

Data File : VW009013.D
Acq On : 06 Mar 2019 11:17
Operator : SY/VA
Sample : VSTDIC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Quant Time: Mar 07 06:59:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:55:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	301369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	427465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	418355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	228919	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	27345	9.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.08%	
35) Dibromofluoromethane	7.88	113	23220	9.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.04%	
50) Toluene-d8	10.32	98	101379	9.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.18%	
62) 4-Bromofluorobenzene	12.62	95	37711	9.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	33625	11.232	ug/l	95
3) Chloromethane	2.21	50	38301	10.157	ug/l	99
4) Vinyl Chloride	2.35	62	37365	9.888	ug/l	98
5) Bromomethane	2.76	94	35671	10.750	ug/l	98
6) Chloroethane	2.92	64	25529	9.528	ug/l	98
7) Trichlorofluoromethane	3.26	101	47780	9.816	ug/l	96
8) Diethyl Ether	3.69	74	15010	9.878	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.06	101	29296	9.699	ug/l	97
10) Methyl Iodide	4.26	142	21395	7.504	ug/l #	43
11) Tert butyl alcohol	5.19	59	10957	49.544	ug/l	96
12) 1,1-Dichloroethene	4.04	96	24578	9.338	ug/l	93
13) Acrolein	3.90	56	12288	49.564	ug/l	99
14) Allyl chloride	4.67	41	41101	9.032	ug/l	99
15) Acrylonitrile	5.38	53	30775	47.309	ug/l	95
16) Acetone	4.14	43	30643	49.371	ug/l	94
17) Carbon Disulfide	4.38	76	82244	9.324	ug/l	99
18) Methyl Acetate	4.68	43	12600	8.900	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	61040	8.959	ug/l	95
20) Methylene Chloride	4.92	84	43784	12.049	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	27213	9.039	ug/l	90
22) Diisopropyl ether	6.31	45	81277	8.945	ug/l	95
23) Vinyl Acetate	6.26	43	245688	43.413	ug/l	100
24) 1,1-Dichloroethane	6.21	63	48655	9.209	ug/l	97
25) 2-Butanone	7.18	43	39596	44.822	ug/l	99
26) 2,2-Dichloropropane	7.17	77	46292	9.578	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	29387	9.272	ug/l	97
28) Bromochloromethane	7.51	49	22676	9.887	ug/l	98
29) Tetrahydrofuran	7.53	42	25232	45.464	ug/l	96
30) Chloroform	7.68	83	50254	9.290	ug/l	98
31) Cyclohexane	7.96	56	54072	9.952	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	47264	9.513	ug/l	98
36) 1,1-Dichloropropene	8.08	75	41364	9.732	ug/l	100
37) Ethyl Acetate	7.26	43	17713	9.422	ug/l	99
38) Carbon Tetrachloride	8.07	117	41704	9.481	ug/l	95

Data File : VW009013.D
Acq On : 06 Mar 2019 11:17
Operator : SY/VA
Sample : VSTDIC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Quant Time: Mar 07 06:59:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:55:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	48474	9.441	ug/l	96
40) Benzene	8.32	78	110589	9.646	ug/l	98
41) Methacrylonitrile	7.49	41	11285	10.120	ug/l	91
42) 1,2-Dichloroethane	8.40	62	34940	9.496	ug/l	98
43) Isopropyl Acetate	8.43	43	33673	9.111	ug/l	98
44) Trichloroethene	9.09	130	31084	9.724	ug/l	90
45) 1,2-Dichloropropane	9.37	63	27376	9.632	ug/l	95
46) Dibromomethane	9.46	93	14494	9.244	ug/l	95
47) Bromodichloromethane	9.65	83	37223	9.470	ug/l	98
48) Methyl methacrylate	9.44	41	16113	9.227	ug/l	92
49) 1,4-Dioxane	9.46	88	4336	202.291	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	84634	45.286	ug/l	98
52) Toluene	10.39	92	72810	9.408	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	34593	8.872	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	41790	9.388	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	20415	9.586	ug/l	96
56) Ethyl methacrylate	10.65	69	22914	8.698	ug/l	98
57) 1,3-Dichloropropane	10.93	76	36186	9.663	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	62889	44.991	ug/l	97
59) 2-Hexanone	10.97	43	59211	45.067	ug/l	96
60) Dibromochloromethane	11.13	129	23997	9.277	ug/l	96
61) 1,2-Dibromoethane	11.24	107	18958	9.392	ug/l	97
64) Tetrachloroethene	10.87	164	29202	10.109	ug/l	88
65) Chlorobenzene	11.66	112	85027	9.792	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	27450	9.413	ug/l	97
67) Ethyl Benzene	11.73	91	148143	9.409	ug/l	94
68) m/p-Xylenes	11.84	106	116236	18.710	ug/l	99
69) o-Xylene	12.16	106	52591	9.068	ug/l	97
70) Styrene	12.18	104	86653	9.223	ug/l	99
71) Bromoform	12.35	173	14025	9.026	ug/l #	98
73) Isopropylbenzene	12.46	105	145646	9.295	ug/l	98
74) N-amyl acetate	12.27	43	33030	8.854	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	23063	9.437	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31385	12.685	ug/l #	100
77) Bromobenzene	12.74	156	35136	9.905	ug/l	98
78) n-propylbenzene	12.80	91	177664	9.236	ug/l	99
79) 2-Chlorotoluene	12.89	91	103622	9.540	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	122761	9.129	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	6213	8.300	ug/l	93
82) 4-Chlorotoluene	12.99	91	110117	9.531	ug/l	100
83) tert-Butylbenzene	13.21	119	111255	9.602	ug/l	94
84) 1,2,4-Trimethylbenzene	13.26	105	128609	9.342	ug/l	99
85) sec-Butylbenzene	13.38	105	157557	9.322	ug/l	99
86) p-Isopropyltoluene	13.50	119	139075	9.141	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	73319	9.655	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	74859	9.939	ug/l	98
89) n-Butylbenzene	13.83	91	130116	9.034	ug/l	99
90) Hexachloroethane	14.10	117	24371	9.351	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	65788	9.902	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4510	10.096	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030619\
Quantitation Report (Not Reviewed)

Data File : VW009013.D
Acq On : 06 Mar 2019 11:17
Operator : SY/VA
Sample : VSTDICC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Quant Time: Mar 07 06:59:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:55:45 2019
Response via : Initial Calibration

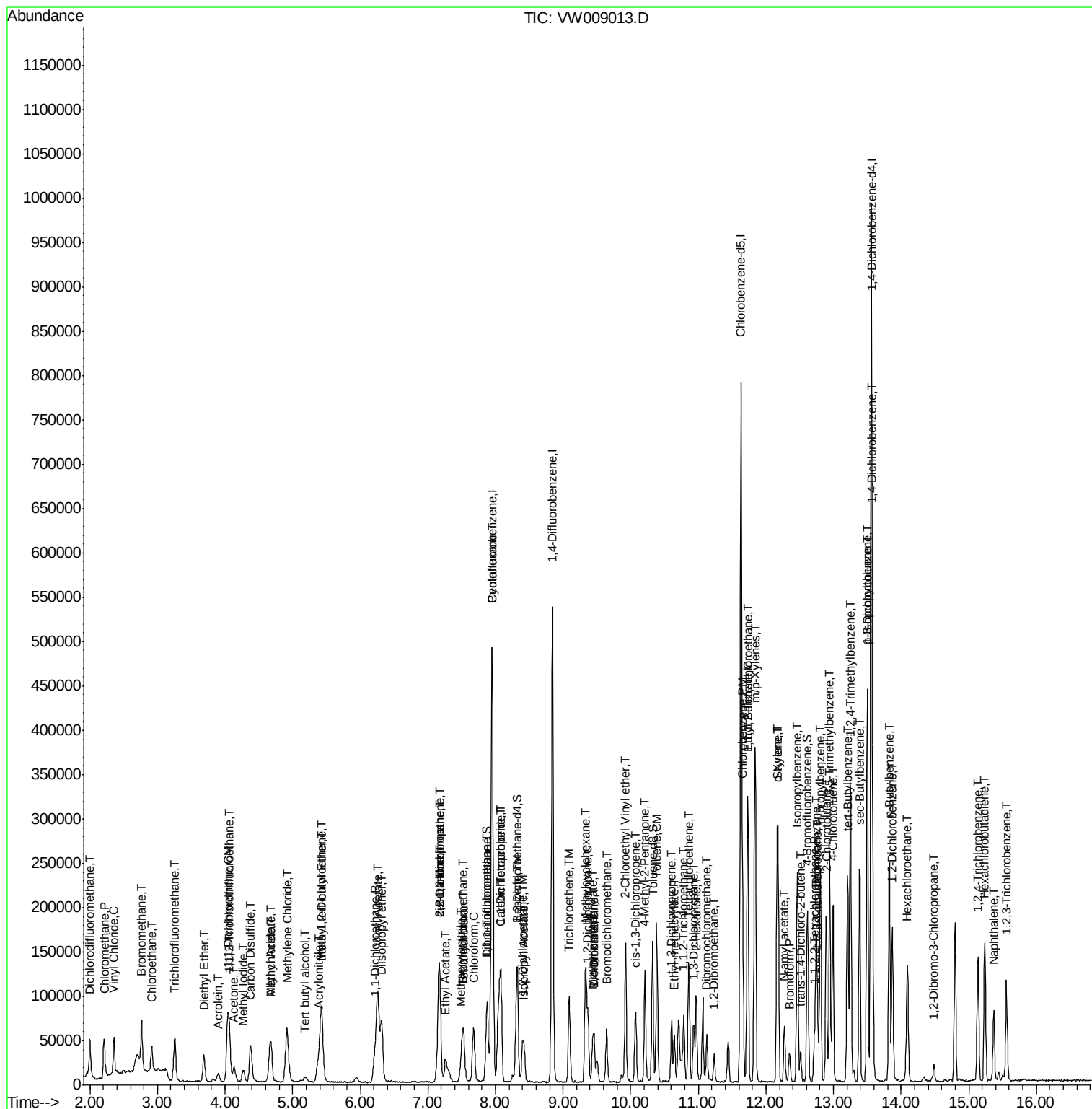
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	43777	9.622	ug/l	99
94) Hexachlorobutadiene	15.24	225	30415	10.518	ug/l	99
95) Naphthalene	15.37	128	64956	8.806	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	37920	9.627	ug/l	99

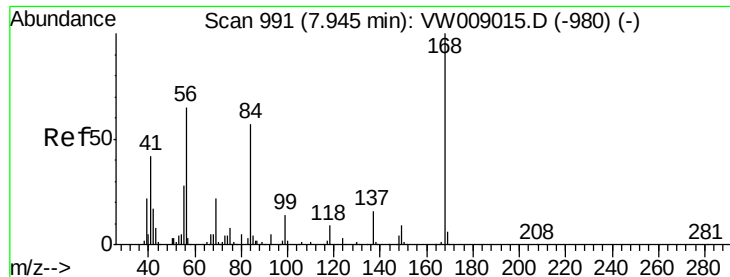
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW009013.D
Acq On : 06 Mar 2019 11:17
Operator : SY/VA
Sample : VSTDIC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sample Id :
VSTDIC010

Quant Time: Mar 07 06:59:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:55:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

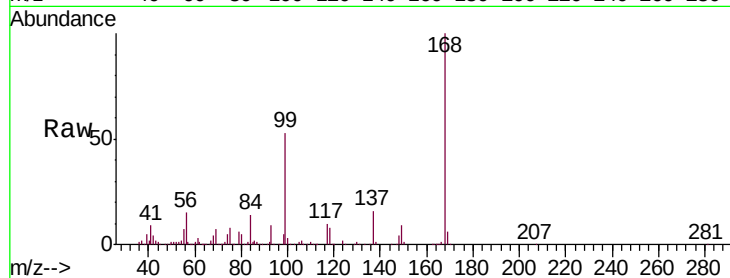
VSTDIC010

Tgt Ion:168 Resp: 301369

Ion Ratio Lower Upper

168 100

99 53.0 43.5 65.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

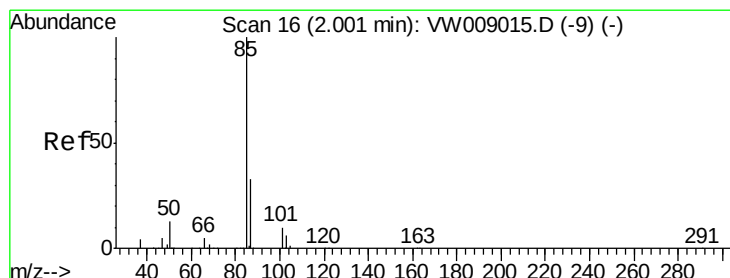
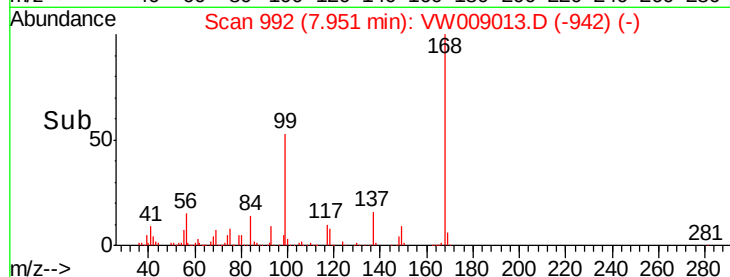
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 11.232 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW009013.D

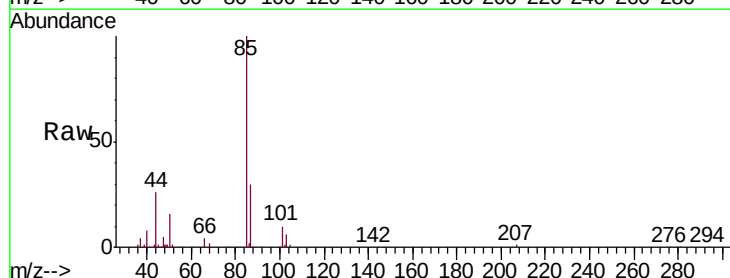
Acq: 06 Mar 2019 11:17

Tgt Ion: 85 Resp: 33625

Ion Ratio Lower Upper

85 100

87 30.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

25000

20000

15000

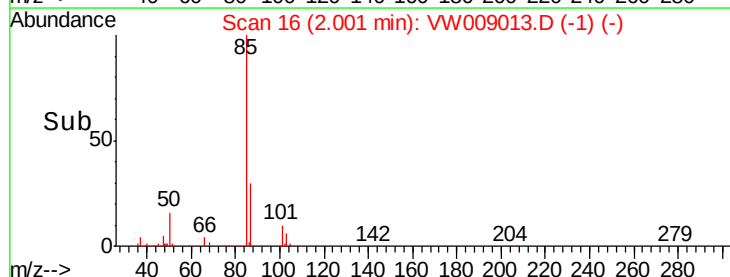
10000

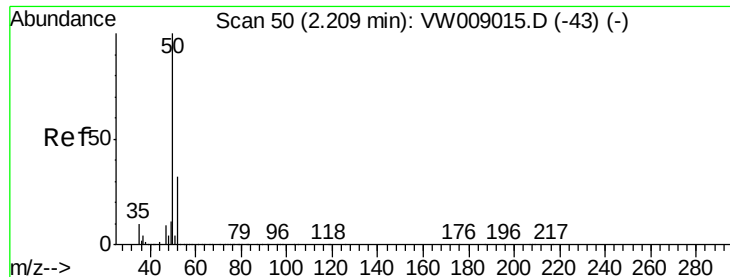
5000

0

1.90 2.00 2.10

Time-->

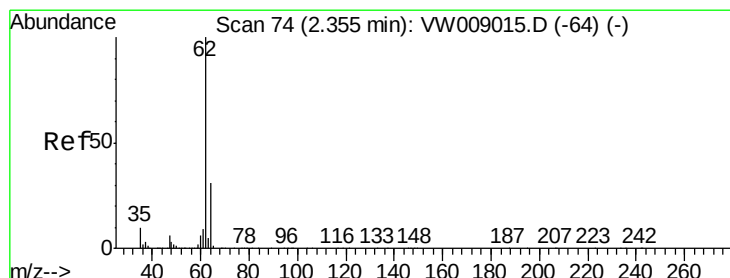
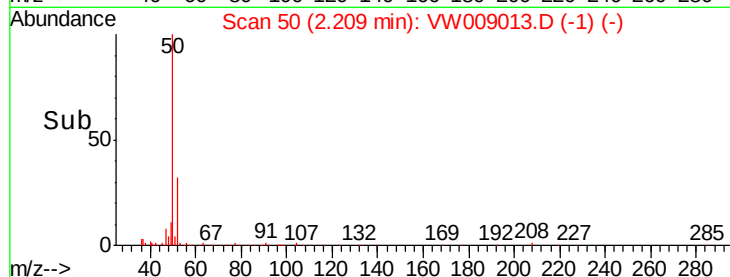
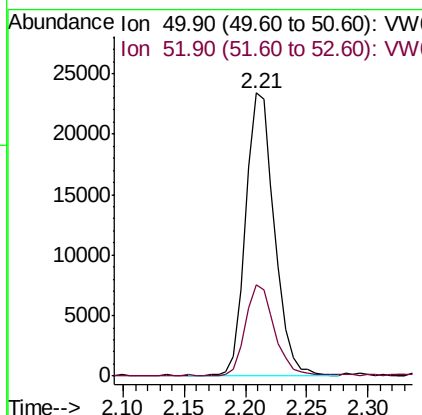
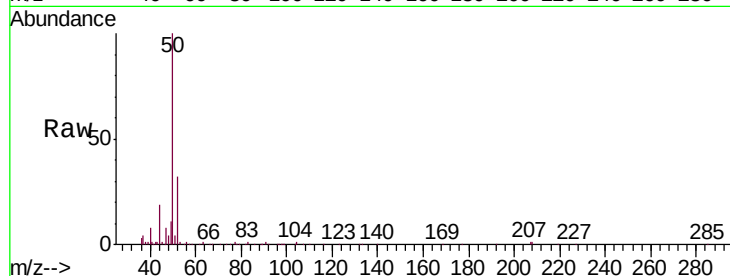




#3
Chloromethane
Concen: 10.157 ug/l
RT: 2.21 min Scan# 50
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

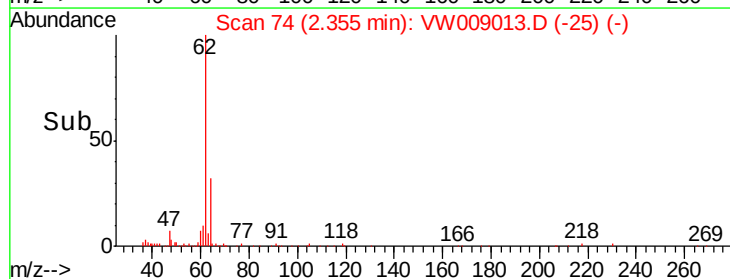
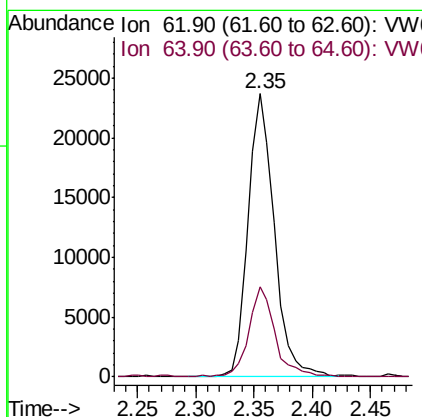
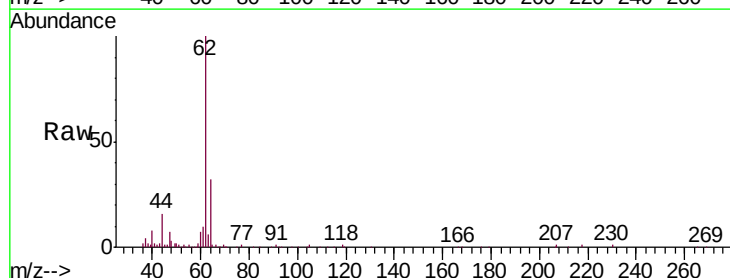
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

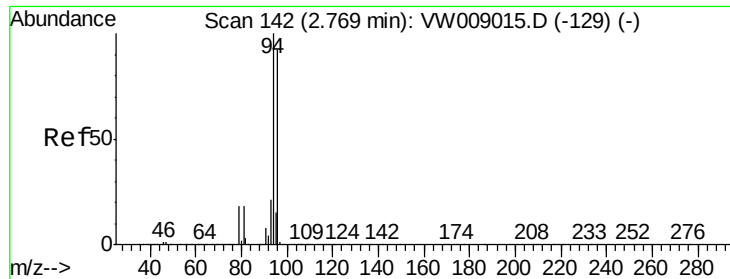
Tgt Ion: 50 Resp: 38301
Ion Ratio Lower Upper
50 100
52 32.0 25.3 37.9



#4
Vinyl Chloride
Concen: 9.888 ug/l
RT: 2.35 min Scan# 74
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

