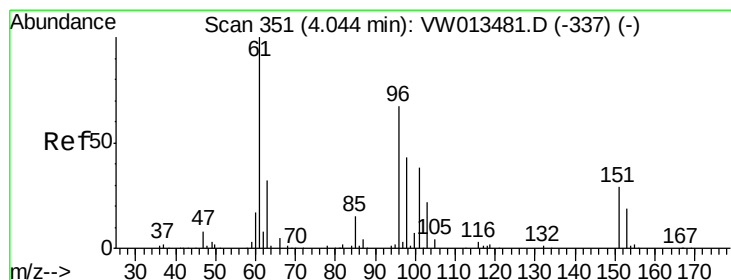
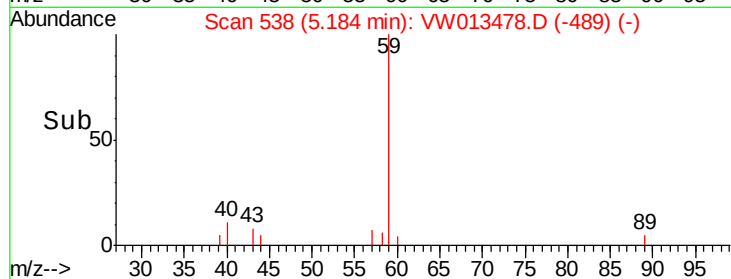
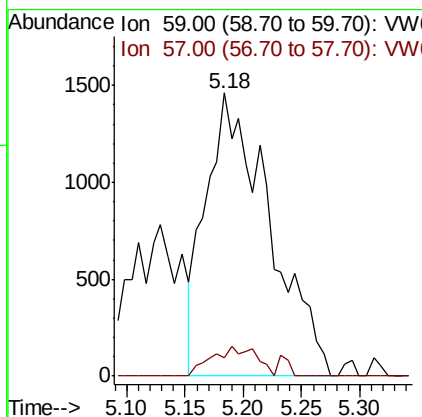
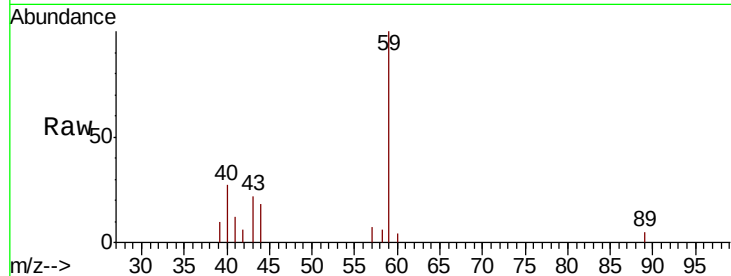




#11
Tert butyl alcohol
Concen: 27.016 ug/l
RT: 5.18 min Scan# 538
Delta R.T. -0.00 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

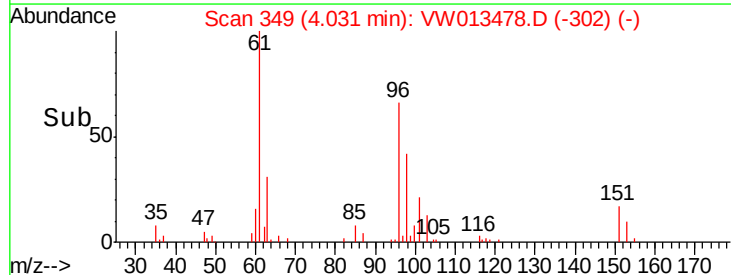
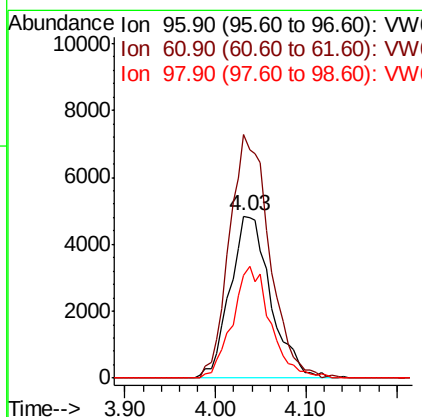
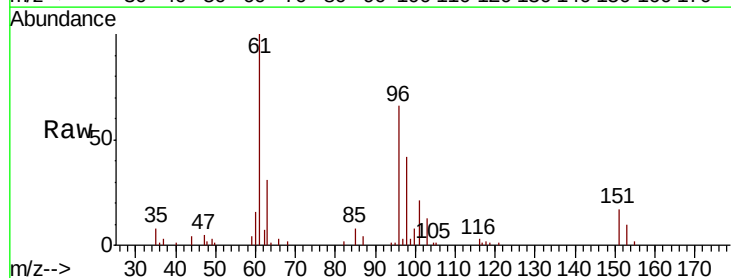
Instrument :
MSVOA_W
ClientSampled :

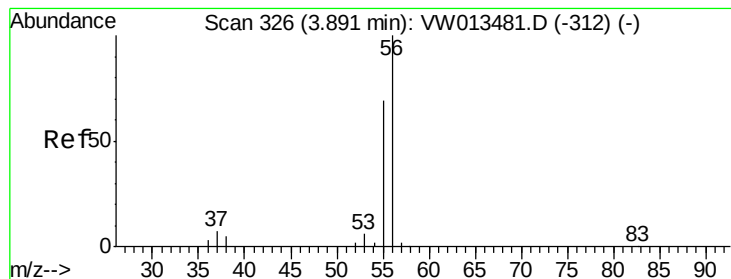
Tot Ion: 59 Resp: 5499
Ion Ratio Lower Upper
59 100
57 7.3 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 5.010 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Tgt Ion: 96 Resp: 15071
Ion Ratio Lower Upper
96 100
61 150.5 119.4 179.0
98 63.3 51.1 76.7





#13

Acrolein

Concen: 6.647 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

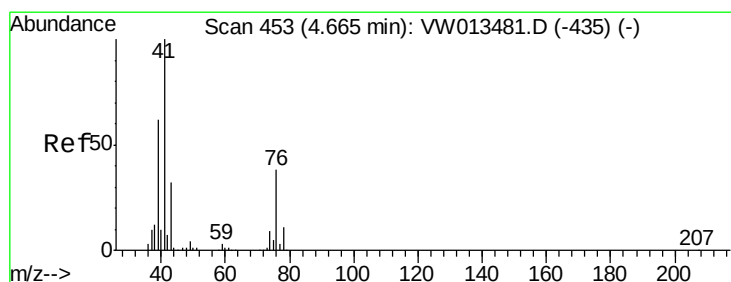
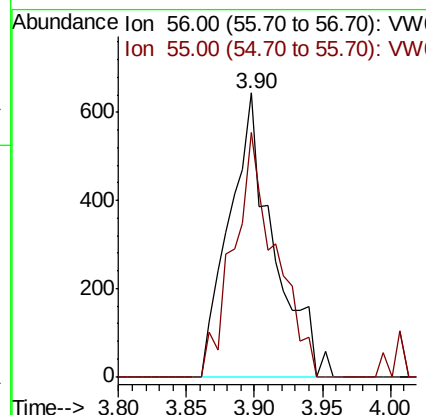
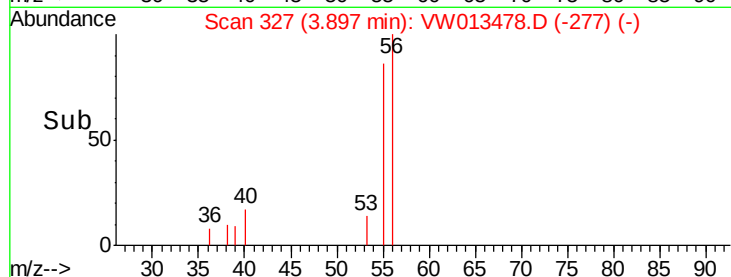
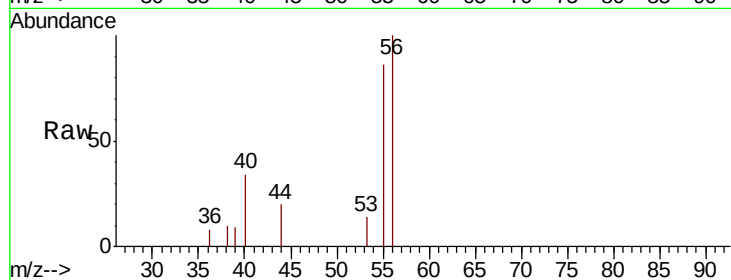
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 1451

Ion Ratio Lower Upper

56 100

55 81.6 55.9 83.9



#14

Allyl chloride

Concen: 4.904 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

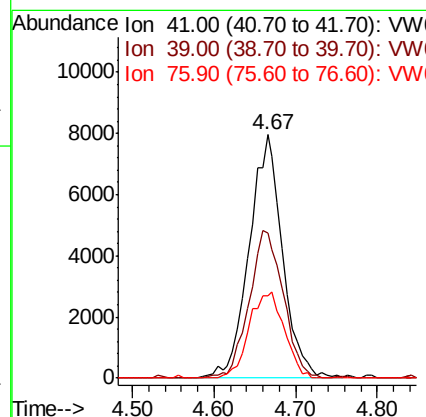
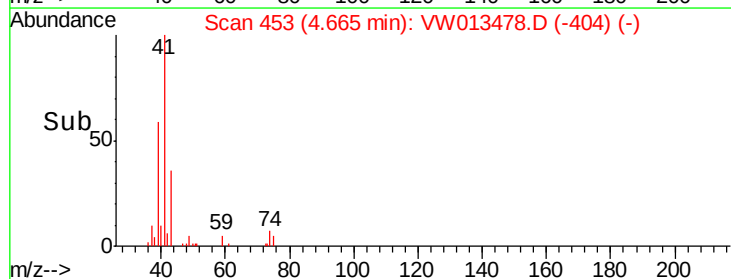
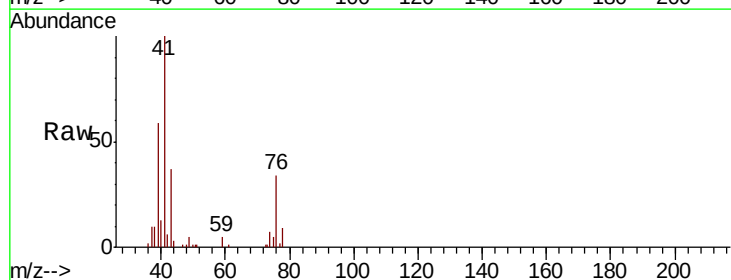
Tgt Ion: 41 Resp: 22672

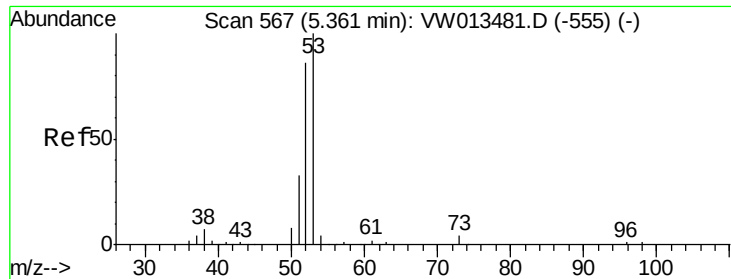
Ion Ratio Lower Upper

41 100

39 61.8 50.1 75.1

76 37.1 29.0 43.4





#15

Acrylonitrile

Concen: 23.126 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Instrument :

MSVOA_W

ClientSampleId :

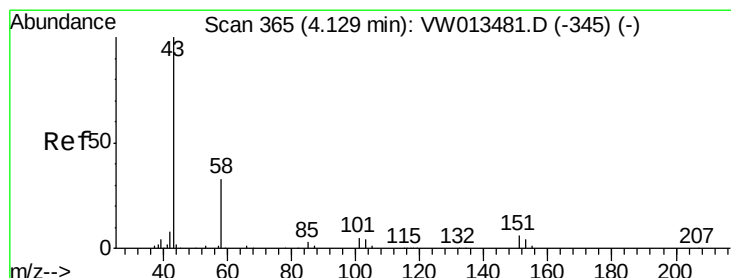
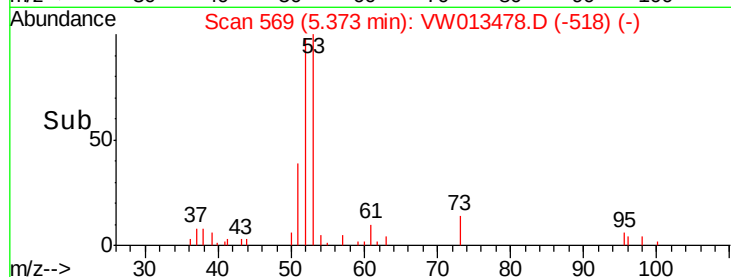
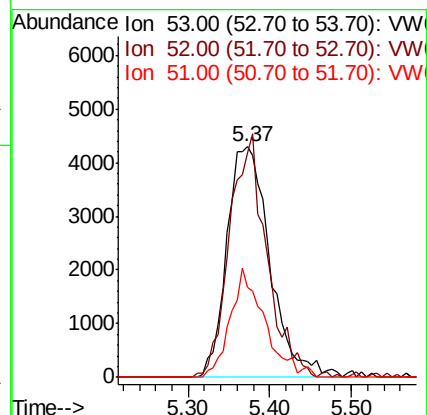
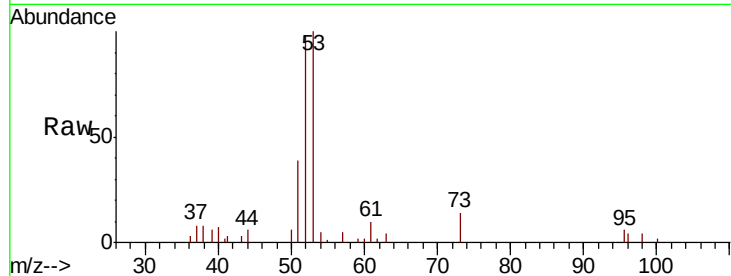
Tot Ion: 53 Resp: 15756

Ion Ratio Lower Upper

53 100

52 90.3 65.8 98.8

51 37.6 28.6 42.8



#16

Acetone

Concen: 25.686 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW013478.D

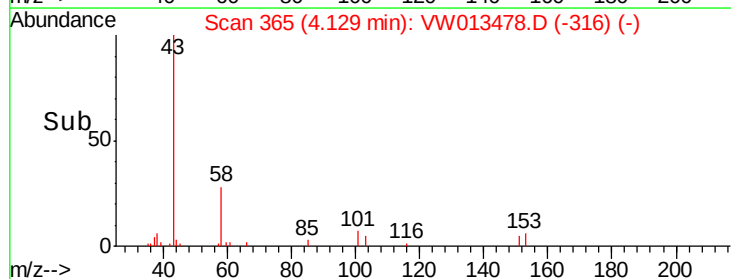
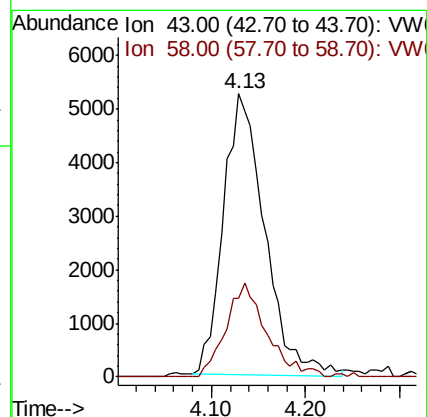
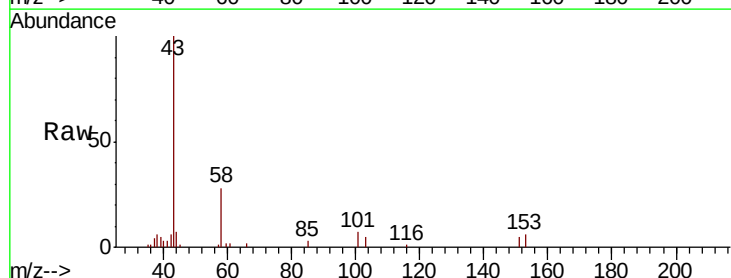
Acq: 08 Oct 2019 10:27

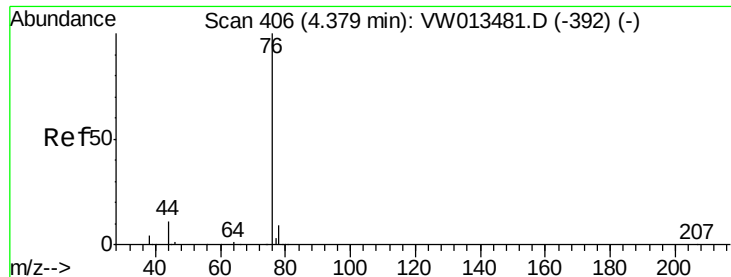
Tgt Ion: 43 Resp: 16006

Ion Ratio Lower Upper

43 100

58 28.3 26.1 39.1

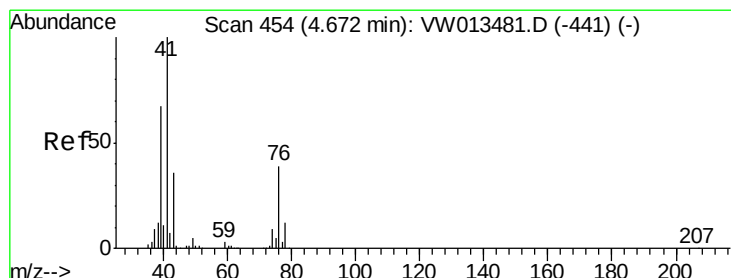
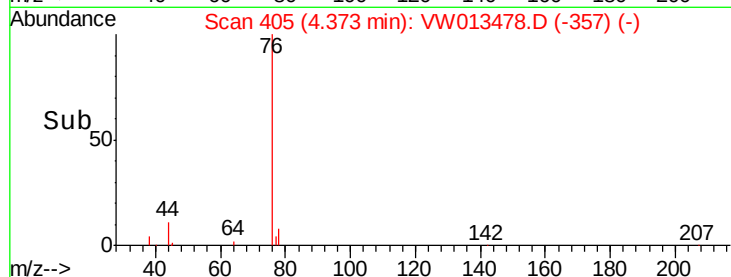
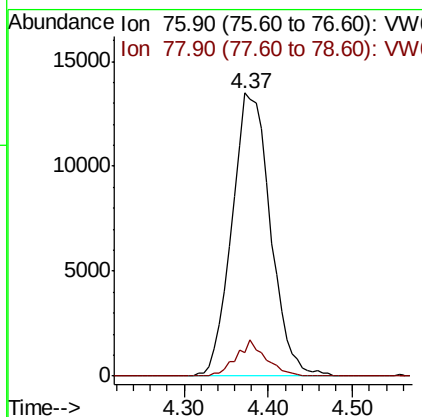
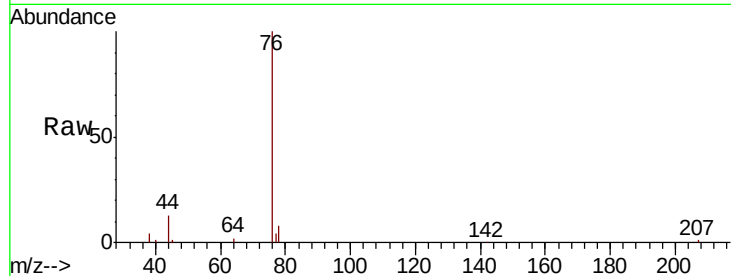




#17
Carbon Disulfide
Concen: 4.951 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

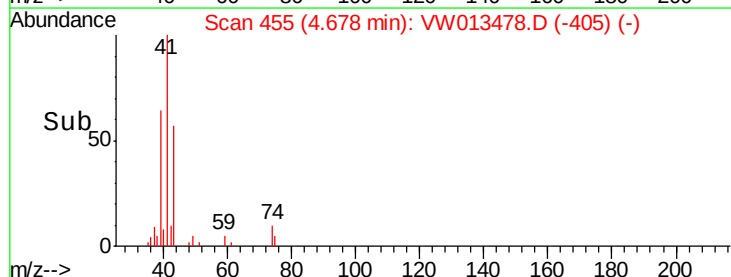
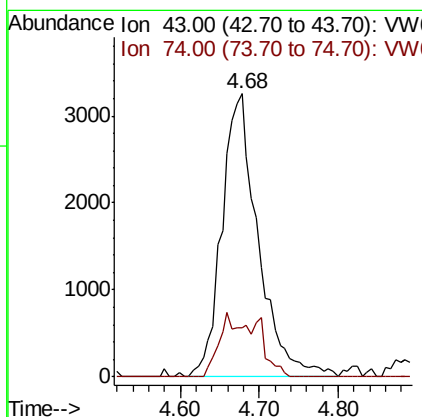
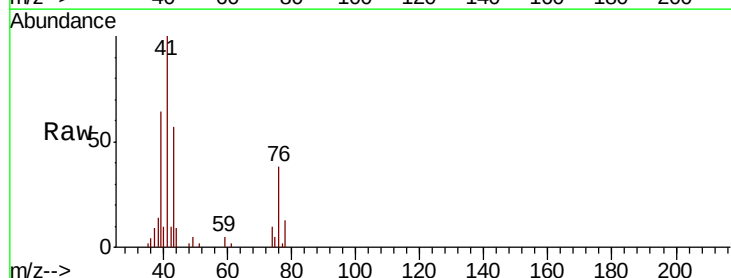
Instrument :
MSVOA_W
ClientSampleId :

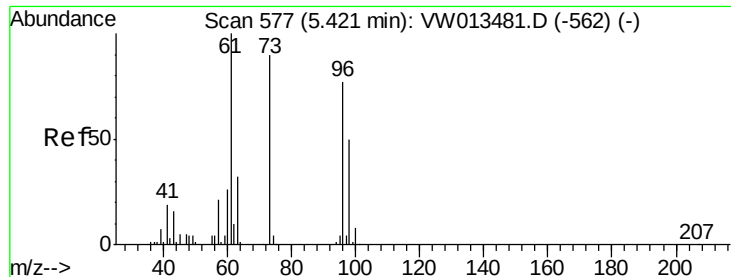
Tot Ion: 76 Resp: 41805
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7



#18
Methyl Acetate
Concen: 5.831 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Tgt Ion: 43 Resp: 10409
Ion Ratio Lower Upper
43 100
74 16.6 19.6 29.4#

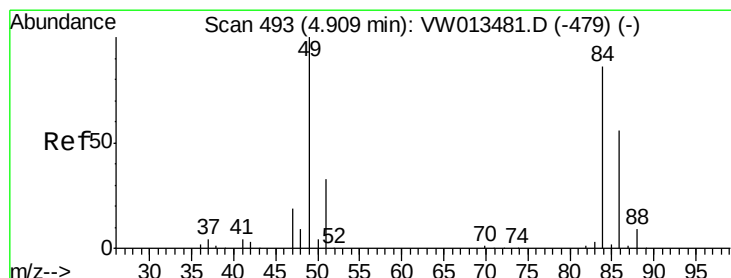
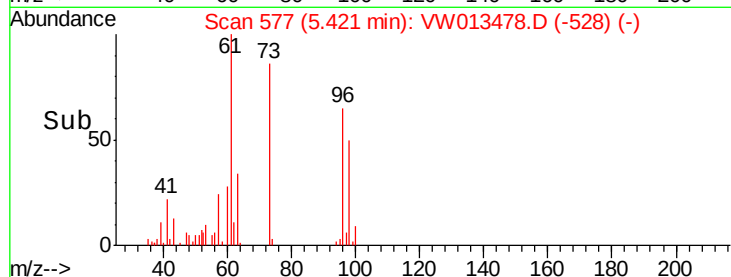
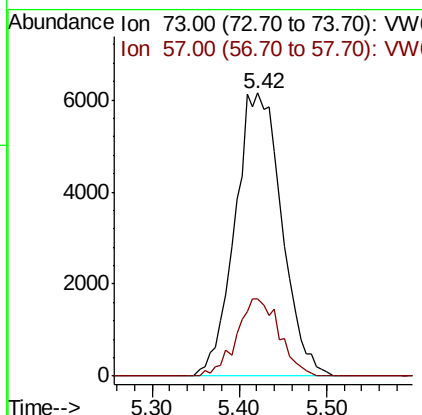
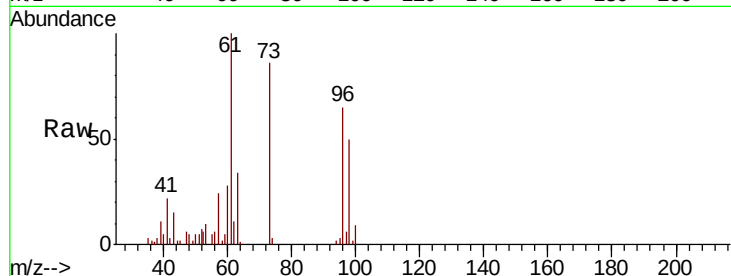




#19
Methyl tert-butyl Ether
Concen: 5.026 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

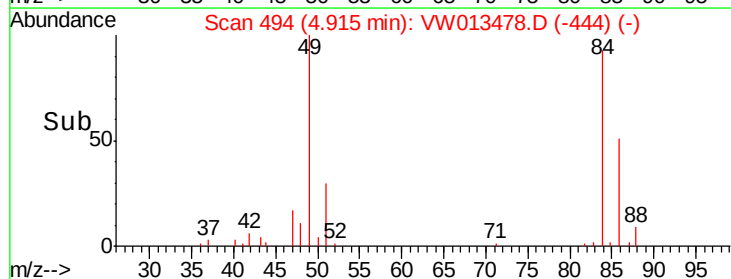
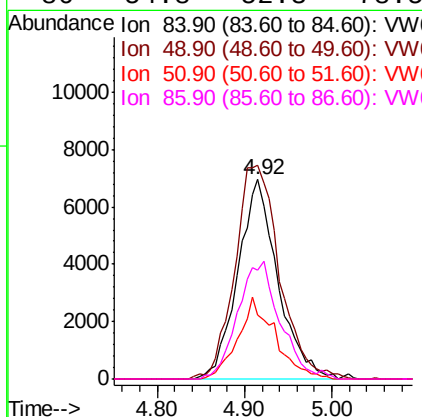
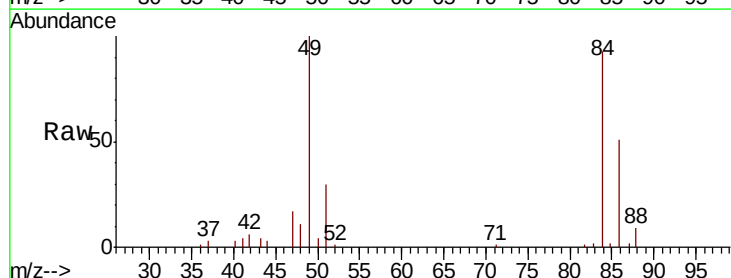
Instrument :
MSVOA_W
ClientSampled :

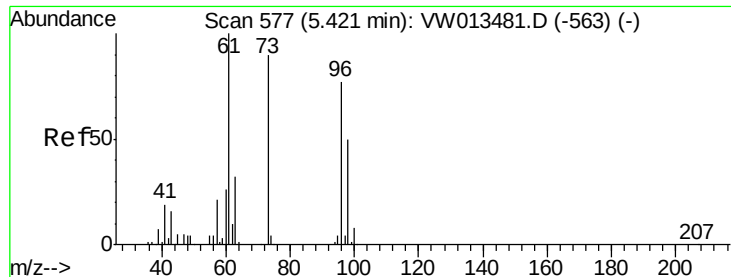
Tot Ion: 73 Resp: 22863
Ion Ratio Lower Upper
73 100
57 27.4 18.6 27.8



#20
Methylene Chloride
Concen: 6.444 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Tgt Ion: 84 Resp: 22104
Ion Ratio Lower Upper
84 100
49 107.0 93.4 140.0
51 32.2 30.6 46.0
86 54.8 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 4.961 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Instrument :

MSVOA_W

ClientSampled :