Tgt Ion: 62 Resp: 37365
Ion Ratio Lower Upper
62 100
64 31.7 24.6 36.8





#5

Bromomethane

Concen: 10.750 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

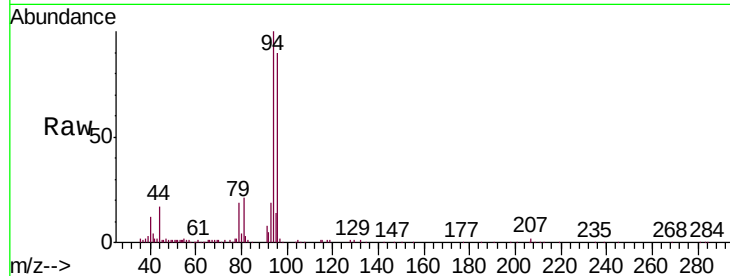
VSTDIC010

Tgt Ion: 94 Resp: 35671

Ion Ratio Lower Upper

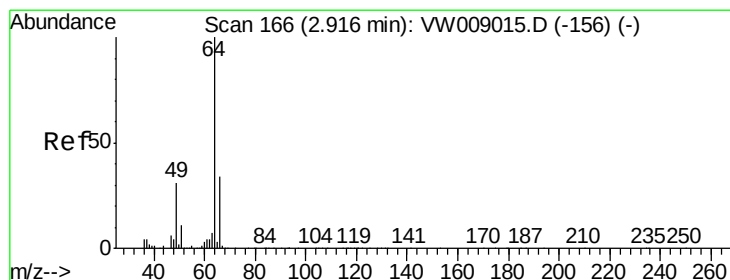
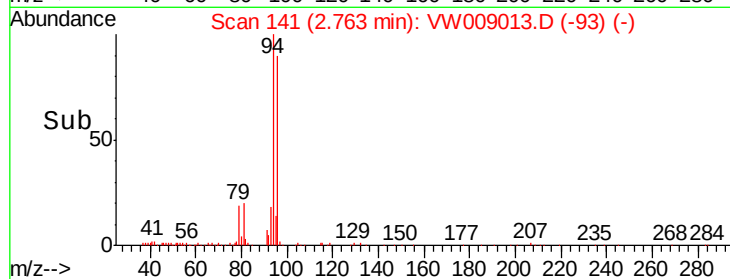
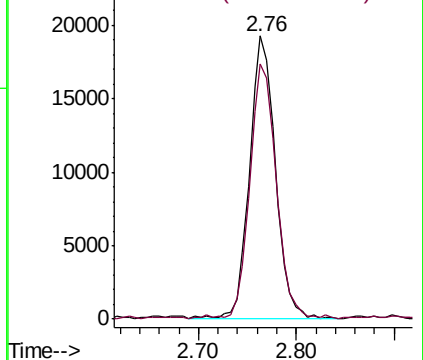
94 100

96 90.0 73.4 110.0



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 9.528 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW009013.D

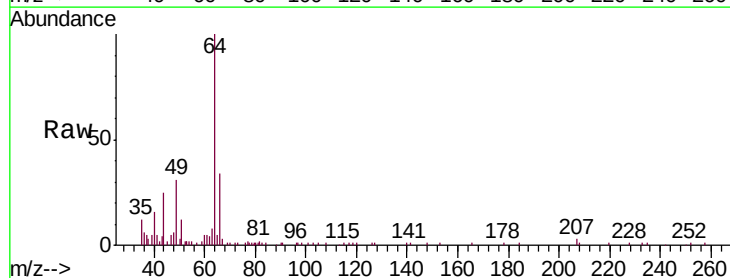
Acq: 06 Mar 2019 11:17

Tgt Ion: 64 Resp: 25529

Ion Ratio Lower Upper

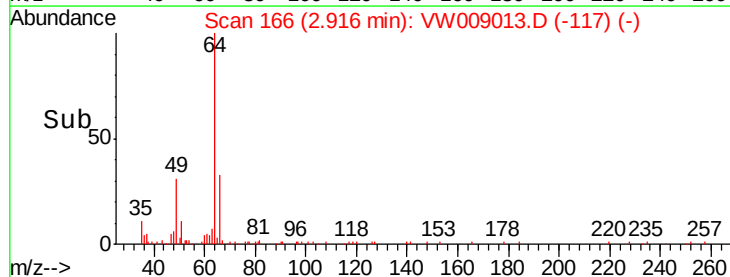
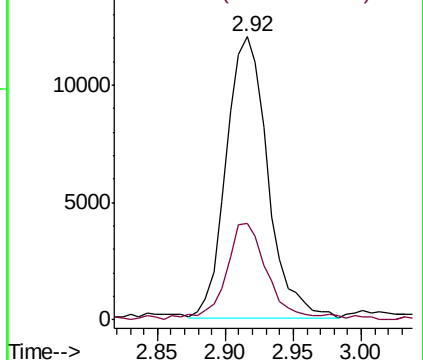
64 100

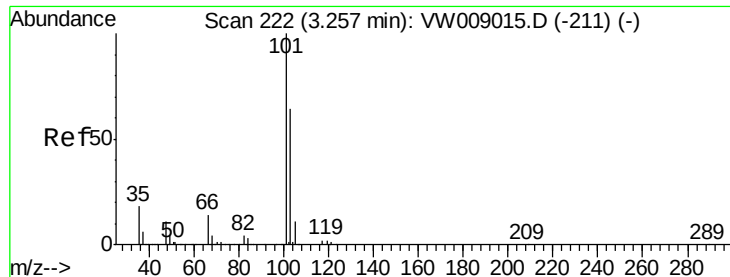
66 32.8 27.2 40.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



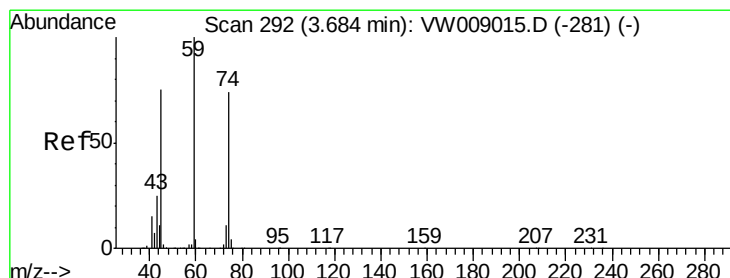
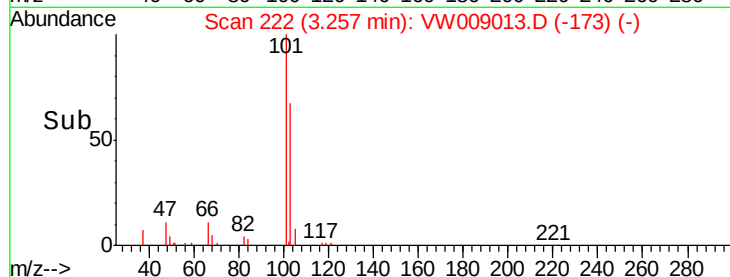
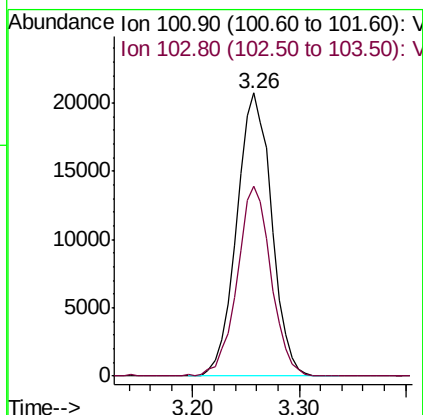
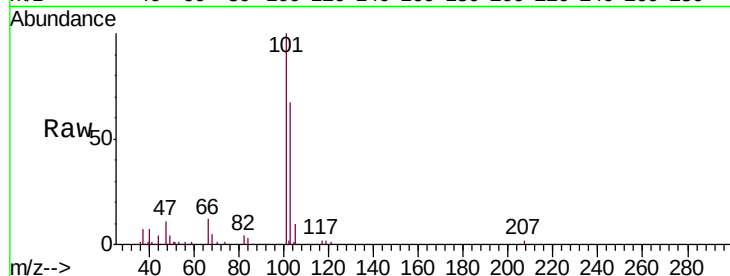


#7

Trichlorofluoromethane
 Concen: 9.816 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW009013.D
 Acq: 06 Mar 2019 11:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

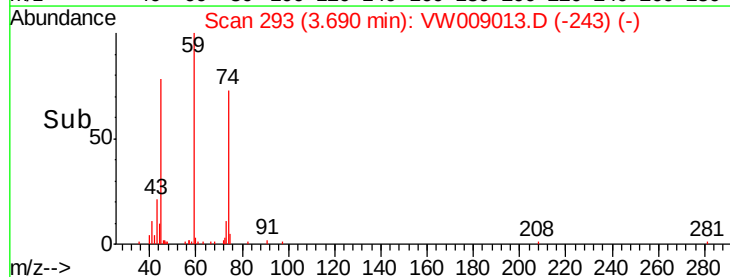
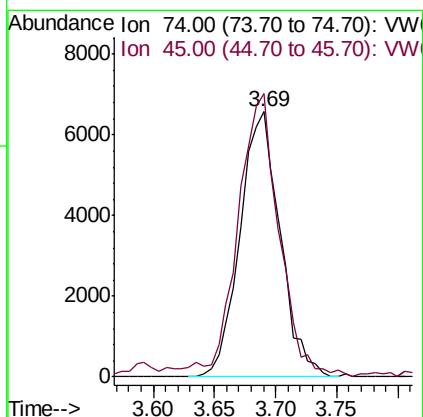
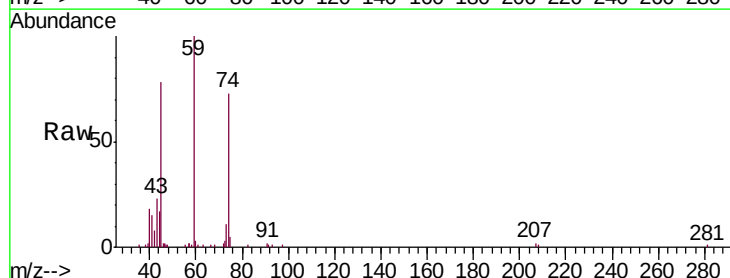
Tgt Ion: 101 Resp: 47780
 Ion Ratio Lower Upper
 101 100
 103 66.9 51.1 76.7

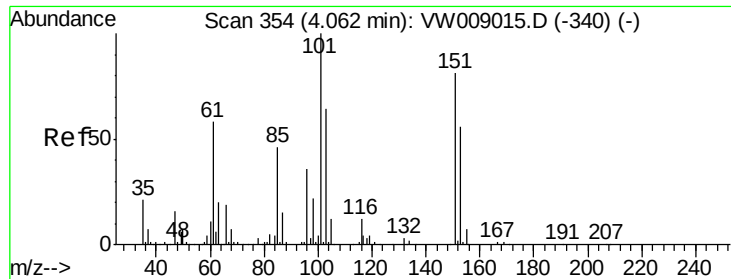


#8

Diethyl Ether
 Concen: 9.878 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VW009013.D
 Acq: 06 Mar 2019 11:17

Tgt Ion: 74 Resp: 15010
 Ion Ratio Lower Upper
 74 100
 45 111.5 48.8 146.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.699 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

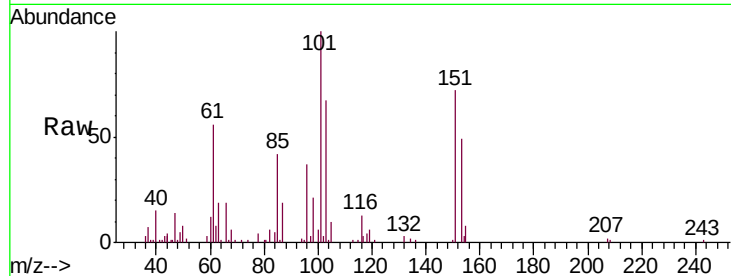
Tgt Ion:101 Resp: 29296

Ion Ratio Lower Upper

101 100

85 46.6 36.6 55.0

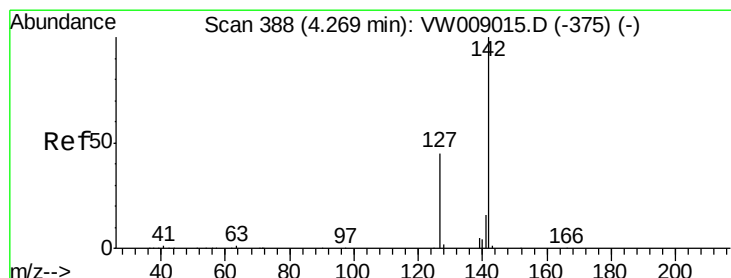
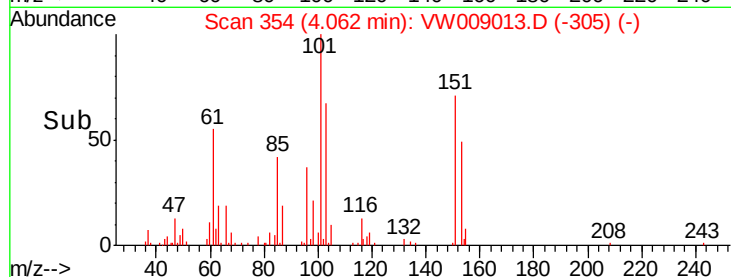
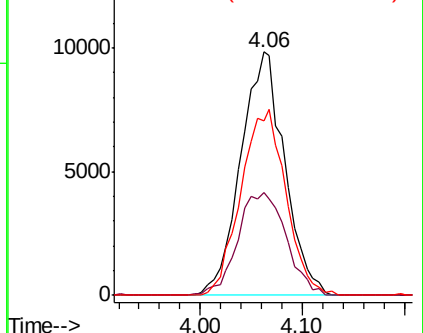
151 78.6 66.0 99.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 7.504 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

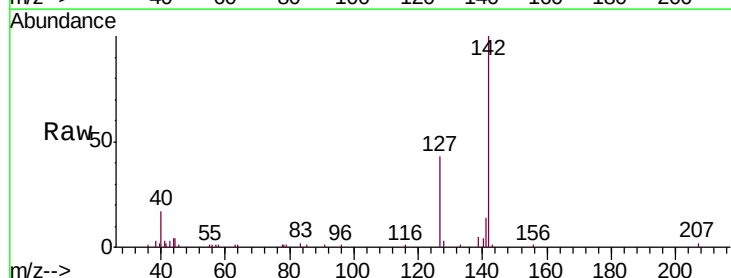
Tgt Ion:142 Resp: 21395

Ion Ratio Lower Upper

142 100

127 0.0 36.2 54.2#

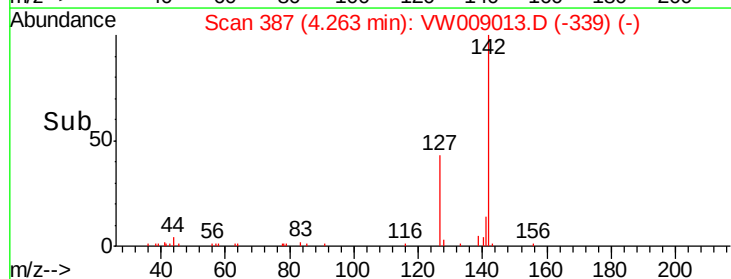
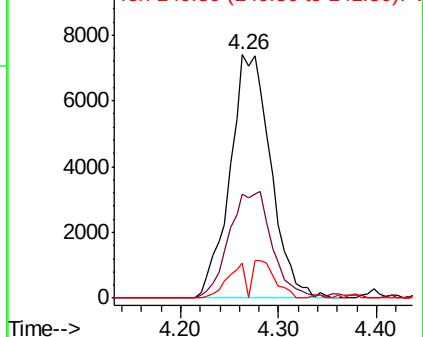
141 6.2 12.3 18.5#

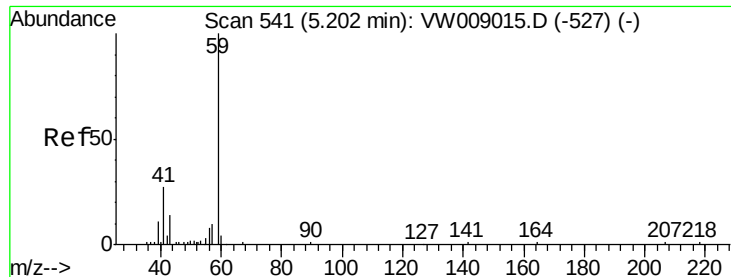


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

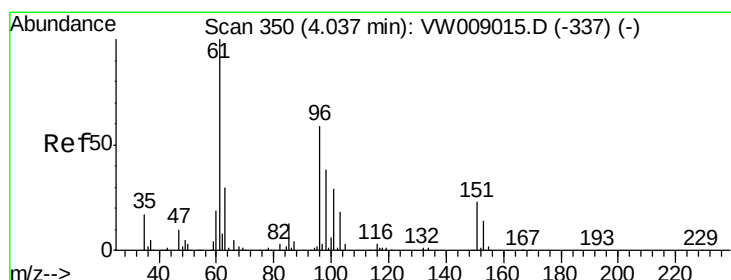
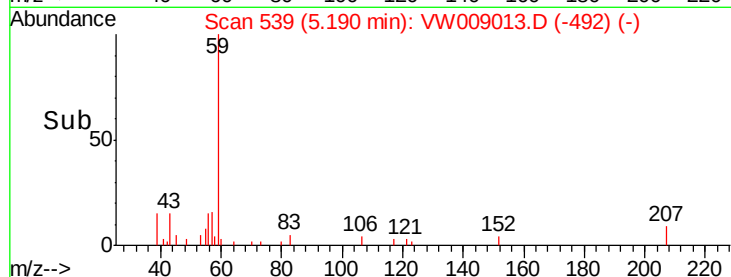
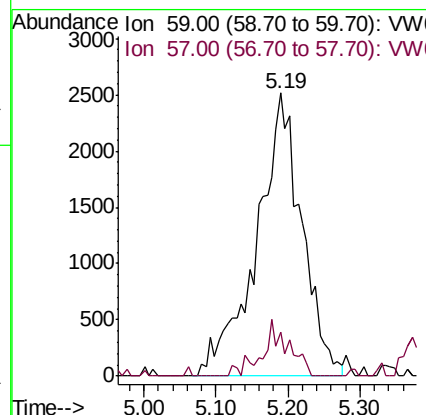
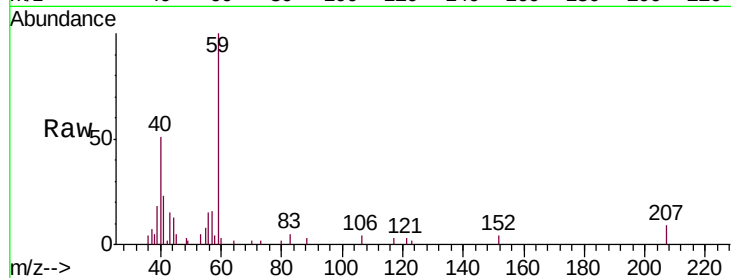




#11
Tert butyl alcohol
Concen: 49.544 ug/l
RT: 5.19 min Scan# 539
Delta R.T. -0.01 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

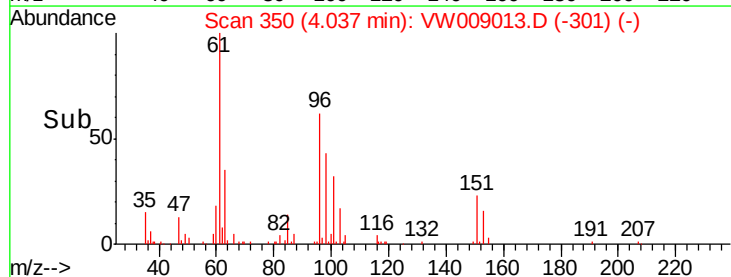
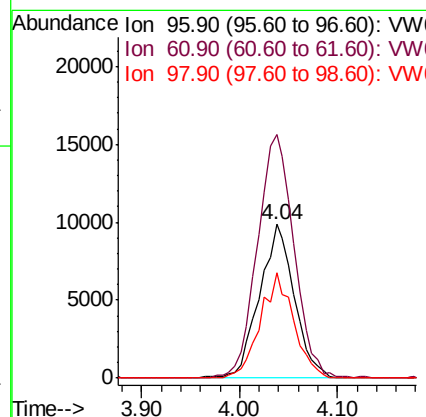
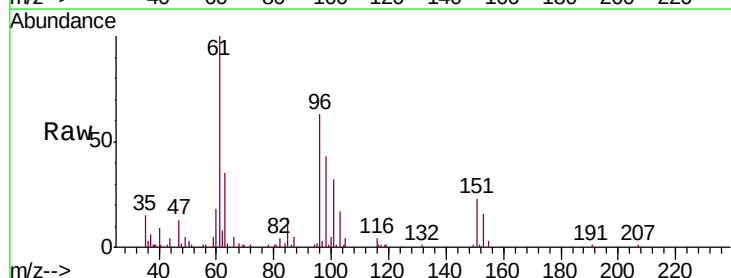
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

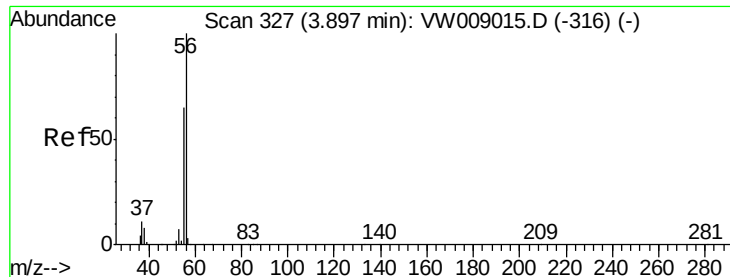
Tgt Ion: 59 Resp: 10957
Ion Ratio Lower Upper
59 100
57 9.8 9.0 13.6



#12
1,1-Dichloroethene
Concen: 9.338 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

Tgt Ion: 96 Resp: 24578
Ion Ratio Lower Upper
96 100
61 158.2 135.8 203.6
98 68.2 51.6 77.4





#13

Acrolein

Concen: 49.564 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

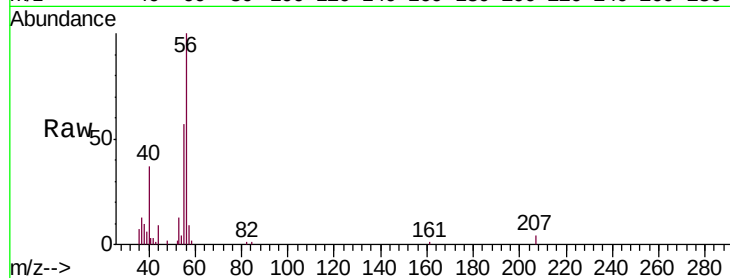
VSTDIC010

Tgt Ion: 56 Resp: 12288

Ion Ratio Lower Upper

56 100

55 70.6 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.90

5000

4000

3000

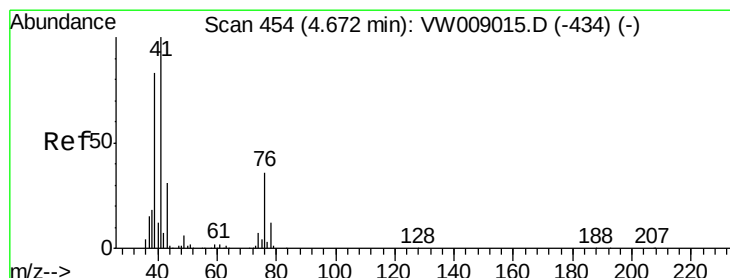
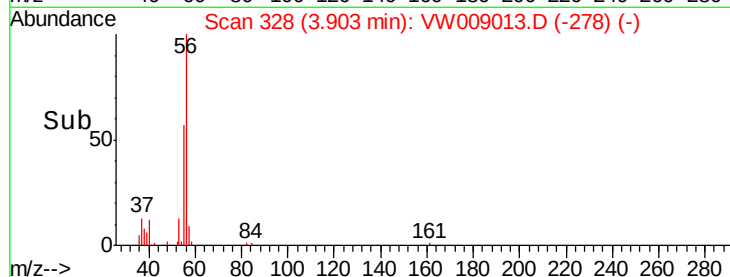
2000

1000

0

Time-->

3.80 3.90 4.00



#14

Allyl chloride

Concen: 9.032 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

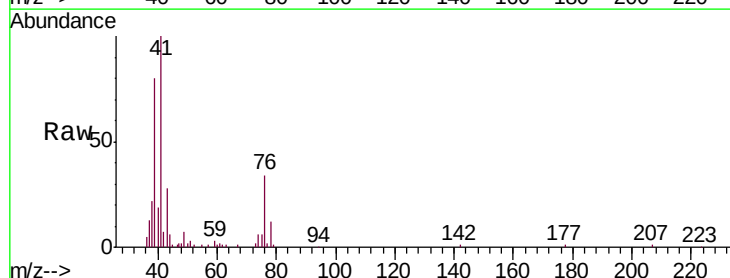
Tgt Ion: 41 Resp: 41101

Ion Ratio Lower Upper

41 100

39 80.6 63.6 95.4

76 34.3 27.9 41.9



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

15000

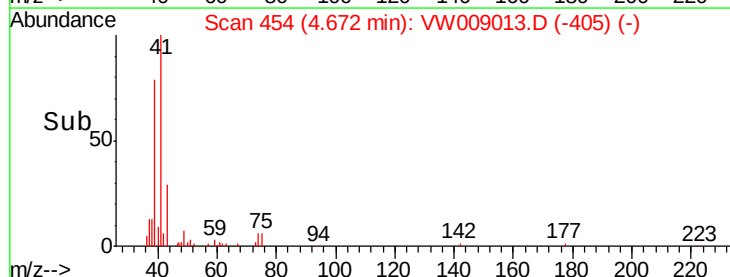
10000

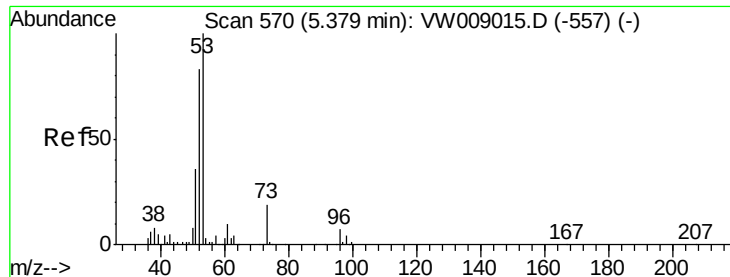
5000

0

Time-->

4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 47.309 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

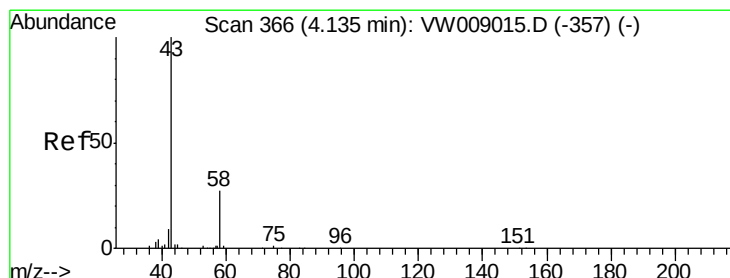
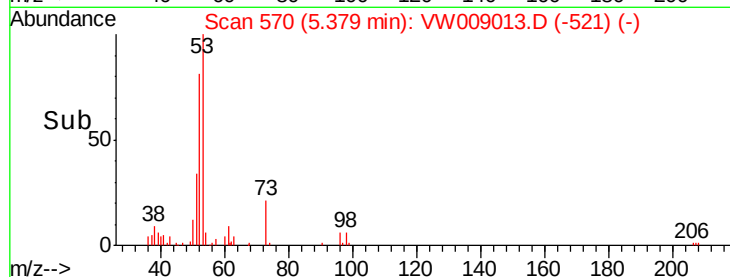
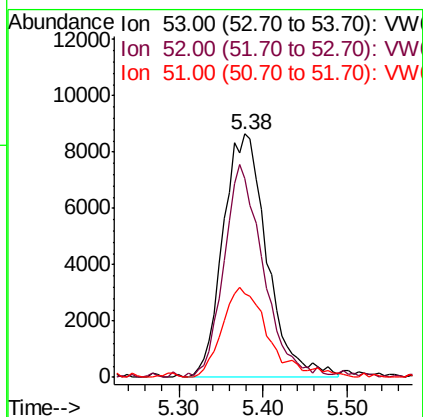
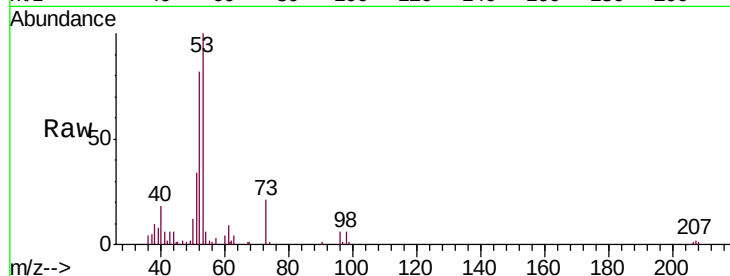
Tgt Ion: 53 Resp: 30775

Ion Ratio Lower Upper

53 100

52 77.4 66.6 100.0

51 37.2 30.6 45.8



#16

Acetone

Concen: 49.371 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW009013.D

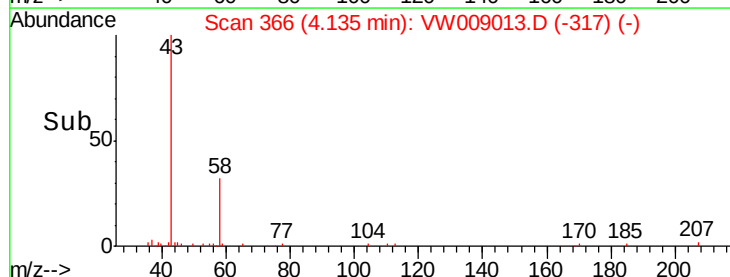
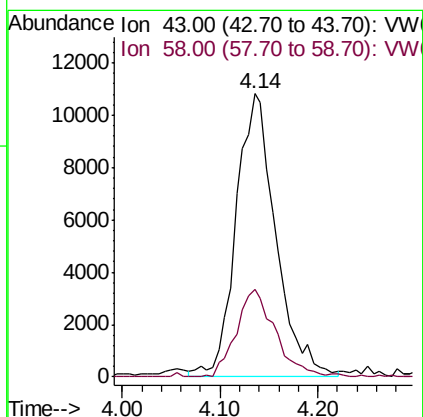
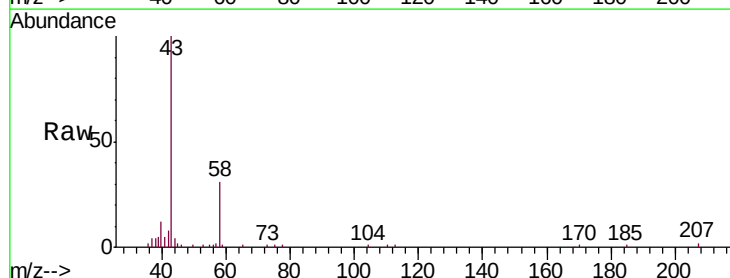
Acq: 06 Mar 2019 11:17

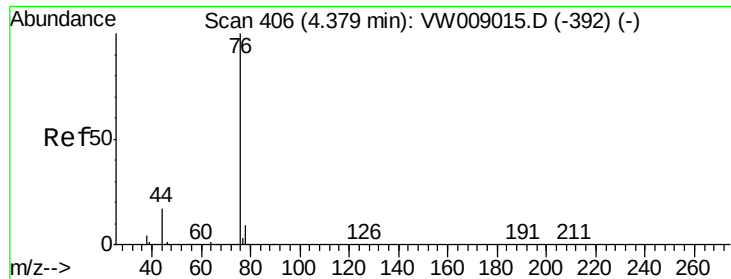
Tgt Ion: 43 Resp: 30643

Ion Ratio Lower Upper

43 100

58 30.2 21.6 32.4





#17

Carbon Disulfide

Concen: 9.324 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

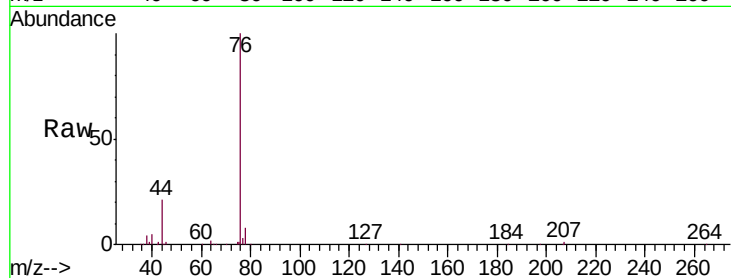
VSTDIC010

Tgt Ion: 76 Resp: 82244

Ion Ratio Lower Upper

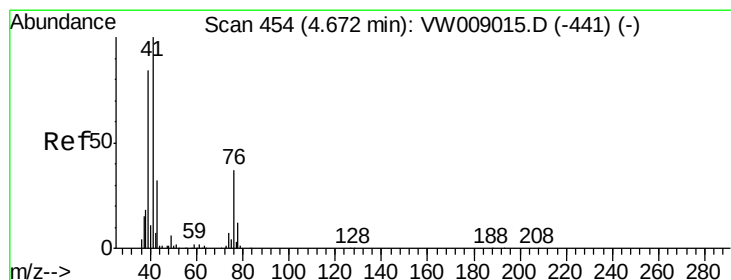
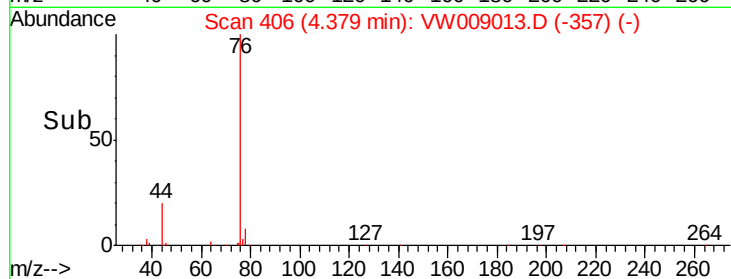
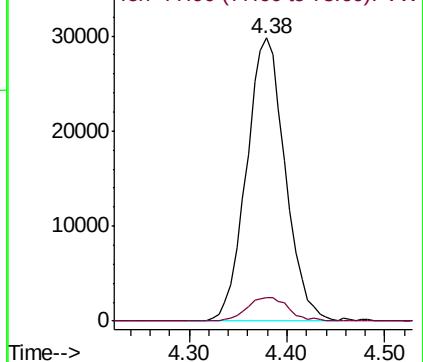
76 100

78 8.4 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 8.900 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW009013.D

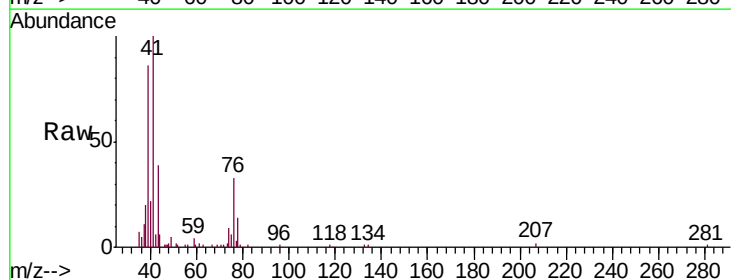
Acq: 06 Mar 2019 11:17

Tgt Ion: 43 Resp: 12600

Ion Ratio Lower Upper

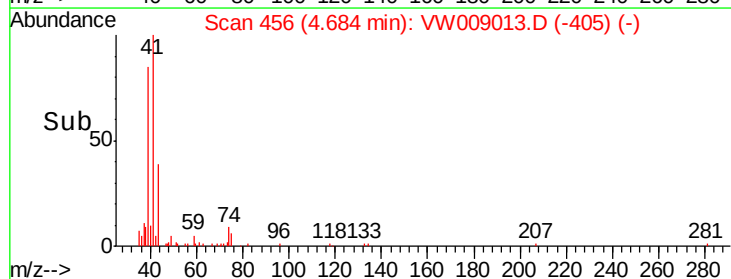
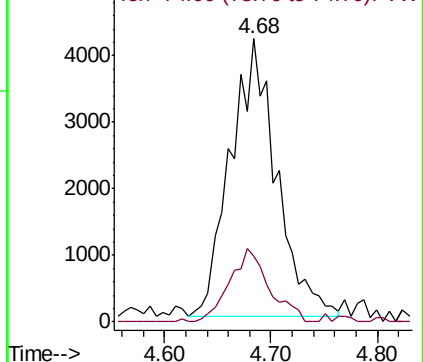
43 100

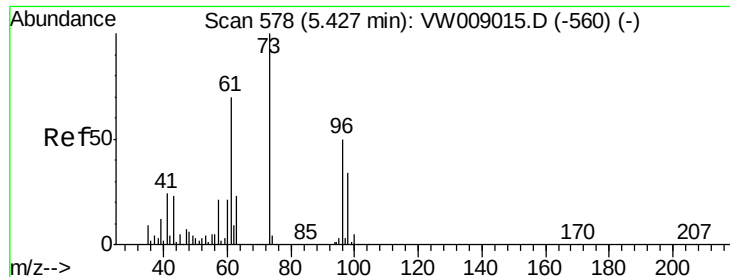
74 22.7 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

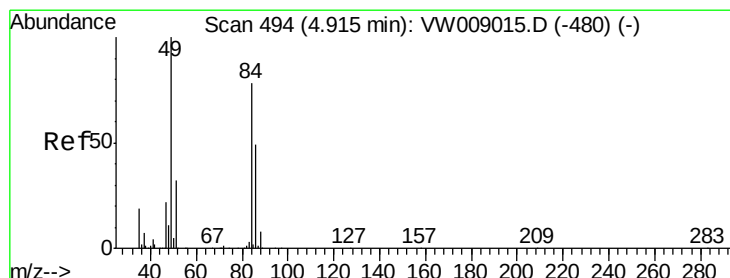
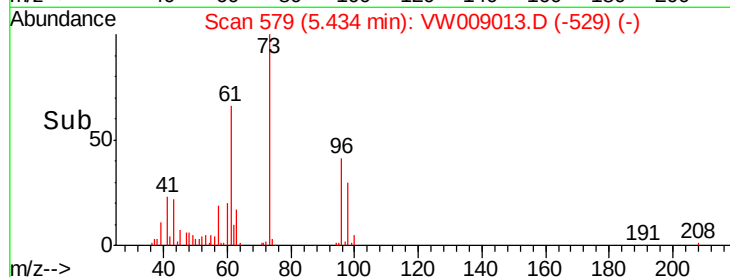
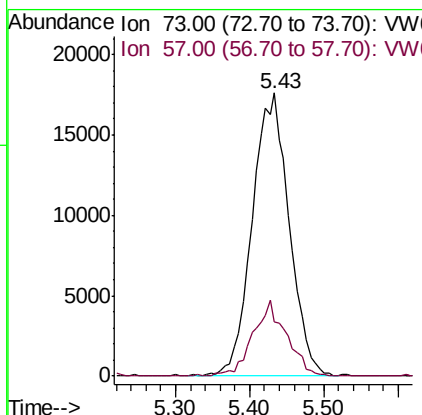
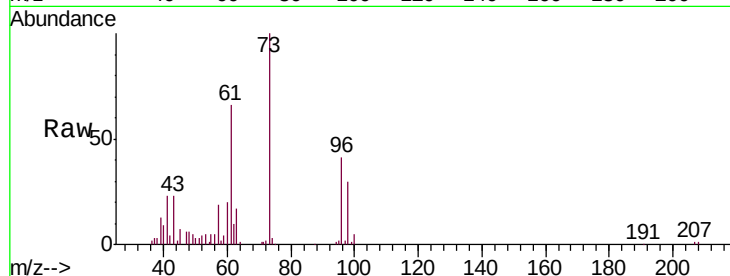




#19
Methyl tert-butyl Ether
Concen: 8.959 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

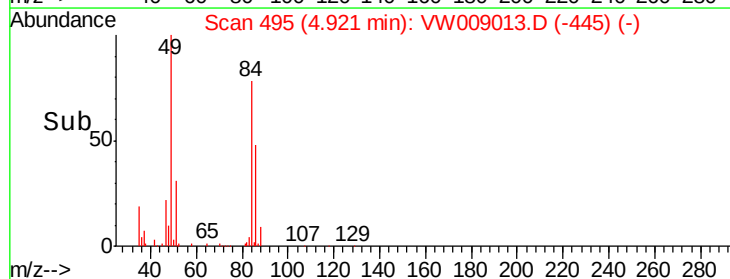
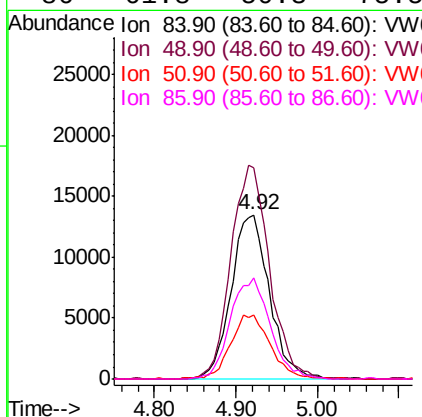
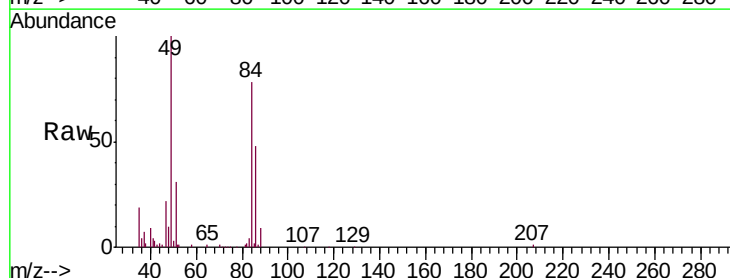
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

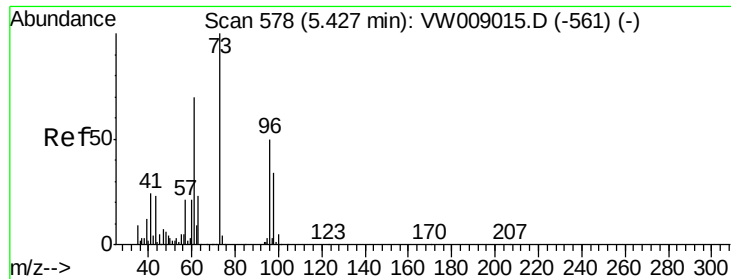
Tgt Ion: 73 Resp: 61040
Ion Ratio Lower Upper
73 100
57 19.2 17.0 25.6



#20
Methylene Chloride
Concen: 12.049 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

Tgt Ion: 84 Resp: 43784
Ion Ratio Lower Upper
84 100
49 127.8 102.8 154.2
51 38.4 32.4 48.6
86 61.8 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 9.039 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