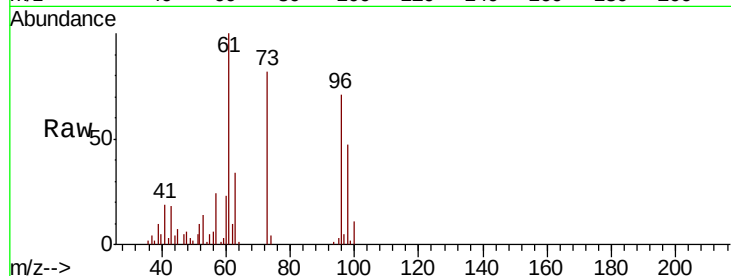
Tot Ion: 96 Resp: 15856

Ion Ratio Lower Upper

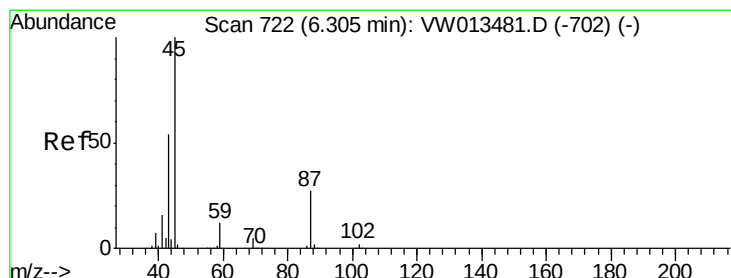
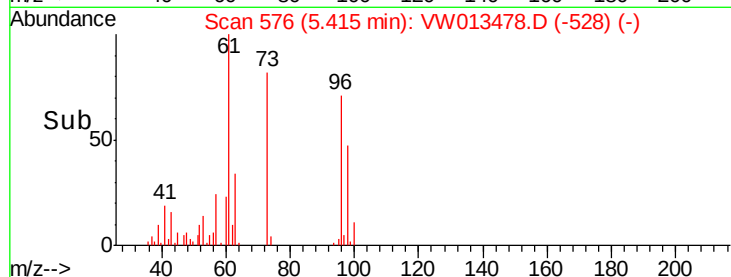
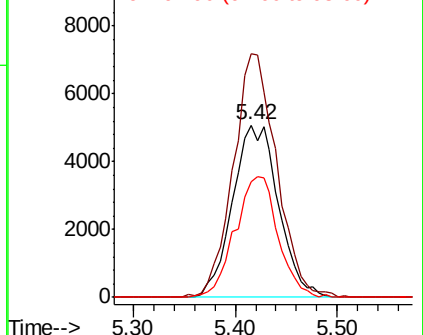
96 100

61 141.4 104.3 156.5

98 66.9 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 4.976 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Tgt Ion: 45 Resp: 43102

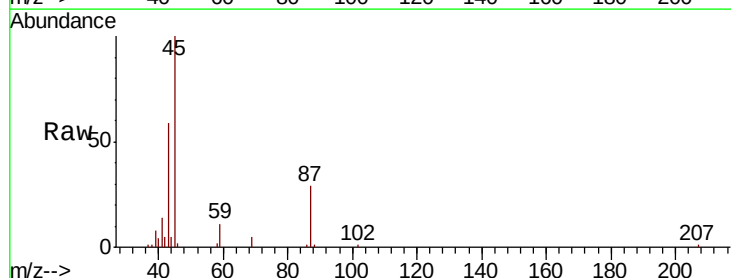
Ion Ratio Lower Upper

45 100

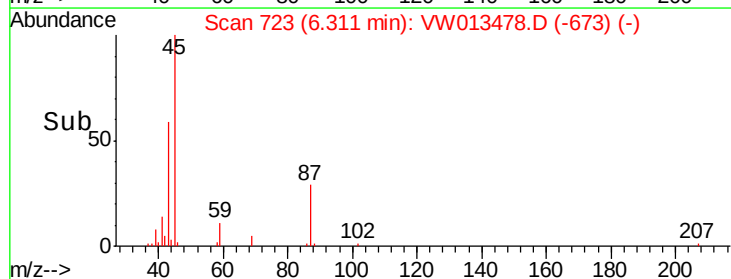
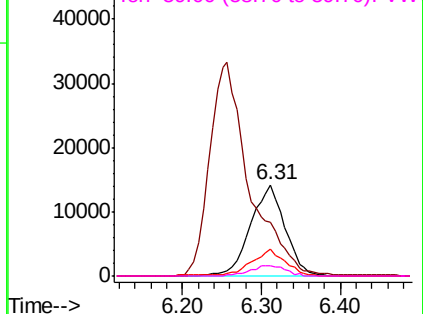
43 57.2 43.4 65.0

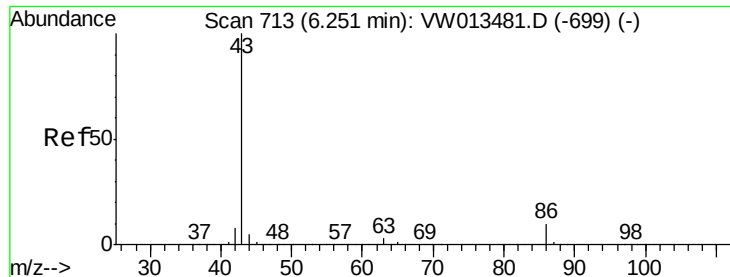
87 29.0 22.1 33.1

59 11.4 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 22.481 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

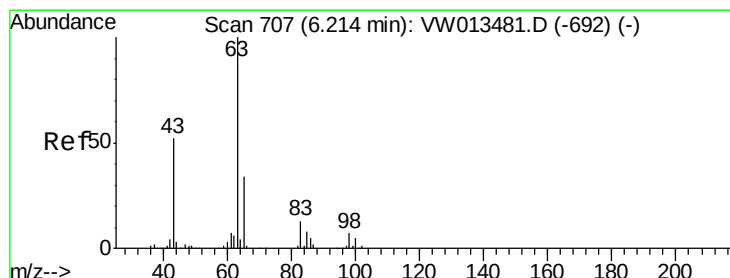
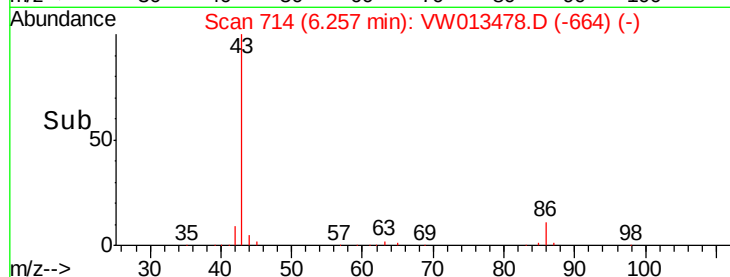
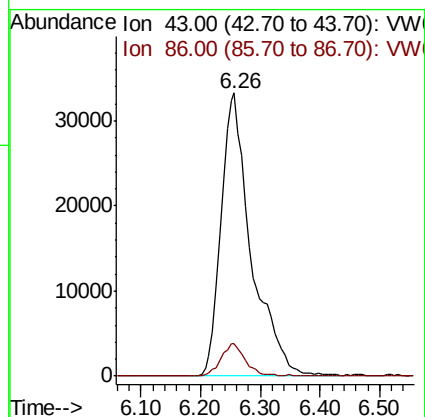
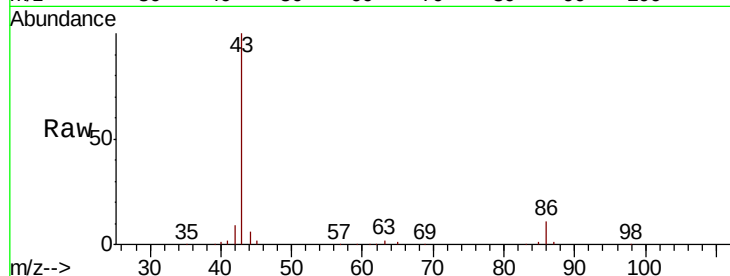
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 116898

Ion Ratio Lower Upper

43 100

86 11.4 8.3 12.5



#24

1,1-Dichloroethane

Concen: 5.096 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

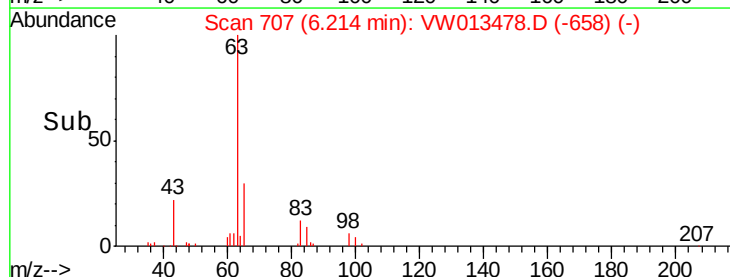
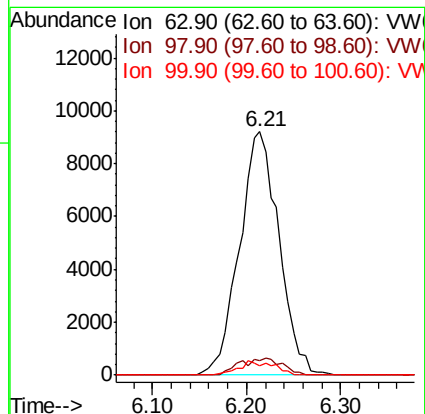
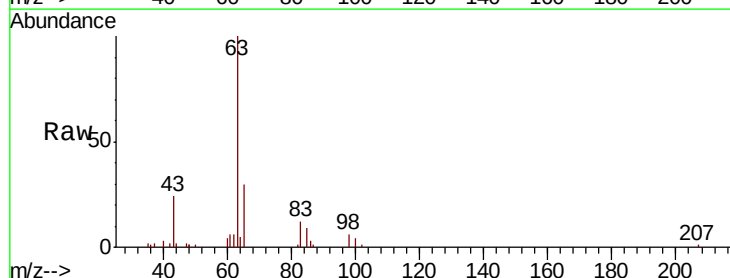
Tgt Ion: 63 Resp: 26976

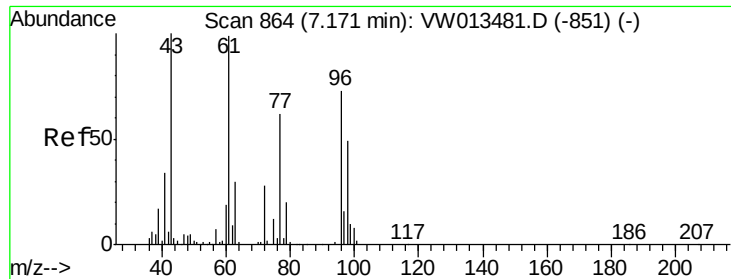
Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.6

100 3.8 2.3 6.8





#25

2-Butanone

Concen: 25.946 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Instrument :

MSVOA_W

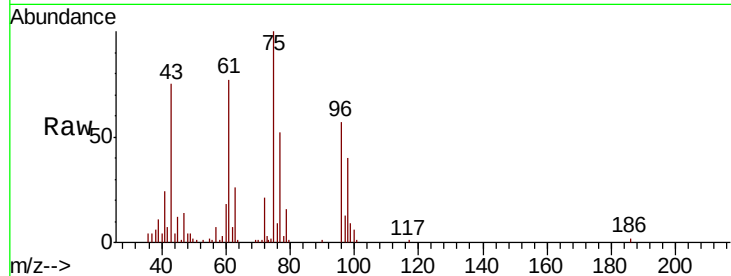
ClientSampled :

Tot Ion: 43 Resp: 23827

Ion Ratio Lower Upper

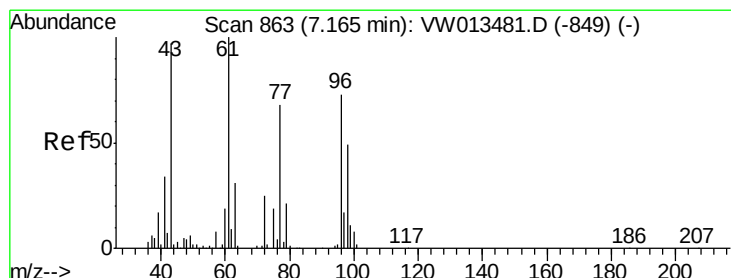
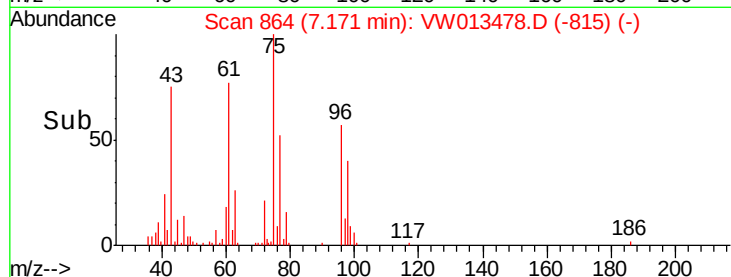
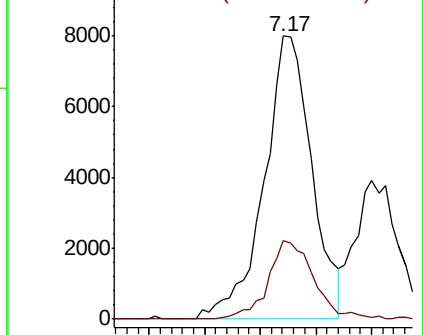
43 100

72 27.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 5.943 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013478.D

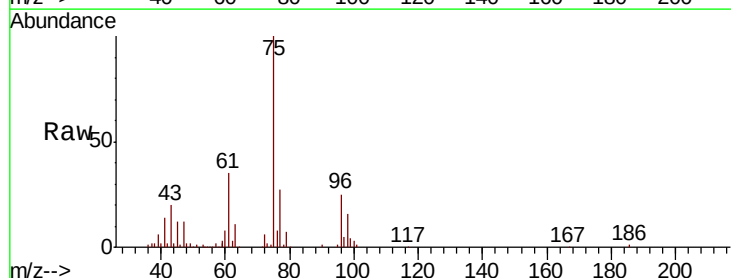
Acq: 08 Oct 2019 10:27

Tgt Ion: 77 Resp: 20281

Ion Ratio Lower Upper

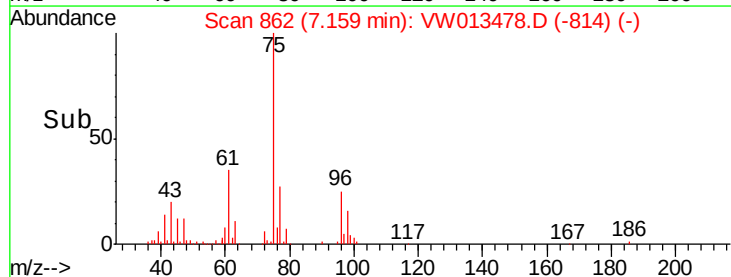
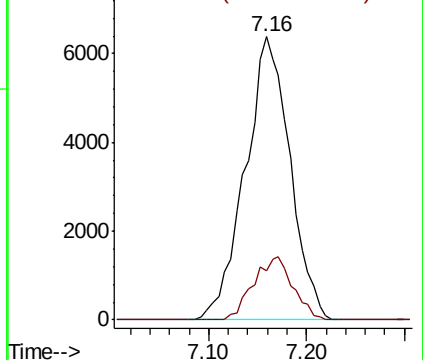
77 100

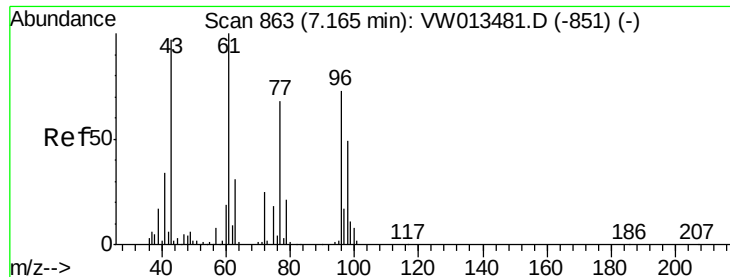
97 19.7 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



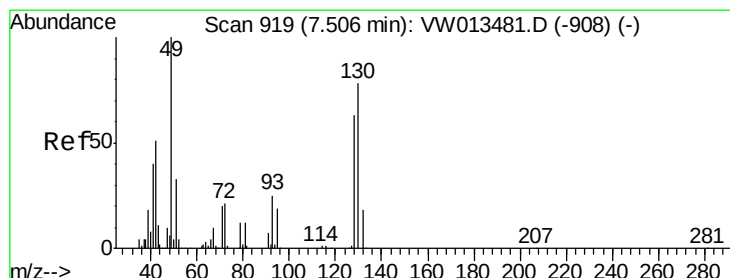
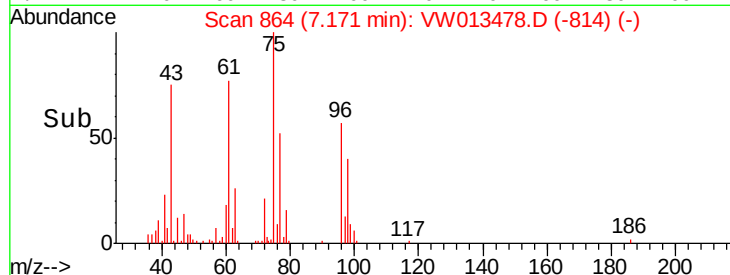
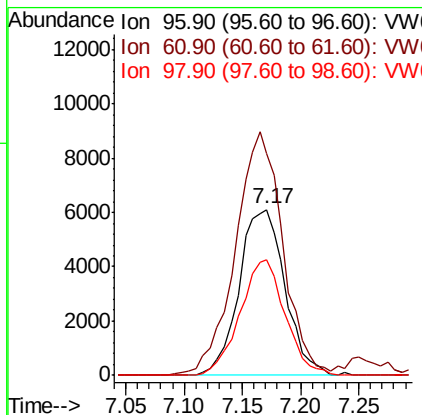
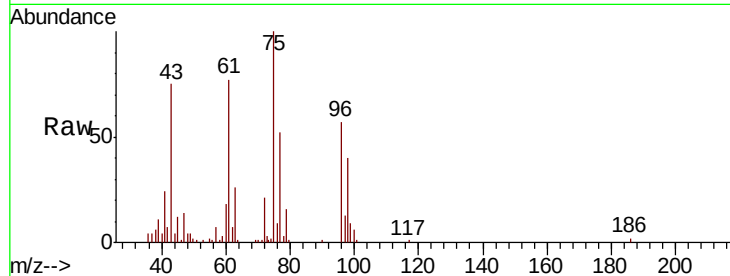


#27

cis-1,2-Dichloroethene
Concen: 4.923 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Instrument :
MSVOA_W
ClientSampled :

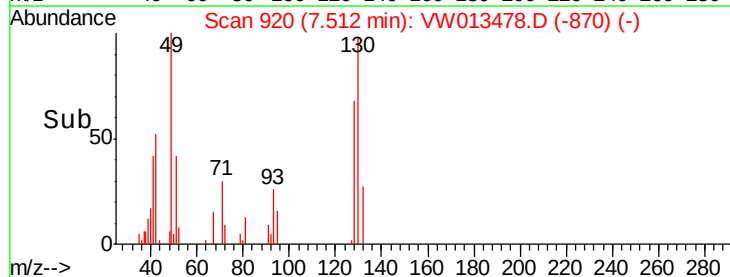
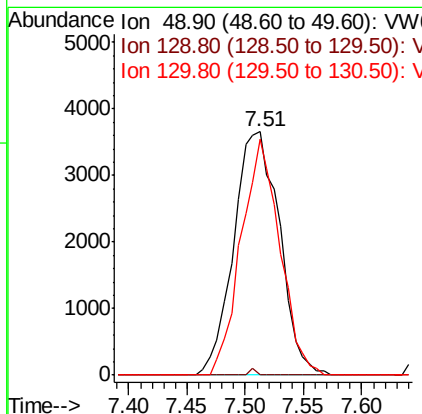
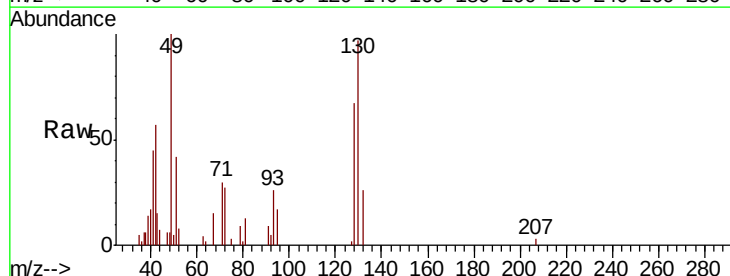
Tot Ion: 96 Resp: 16651
Ion Ratio Lower Upper
96 100
61 152.3 0.0 274.4
98 68.6 0.0 130.2

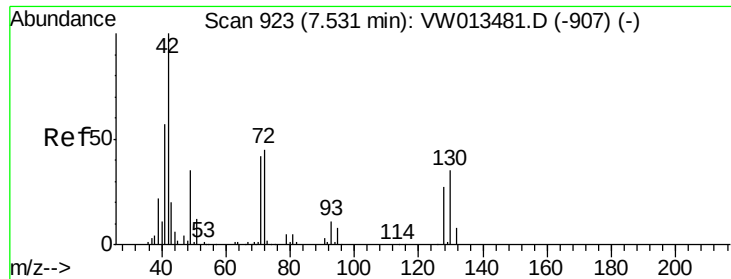


#28

Bromochloromethane
Concen: 5.286 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Tgt Ion: 49 Resp: 9980
Ion Ratio Lower Upper
49 100
129 0.4 0.0 1.6
130 82.2 0.0 0.0#

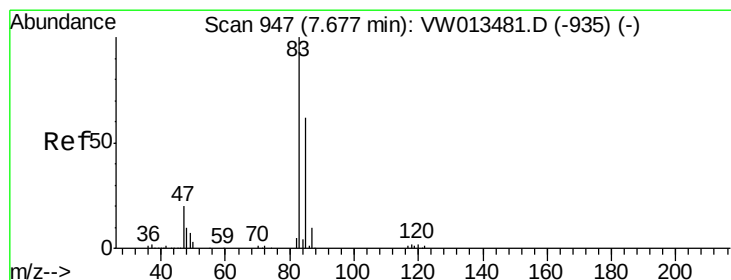
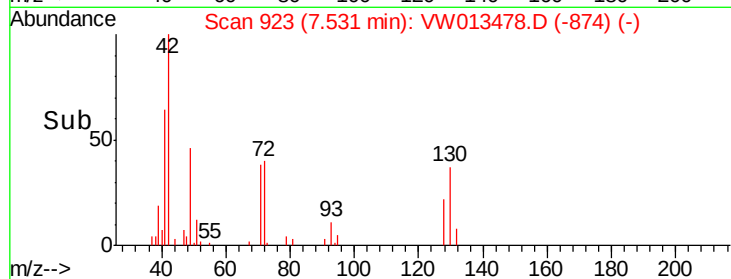
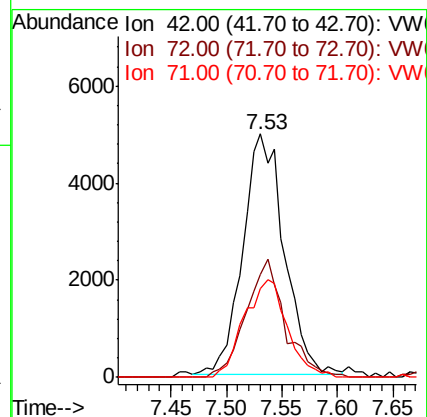
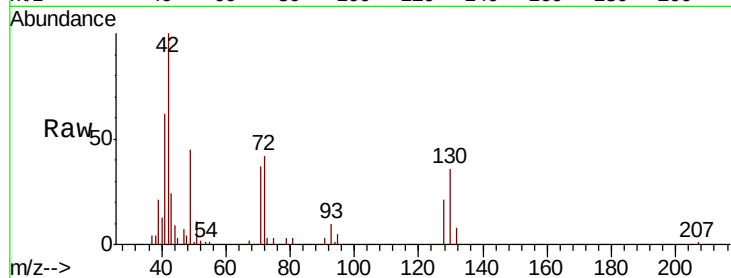




#29
Tetrahydrofuran
Concen: 22.706 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

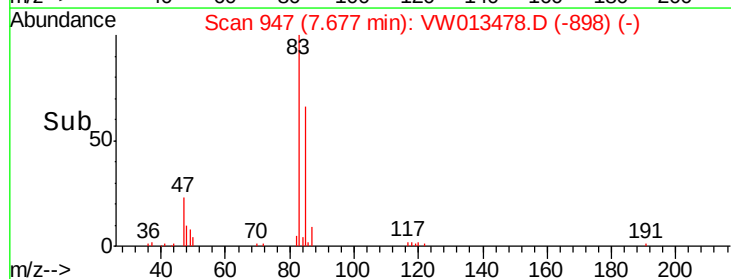
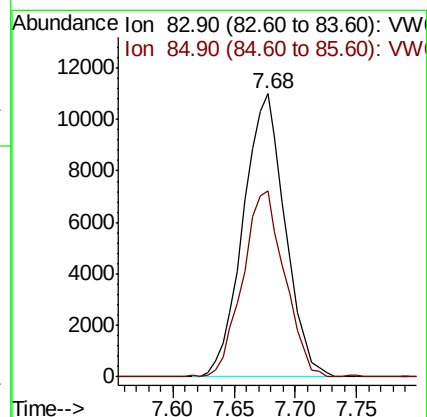
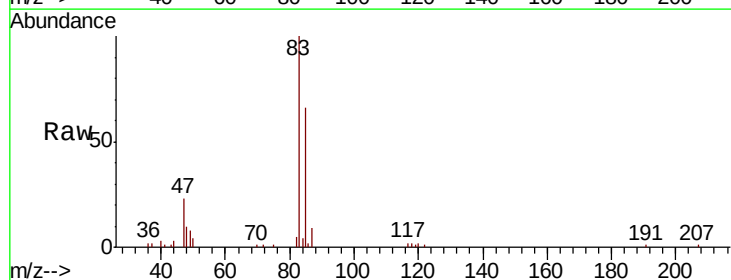
Instrument :
MSVOA_W
ClientSampled :

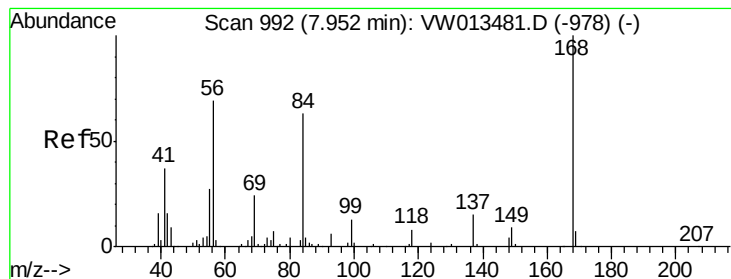
Tot Ion: 42 Resp: 12744
Ion Ratio Lower Upper
42 100
72 46.6 34.8 52.2
71 42.4 33.6 50.4



#30
Chloroform
Concen: 5.119 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Tgt Ion: 83 Resp: 26214
Ion Ratio Lower Upper
83 100
85 65.5 49.4 74.2





#31

Cyclohexane

Concen: 5.698 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Instrument :

MSVOA_W

ClientSampleId :

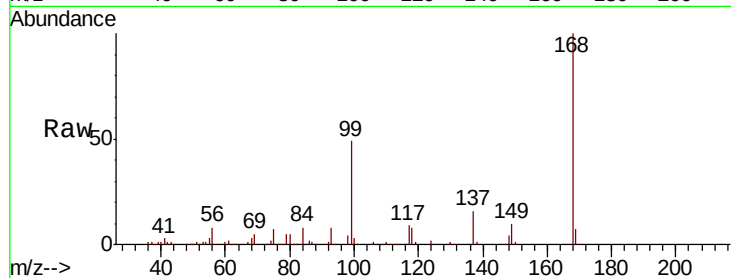
Tot Ion: 56 Resp: 31926

Ion Ratio Lower Upper

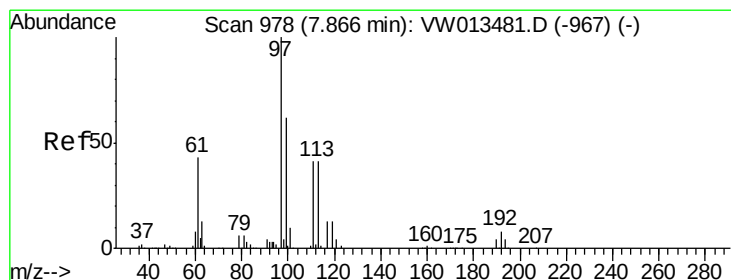
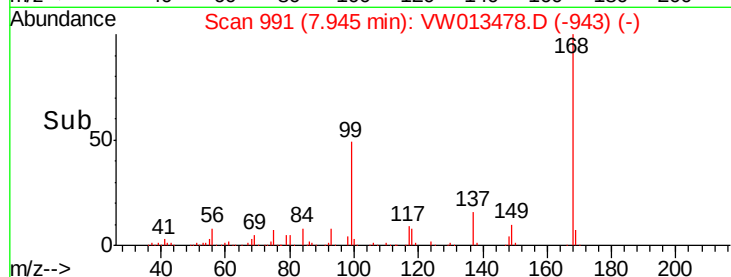
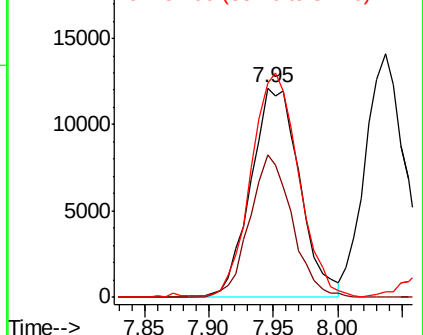
56 100

69 68.2 28.0 42.0#

84 101.5 71.8 107.6



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: 4.882 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