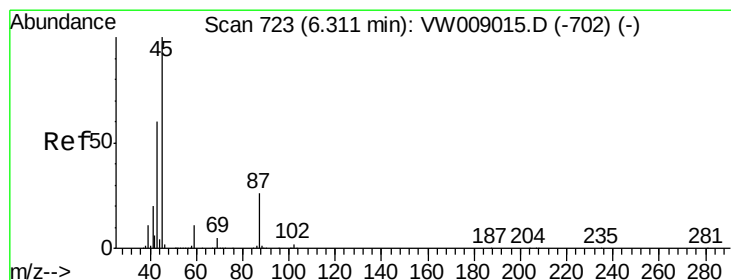
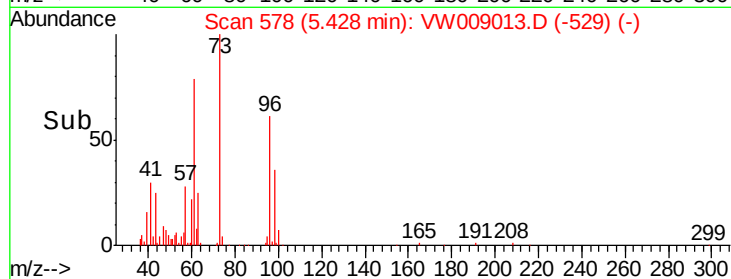
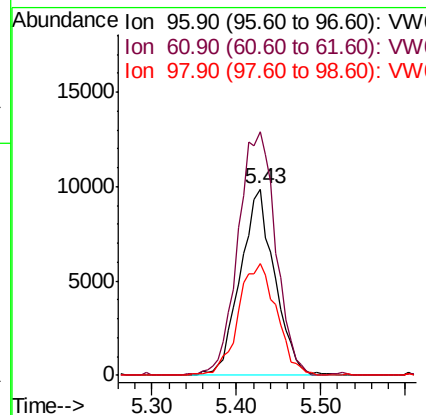
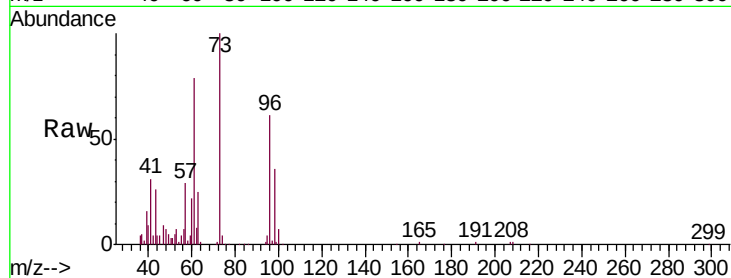
Tgt Ion: 96 Resp: 27213

Ion Ratio Lower Upper

96 100

61 130.0 113.2 169.8

98 60.1 55.7 83.5



#22

Diisopropyl ether

Concen: 8.945 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Tgt Ion: 45 Resp: 81277

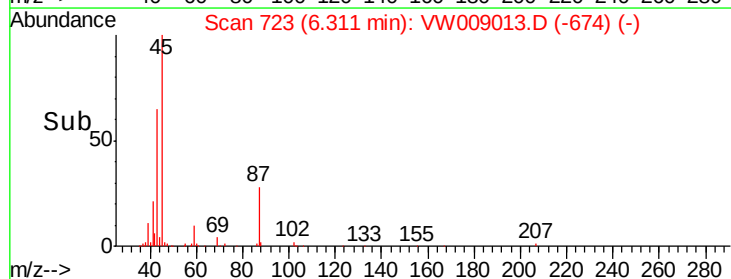
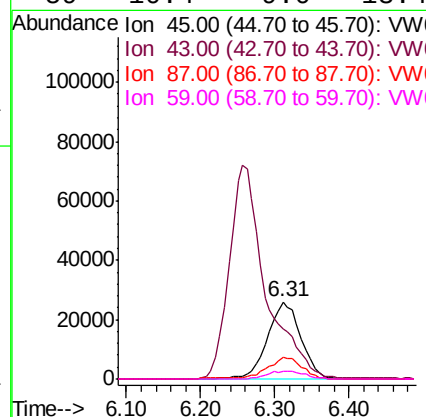
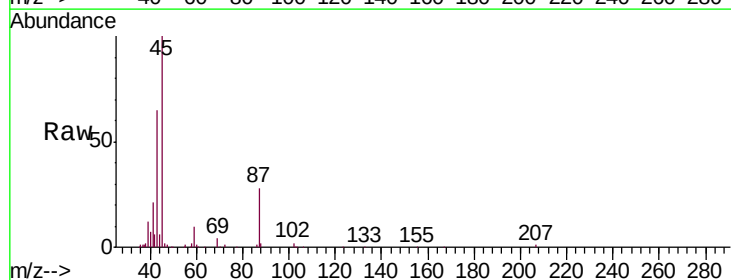
Ion Ratio Lower Upper

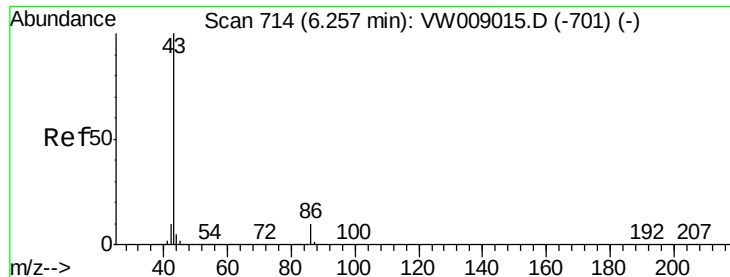
45 100

43 64.8 48.1 72.1

87 27.6 20.9 31.3

59 10.4 9.0 13.4





#23

Vinyl Acetate

Concen: 43.413 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

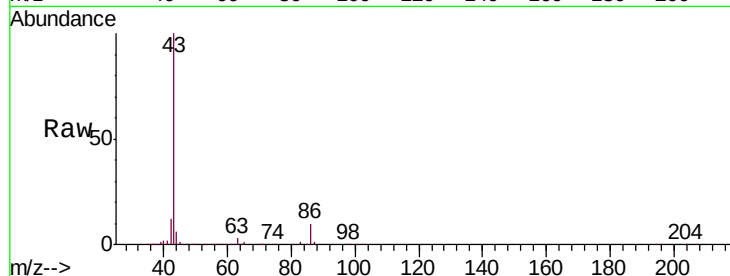
VSTDIC010

Tgt Ion: 43 Resp: 245688

Ion Ratio Lower Upper

43 100

86 10.0 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

80000

60000

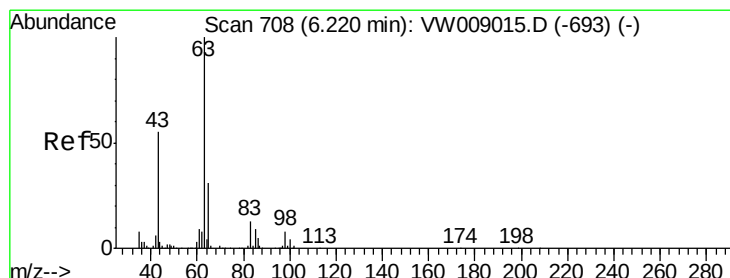
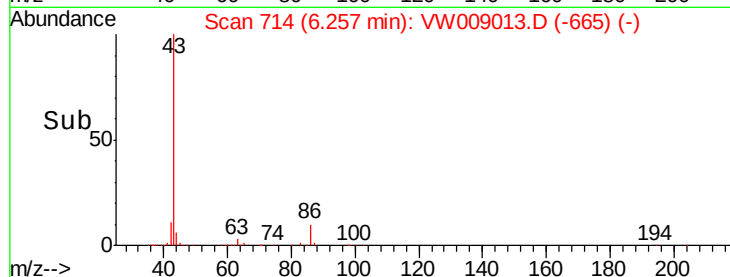
40000

20000

0

6.10 6.20 6.30 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 9.209 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

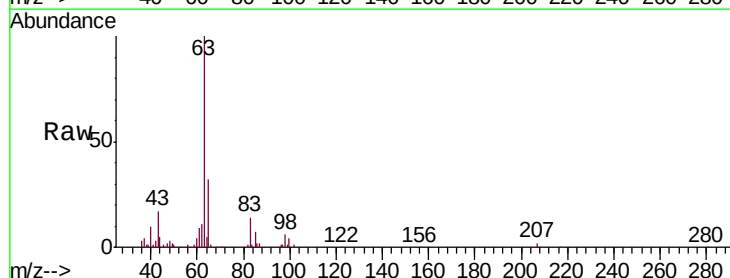
Tgt Ion: 63 Resp: 48655

Ion Ratio Lower Upper

63 100

98 6.4 4.0 12.2

100 3.8 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

20000

15000

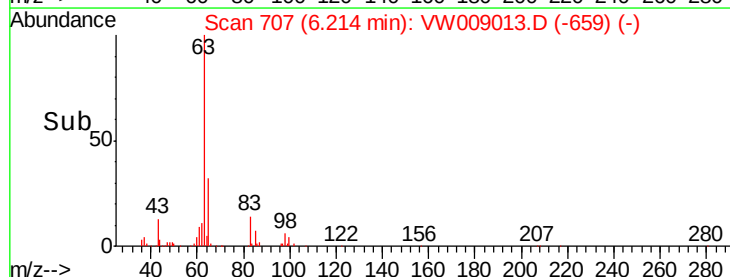
10000

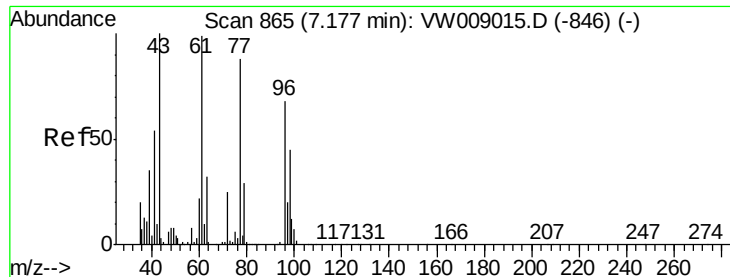
5000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 44.822 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

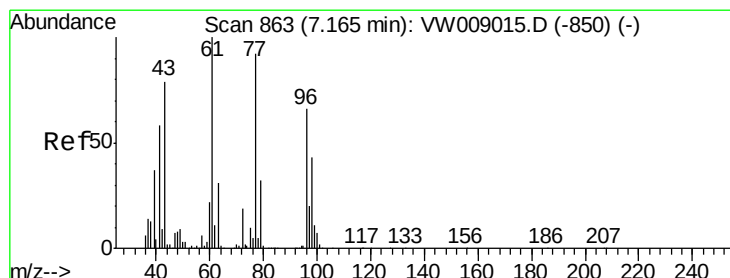
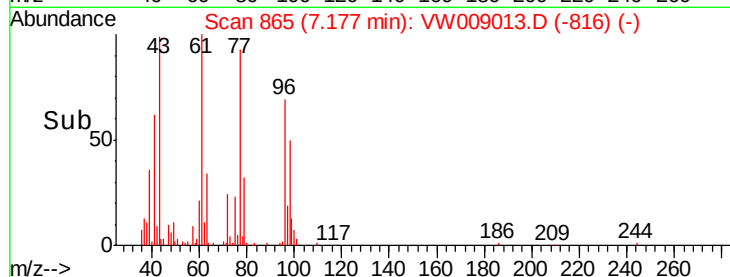
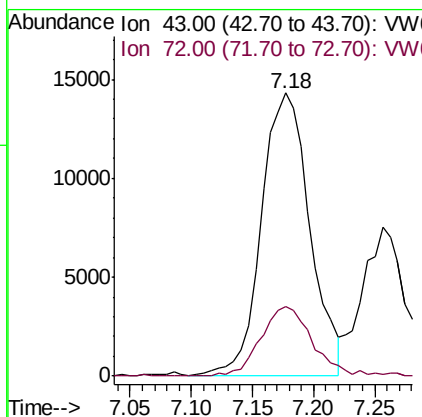
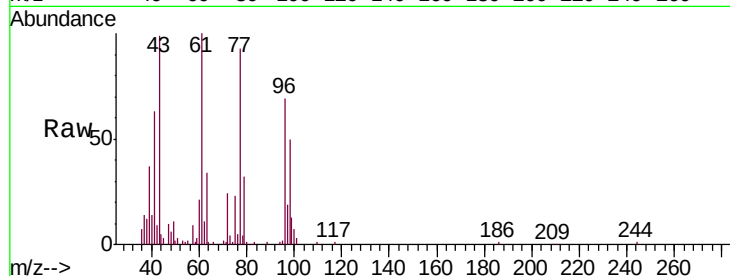
VSTDIC010

Tgt Ion: 43 Resp: 39596

Ion Ratio Lower Upper

43 100

72 24.7 20.2 30.2



#26

2,2-Dichloropropane

Concen: 9.578 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW009013.D

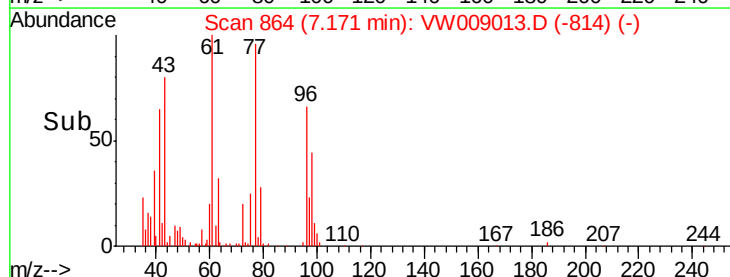
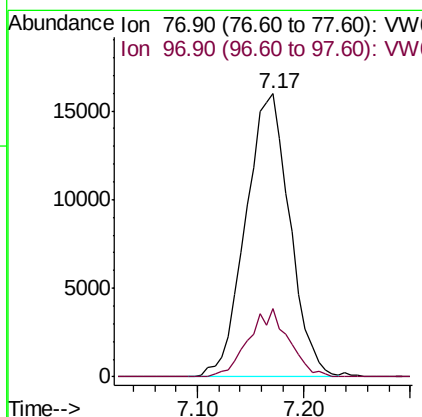
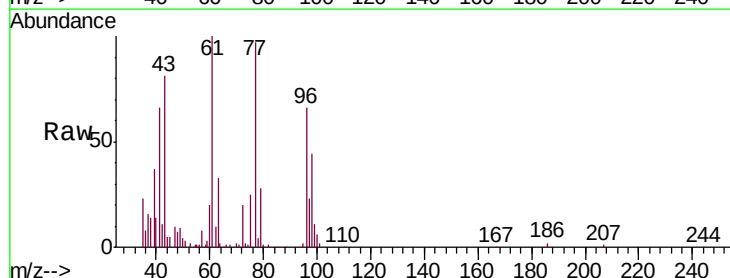
Acq: 06 Mar 2019 11:17

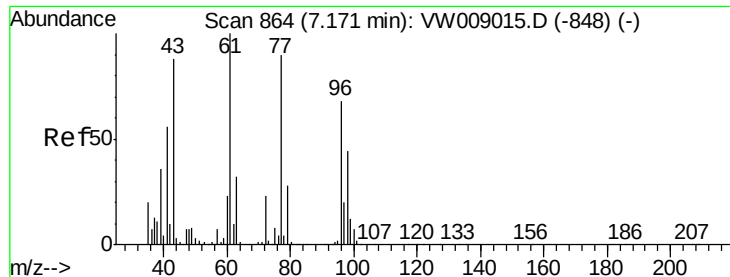
Tgt Ion: 77 Resp: 46292

Ion Ratio Lower Upper

77 100

97 22.0 10.7 32.1



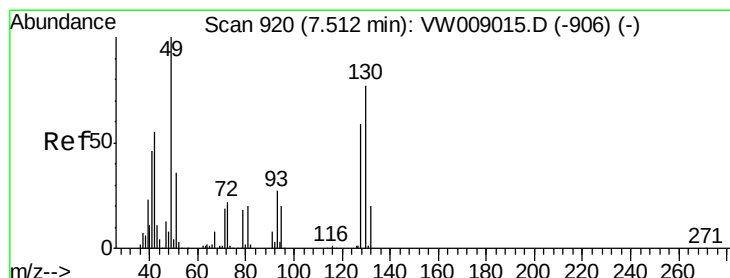
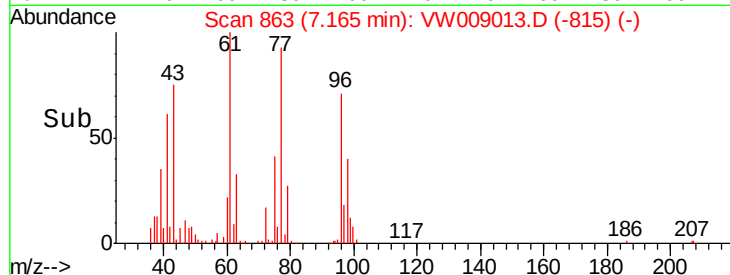
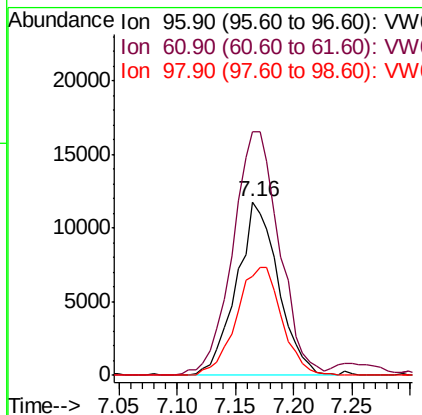
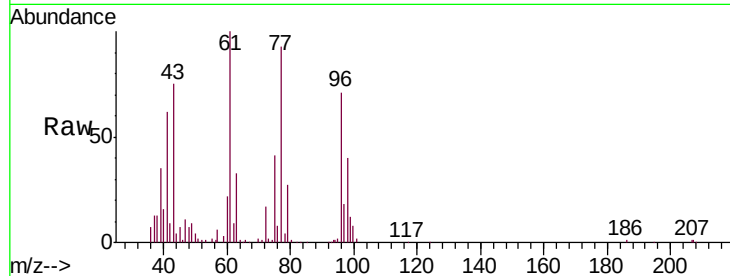


#27

cis-1,2-Dichloroethene
Concen: 9.272 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

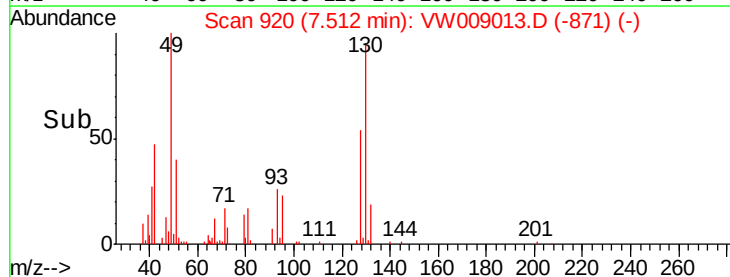
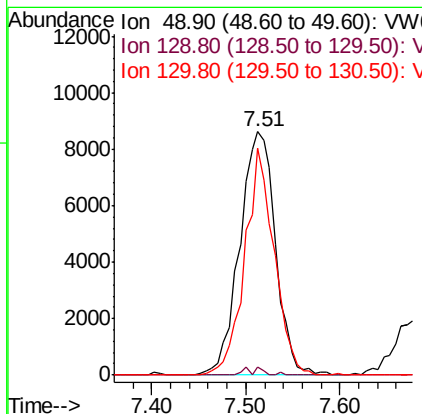
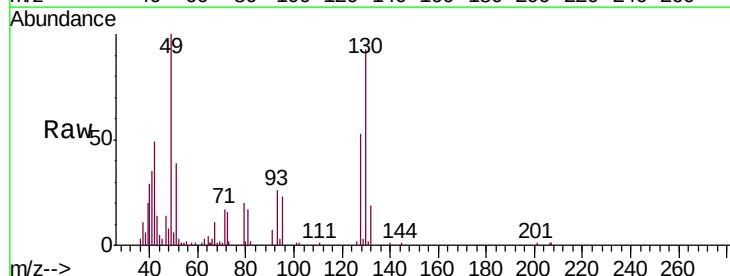
Tgt Ion: 96 Resp: 29387
Ion Ratio Lower Upper
96 100
61 156.1 0.0 303.6
98 67.5 0.0 129.0

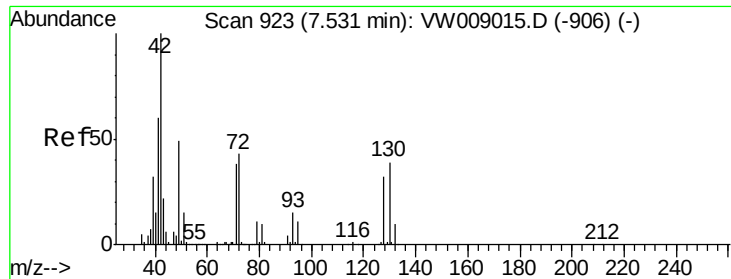


#28

Bromochloromethane
Concen: 9.887 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

Tgt Ion: 49 Resp: 22676
Ion Ratio Lower Upper
49 100
129 0.6 0.0 3.2
130 76.9 59.9 89.9