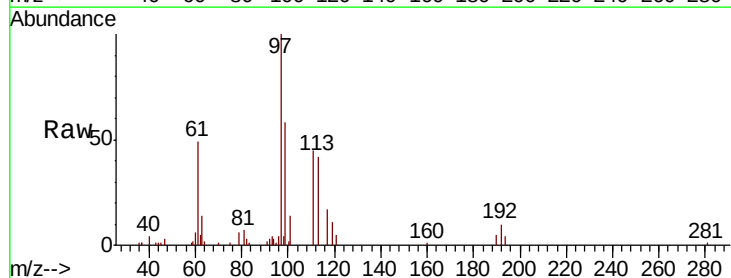
Tgt Ion: 97 Resp: 20322

Ion Ratio Lower Upper

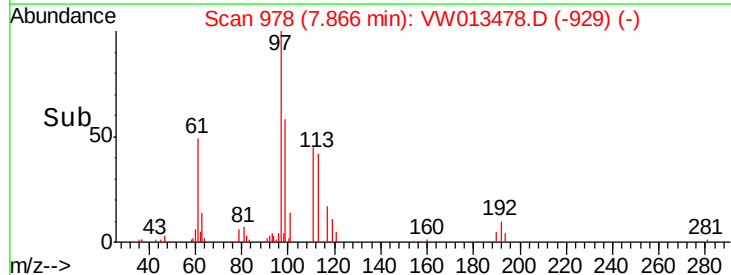
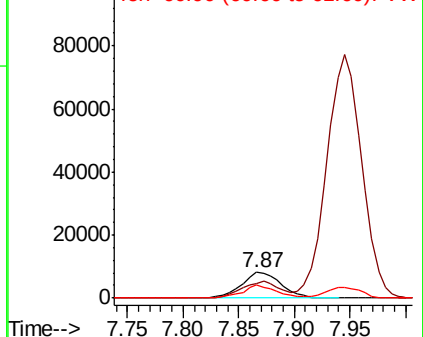
97 100

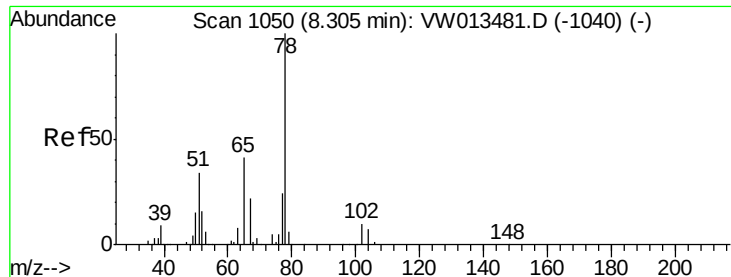
99 62.6 52.3 78.5

61 42.7 33.7 50.5



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

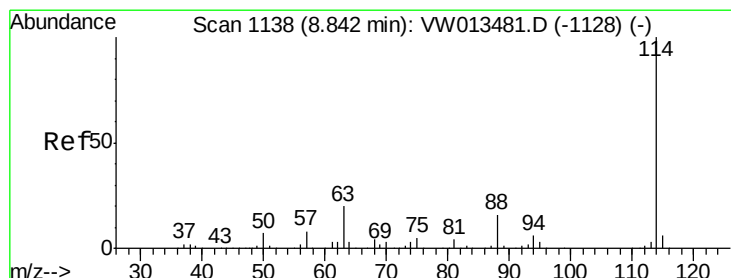
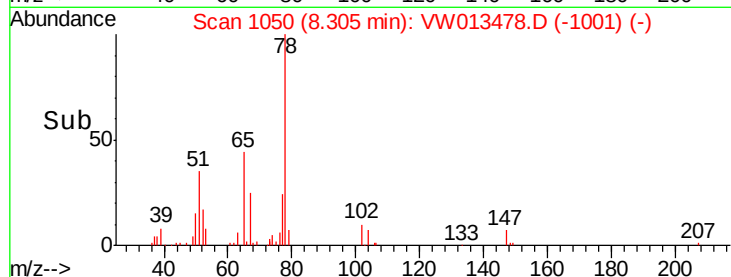
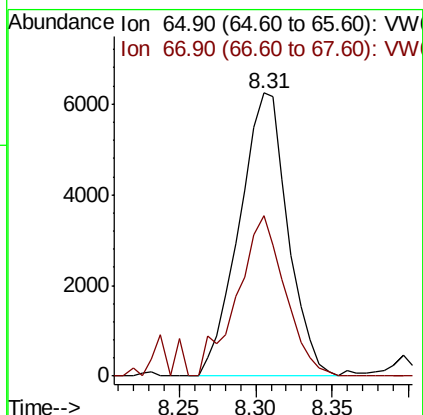
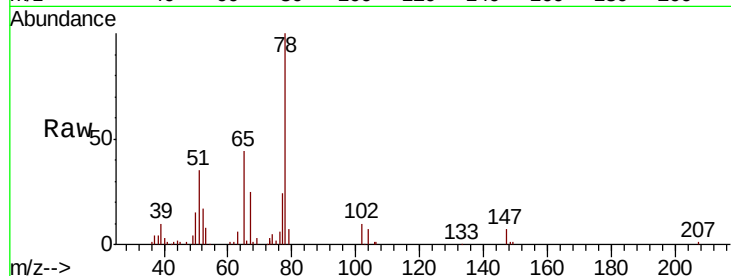




#33
 1,2-Dichloroethane-d4
 Concen: 5.151 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013478.D
 Acq: 08 Oct 2019 10:27

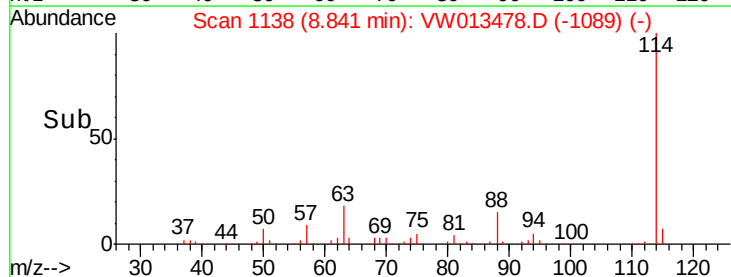
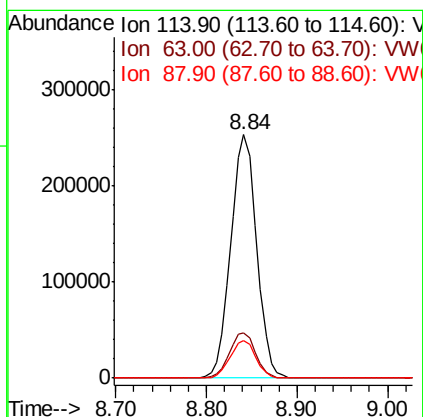
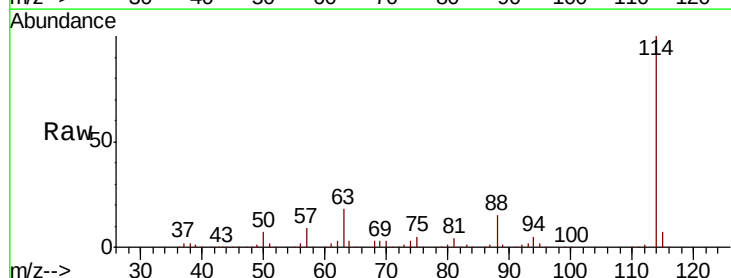
Instrument :
 MSVOA_W
 ClientSampleId :

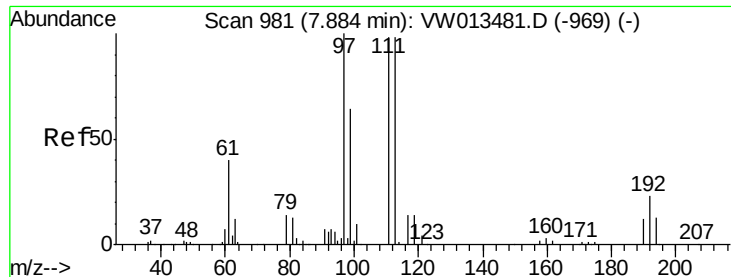
Tot Ion: 65 Resp: 13794
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013478.D
 Acq: 08 Oct 2019 10:27

Tgt Ion: 114 Resp: 499441
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 40.4
 88 15.5 0.0 31.4

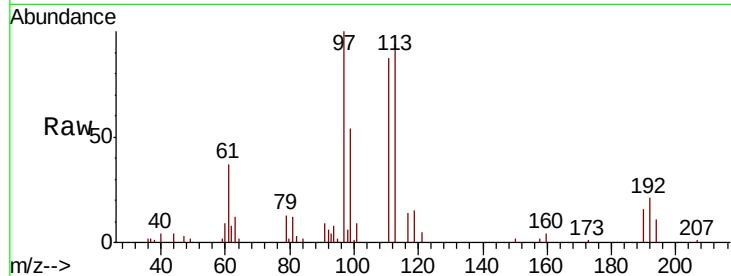




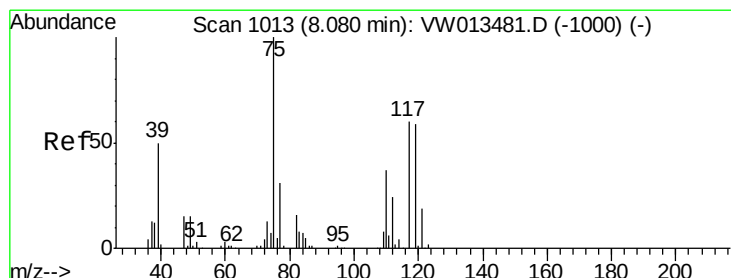
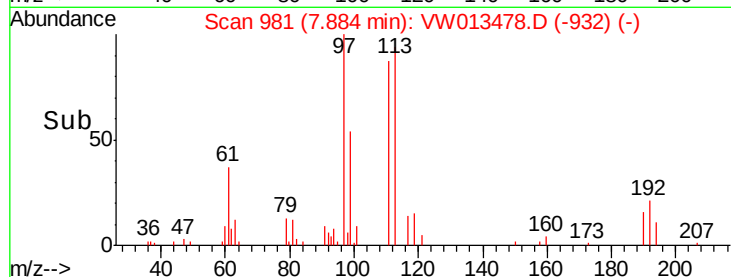
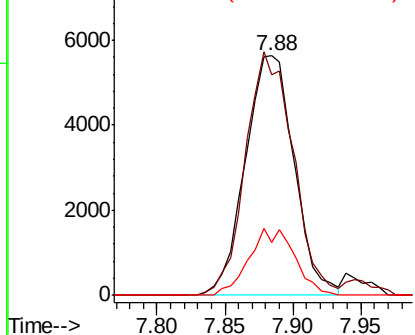
#35
 Dibromofluoromethane
 Concen: 5.084 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013478.D
 Acq: 08 Oct 2019 10:27

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	98.8	82.3	123.5
192	25.8	19.3	28.9

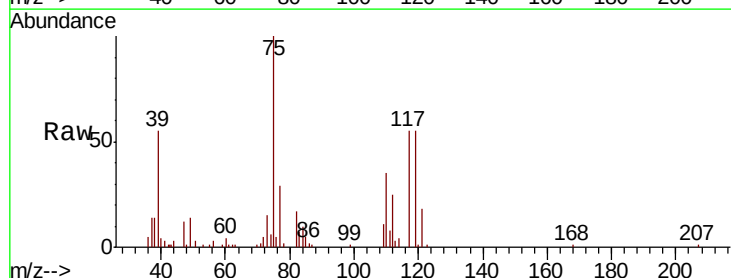


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

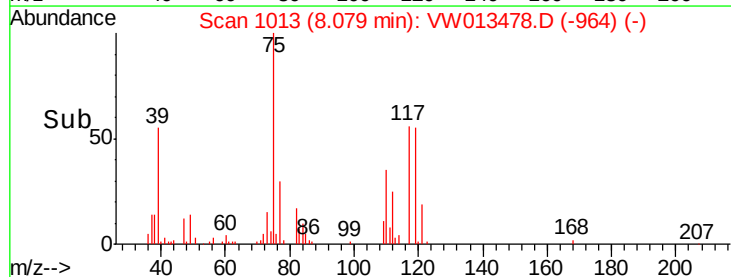
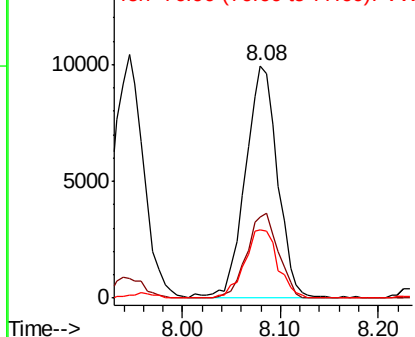


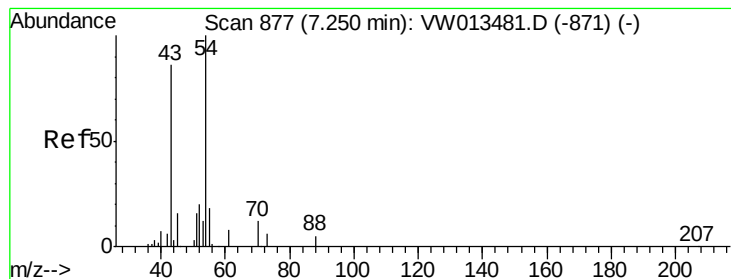
#36
 1,1-Dichloropropene
 Concen: 5.013 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013478.D
 Acq: 08 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.4	55.2
77	30.3	25.0	37.4



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





#37

Ethyl Acetate

Concen: 5.223 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Instrument :

MSVOA_W

ClientSampled :

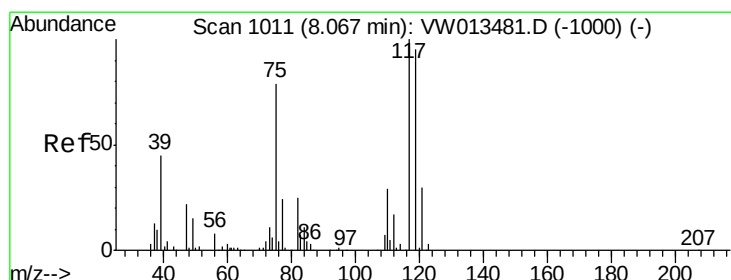
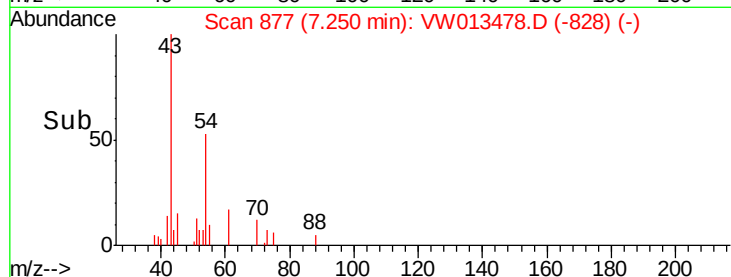
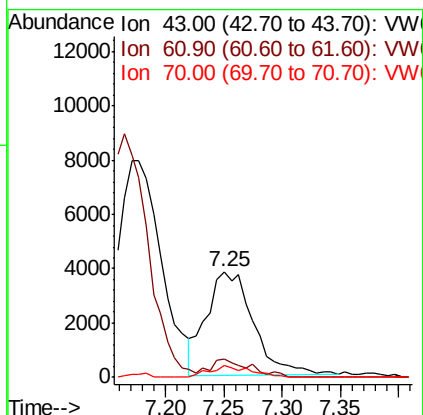
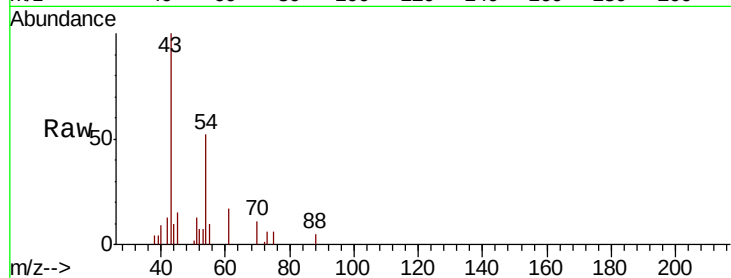
Tot Ion: 43 Resp: 10706

Ion Ratio Lower Upper

43 100

61 14.9 10.9 16.3

70 9.7 9.2 13.8



#38

Carbon Tetrachloride

Concen: 4.756 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

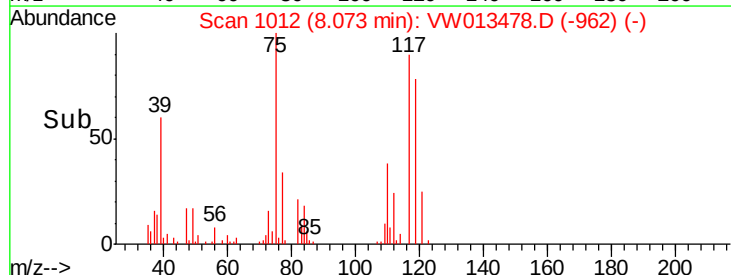
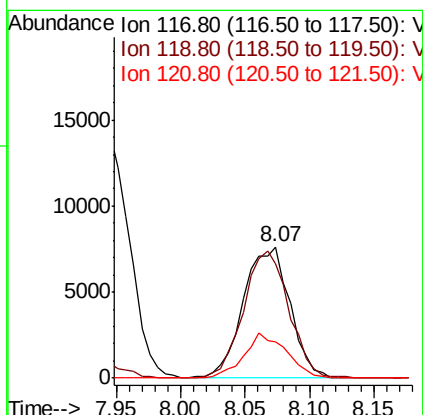
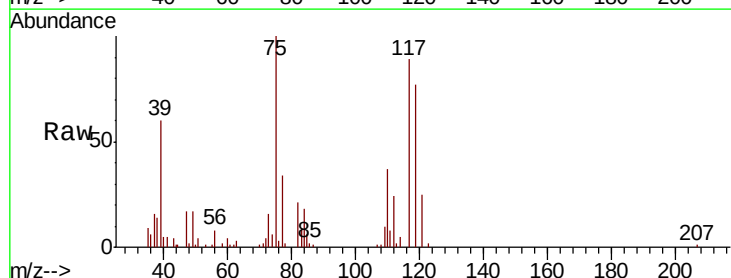
Tgt Ion: 117 Resp: 19050

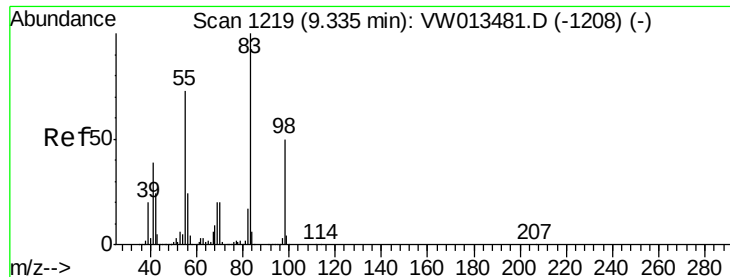
Ion Ratio Lower Upper

117 100

119 87.1 76.3 114.5

121 27.9 23.6 35.4

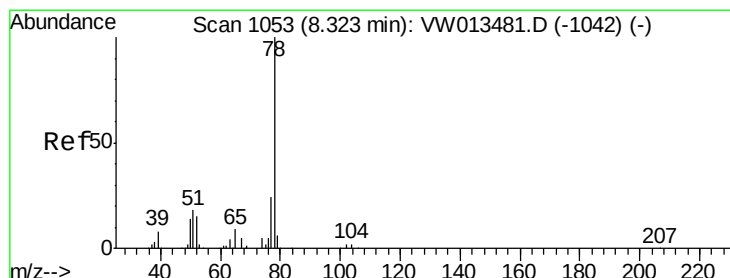
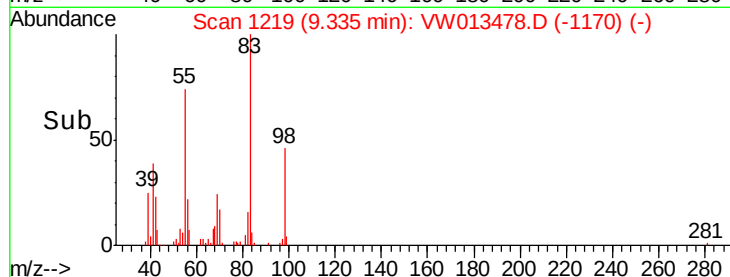
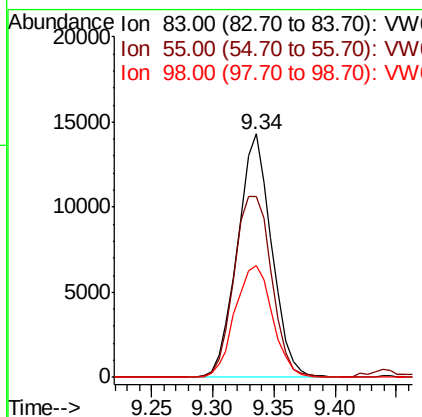
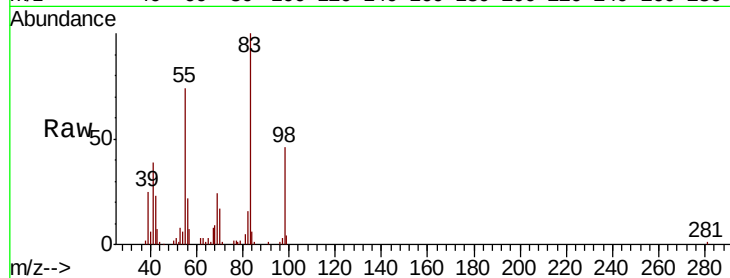




#39
Methylvlcyclohexane
Concen: 4.732 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

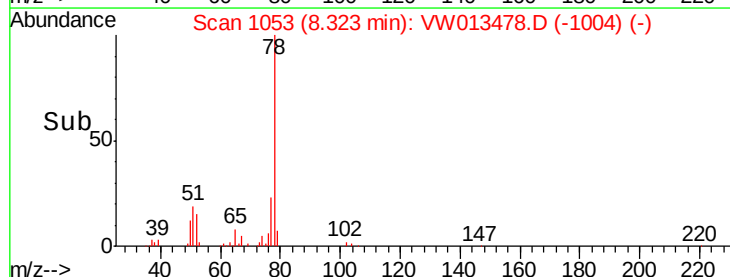
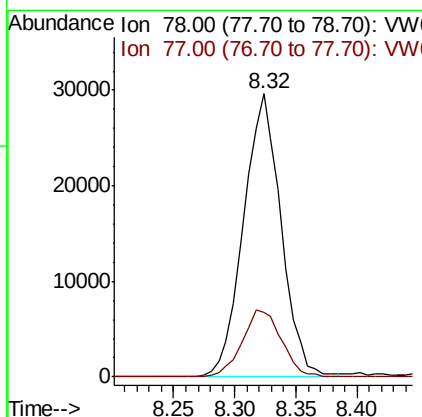
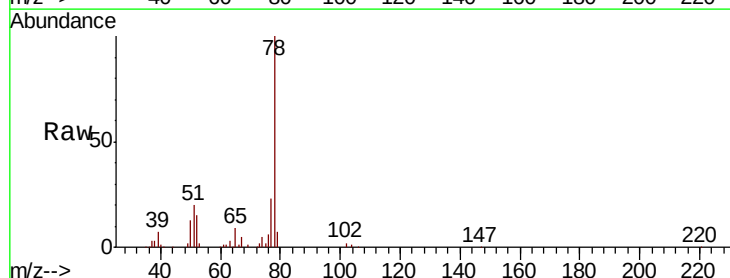
Instrument :
MSVOA_W
ClientSampleId :

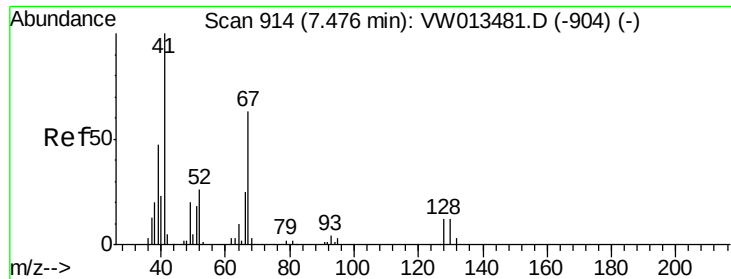
Tot Ion: 83 Resp: 27699
Ion Ratio Lower Upper
83 100
55 74.2 58.2 87.4
98 46.0 39.8 59.6



#40
Benzene
Concen: 5.024 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Tgt Ion: 78 Resp: 63363
Ion Ratio Lower Upper
78 100
77 22.7 19.2 28.8

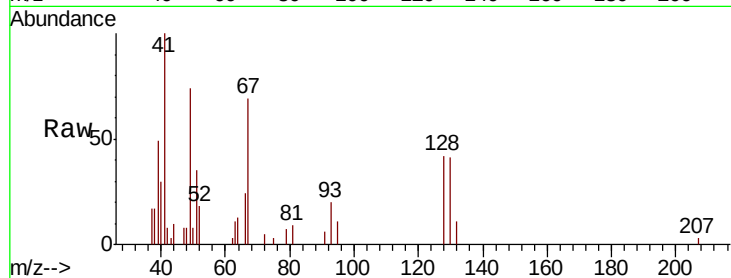




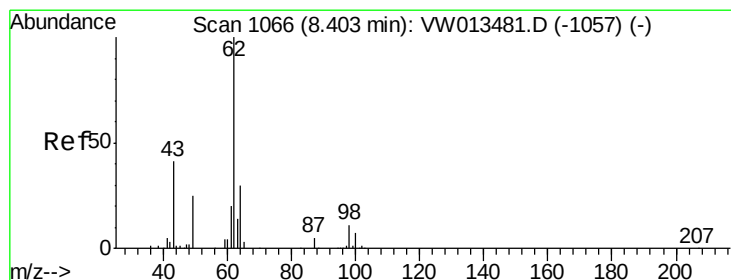
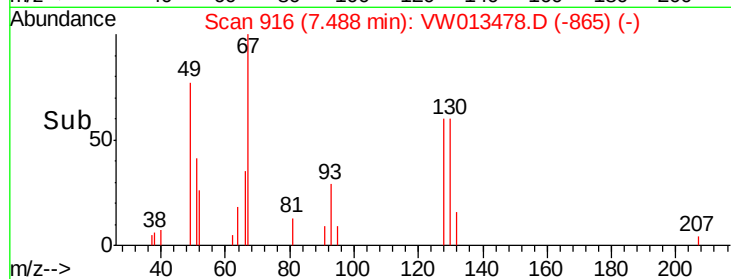
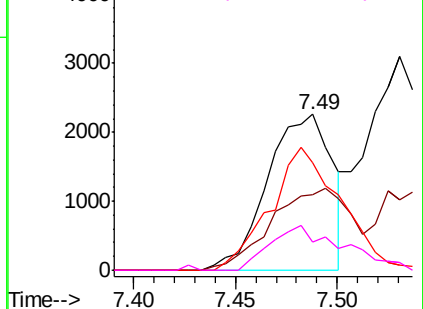
#41
Methacrylonitrile
Concen: 4.303 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	5016
Ion	Ratio	Lower	Upper
41	100		
39	64.2	39.4	59.0#
67	85.3	57.0	85.6
52	32.3	22.4	33.6

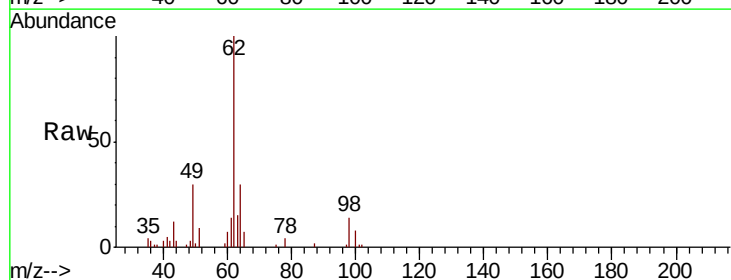


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

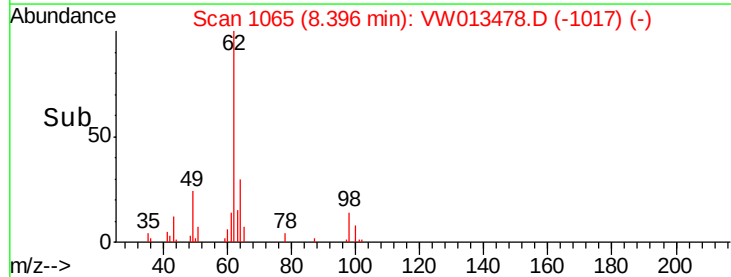
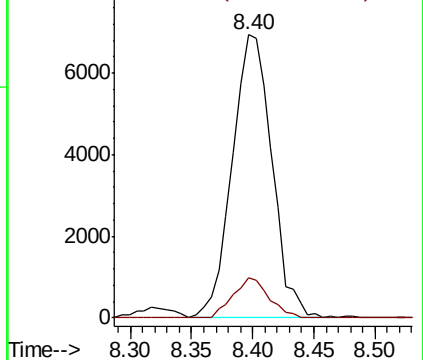


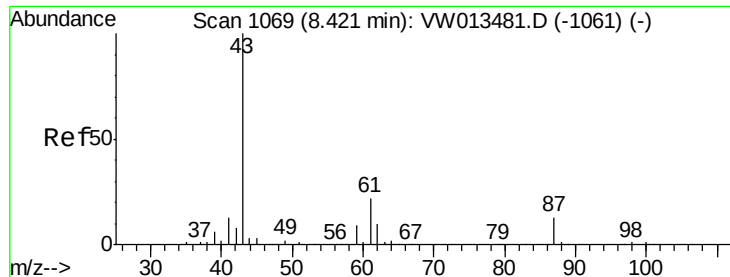
#42
1,2-Dichloroethane
Concen: 4.900 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Tgt Ion:	62	Resp:	15621
Ion	Ratio	Lower	Upper
62	100		
98	12.7	0.0	21.4



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 4.675 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Instrument :

MSVOA_W

ClientSampled :

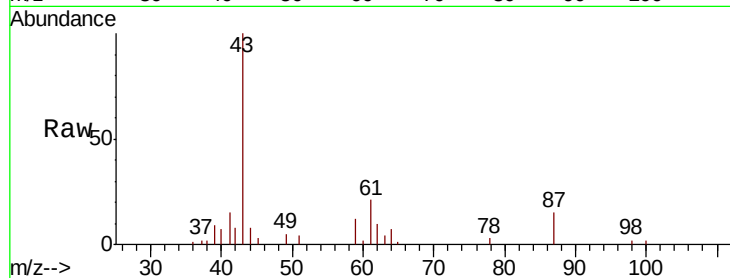
Tot Ion: 43 Resp: 17315

Ion Ratio Lower Upper

43 100

61 30.5 25.4 38.2

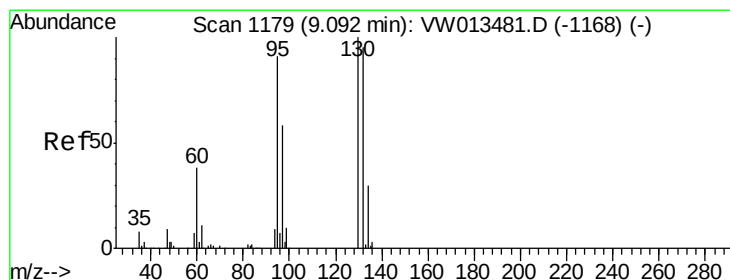
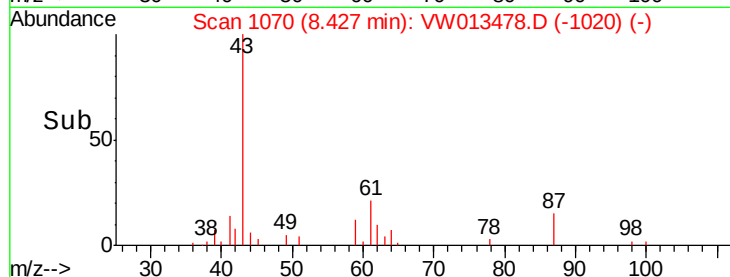
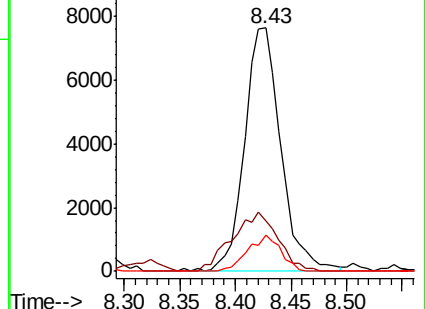
87 13.7 10.8 16.2



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: 4.903 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW013478.D

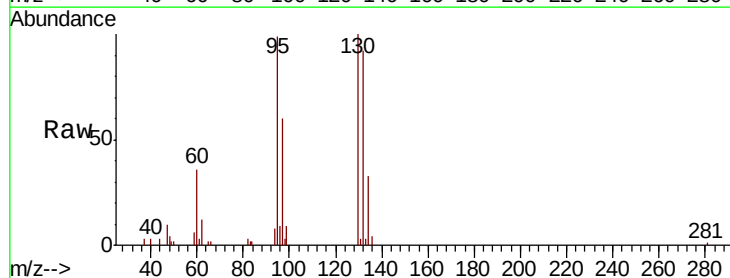
Acq: 08 Oct 2019 10:27

Tgt Ion: 130 Resp: 17642

Ion Ratio Lower Upper

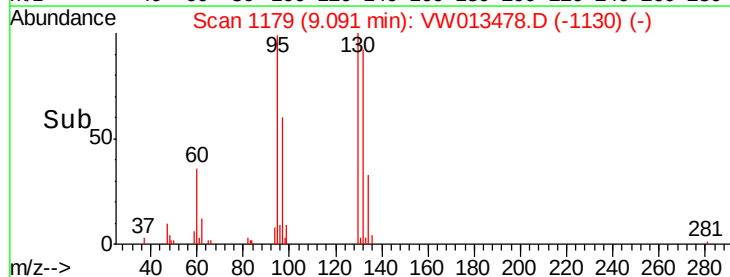
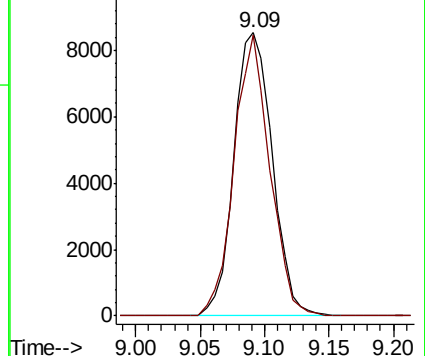
130 100

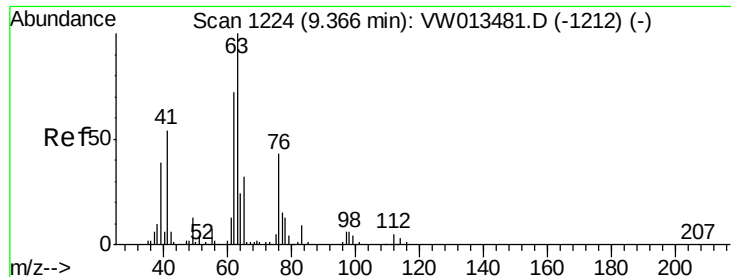
95 99.3 0.0 182.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

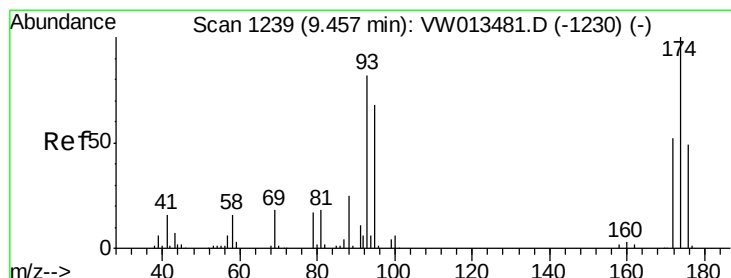
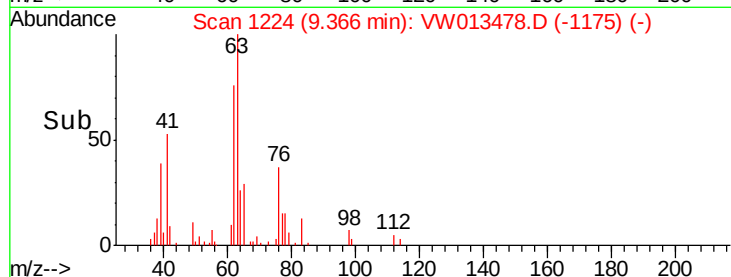
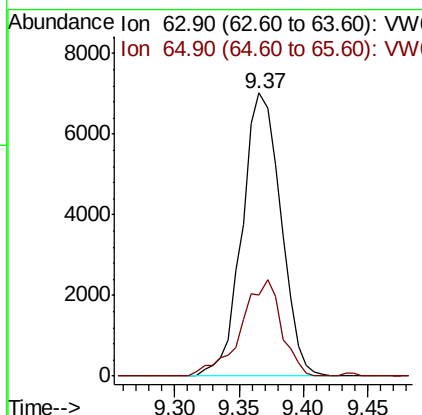
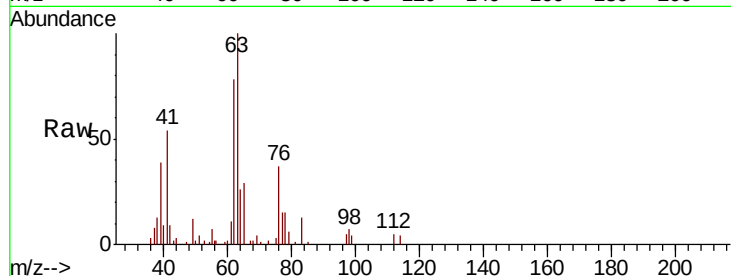




#45
 1,2-Dichloropropane
 Concen: 4.822 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW013478.D
 Acq: 08 Oct 2019 10:27

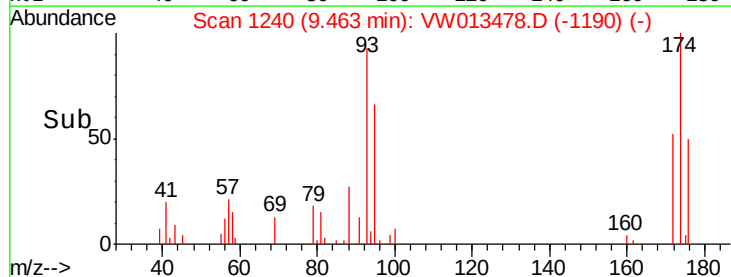
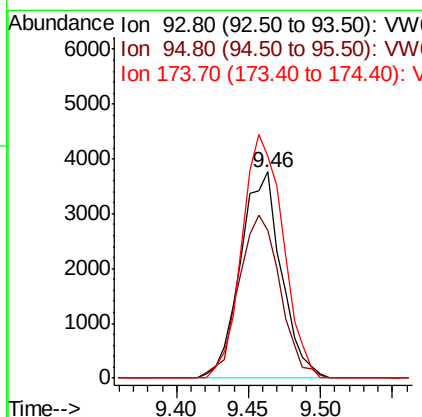
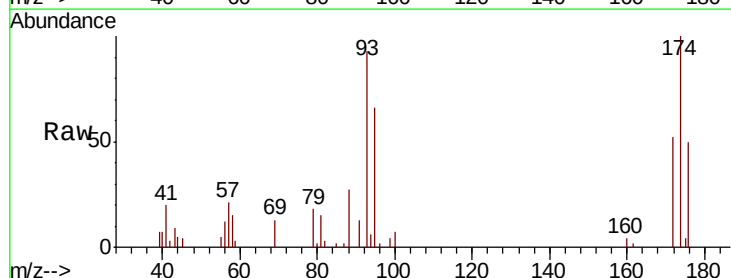
Instrument :
 MSVOA_W
 ClientSampleId :

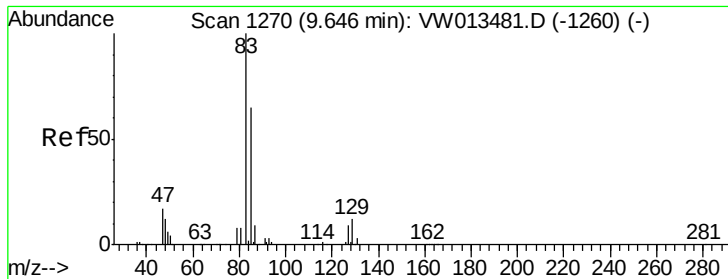
Tot Ion: 63 Resp: 14597
 Ion Ratio Lower Upper
 63 100
 65 28.7 25.8 38.6



#46
 Dibromomethane
 Concen: 4.898 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW013478.D
 Acq: 08 Oct 2019 10:27

Tgt Ion: 93 Resp: 7387
 Ion Ratio Lower Upper
 93 100
 95 80.6 68.0 102.0
 174 118.8 97.0 145.6





#47

Bromodichloromethane

Concen: 4.890 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Instrument :

MSVOA_W

ClientSampleId :

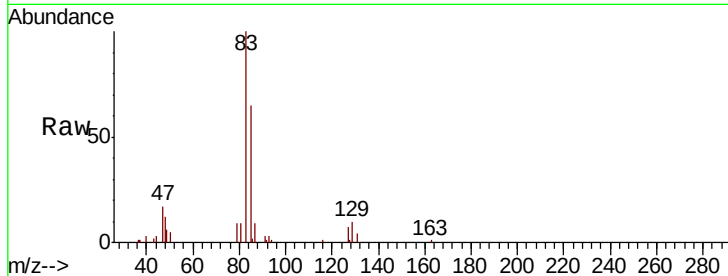
Tot Ion: 83 Resp: 18331

Ion Ratio Lower Upper

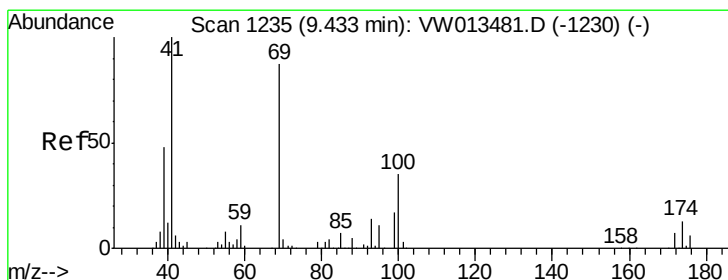
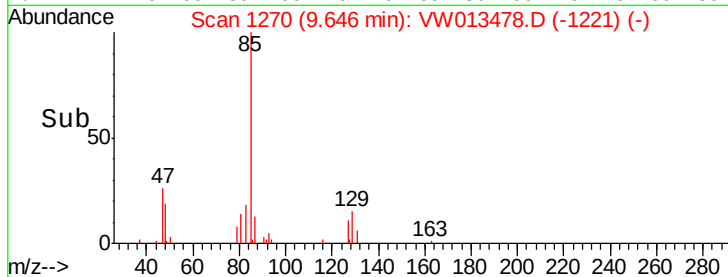
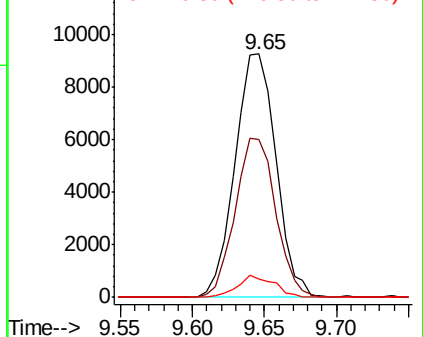
83 100

85 64.8 51.9 77.9

127 7.3 7.4 11.2#



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): V



#48

Methyl methacrylate

Concen: 4.804 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

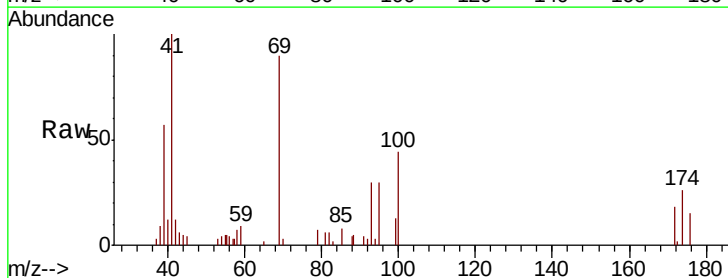
Tgt Ion: 41 Resp: 8764

Ion Ratio Lower Upper

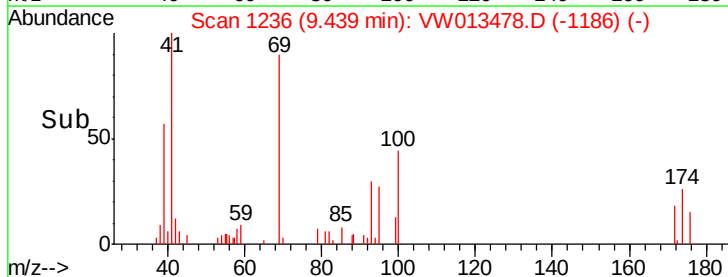
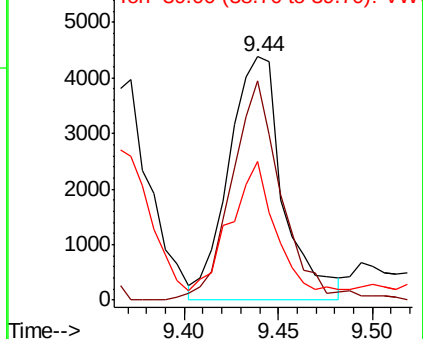
41 100

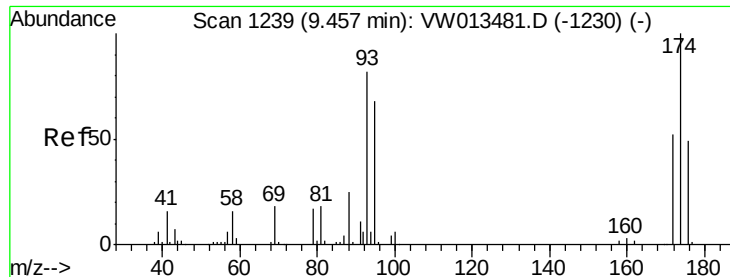
69 82.7 70.4 105.6

39 45.0 37.3 55.9



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

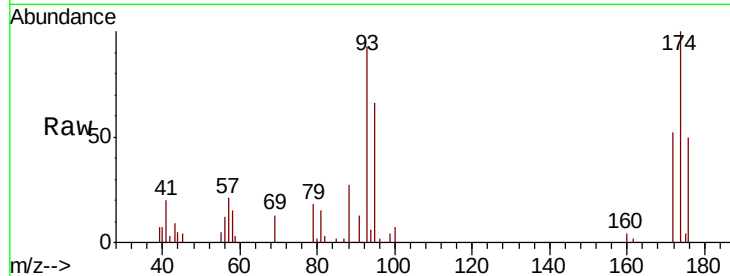




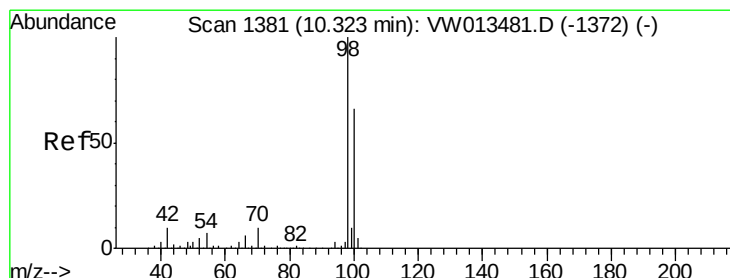
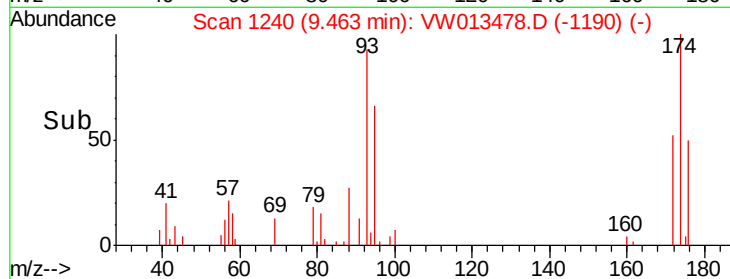
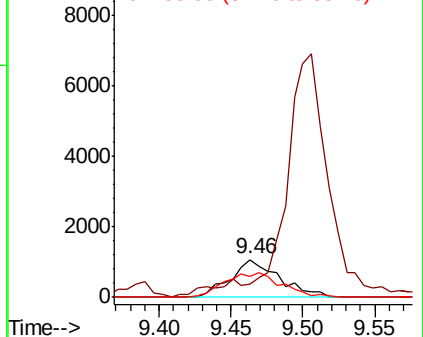
#49
1,4-Dioxane
Concen: 95.394 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 2526
Ion Ratio Lower Upper
88 100
43 31.6 0.0 0.0#
58 76.9 60.0 90.0

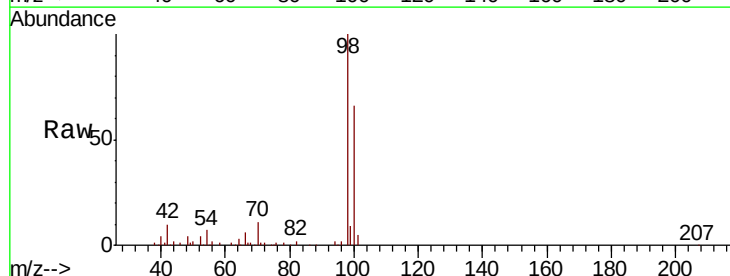


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

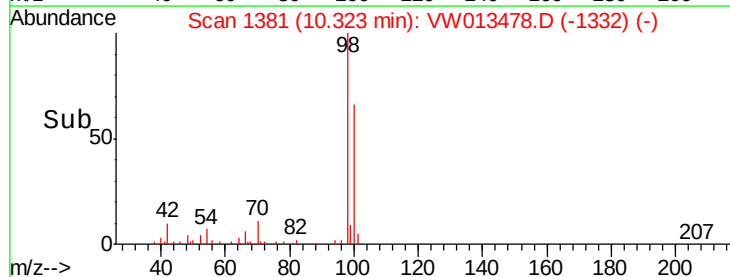
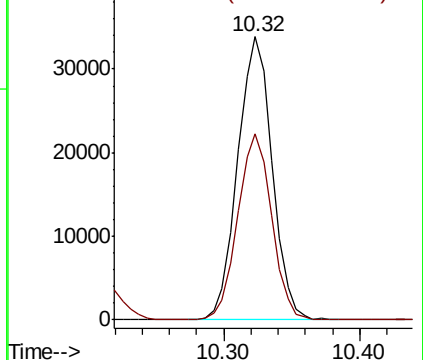


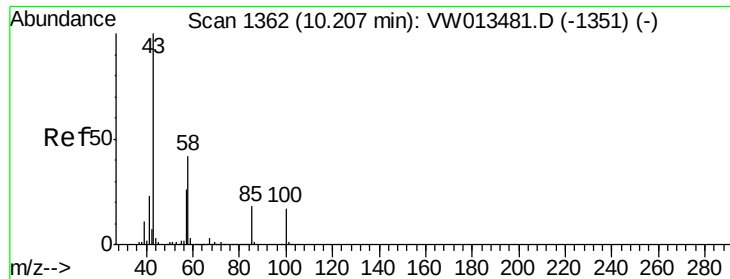
#50
Toluene-d8
Concen: 5.096 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Tgt Ion: 98 Resp: 59744
Ion Ratio Lower Upper
98 100
100 64.7 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

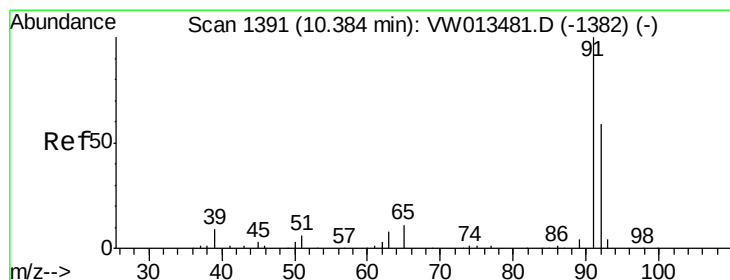
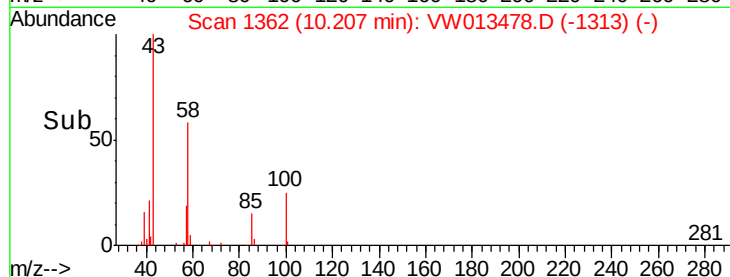
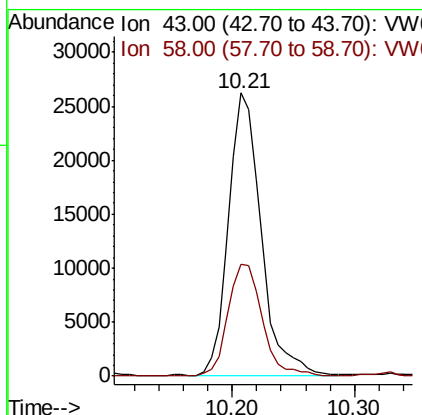
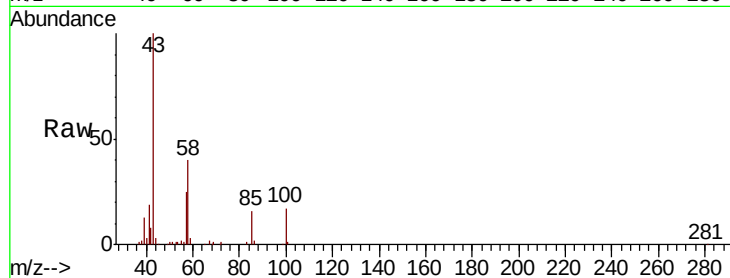




#51
4-Methyl-2-Pentanone
Concen: 25.045 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

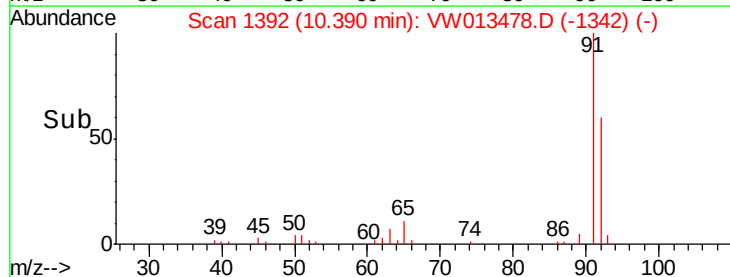
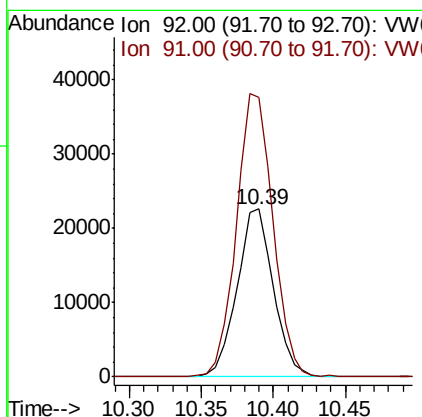
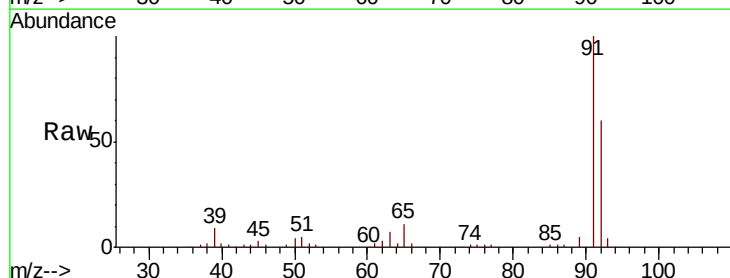
Instrument :
MSVOA_W
ClientSampleId :

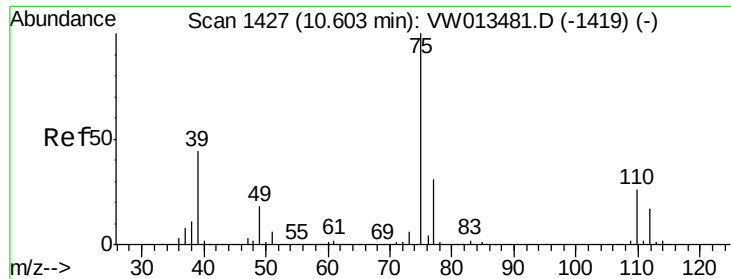
Tot Ion: 43 Resp: 48765
Ion Ratio Lower Upper
43 100
58 41.2 32.8 49.2



#52
Toluene
Concen: 4.866 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Tgt Ion: 92 Resp: 39528
Ion Ratio Lower Upper
92 100
91 170.5 134.8 202.2

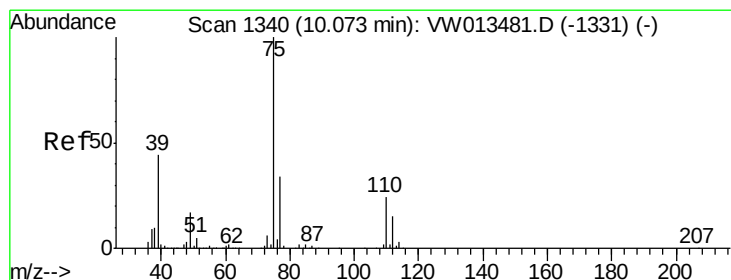
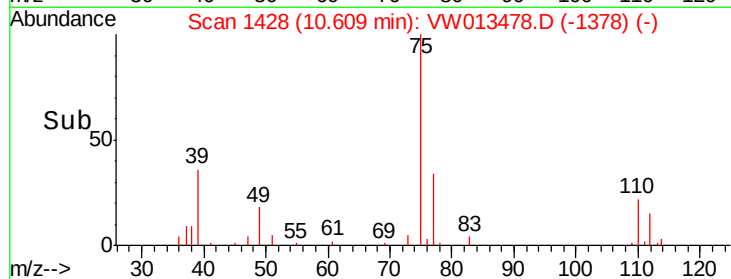
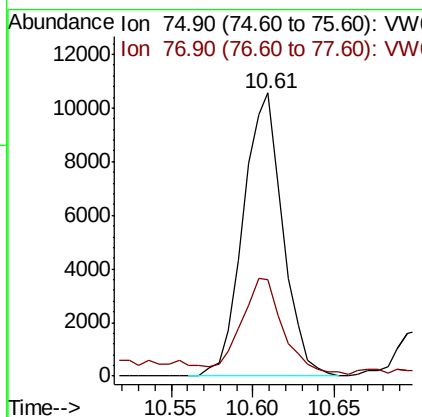
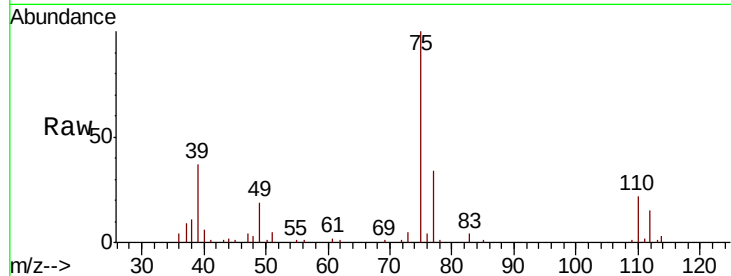