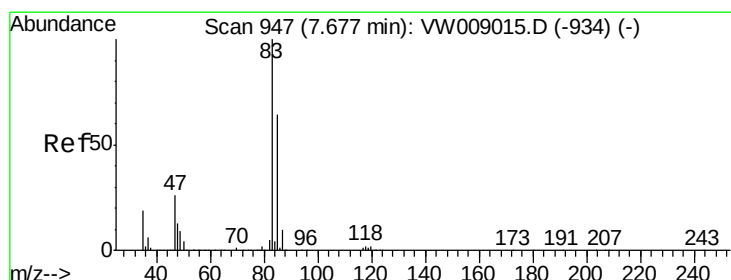
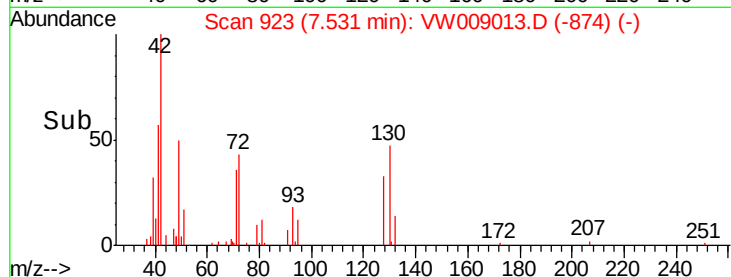
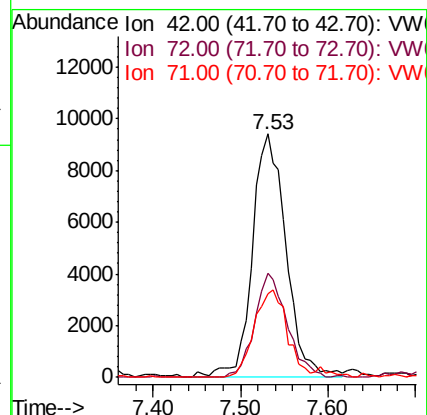
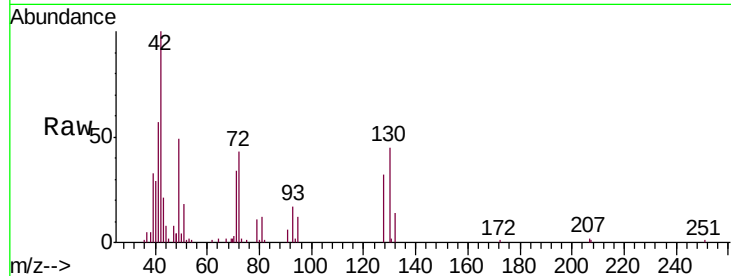




#29
Tetrahydrofuran
Concen: 45.464 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

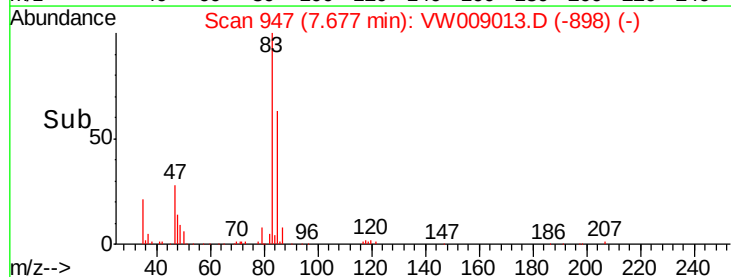
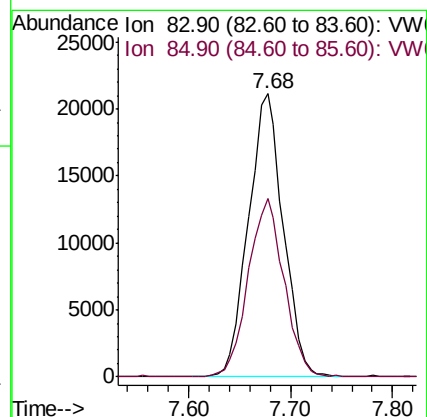
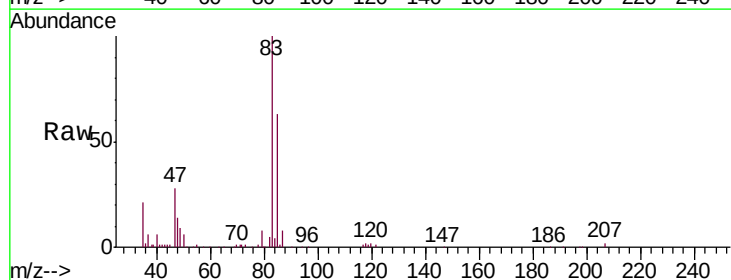
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

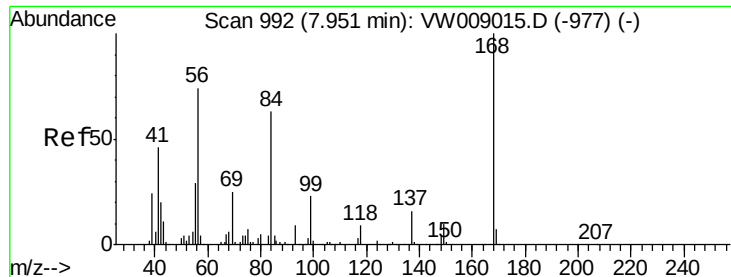
Tgt Ion: 42 Resp: 25232
Ion Ratio Lower Upper
42 100
72 40.9 32.5 48.7
71 35.0 31.6 47.4



#30
Chloroform
Concen: 9.290 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

Tgt Ion: 83 Resp: 50254
Ion Ratio Lower Upper
83 100
85 62.9 51.4 77.0

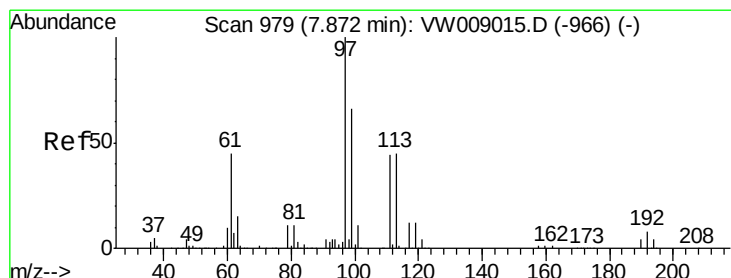
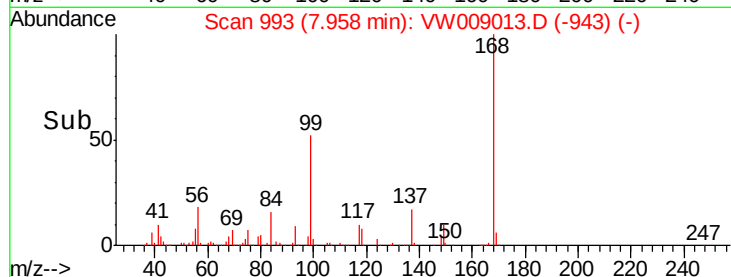
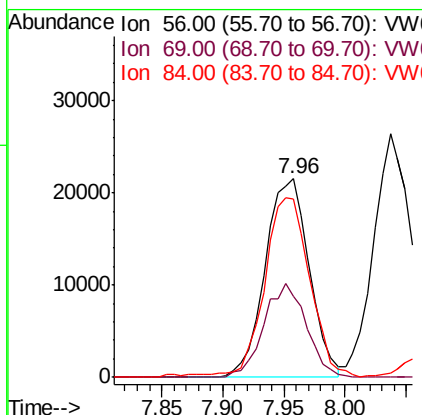
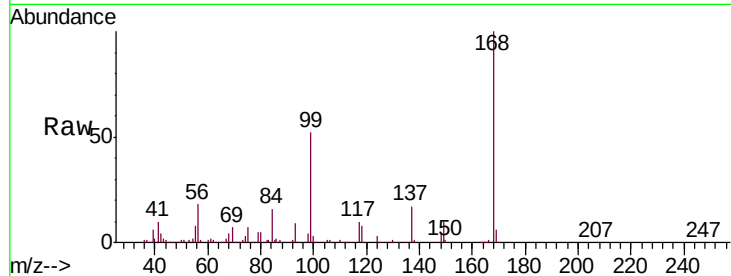




#31
Cyclohexane
Concen: 9.952 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

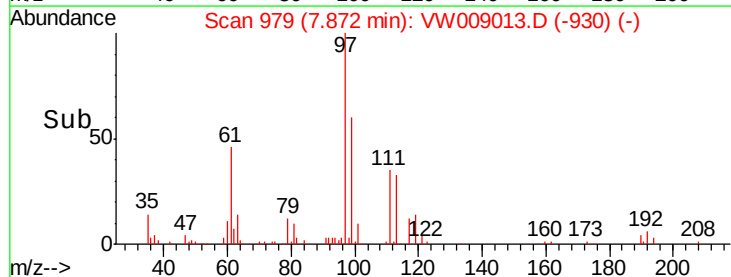
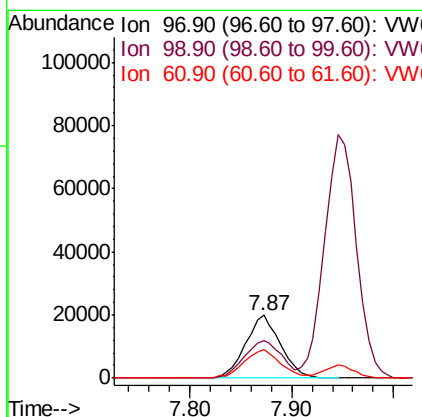
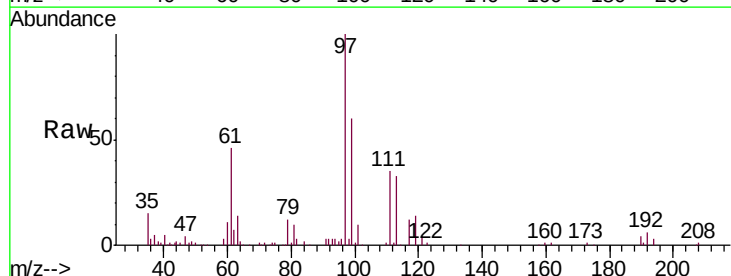
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

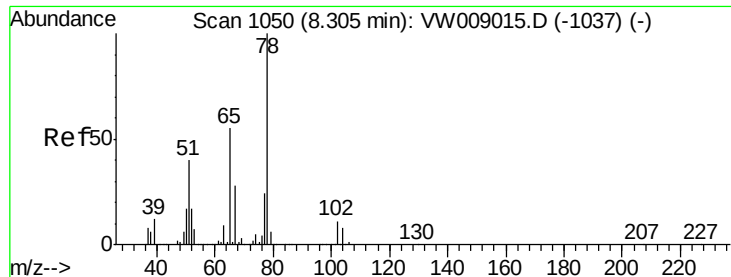
Tgt Ion: 56 Resp: 54072
Ion Ratio Lower Upper
56 100
69 40.7 27.0 40.4#
84 88.3 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 9.513 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

Tgt Ion: 97 Resp: 47264
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 48.7 37.4 56.0

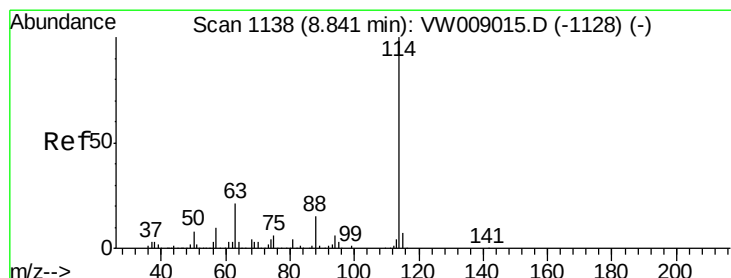
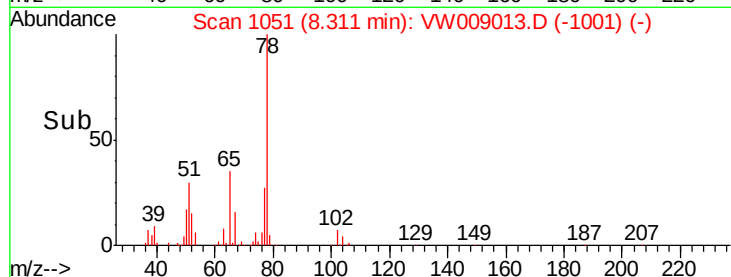
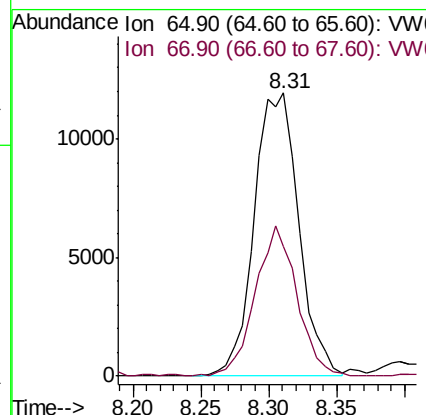
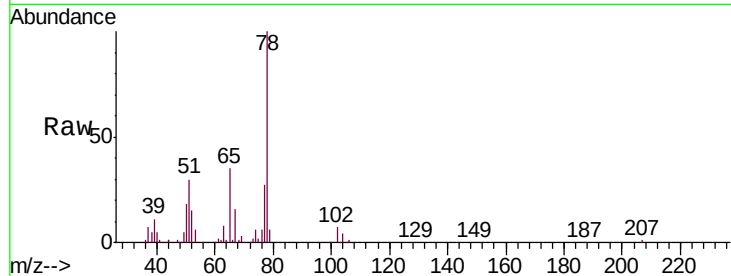




#33
 1,2-Dichloroethane-d4
 Concen: 9.044 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW009013.D
 Acq: 06 Mar 2019 11:17

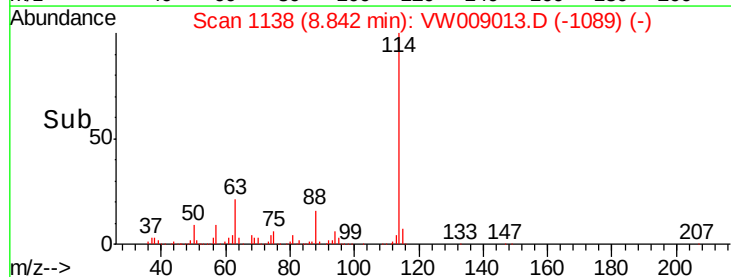
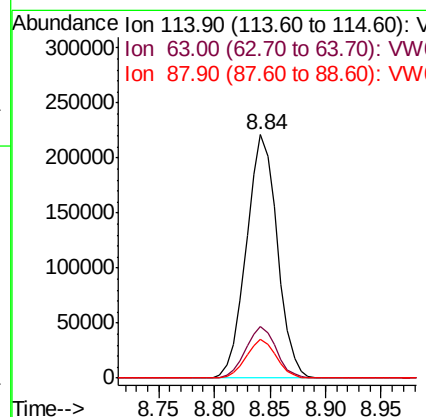
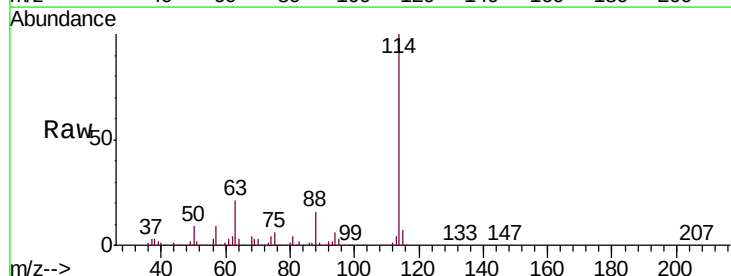
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

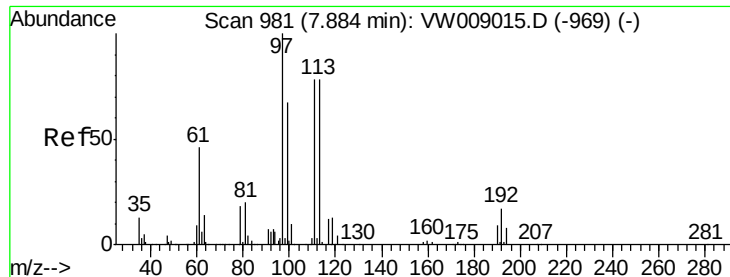
Tgt Ion: 65 Resp: 27345
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009013.D
 Acq: 06 Mar 2019 11:17

Tgt Ion: 114 Resp: 427465
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 15.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 9.024 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

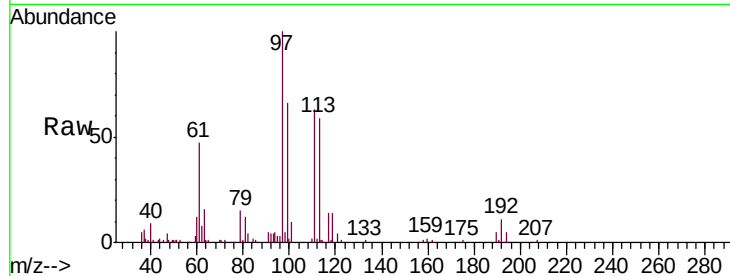
Tgt Ion:113 Resp: 23220

Ion Ratio Lower Upper

113 100

111 104.9 80.5 120.7

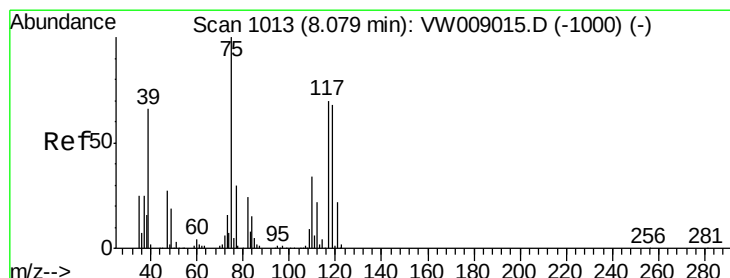
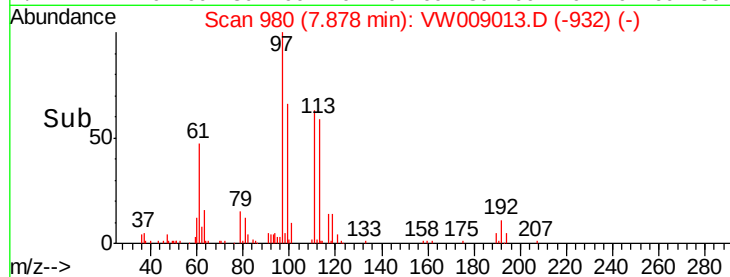
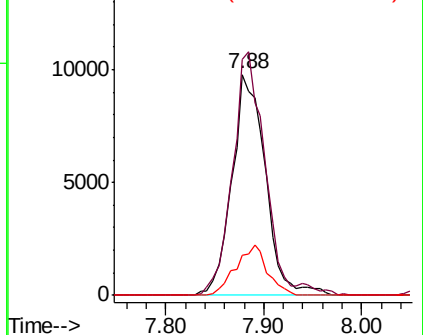
192 21.3 16.7 25.1



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: 9.732 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

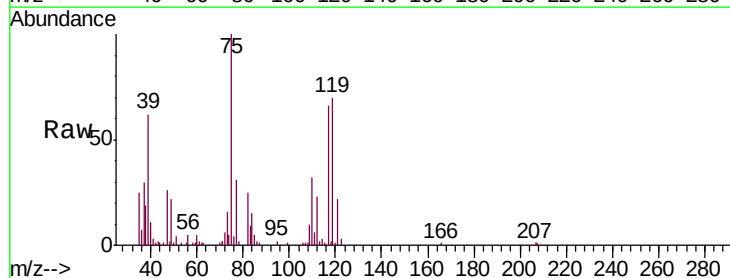
Tgt Ion: 75 Resp: 41364

Ion Ratio Lower Upper

75 100

110 34.9 17.3 51.9

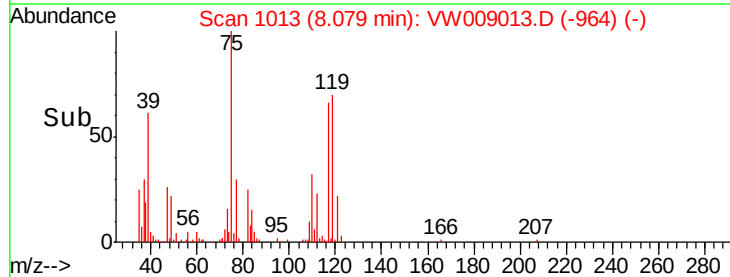
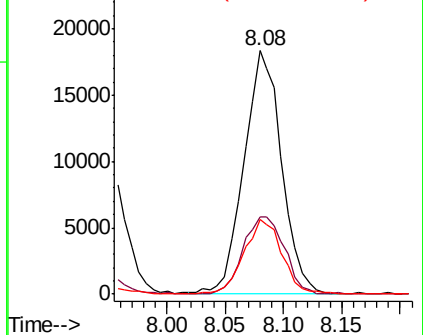
77 31.0 24.8 37.2