#53
t-1,3-Dichloropropene
Concen: 4.583 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.01 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

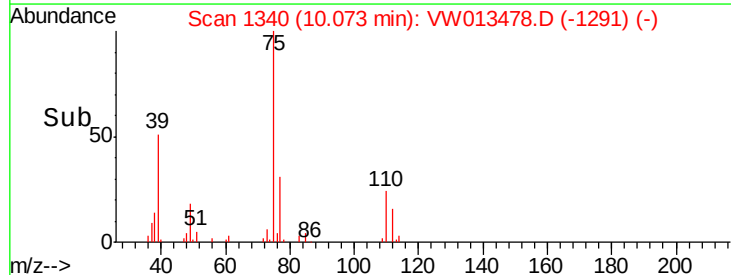
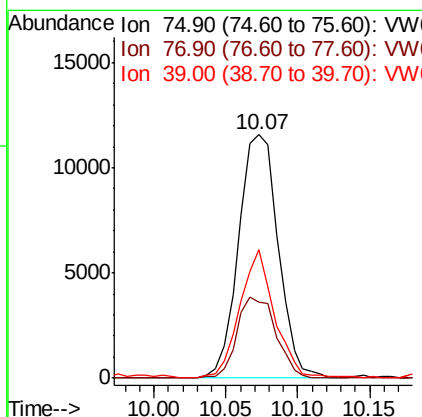
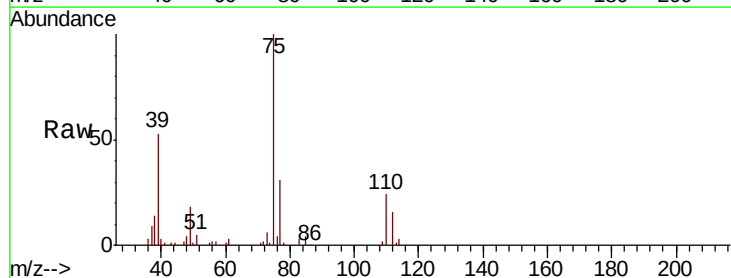
Instrument :
MSVOA_W
ClientSampleId :

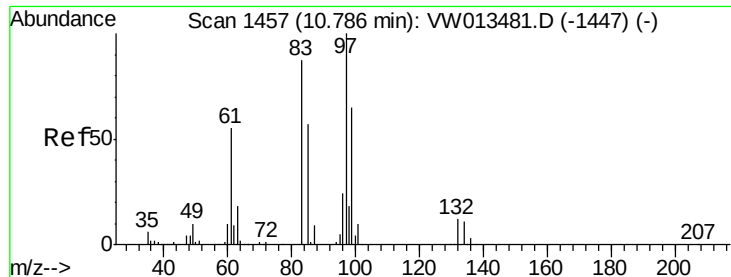
Tot Ion: 75 Resp: 17851
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 4.680 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Tgt Ion: 75 Resp: 22088
Ion Ratio Lower Upper
75 100
77 31.2 27.0 40.4
39 52.9 35.0 52.4#

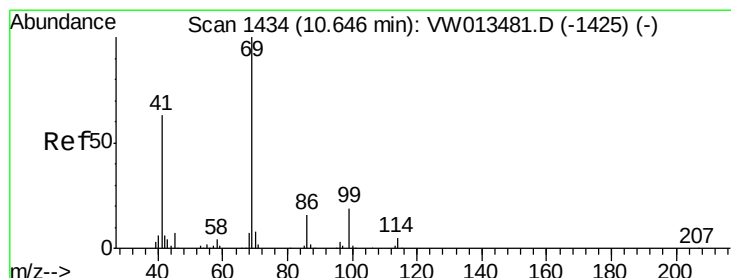
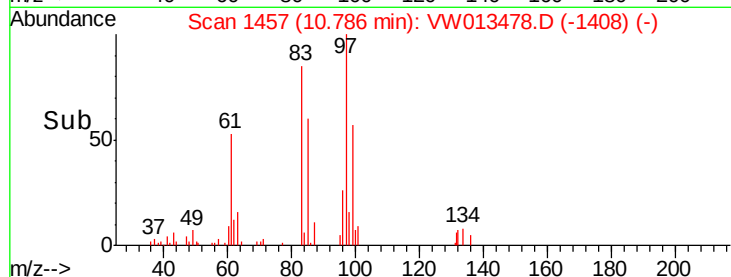
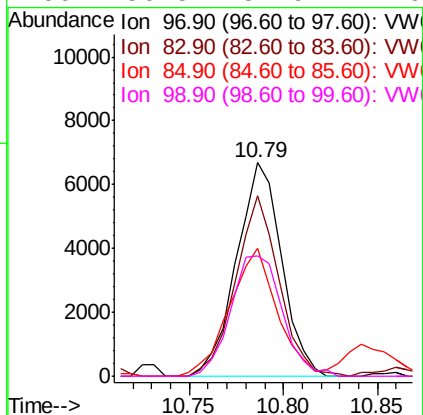
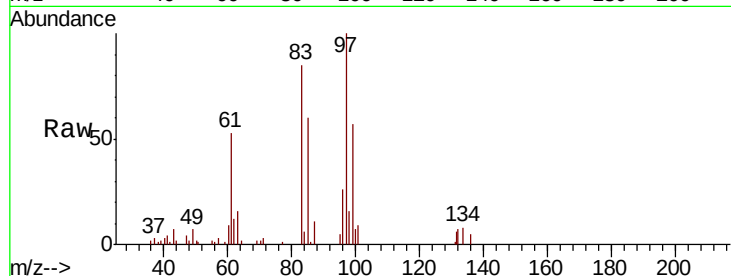




#55
 1,1,2-Trichloroethane
 Concen: 4.906 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013478.D
 Acq: 08 Oct 2019 10:27

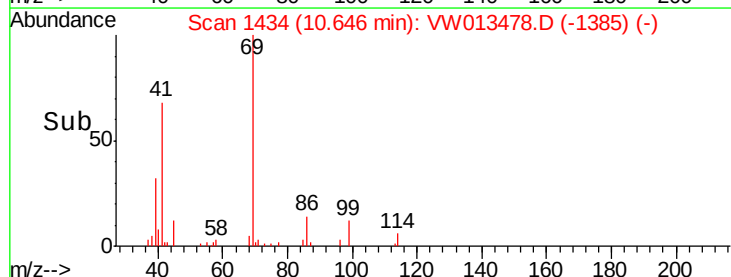
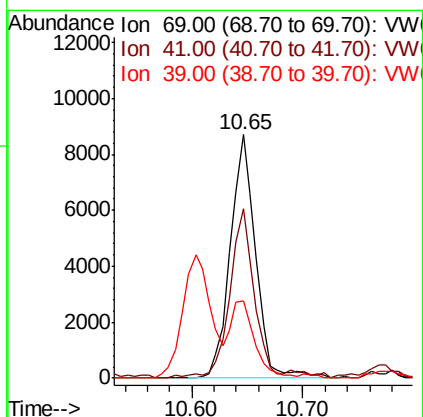
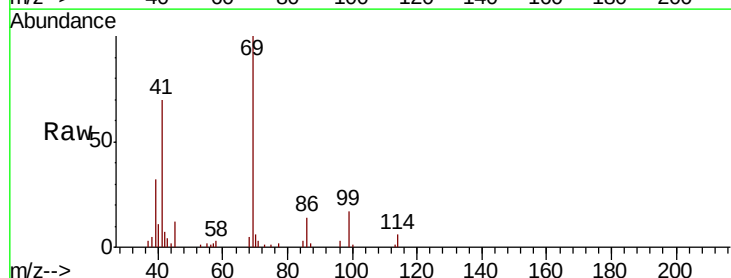
Instrument :
 MSVOA_W
 ClientSampled :

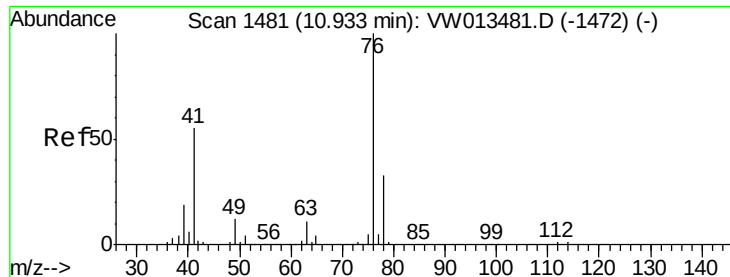
Tot Ion:	97	Resp:	11106
Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.8	104.8
85	57.7	45.4	68.0
99	56.5	51.9	77.9



#56
 Ethyl methacrylate
 Concen: 4.488 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013478.D
 Acq: 08 Oct 2019 10:27

Tgt Ion:	69	Resp:	13684
Ion	Ratio	Lower	Upper
69	100		
41	66.7	51.8	77.6
39	30.8	21.7	32.5

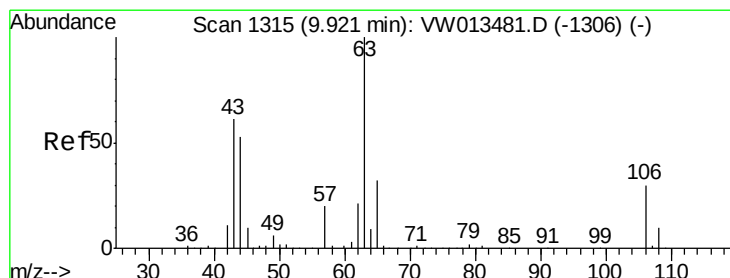
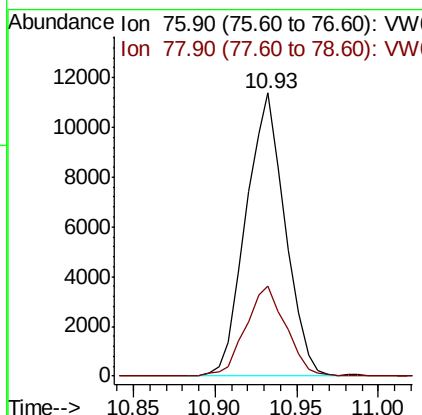
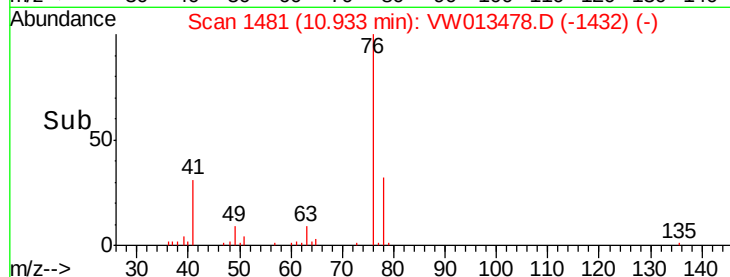
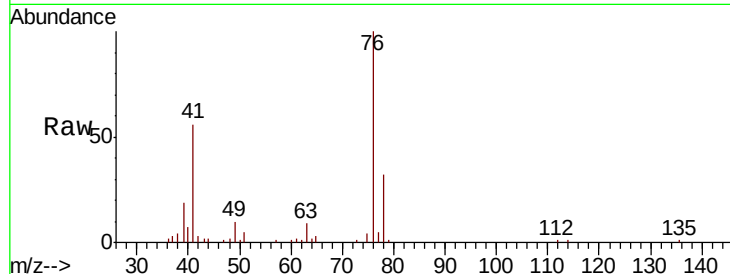




#57
 1,3-Dichloropropane
 Concen: 4.867 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013478.D
 Acq: 08 Oct 2019 10:27

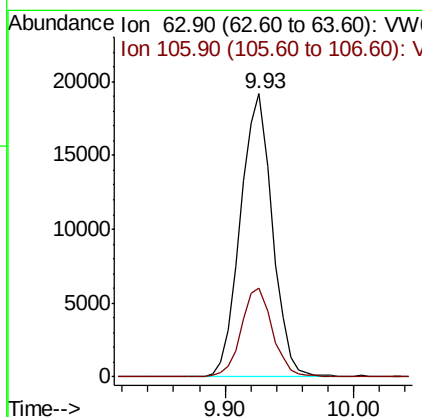
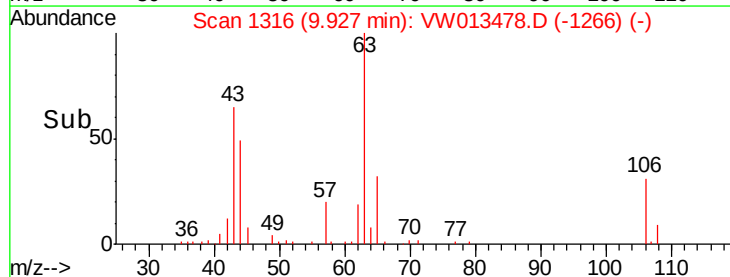
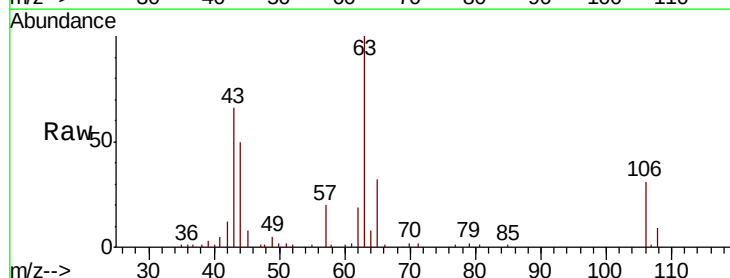
Instrument :
 MSVOA_W
 ClientSampleId :

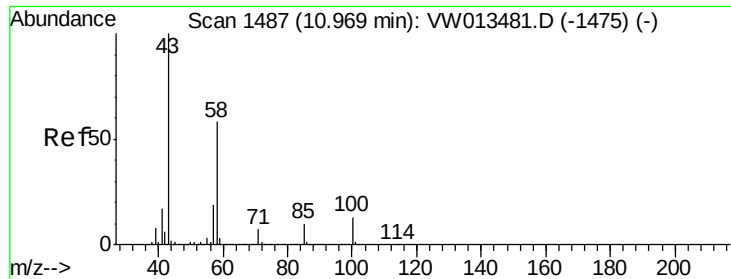
Tot Ion: 76 Resp: 18919
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 22.848 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW013478.D
 Acq: 08 Oct 2019 10:27

Tgt Ion: 63 Resp: 32862
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.5 36.7





#59

2-Hexanone

Concen: 22.687 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Instrument :

MSVOA_W

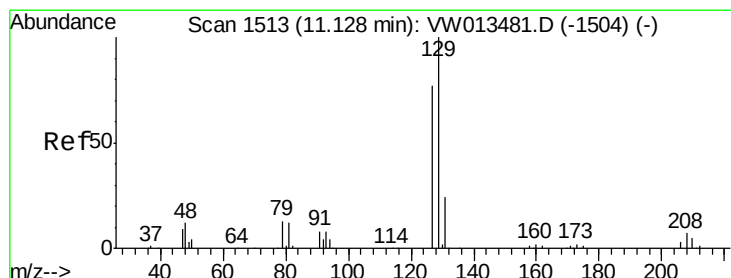
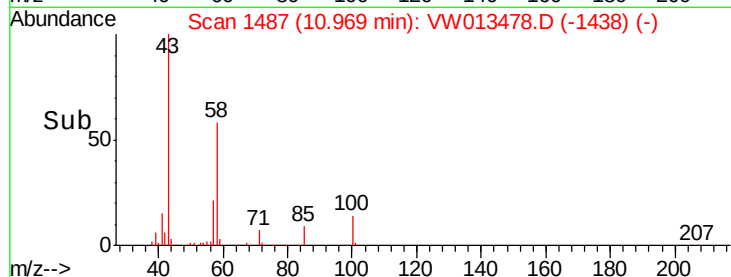
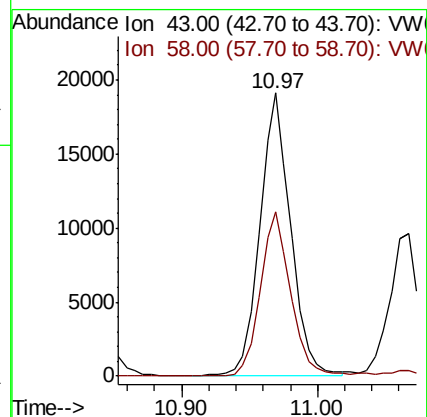
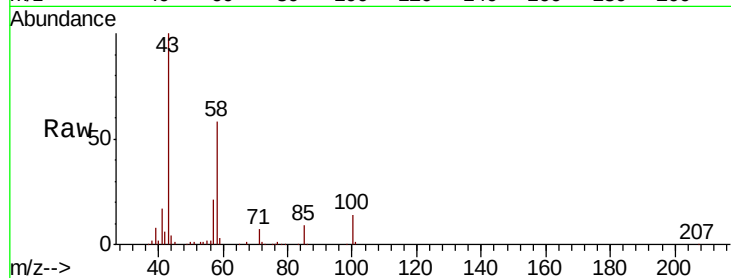
ClientSampleId :

Tot Ion: 43 Resp: 30291

Ion Ratio Lower Upper

43 100

58 57.0 28.4 85.2



#60

Dibromochloromethane

Concen: 4.536 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW013478.D

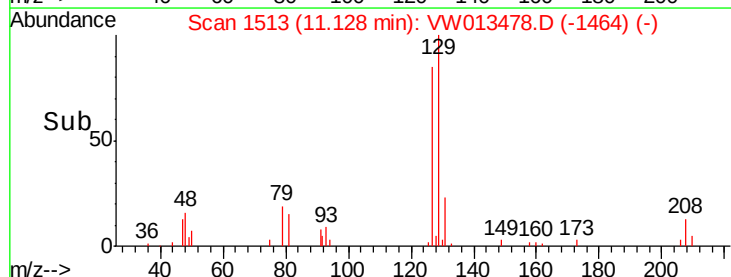
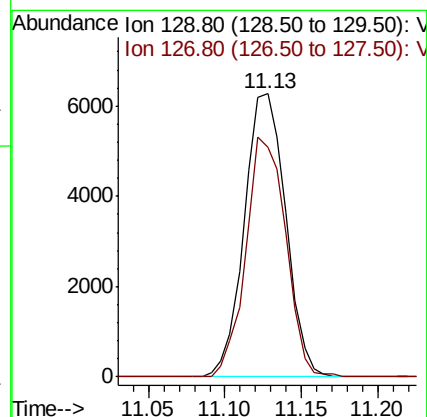
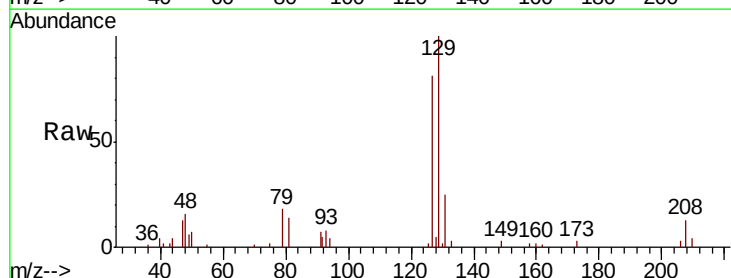
Acq: 08 Oct 2019 10:27

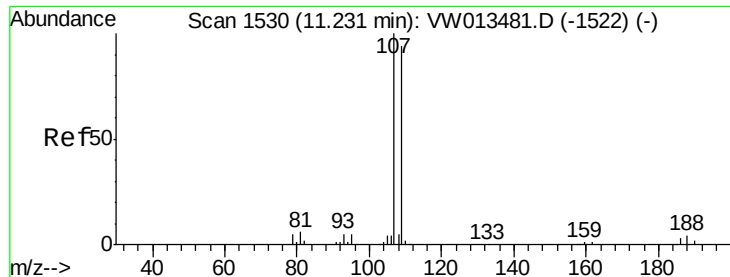
Tgt Ion: 129 Resp: 11807

Ion Ratio Lower Upper

129 100

127 81.7 37.4 112.1





#61

1,2-Dibromoethane

Concen: 4.683 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Instrument :

MSVOA_W

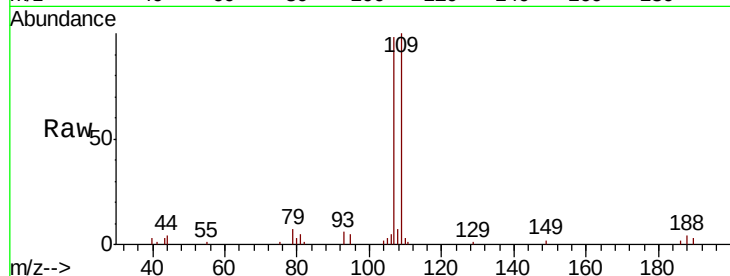
ClientSampleId :

Tot Ion:107 Resp: 10083

Ion Ratio Lower Upper

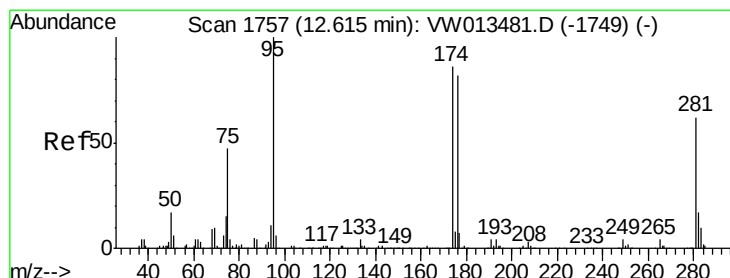
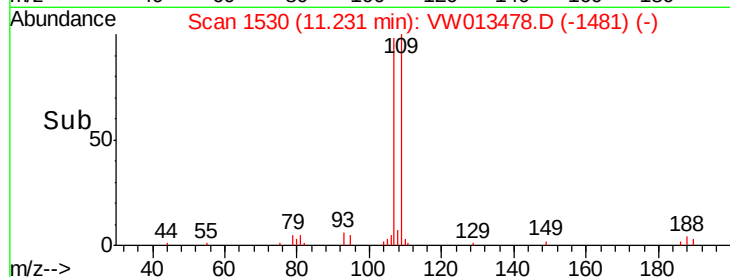
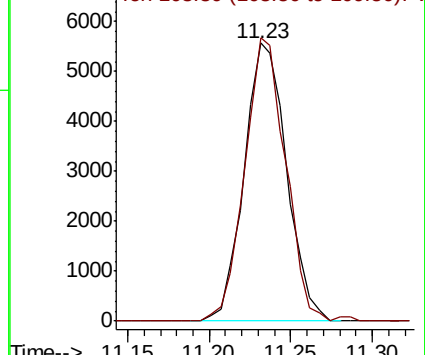
107 100

109 98.4 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.211 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

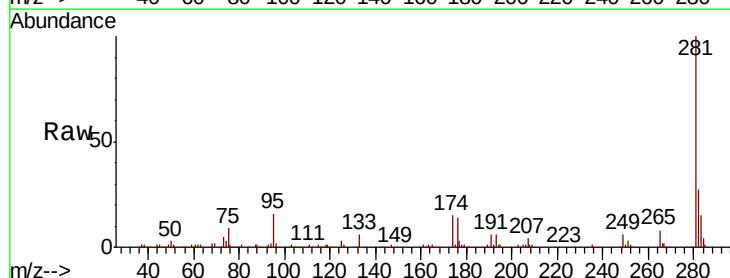
Tgt Ion: 95 Resp: 20520

Ion Ratio Lower Upper

95 100

174 91.0 0.0 177.4

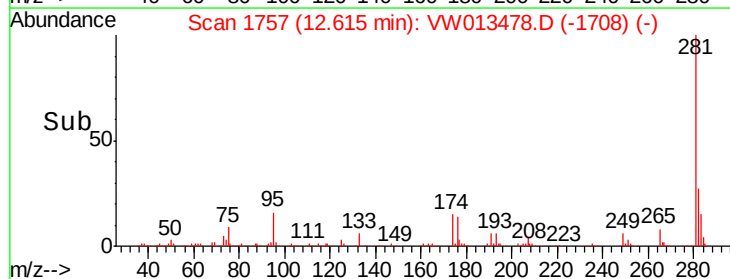
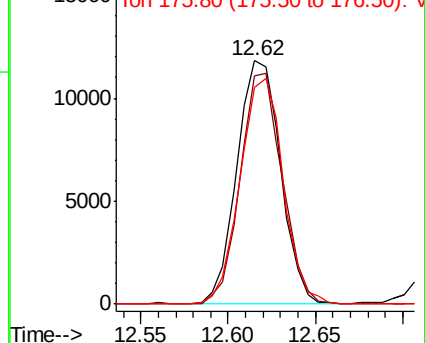
176 91.6 0.0 173.4

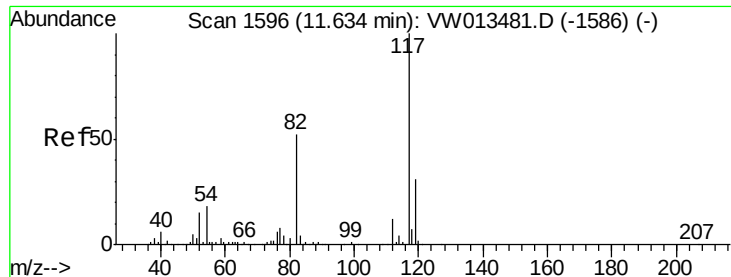


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

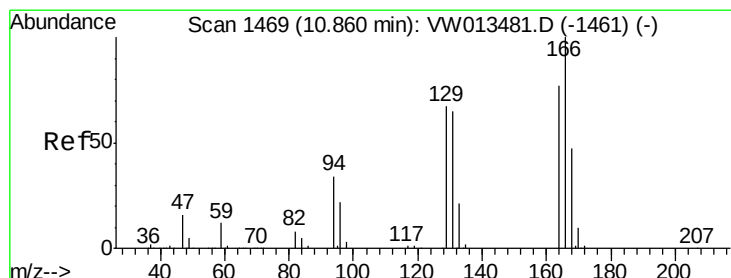
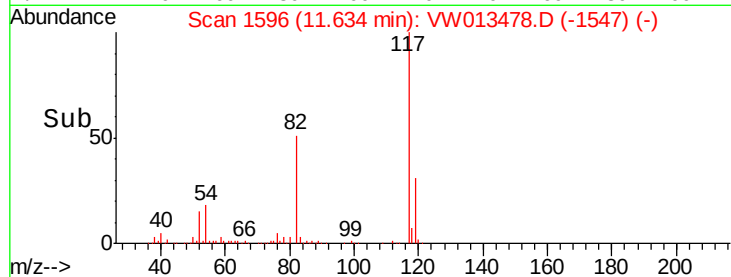
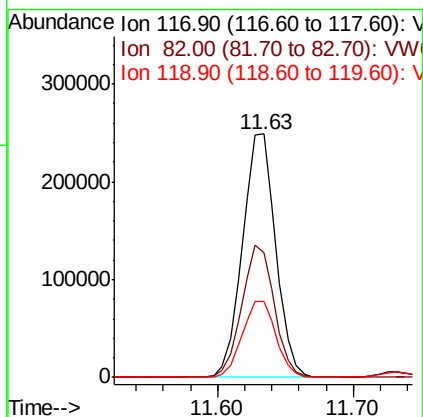
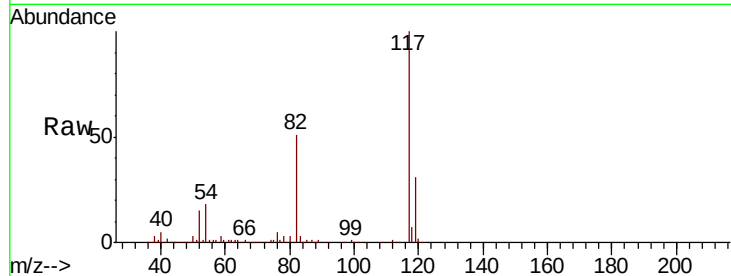




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

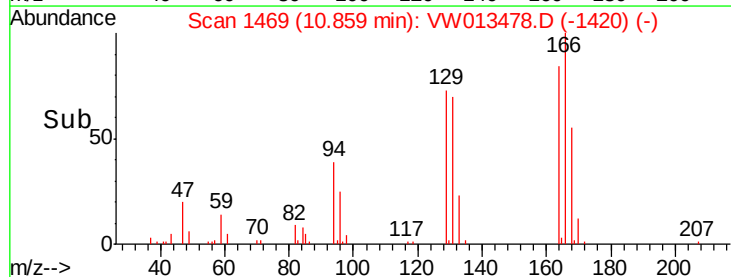
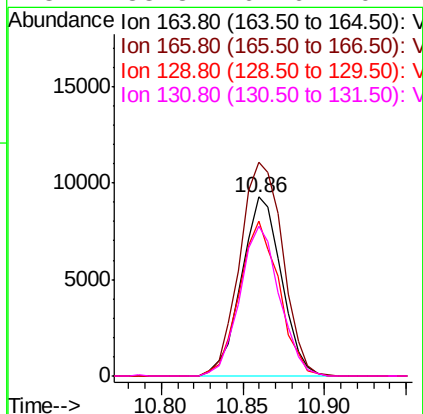
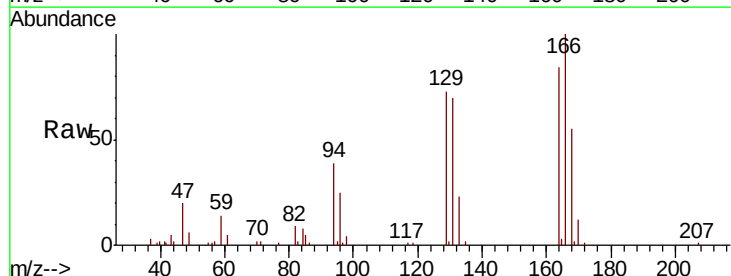
Instrument :
MSVOA_W
ClientSampleId :

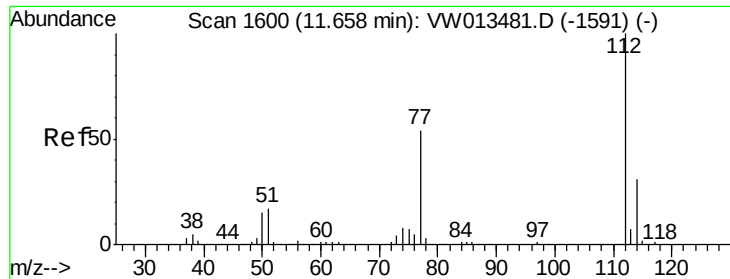
Tot Ion:117 Resp: 425341
Ion Ratio Lower Upper
117 100
82 51.3 41.4 62.2
119 31.3 25.1 37.7



#64
Tetrachloroethene
Concen: 5.075 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Tgt Ion:164 Resp: 15886
Ion Ratio Lower Upper
164 100
166 119.3 104.6 156.8
129 86.7 70.2 105.2
131 83.8 67.6 101.4

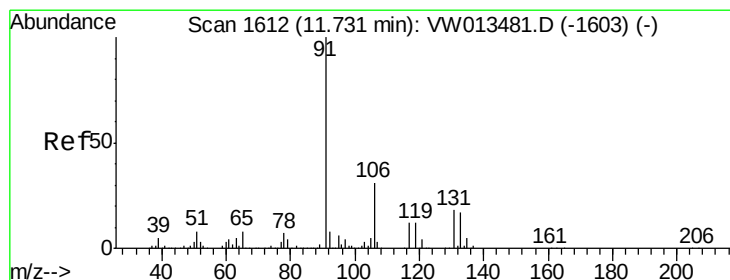
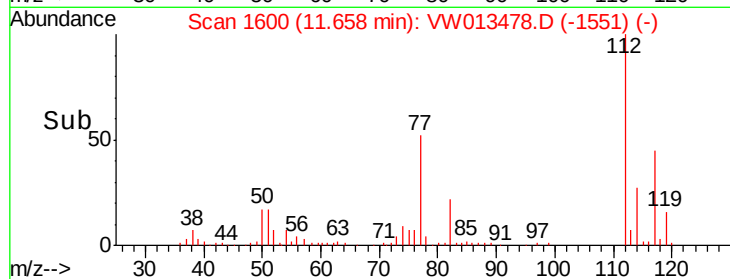
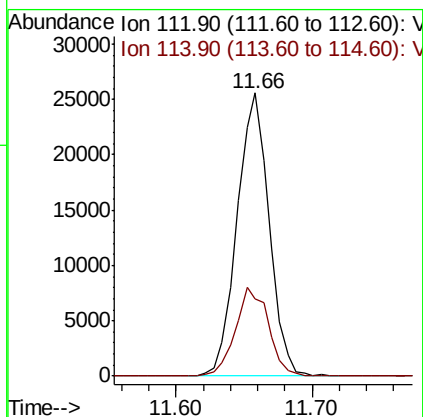
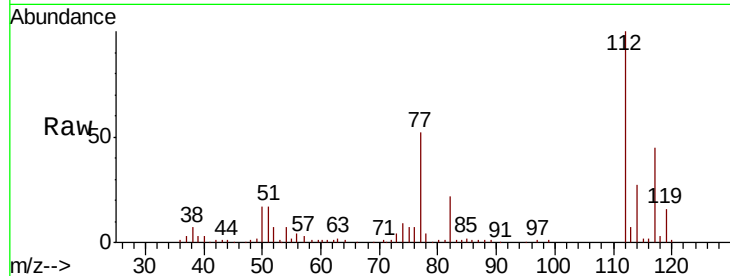




#65
Chlorobenzene
Concen: 4.965 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

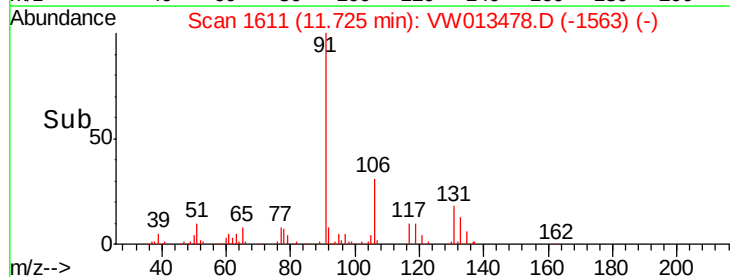
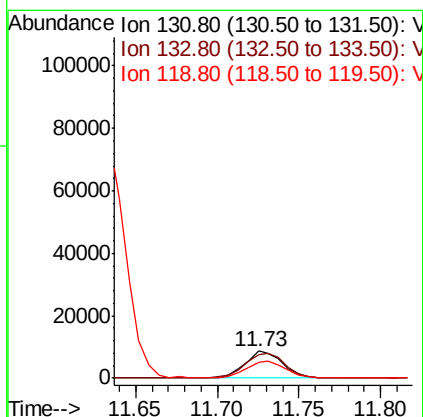
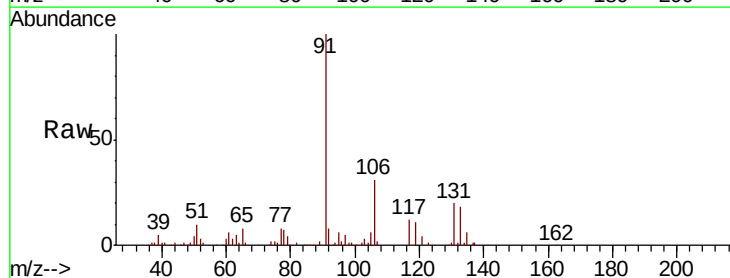
Instrument :
MSVOA_W
ClientSampled :

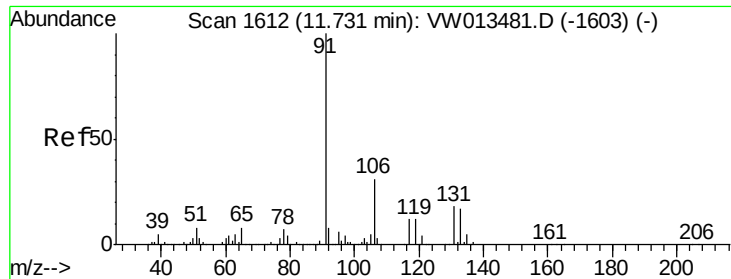
Tot Ion:112 Resp: 41966
Ion Ratio Lower Upper
112 100
114 27.1 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 4.737 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Tgt Ion:131 Resp: 13908
Ion Ratio Lower Upper
131 100
133 98.9 47.6 142.9
119 65.3 32.6 98.0

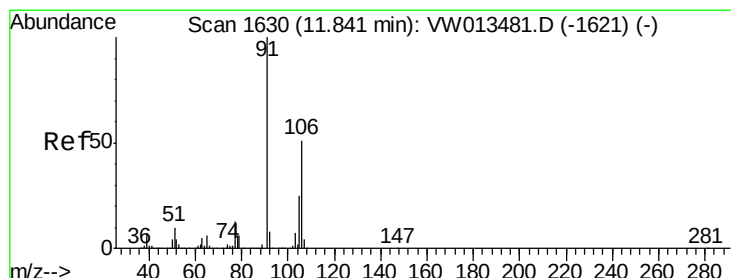
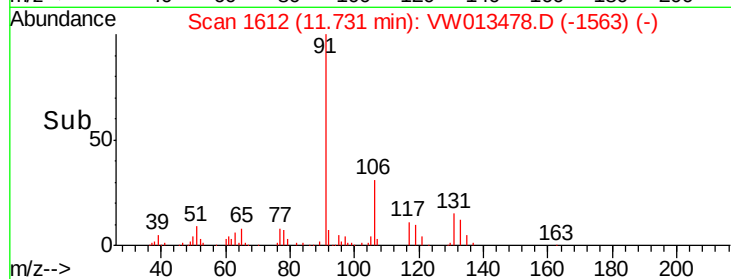
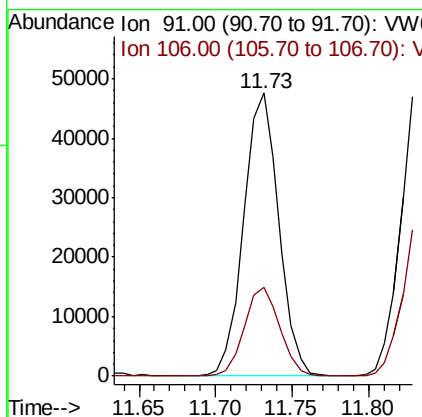
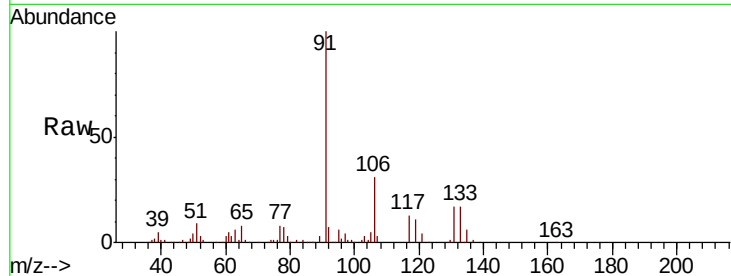




#67
Ethyl Benzene
Concen: 4.910 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

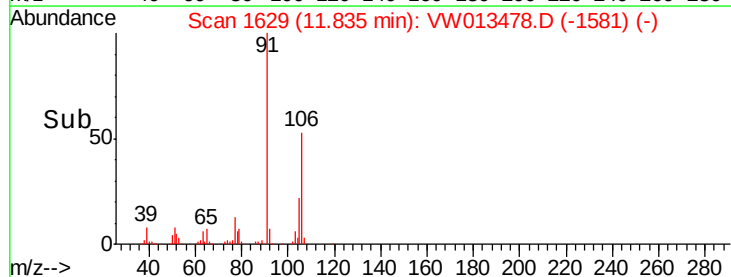
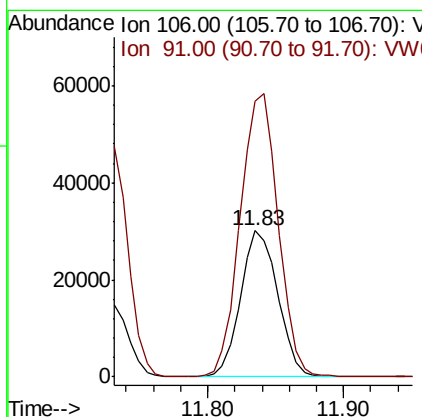
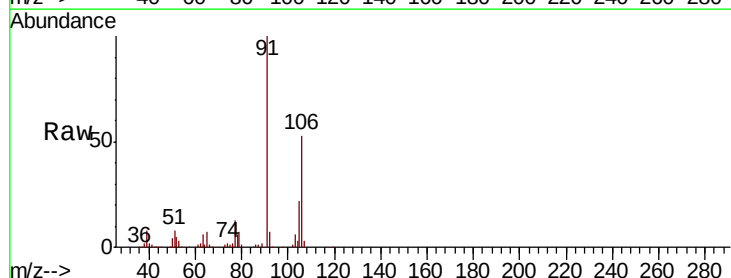
Instrument :
MSVOA_W
ClientSampleId :

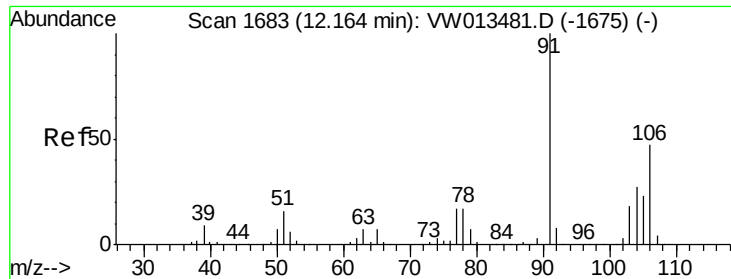
Tot Ion: 91 Resp: 75843
Ion Ratio Lower Upper
91 100
106 31.2 24.8 37.2



#68
m/p-Xylenes
Concen: 9.829 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Tgt Ion: 106 Resp: 57773
Ion Ratio Lower Upper
106 100
91 197.3 156.2 234.4

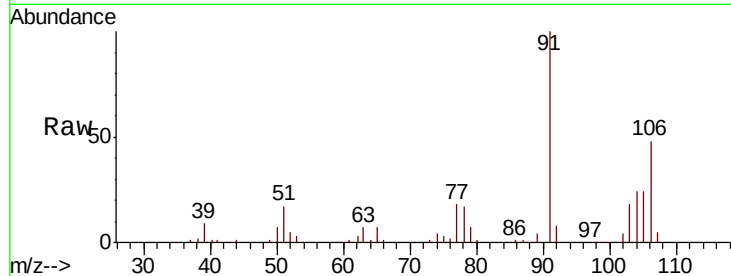




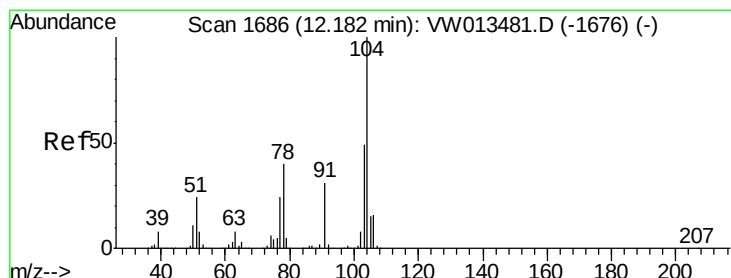
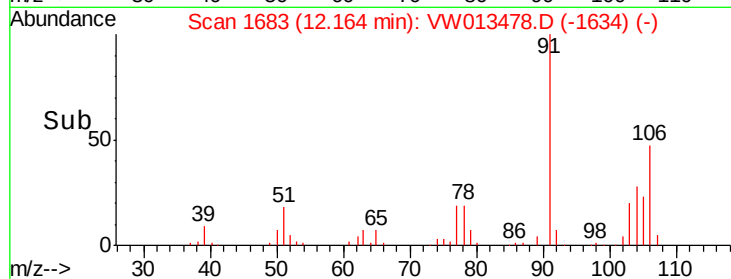
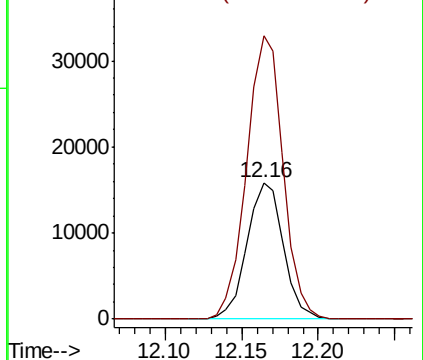
#69
o-Xylene
Concen: 4.808 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 26107
Ion Ratio Lower Upper
106 100
91 208.5 105.0 315.0

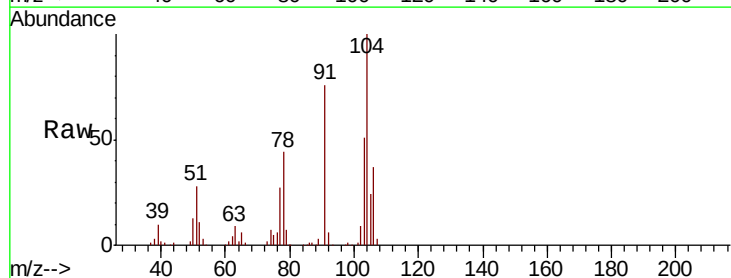


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

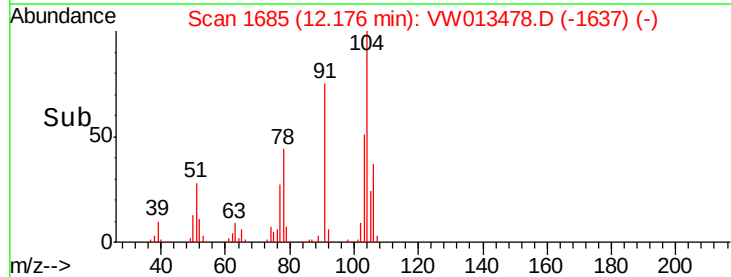
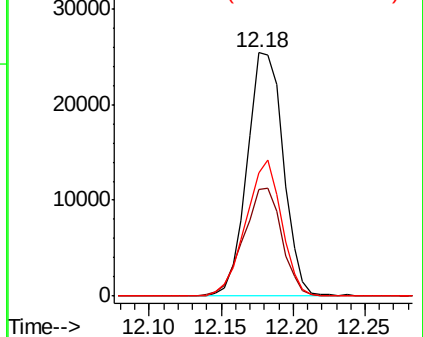


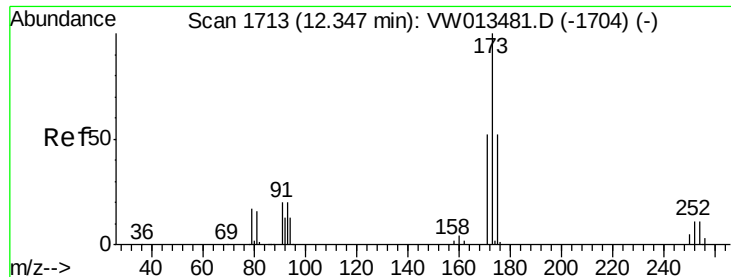
#70
Styrene
Concen: 4.734 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Tgt Ion:104 Resp: 44138
Ion Ratio Lower Upper
104 100
78 47.2 37.1 55.7
103 55.6 43.2 64.8



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





#71

Bromoform

Concen: 4.466 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Instrument :

MSVOA_W

ClientSampleId :

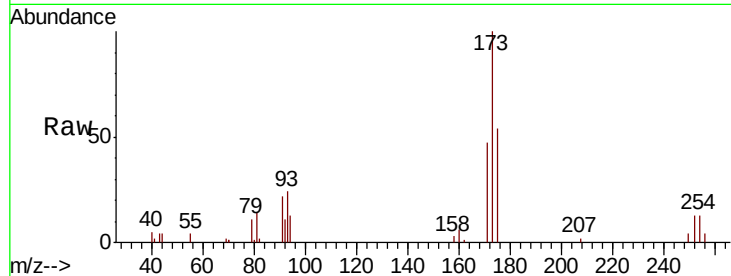
Tot Ion:173 Resp: 7194

Ion Ratio Lower Upper

173 100

175 56.1 24.4 73.4

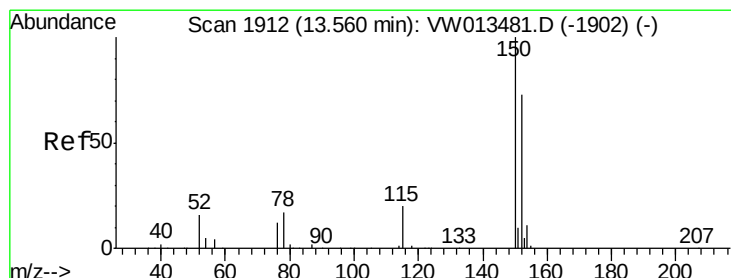
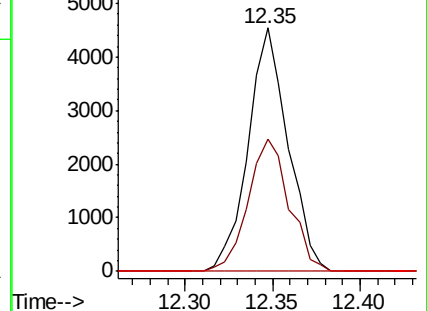
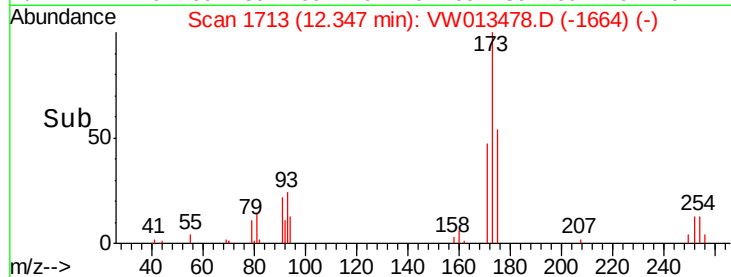
254 0.0 0.1 0.1#



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: VW013478.D

Acq: 08 Oct 2019 10:27

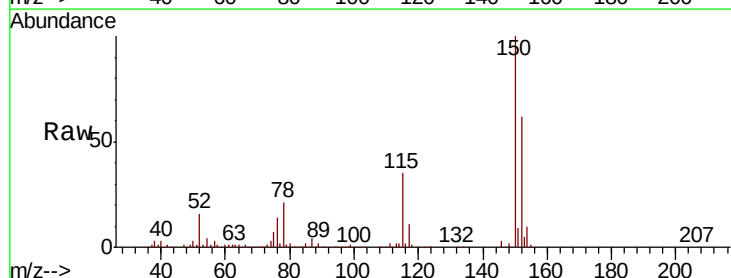
Tgt Ion:152 Resp: 206544

Ion Ratio Lower Upper

152 100

115 55.7 27.0 81.0

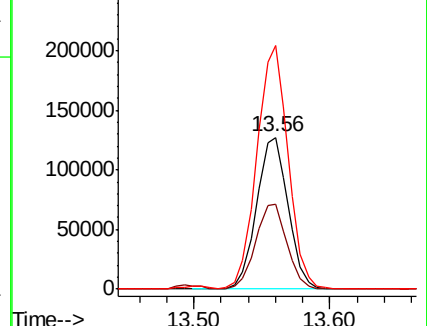
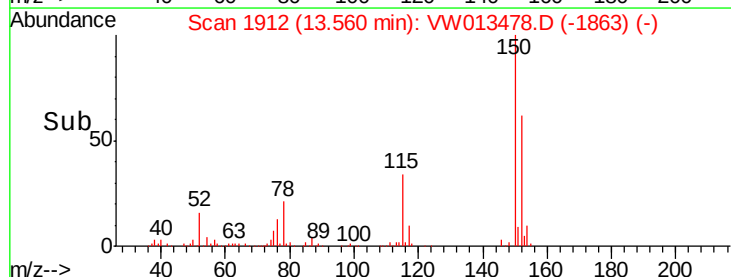
150 159.2 0.0 337.4

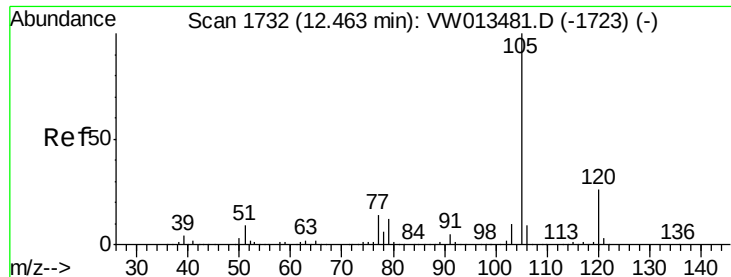


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.818 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Instrument :

MSVOA_W

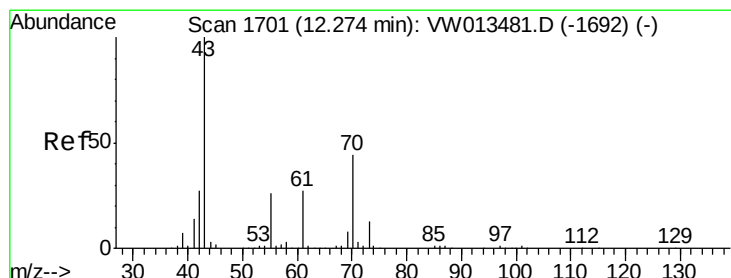
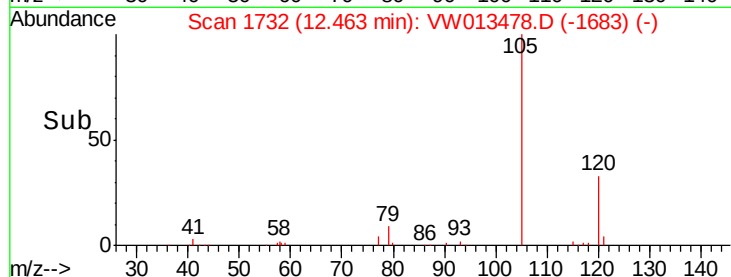
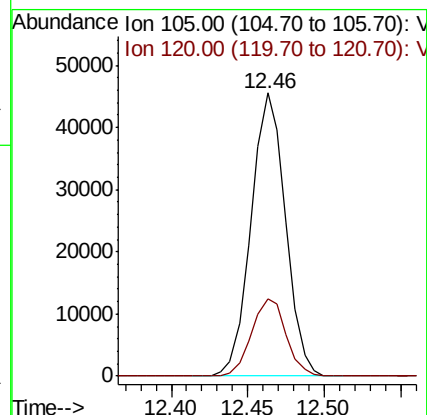
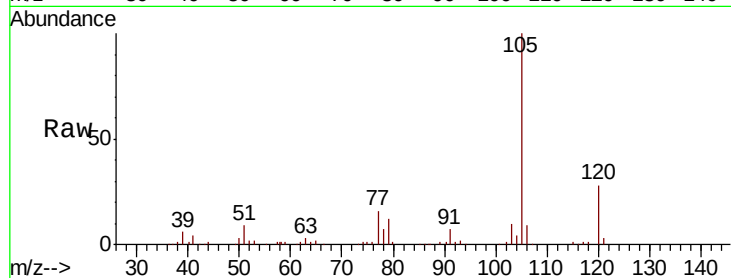
ClientSampled :

Tot Ion:105 Resp: 71278

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.5



#74

N-ethyl acetate

Concen: 4.715 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Tgt Ion: 43 Resp: 15255

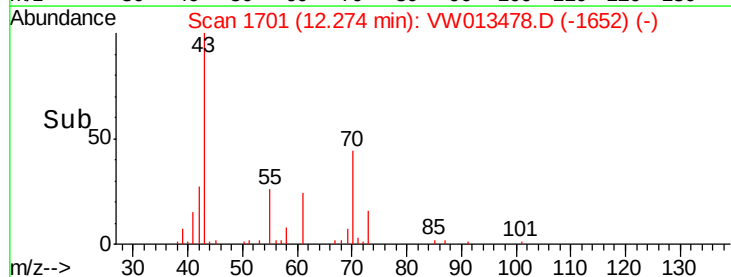
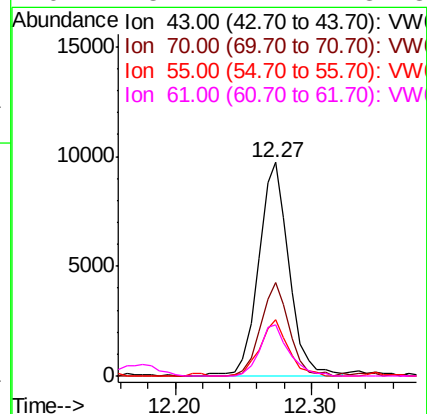
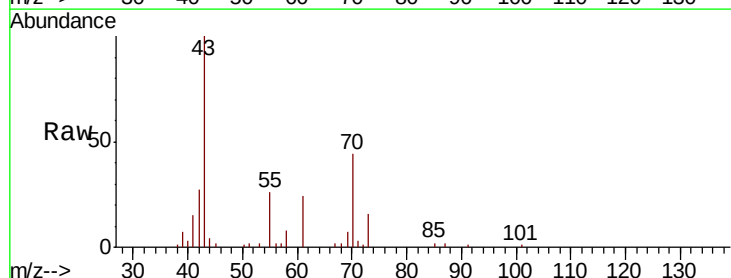
Ion Ratio Lower Upper