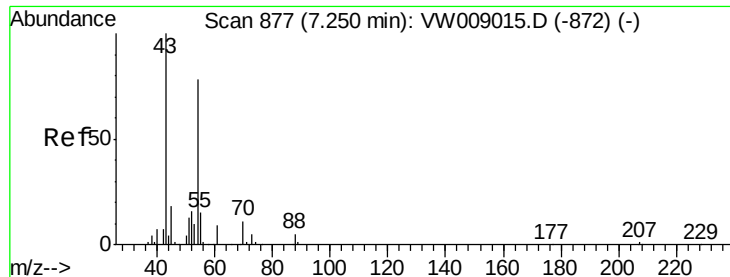


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

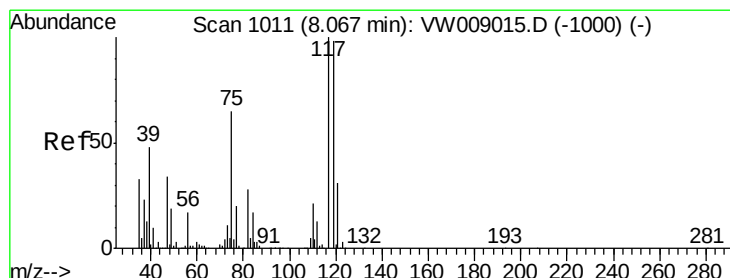
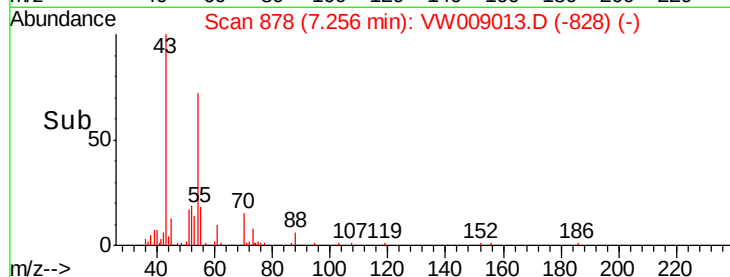
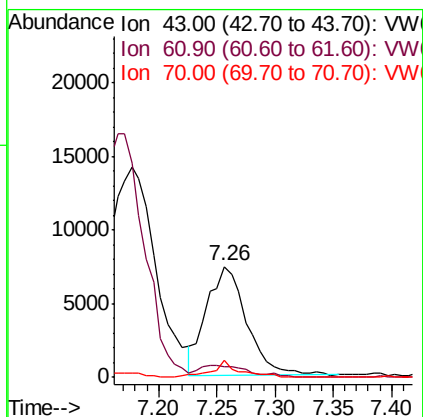
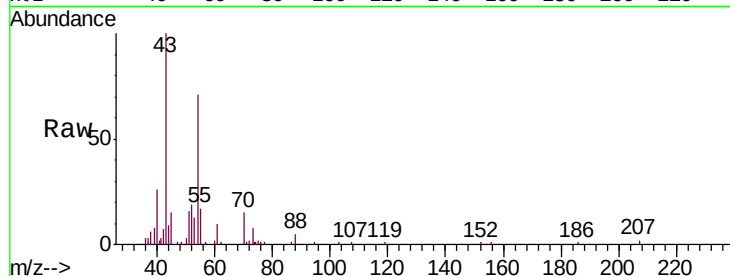




#37
Ethyl Acetate
Concen: 9.422 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

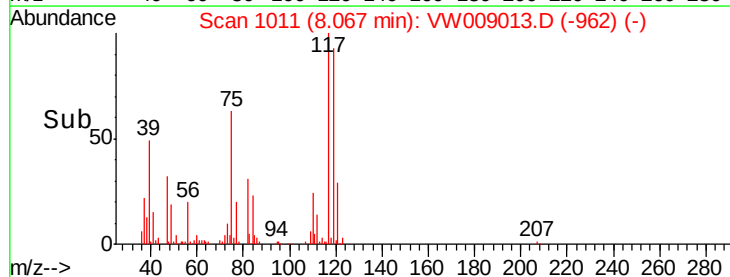
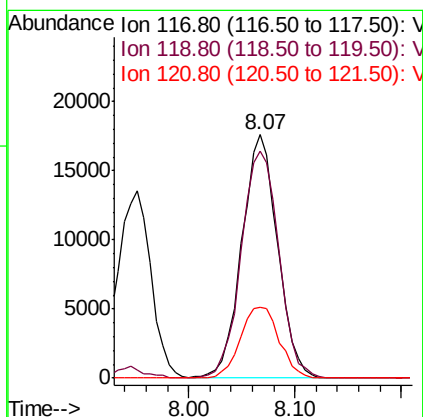
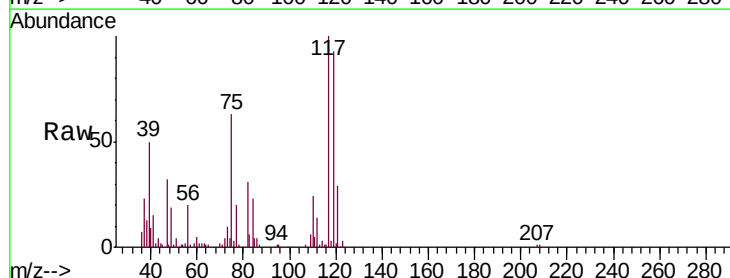
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

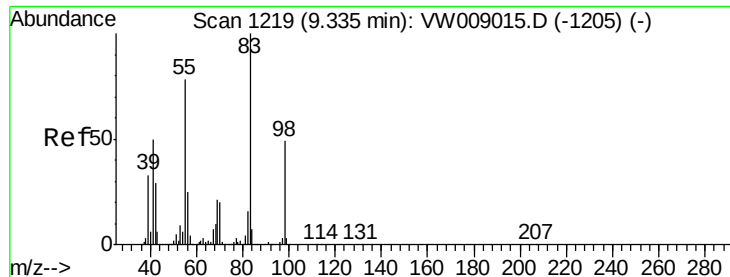
Tgt Ion: 43 Resp: 17713
Ion Ratio Lower Upper
43 100
61 13.7 10.6 15.8
70 9.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 9.481 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

Tgt Ion: 117 Resp: 41704
Ion Ratio Lower Upper
117 100
119 93.1 78.4 117.6
121 29.2 24.7 37.1

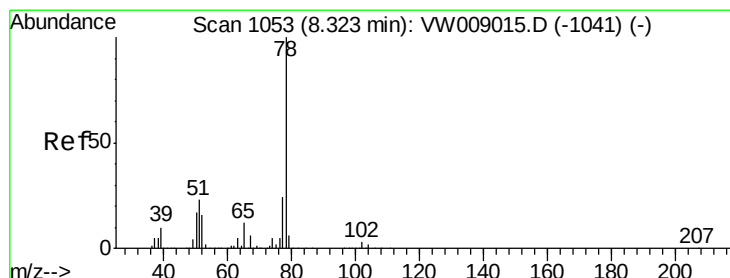
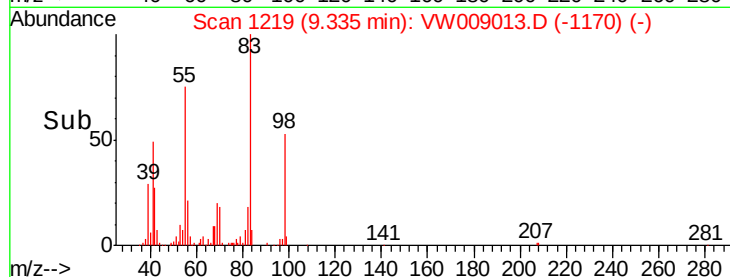
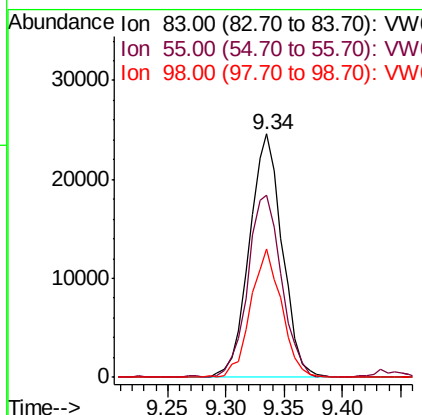
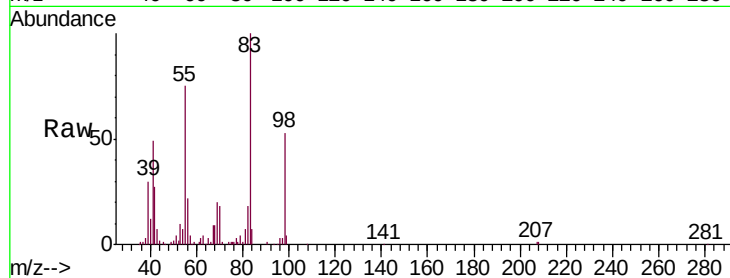




#39
Methylcyclohexane
Concen: 9.441 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

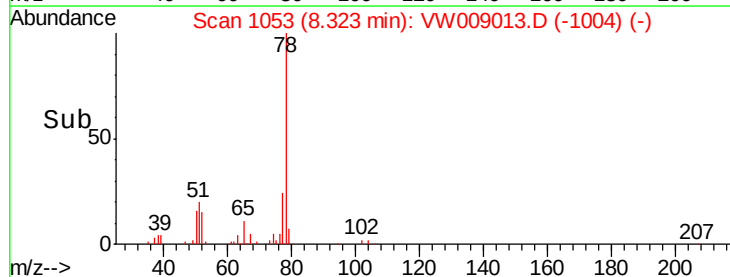
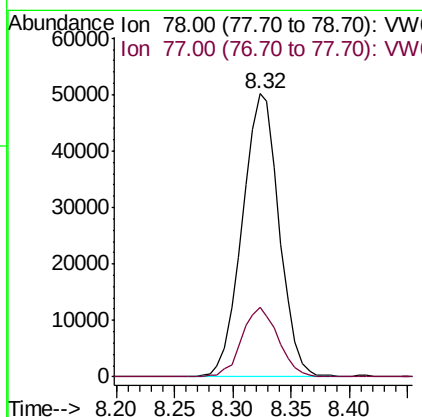
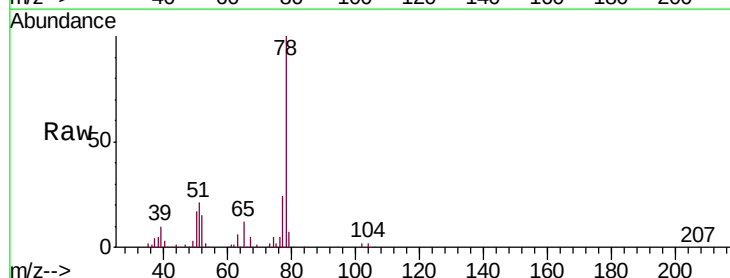
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

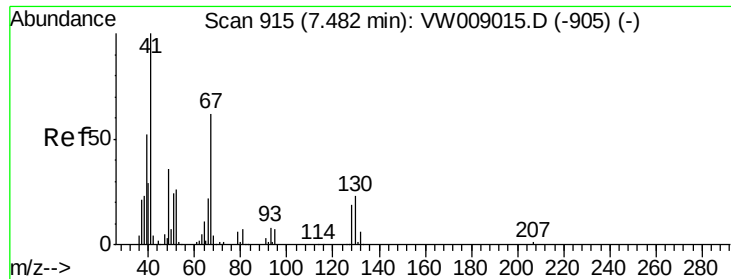
Tgt Ion: 83 Resp: 48474
Ion Ratio Lower Upper
83 100
55 74.7 62.6 93.8
98 52.5 39.4 59.2



#40
Benzene
Concen: 9.646 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

Tgt Ion: 78 Resp: 110589
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3

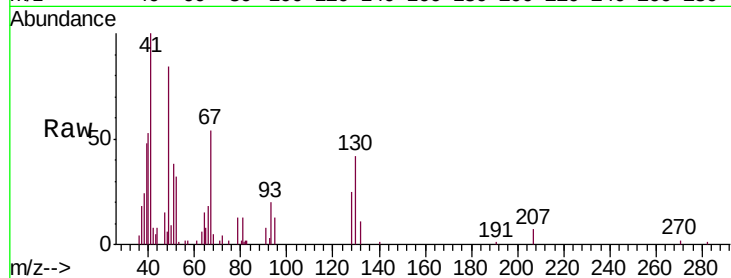




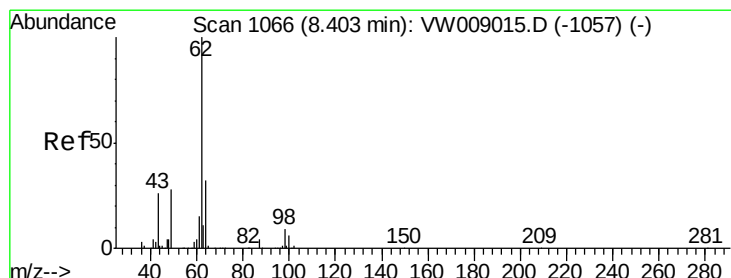
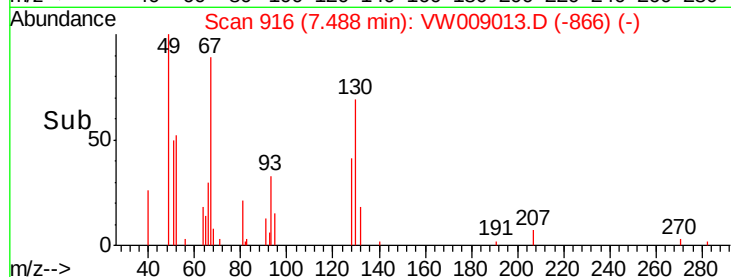
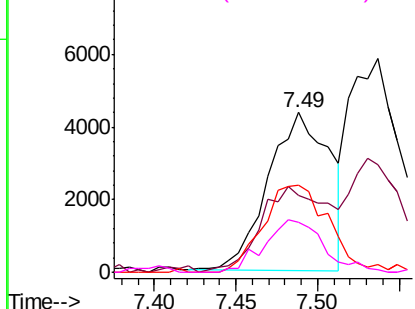
#41
Methacrylonitrile
Concen: 10.120 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:	41	Resp:	11285
Ion	Ratio	Lower	Upper
41	100		
39	60.0	50.6	75.8
67	60.0	59.0	88.6
52	32.0	26.6	39.8

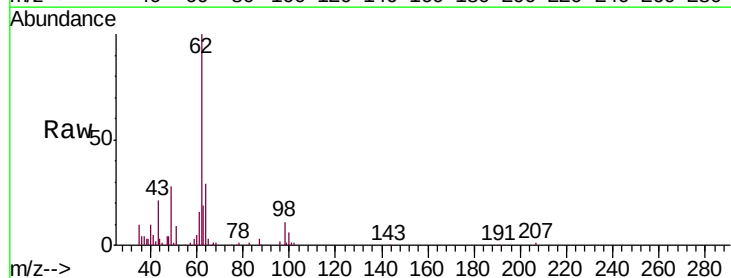


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

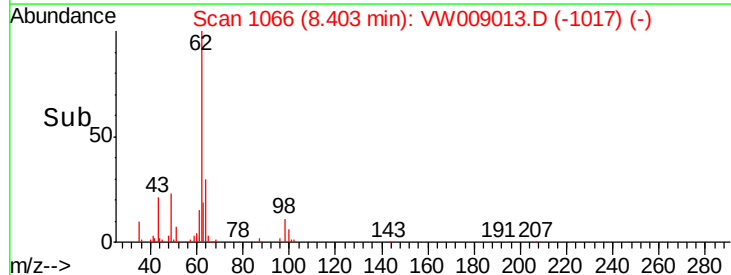
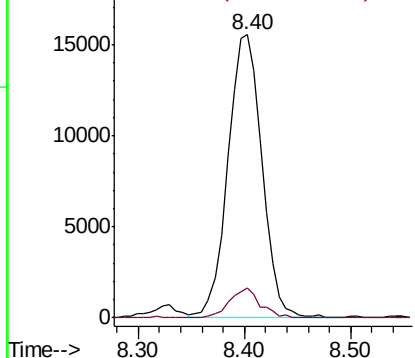


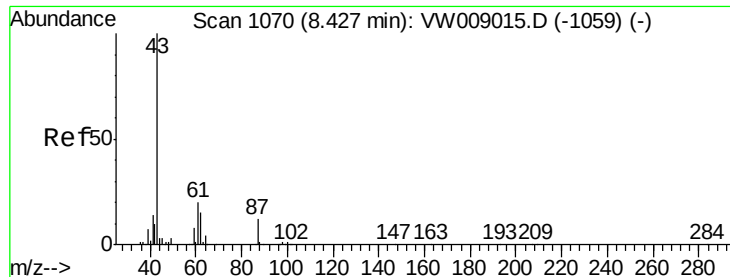
#42
1,2-Dichloroethane
Concen: 9.496 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

Tgt Ion:	62	Resp:	34940
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 9.111 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

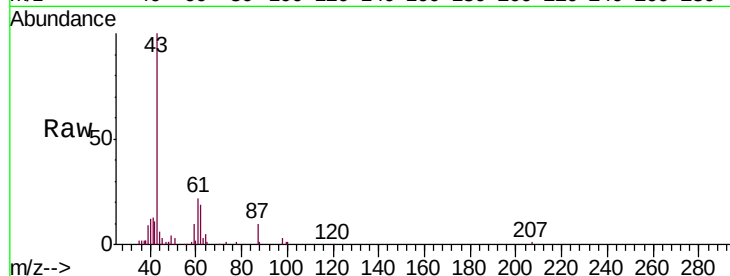
Tgt Ion: 43 Resp: 33673

Ion Ratio Lower Upper

43 100

61 30.8 23.5 35.3

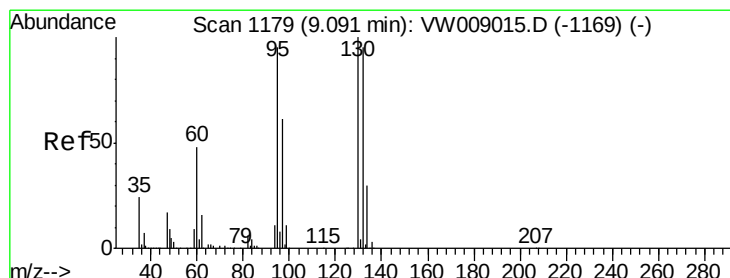
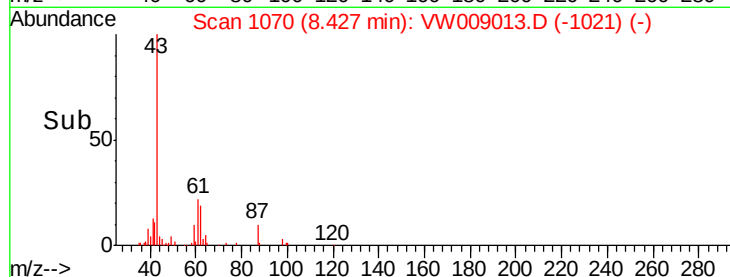
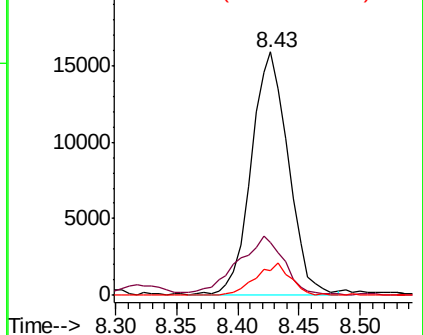
87 12.4 9.4 14.2



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: 9.724 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW009013.D

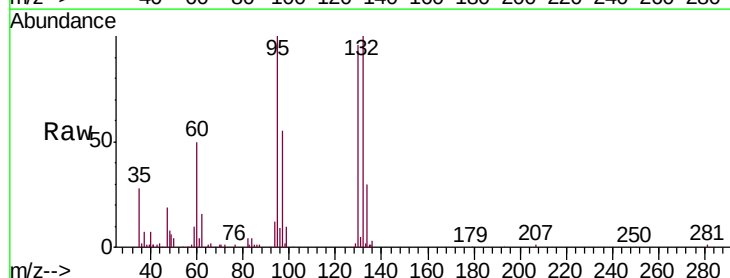
Acq: 06 Mar 2019 11:17

Tgt Ion: 130 Resp: 31084

Ion Ratio Lower Upper

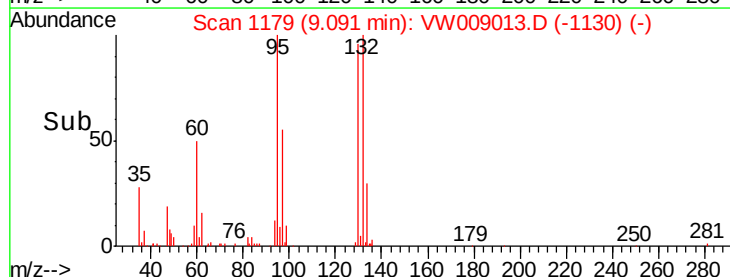
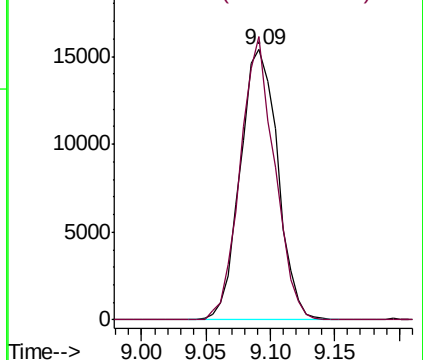
130 100

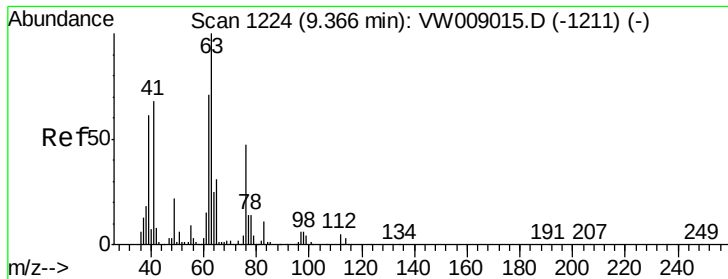
95 104.6 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 9.632 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