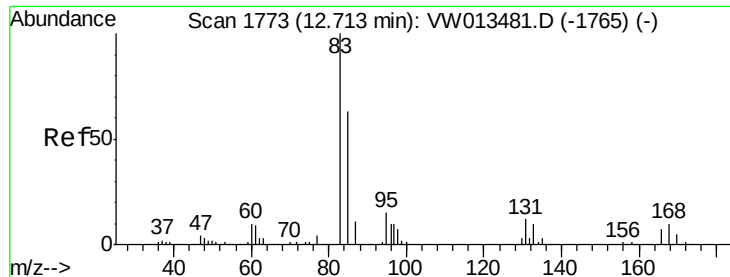
43 100

70 40.8 35.3 52.9

55 24.4 20.0 30.0

61 23.2 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 5.073 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Instrument :

MSVOA_W

ClientSampleId :

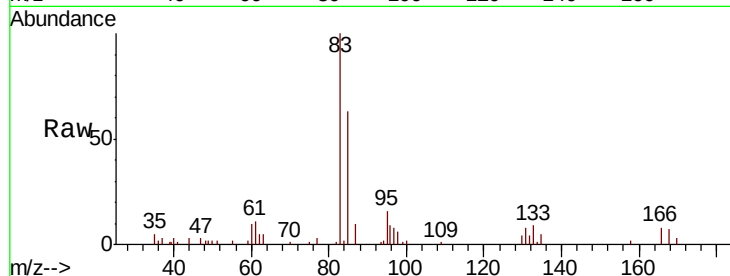
Tot Ion: 83 Resp: 12793

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.7

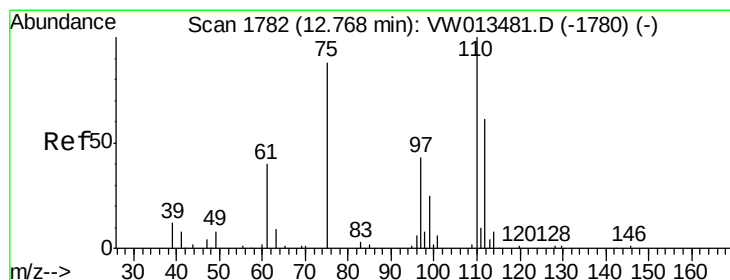
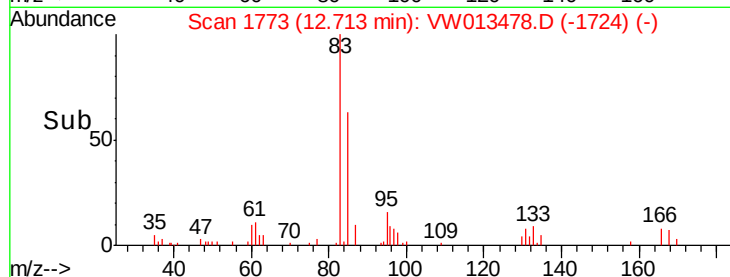
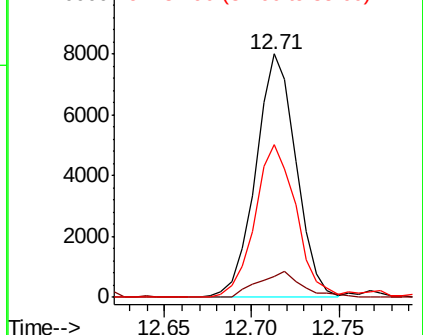
85 65.0 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 9.490 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW013478.D

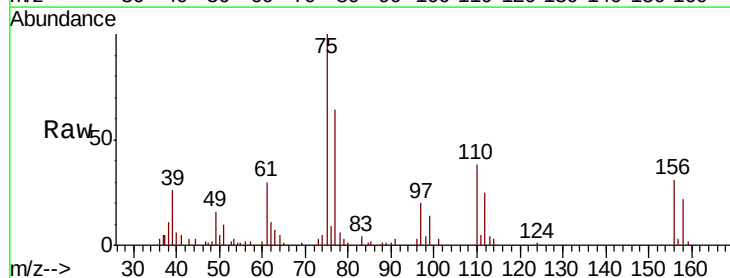
Acq: 08 Oct 2019 10:27

Tgt Ion: 75 Resp: 15743

Ion Ratio Lower Upper

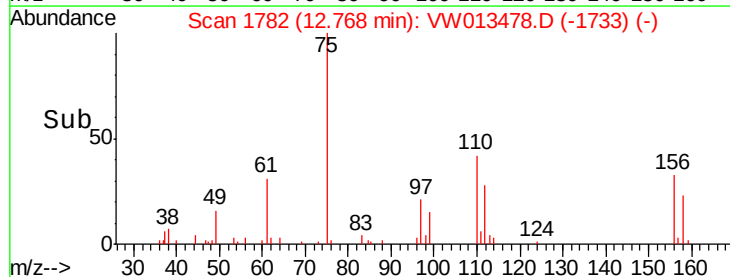
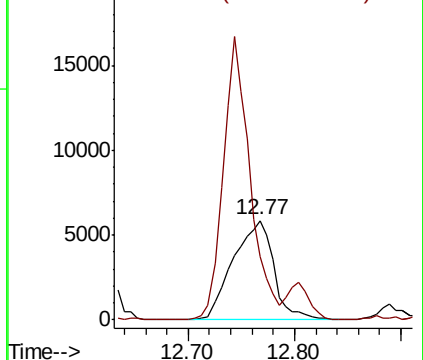
75 100

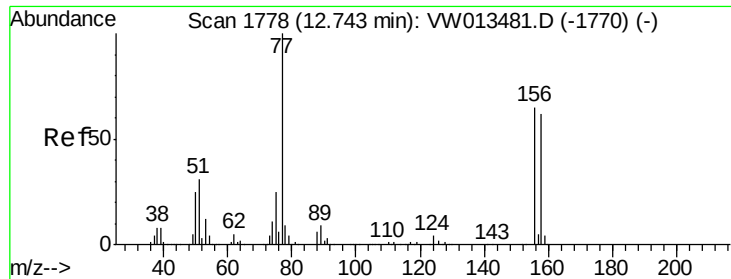
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 5.041 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Instrument :

MSVOA_W

ClientSampleId :

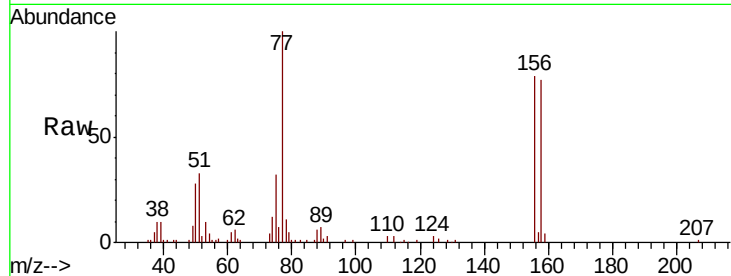
Tot Ion:156 Resp: 17678

Ion Ratio Lower Upper

156 100

77 165.9 83.7 251.0

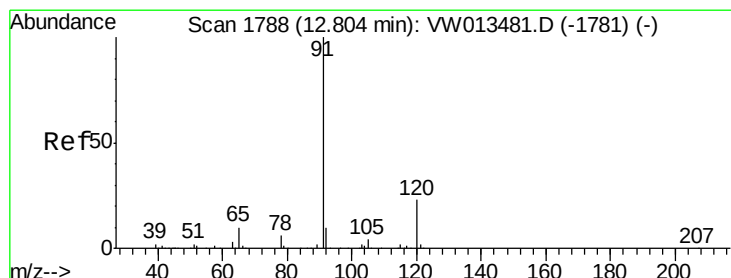
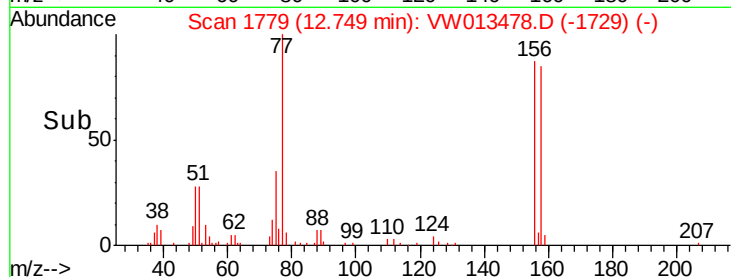
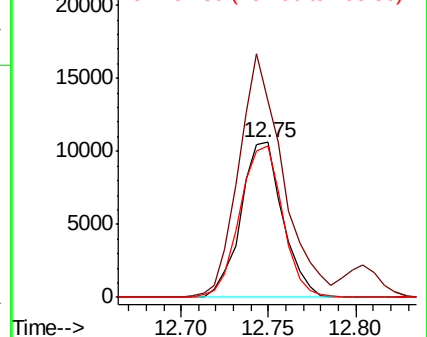
158 99.7 49.0 147.0



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: 4.957 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013478.D

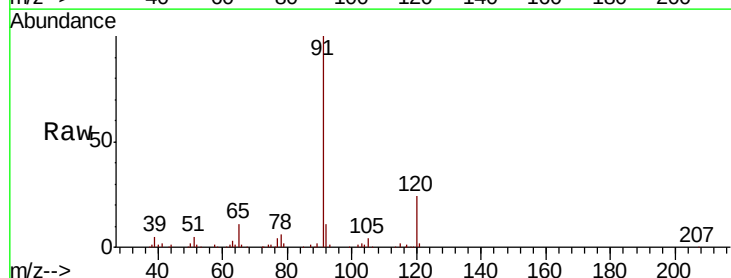
Acq: 08 Oct 2019 10:27

Tgt Ion: 91 Resp: 84801

Ion Ratio Lower Upper

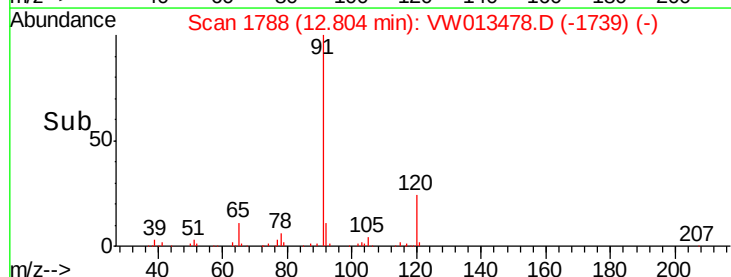
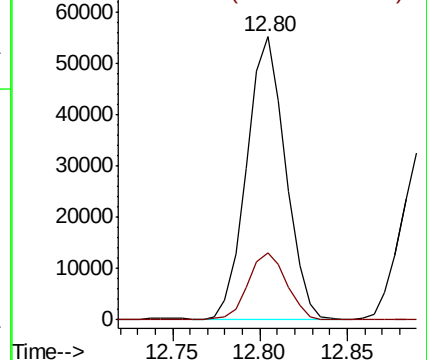
91 100

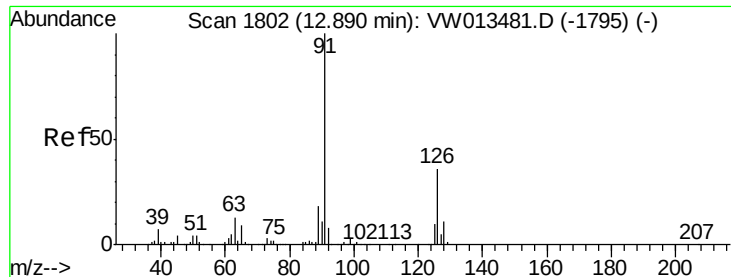
120 23.5 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.980 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Instrument :

MSVOA_W

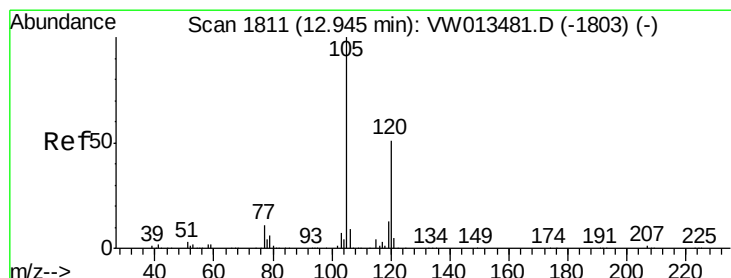
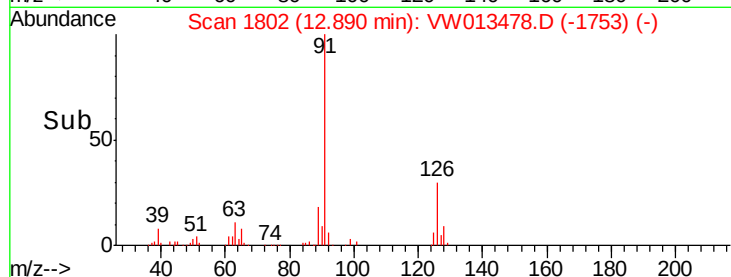
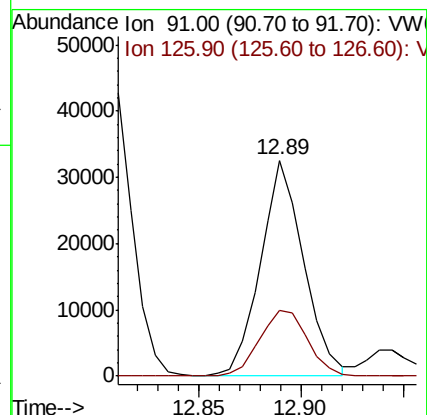
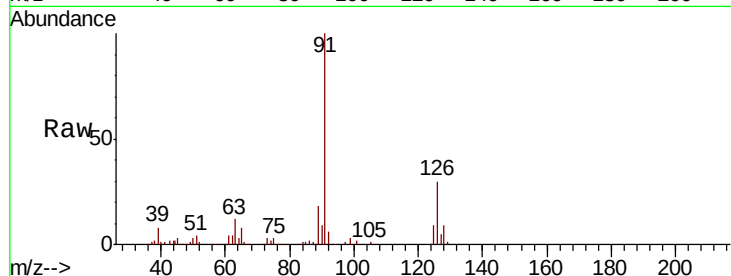
ClientSampled :

Tot Ion: 91 Resp: 47730

Ion Ratio Lower Upper

91 100

126 34.0 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 4.915 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013478.D

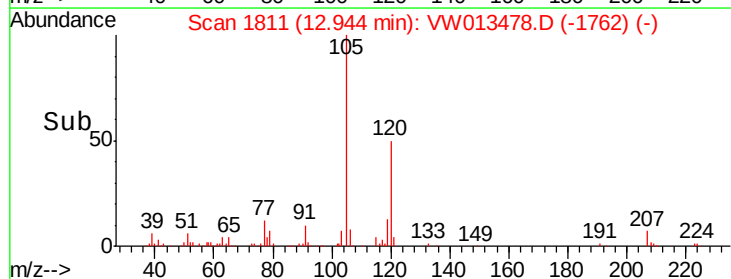
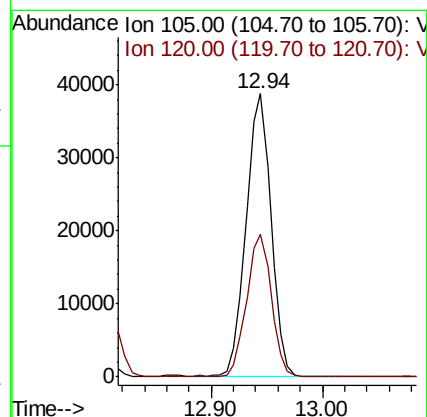
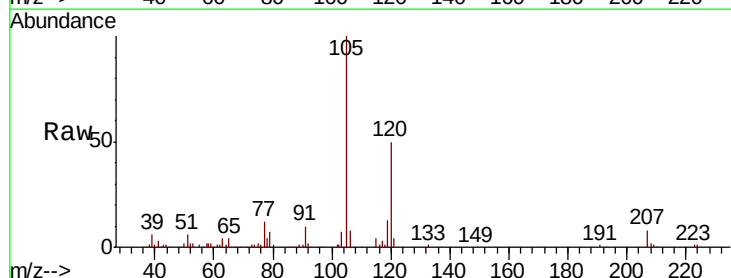
Acq: 08 Oct 2019 10:27

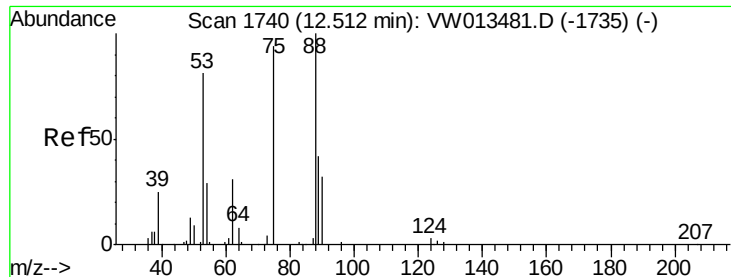
Tgt Ion:105 Resp: 60417

Ion Ratio Lower Upper

105 100

120 49.9 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 4.437 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

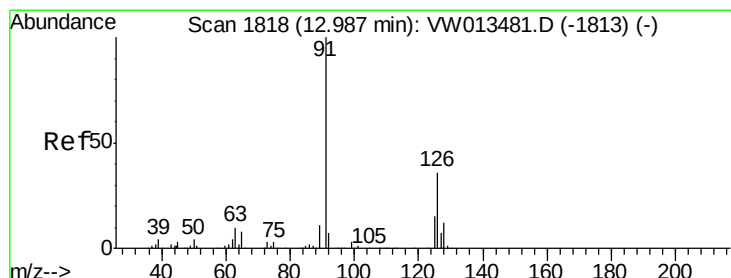
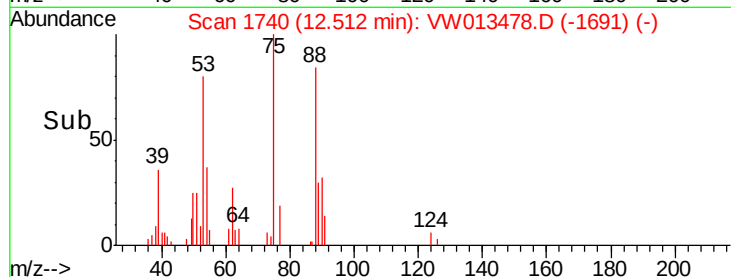
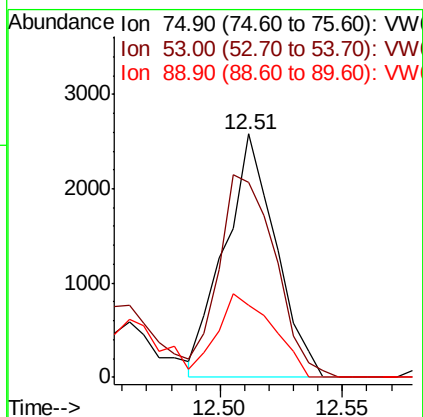
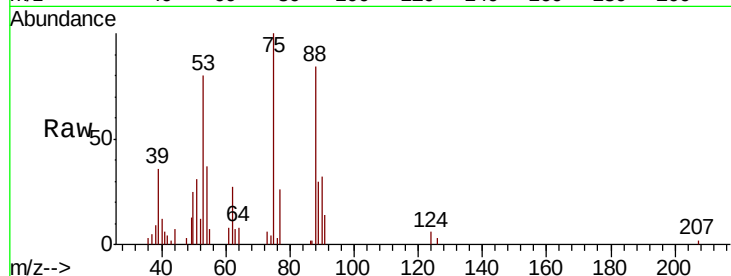
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 3734

Ion	Ratio	Lower	Upper
75	100		
53	92.2	71.0	106.6
89	37.3	36.1	54.1



#82

4-Chlorotoluene

Concen: 4.966 ug/l

RT: 12.99 min Scan# 1818

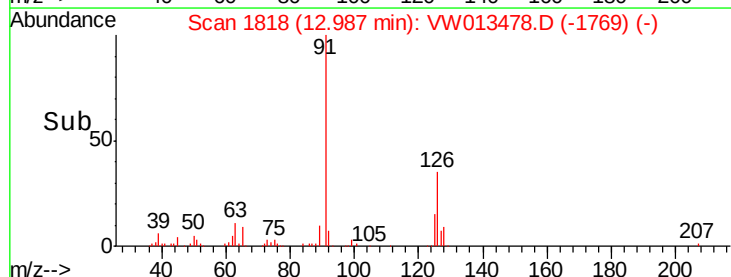
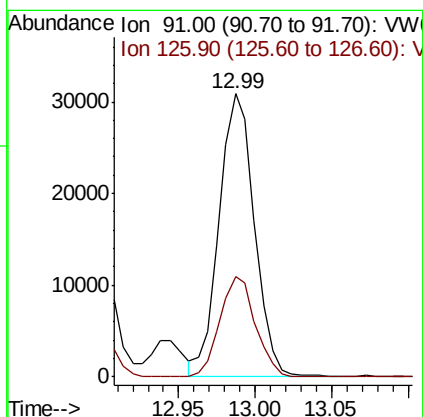
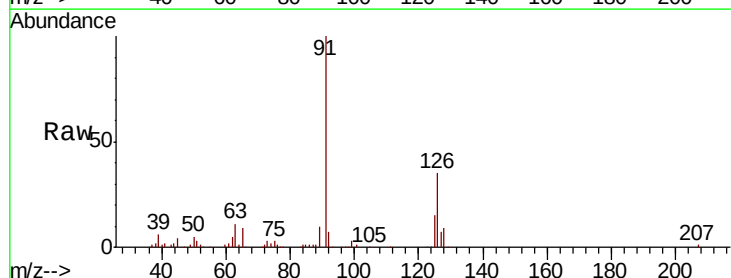
Delta R.T. -0.00 min

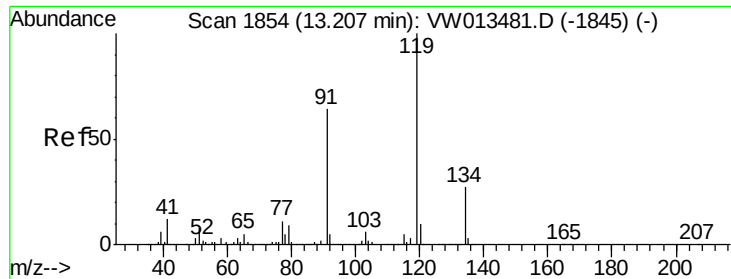
Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Tgt Ion: 91 Resp: 49407

Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.5	52.6

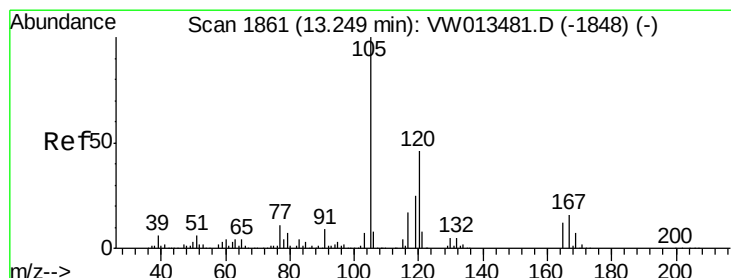
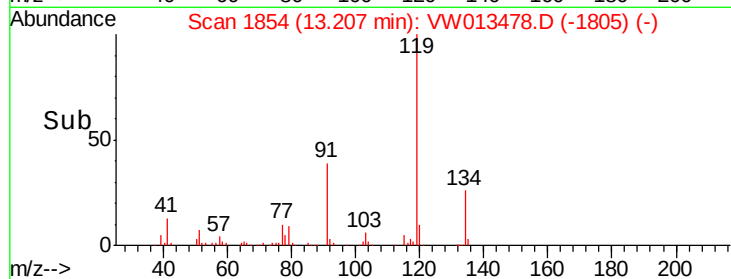
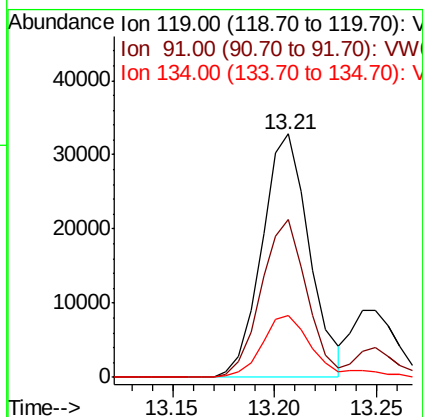
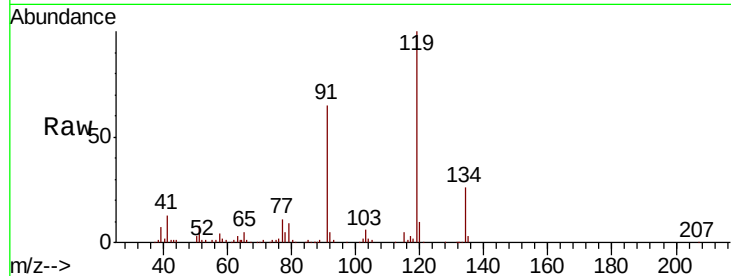




#83
tert-Butylbenzene
Concen: 4.869 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

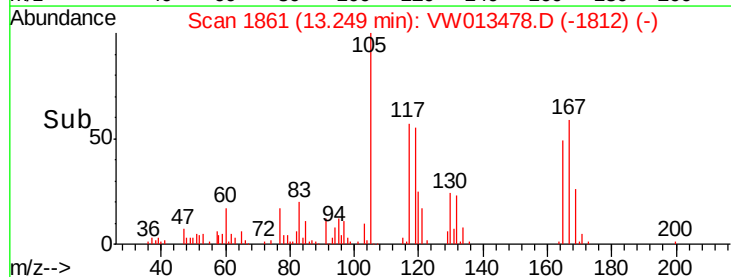
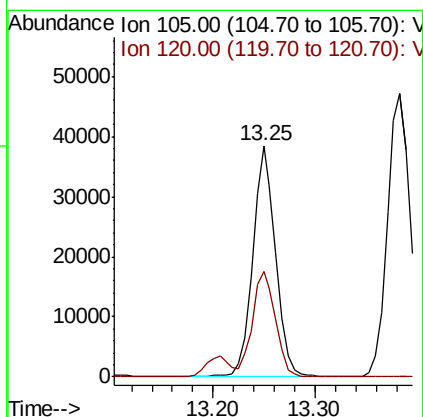
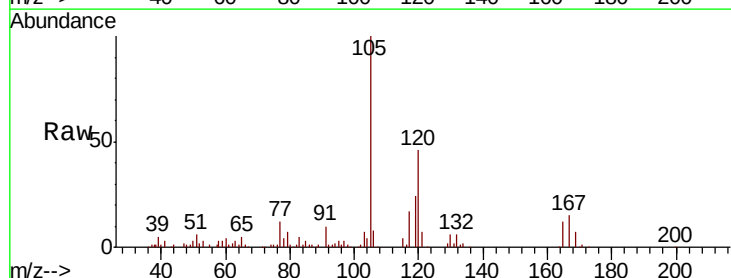
Instrument :
MSVOA_W
ClientSampleId :

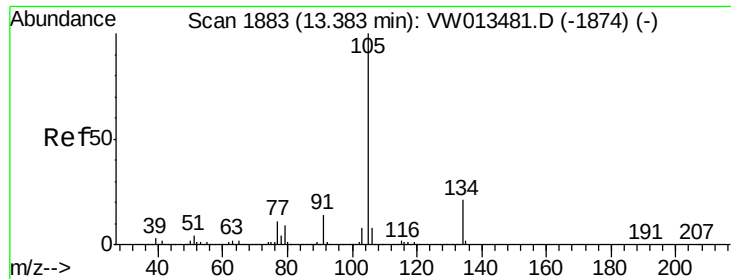
Tot Ion:119 Resp: 53155
Ion Ratio Lower Upper
119 100
91 62.2 30.6 91.6
134 27.9 13.8 41.3



#84
1,2,4-Trimethylbenzene
Concen: 4.933 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Tgt Ion:105 Resp: 59979
Ion Ratio Lower Upper
105 100
120 46.0 23.2 69.5

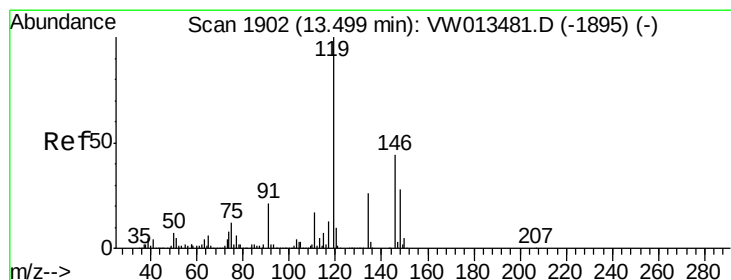
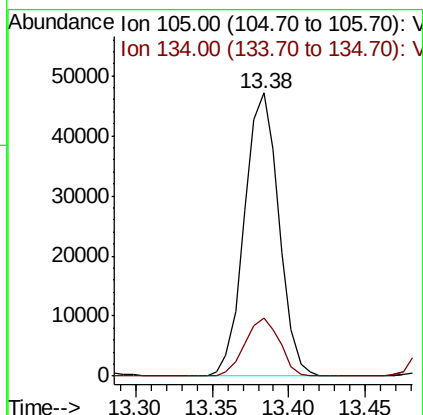
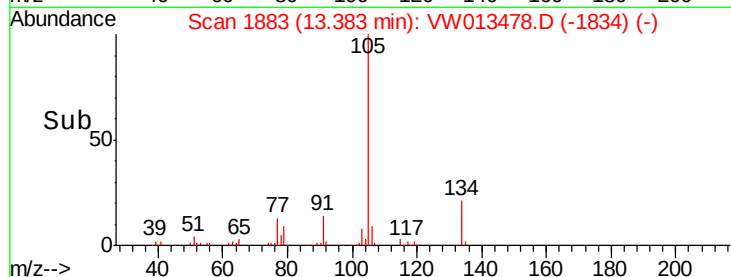
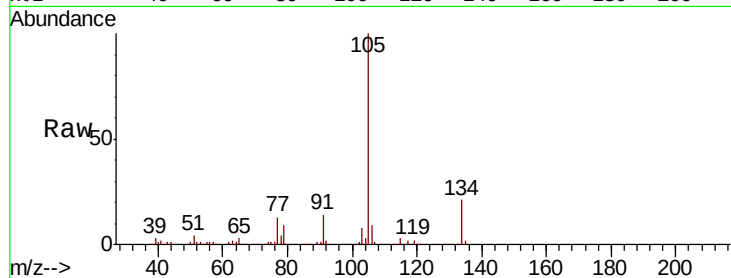




#85
 sec-Butylbenzene
 Concen: 4.884 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013478.D
 Acq: 08 Oct 2019 10:27

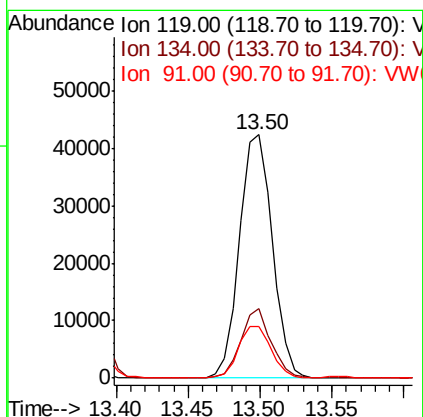
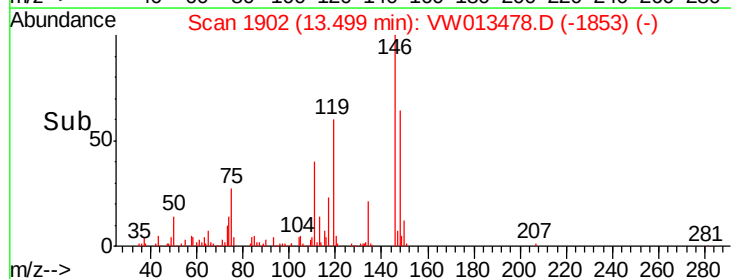
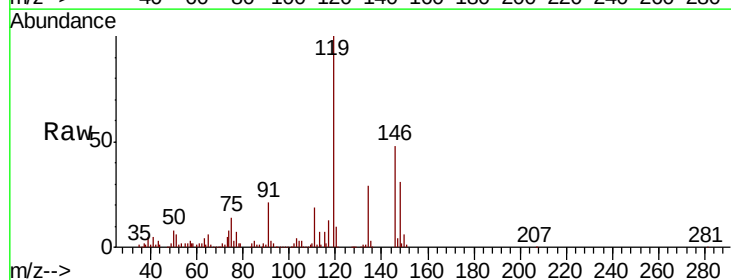
Instrument :
 MSVOA_W
 ClientSampleId :

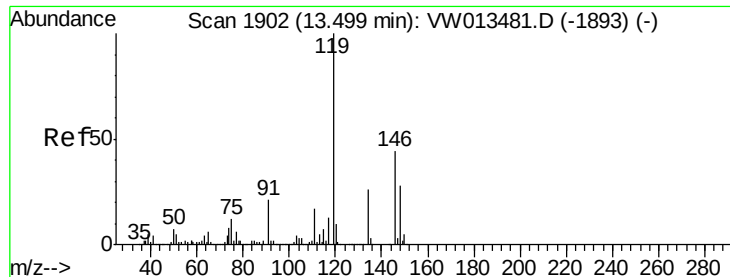
Tot Ion:105 Resp: 73674
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 4.860 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013478.D
 Acq: 08 Oct 2019 10:27

Tgt Ion:119 Resp: 67351
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 21.4 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 5.002 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Instrument :

MSVOA_W

ClientSampleId :

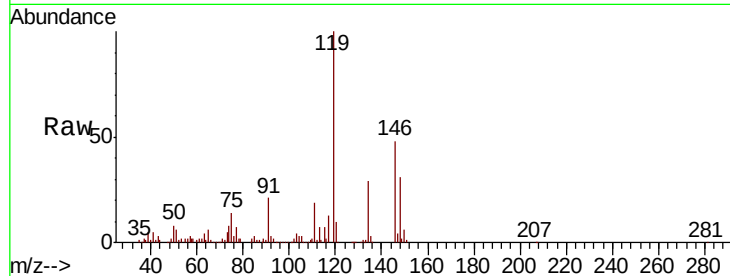
Tot Ion:146 Resp: 33262

Ion Ratio Lower Upper

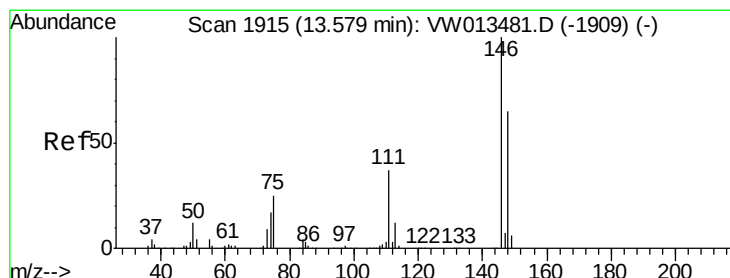
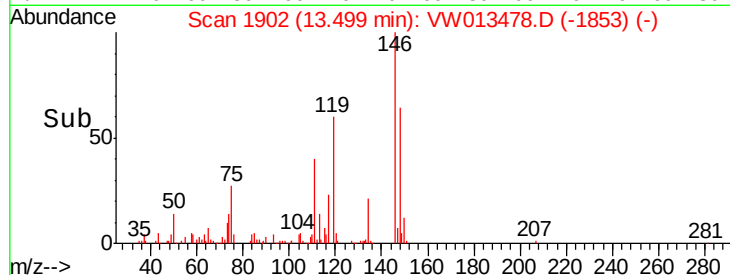
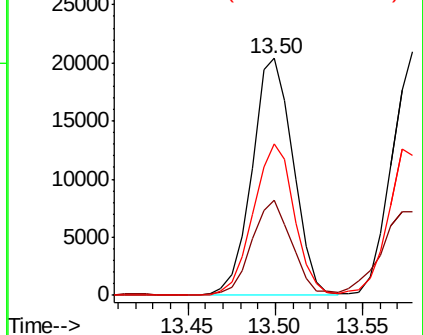
146 100

111 39.3 18.7 56.1

148 63.5 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 4.931 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

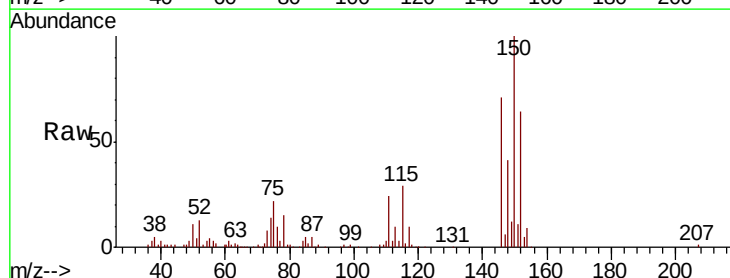
Tgt Ion:146 Resp: 32121

Ion Ratio Lower Upper

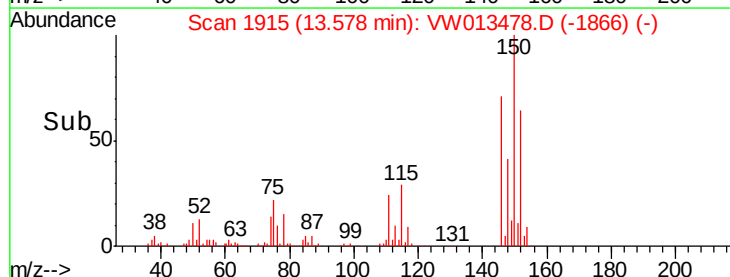
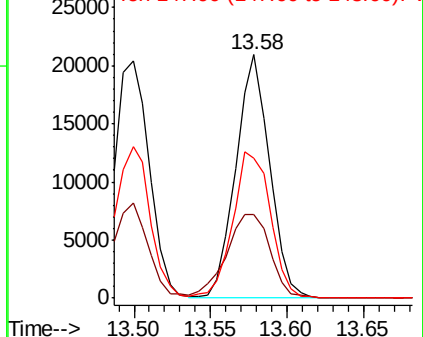
146 100

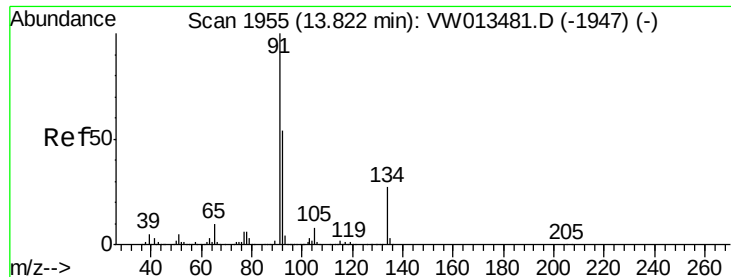
111 44.6 18.4 55.4

148 67.1 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 4.761 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013478.D

Acq: 08 Oct 2019 10:27

Instrument :

MSVOA_W

ClientSampled :

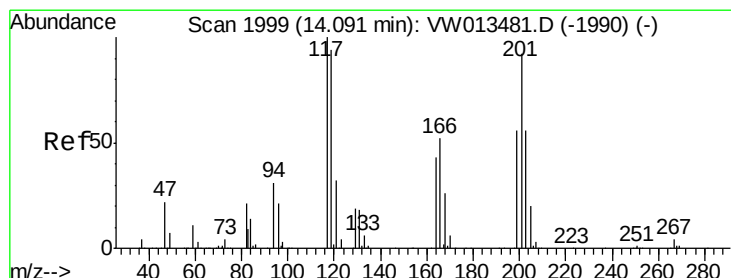
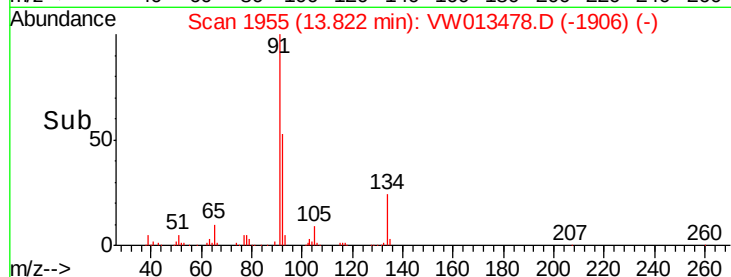
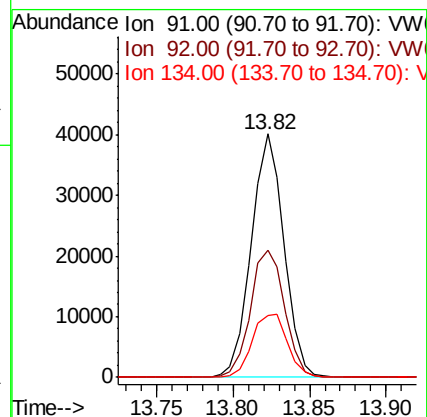
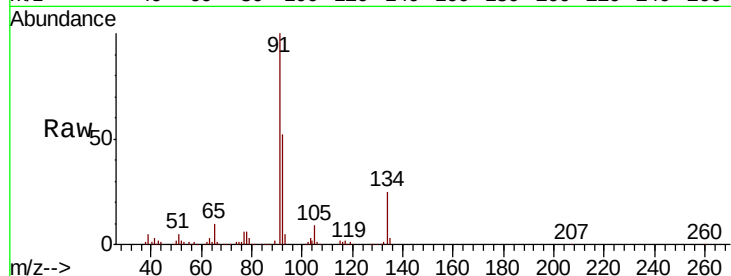
Tot Ion: 91 Resp: 59607

Ion Ratio Lower Upper

91 100

92 54.4 27.5 82.4

134 28.0 13.8 41.3



#90

Hexachloroethane

Concen: 4.950 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW013478.D

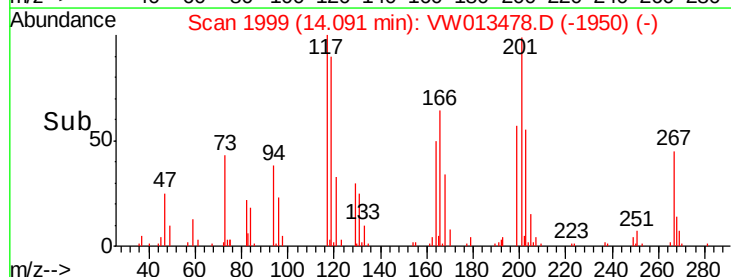
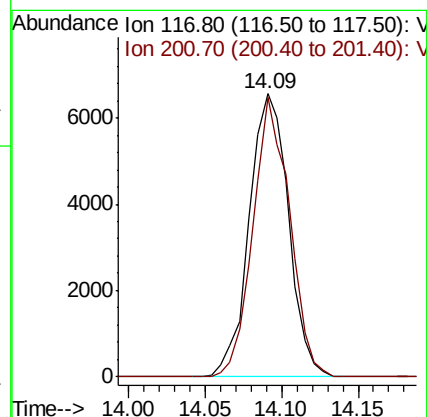
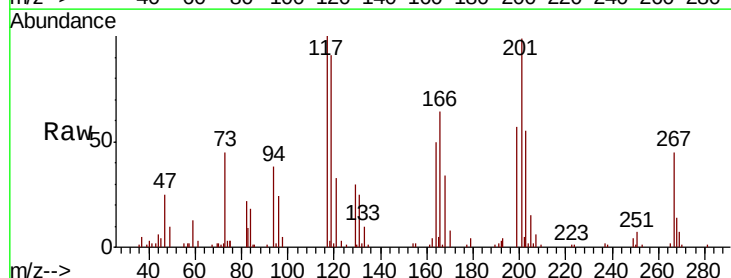
Acq: 08 Oct 2019 10:27

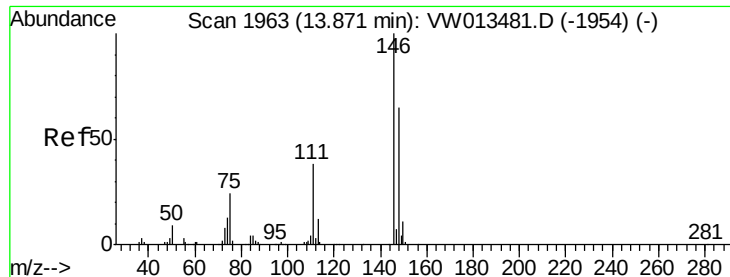
Tgt Ion: 117 Resp: 11739

Ion Ratio Lower Upper

117 100

201 91.9 46.9 140.7

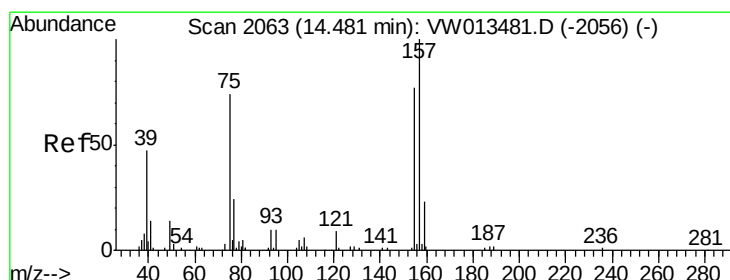
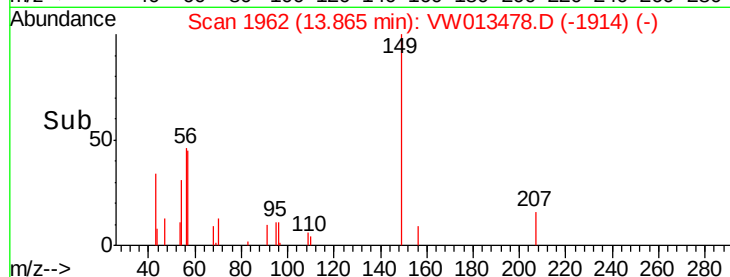
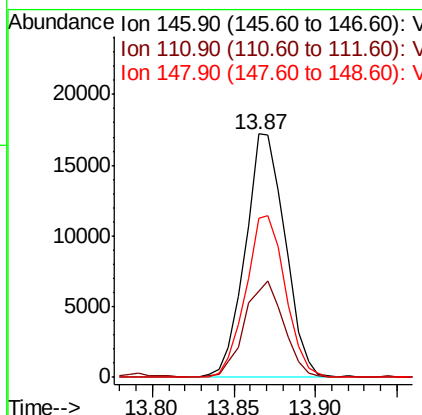
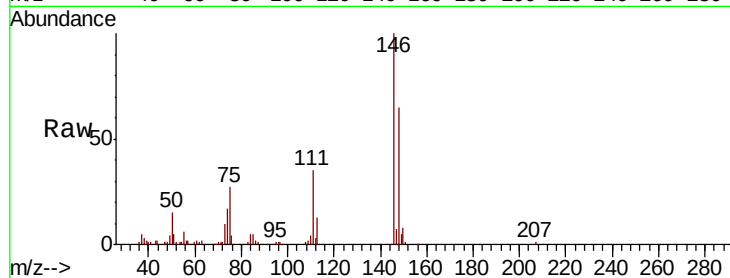




#91
 1,2-Dichlorobenzene
 Concen: 4.981 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW013478.D
 Acq: 08 Oct 2019 10:27

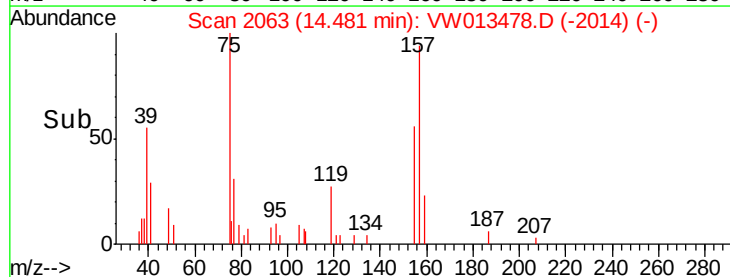
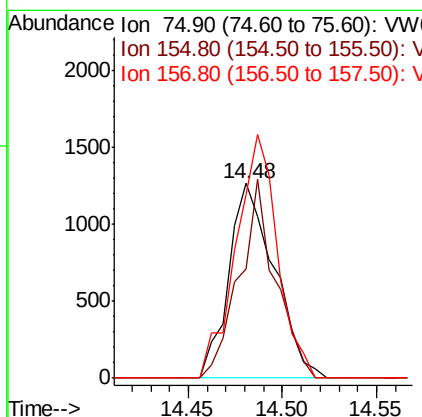
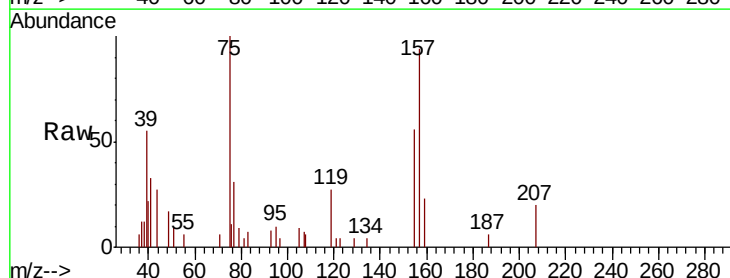
Instrument :
 MSVOA_W
 ClientSampleId :

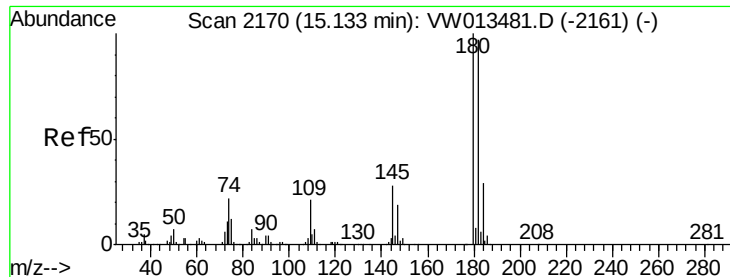
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.2
148	65.9	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.268 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW013478.D
 Acq: 08 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.7	51.0	153.1
157	114.2	65.9	197.7

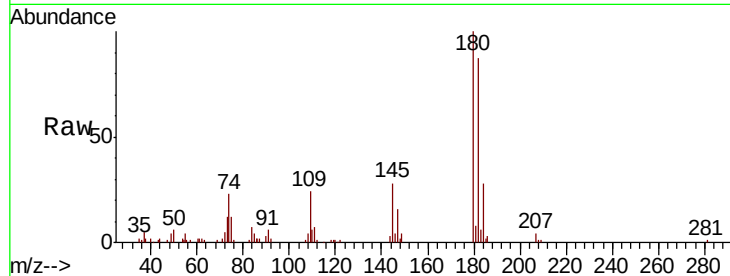




#93
 1,2,4-Trichlorobenzene
 Concen: 4.589 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013478.D
 Acq: 08 Oct 2019 10:27

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.7	143.1
145	28.6	14.0	41.9

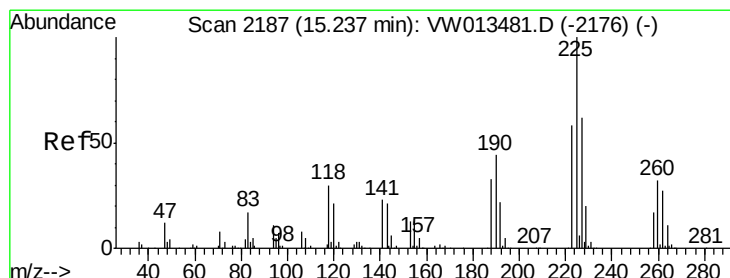
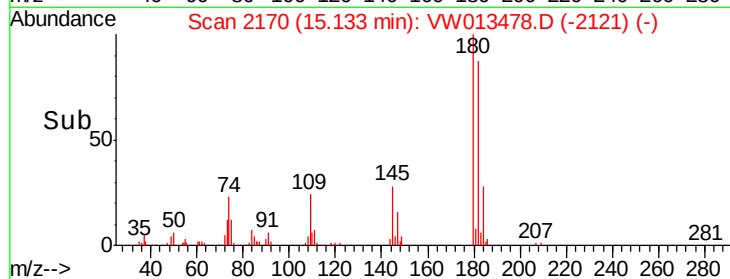
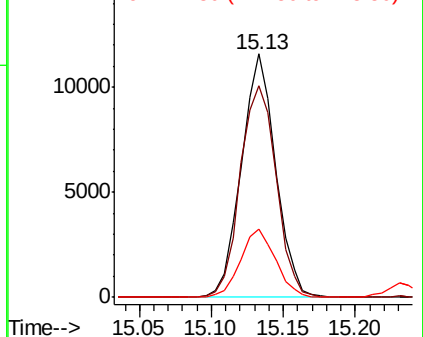


Abundance

Ion 179.80 (179.50 to 180.50): V

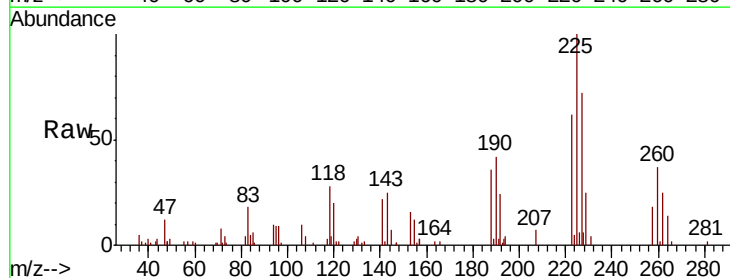
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 5.058 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW013478.D
 Acq: 08 Oct 2019 10:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	30.3	90.9
227	68.4	32.0	96.0

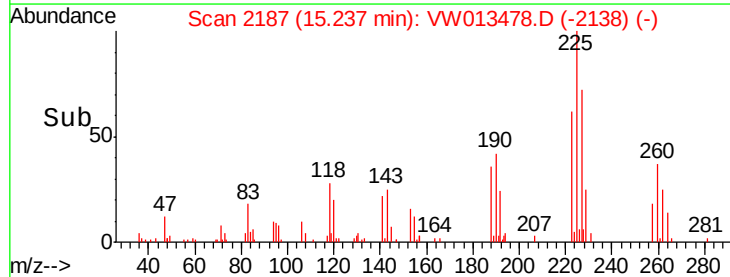
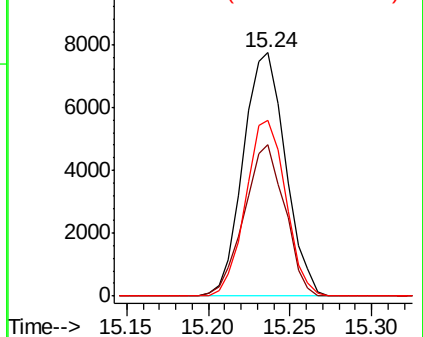


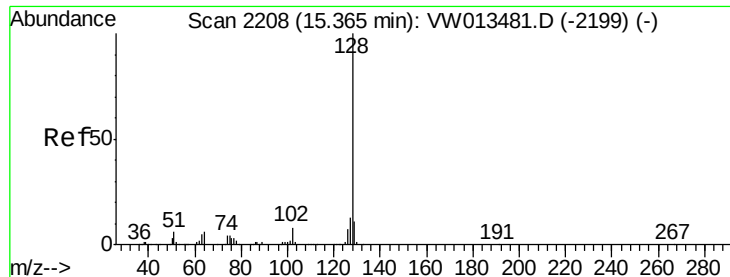
Abundance

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

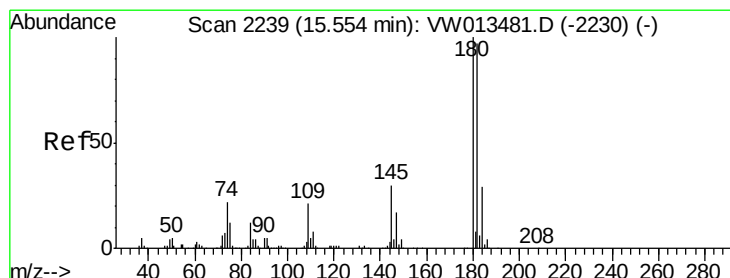
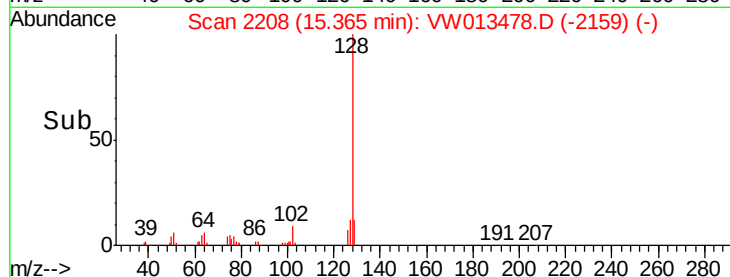
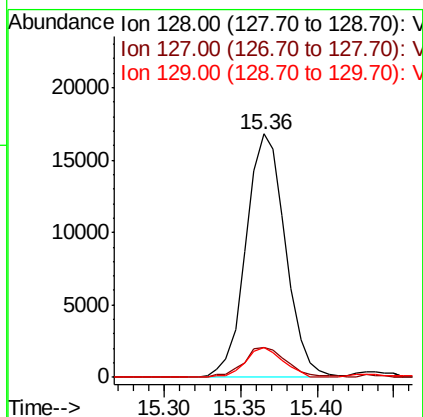
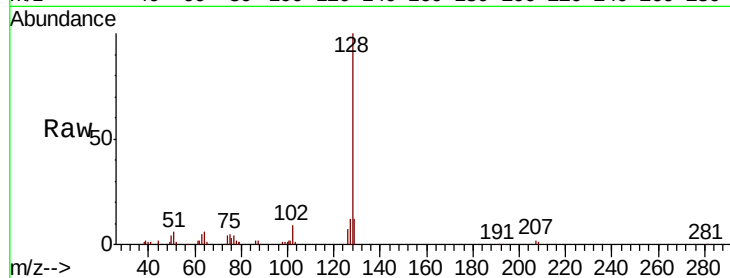




#95
Naphthalene
Concen: 4.197 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 30126
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 11.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.571 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VW013478.D
Acq: 08 Oct 2019 10:27

Tgt Ion:180 Resp: 16585
Ion Ratio Lower Upper
180 100
182 94.7 47.7 143.1
145 31.6 14.9 44.9