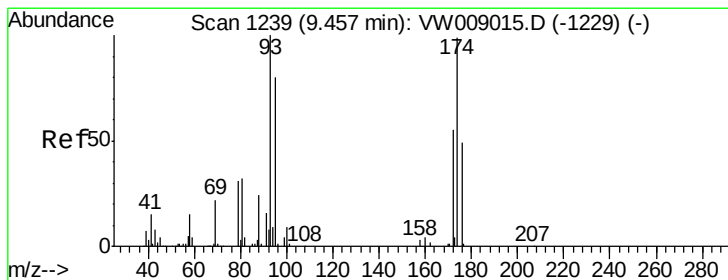
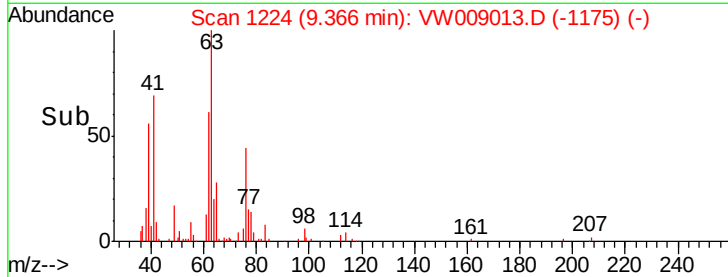
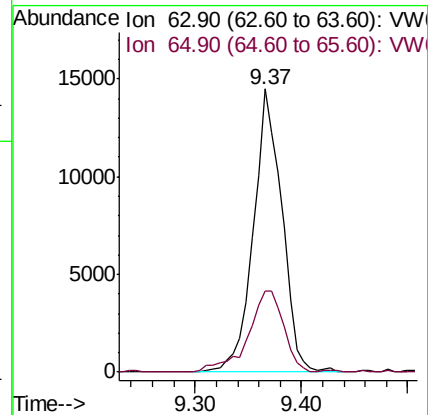
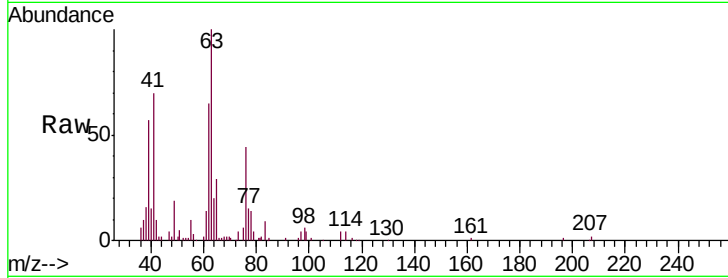
VSTDIC010

Tgt Ion: 63 Resp: 27376

Ion Ratio Lower Upper

63 100

65 28.7 25.0 37.4



#46

Dibromomethane

Concen: 9.244 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

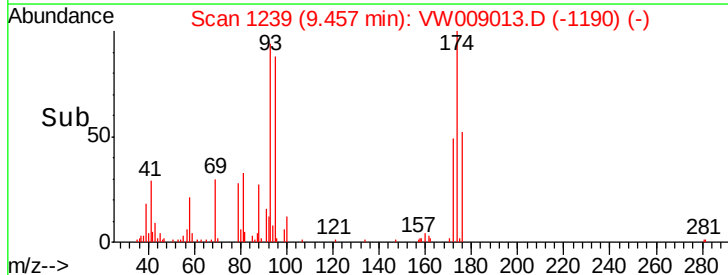
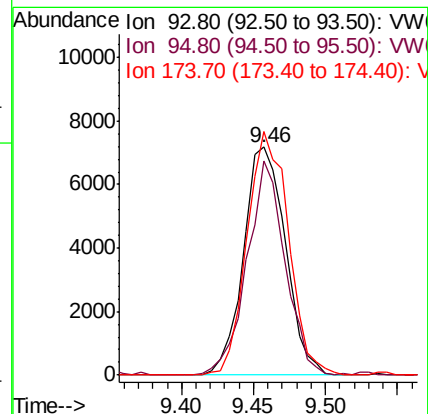
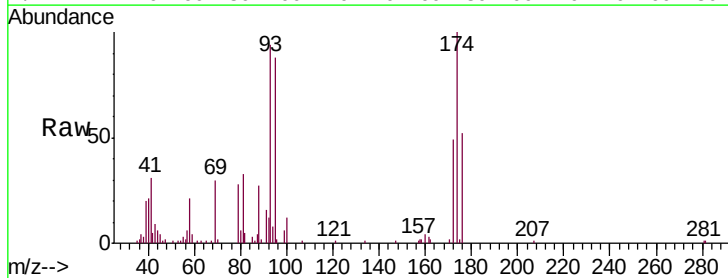
Tgt Ion: 93 Resp: 14494

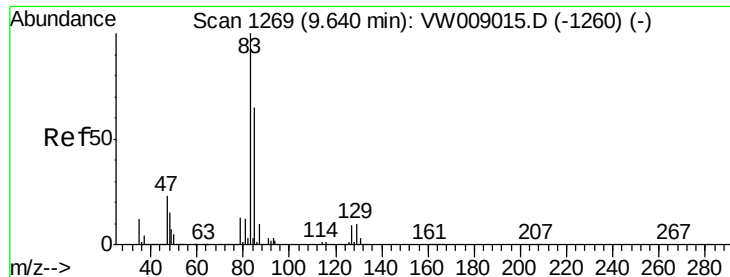
Ion Ratio Lower Upper

93 100

95 85.3 64.1 96.1

174 105.0 81.3 121.9





#47

Bromodichloromethane

Concen: 9.470 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

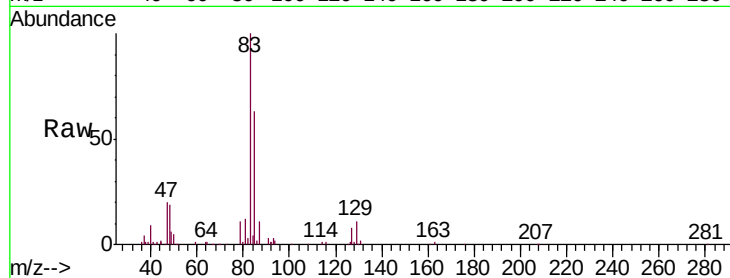
Tgt Ion: 83 Resp: 37223

Ion Ratio Lower Upper

83 100

85 63.3 51.9 77.9

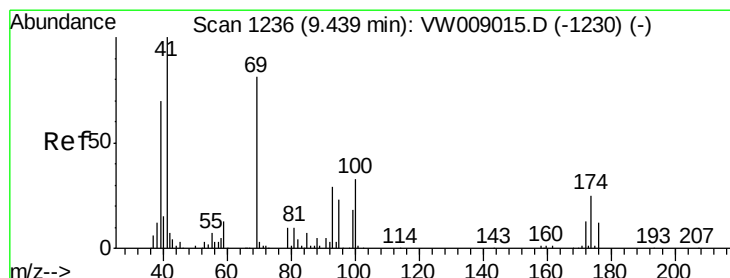
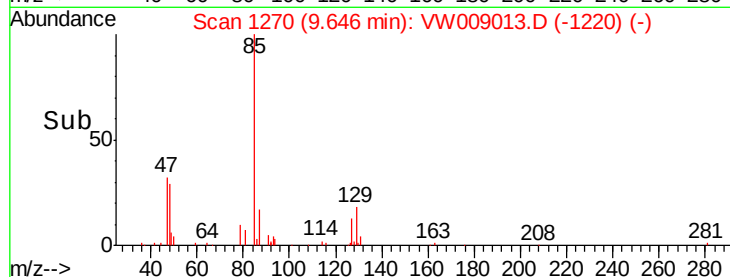
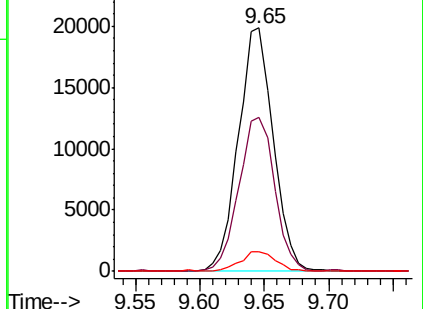
127 8.2 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 9.227 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

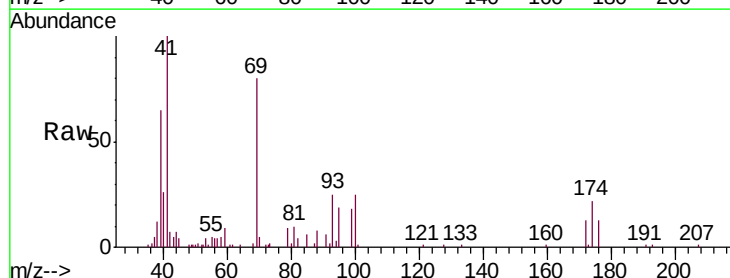
Tgt Ion: 41 Resp: 16113

Ion Ratio Lower Upper

41 100

69 81.1 61.8 92.6

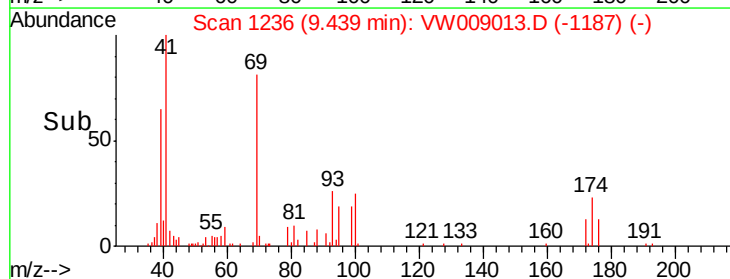
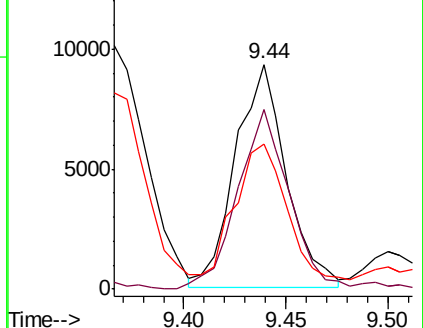
39 72.3 50.5 75.7

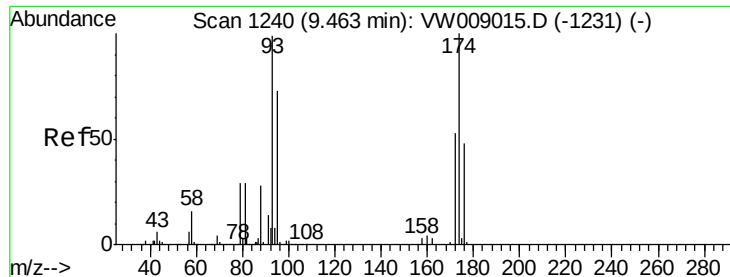


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 202.291 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

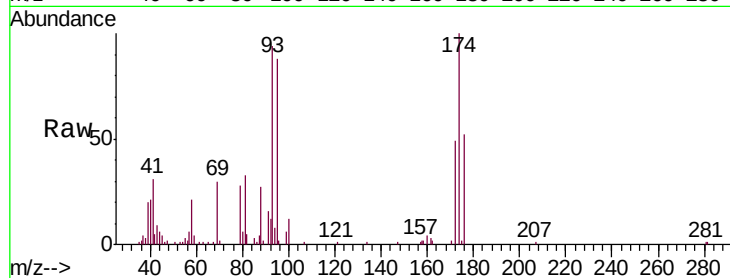
Tgt Ion: 88 Resp: 4336

Ion Ratio Lower Upper

88 100

43 41.7 0.0 0.0#

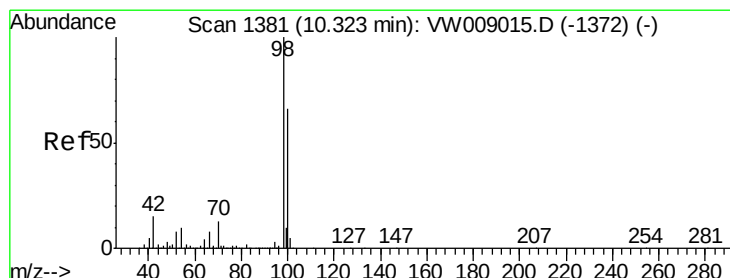
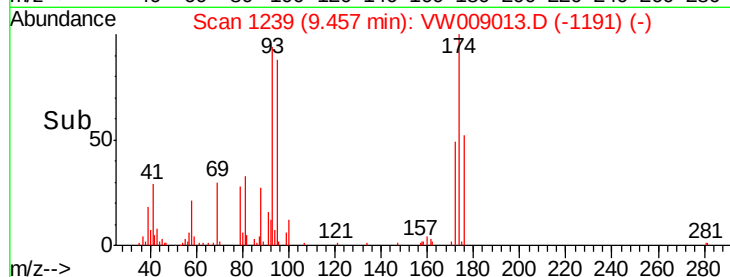
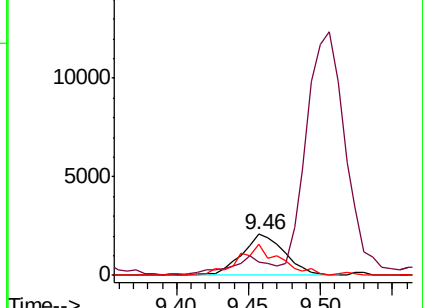
58 72.9 55.0 82.6



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: 9.587 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009013.D

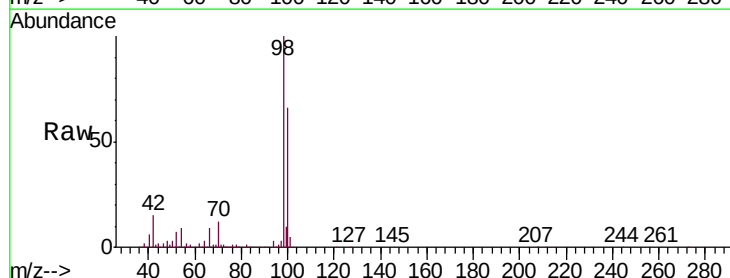
Acq: 06 Mar 2019 11:17

Tgt Ion: 98 Resp: 101379

Ion Ratio Lower Upper

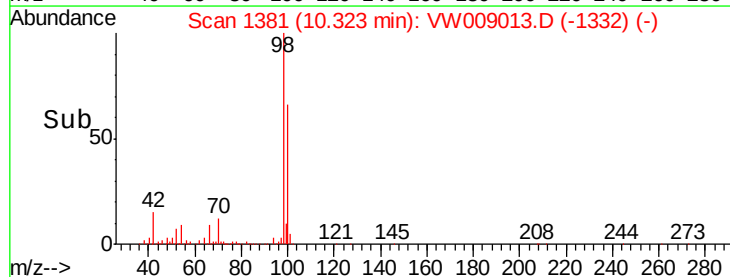
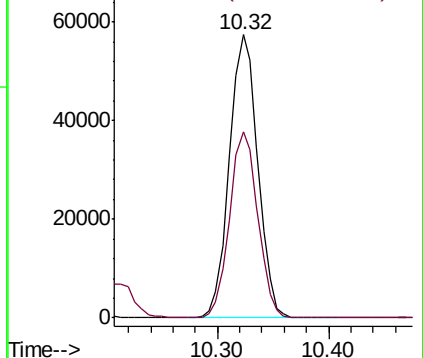
98 100

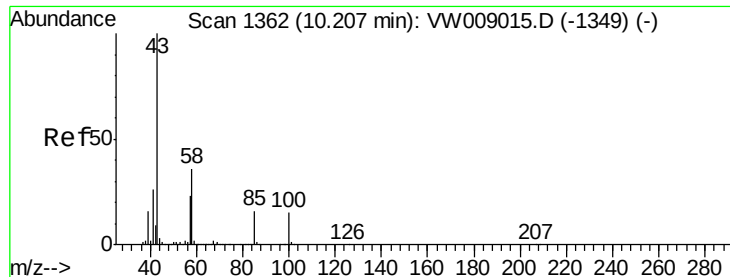
100 65.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

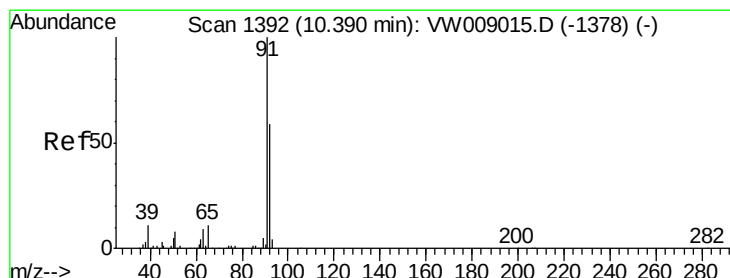
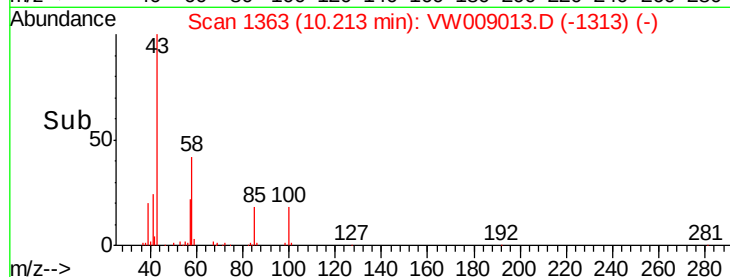
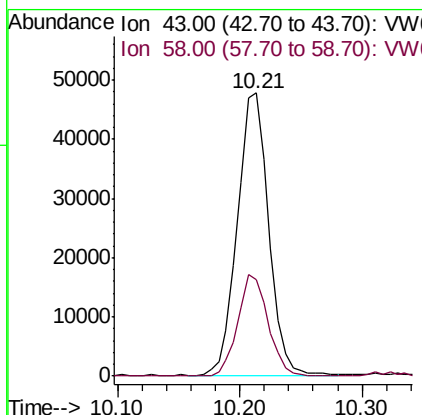
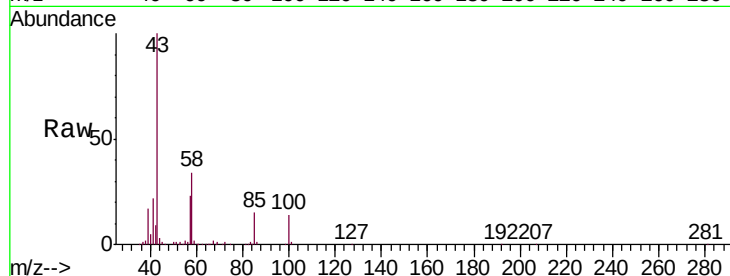




#51
4-Methyl-2-Pentanone
Concen: 45.286 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

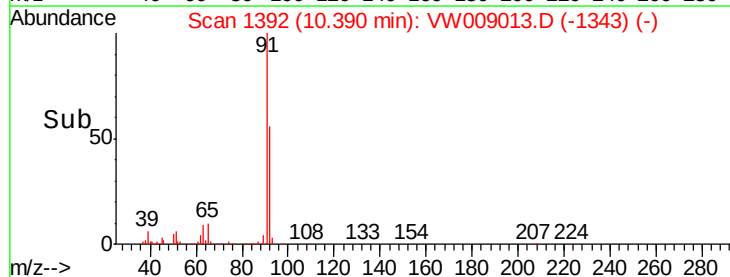
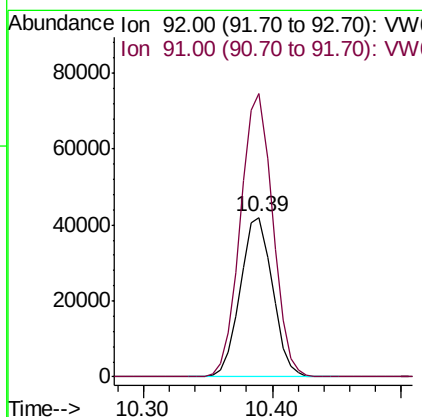
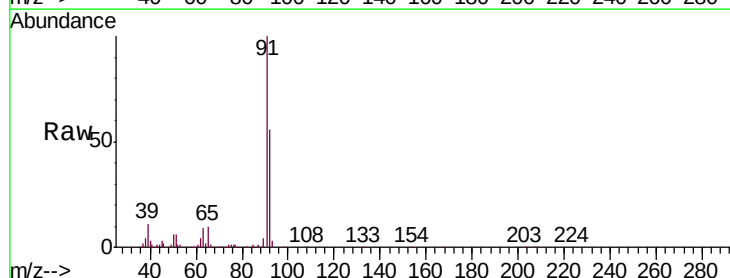
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

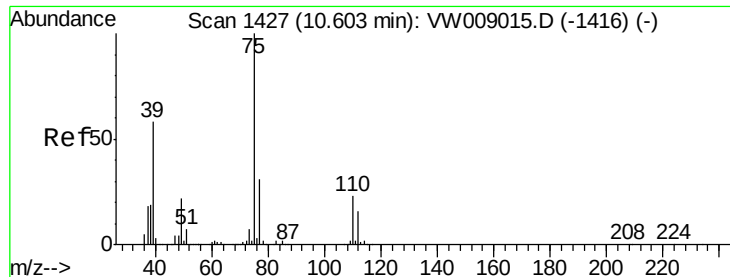
Tgt Ion: 43 Resp: 84634
Ion Ratio Lower Upper
43 100
58 35.0 29.0 43.4



#52
Toluene
Concen: 9.408 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

Tgt Ion: 92 Resp: 72810
Ion Ratio Lower Upper
92 100
91 178.1 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 8.872 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

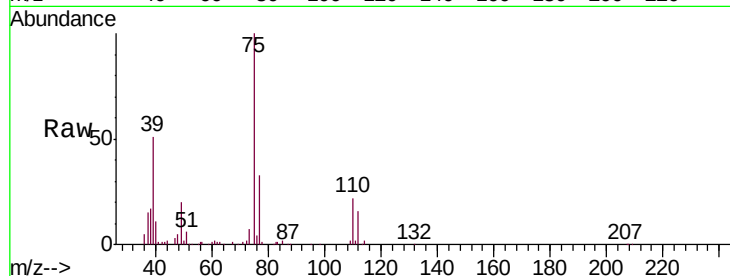
VSTDIC010

Tgt Ion: 75 Resp: 34593

Ion Ratio Lower Upper

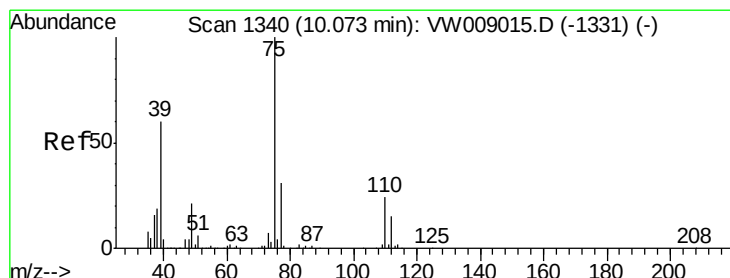
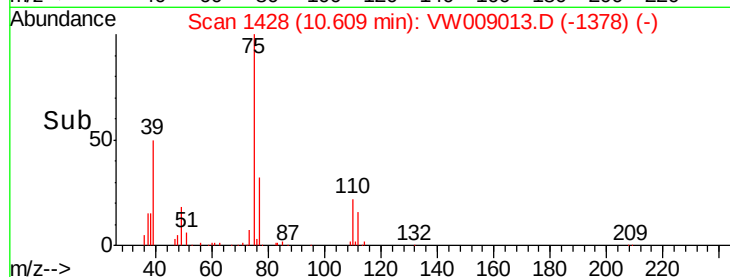
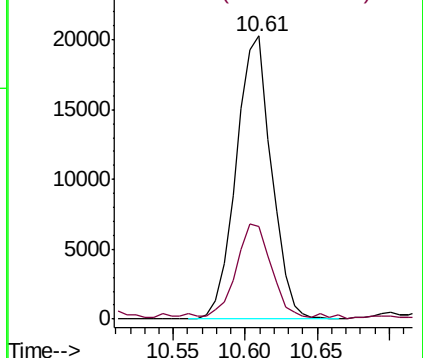
75 100

77 31.2 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 9.388 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

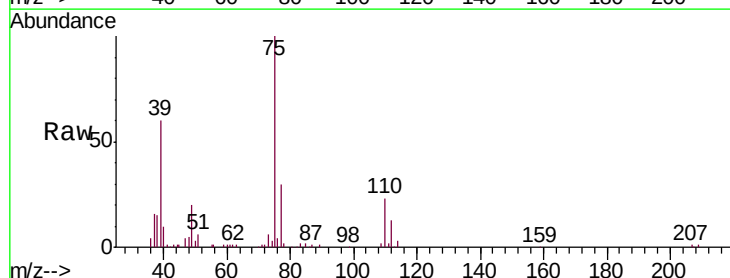
Tgt Ion: 75 Resp: 41790

Ion Ratio Lower Upper

75 100

77 29.8 25.0 37.4

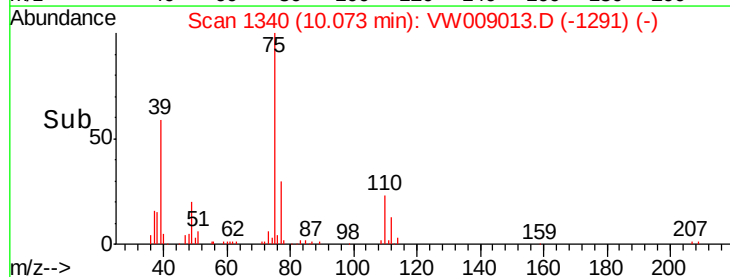
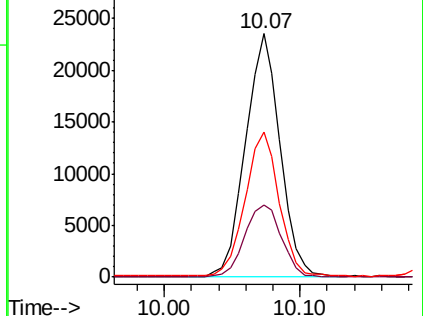
39 59.0 48.2 72.2

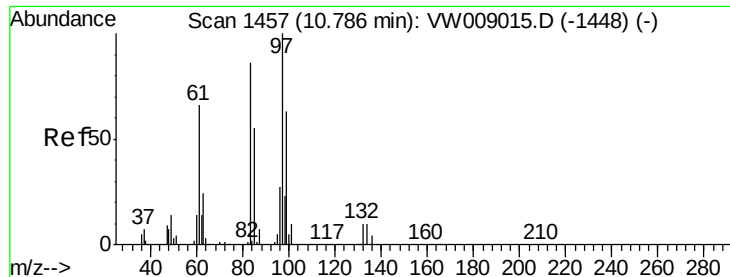


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

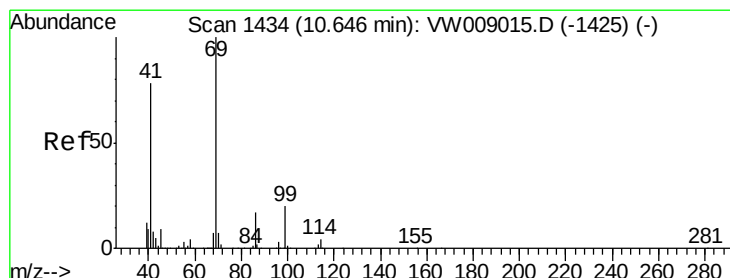
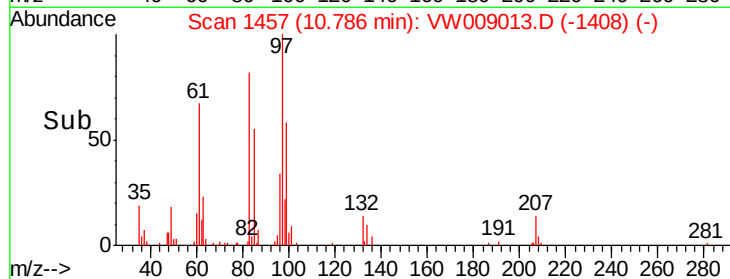
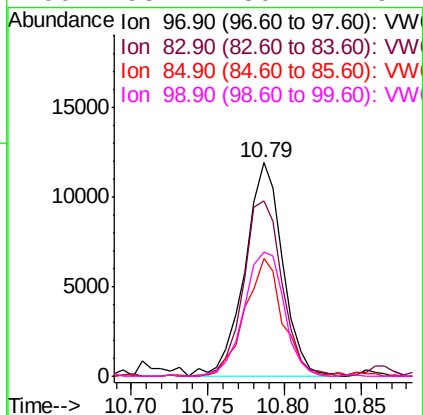
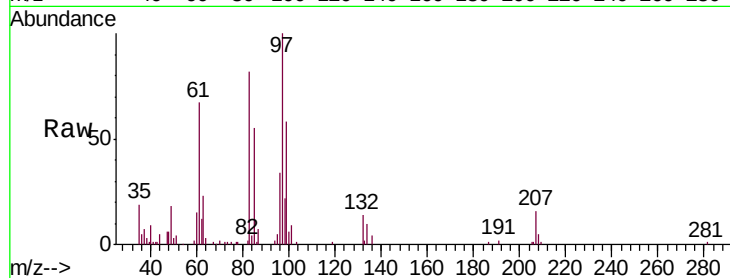




#55
 1,1,2-Trichloroethane
 Concen: 9.586 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW009013.D
 Acq: 06 Mar 2019 11:17

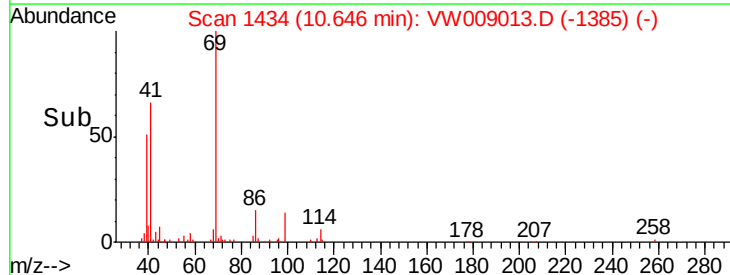
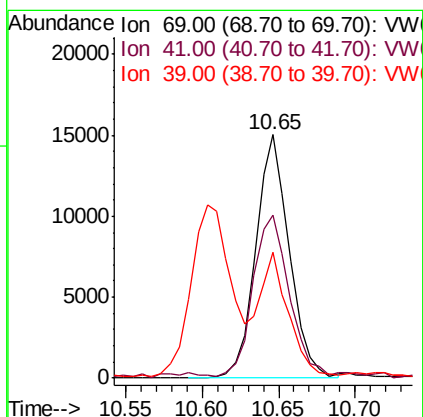
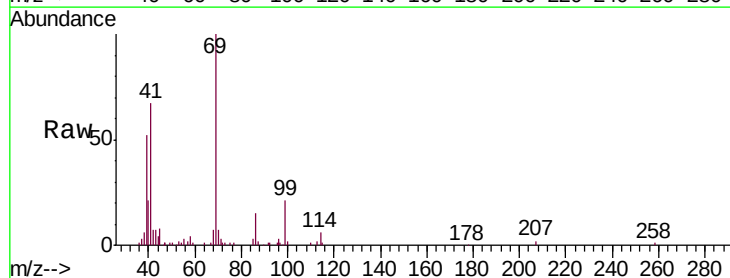
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

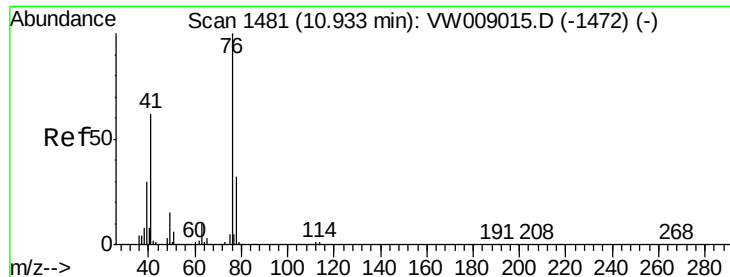
Tgt Ion:	97	Resp:	20415
Ion	Ratio	Lower	Upper
97	100		
83	82.0	68.8	103.2
85	54.9	43.7	65.5
99	58.4	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 8.698 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW009013.D
 Acq: 06 Mar 2019 11:17

Tgt Ion:	69	Resp:	22914
Ion	Ratio	Lower	Upper
69	100		
41	71.4	58.9	88.3
39	45.5	37.6	56.4





#57

1,3-Dichloropropane

Concen: 9.663 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

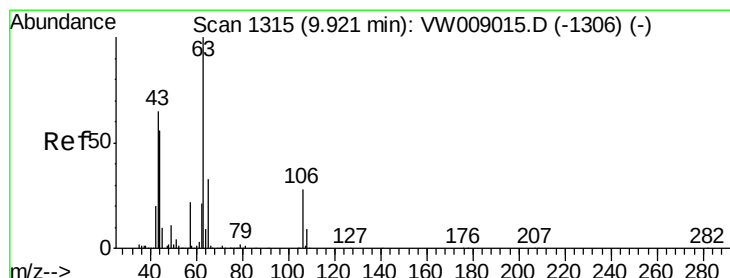
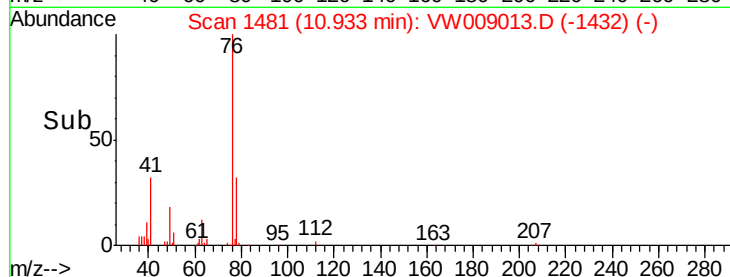
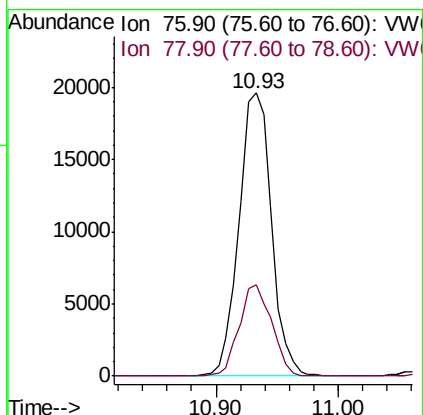
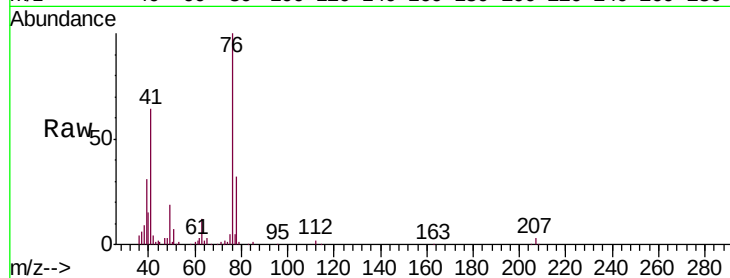
VSTDIC010

Tgt Ion: 76 Resp: 36186

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 44.991 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VW009013.D

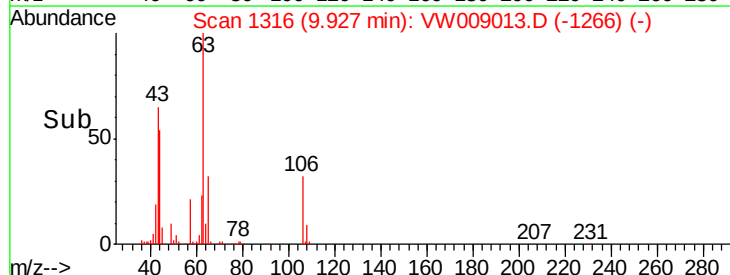
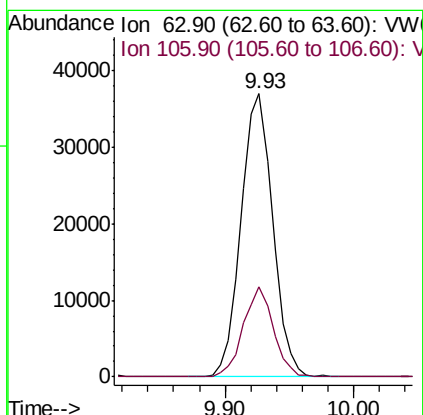
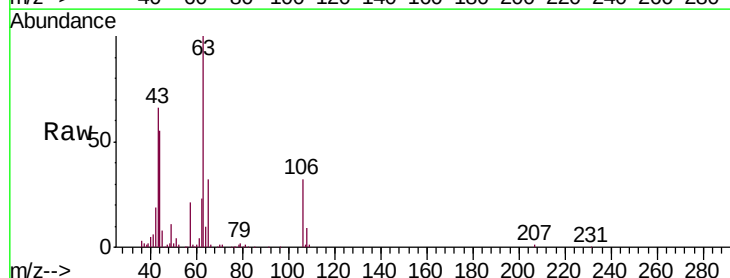
Acq: 06 Mar 2019 11:17

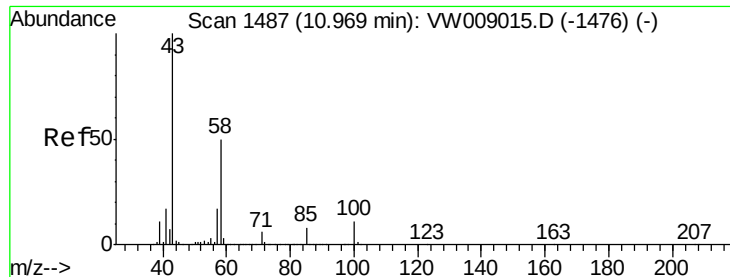
Tgt Ion: 63 Resp: 62889

Ion Ratio Lower Upper

63 100

106 30.4 23.0 34.6

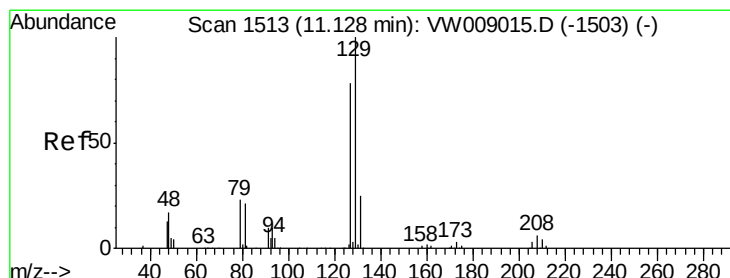
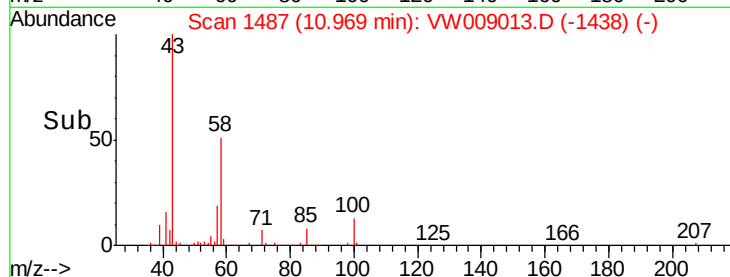
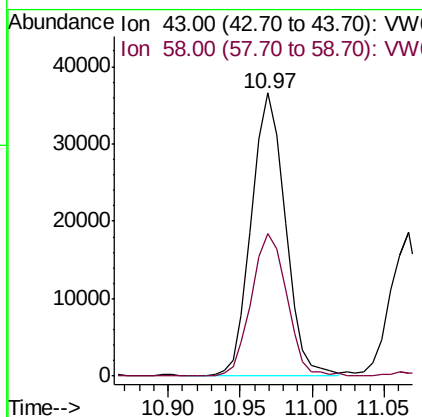
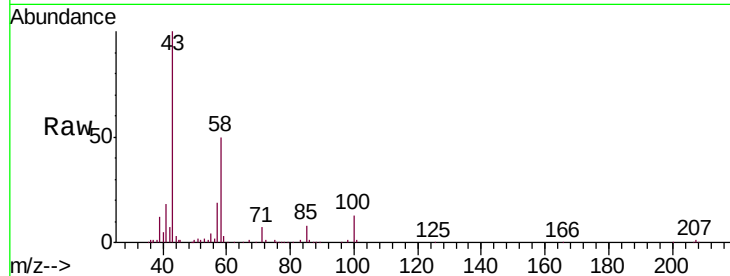




#59
2-Hexanone
Concen: 45.067 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

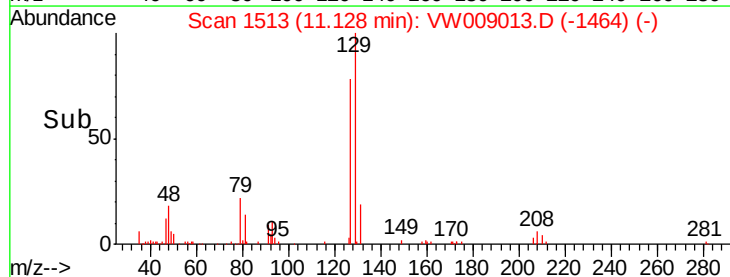
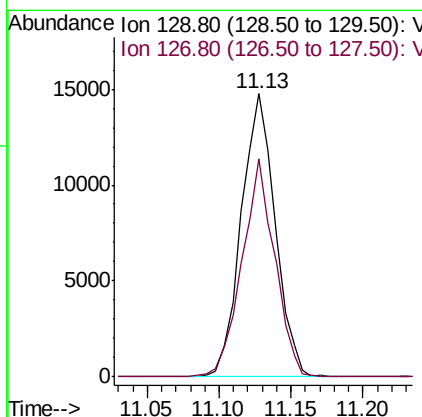
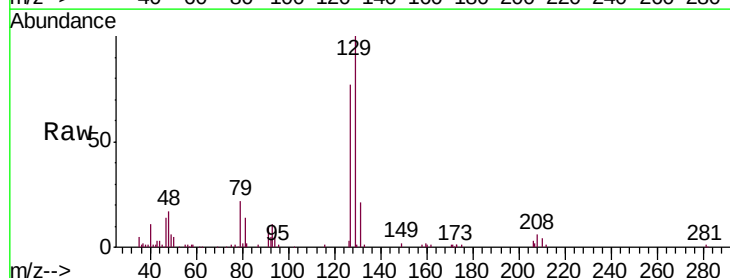
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

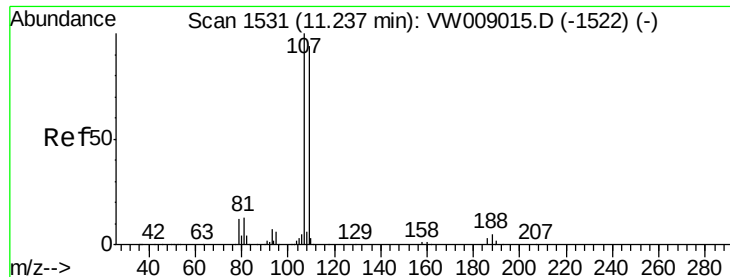
Tgt Ion: 43 Resp: 59211
Ion Ratio Lower Upper
43 100
58 53.0 25.3 75.8



#60
Dibromochloromethane
Concen: 9.277 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

Tgt Ion: 129 Resp: 23997
Ion Ratio Lower Upper
129 100
127 74.6 39.0 116.9





#61

1,2-Dibromoethane

Concen: 9.392 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

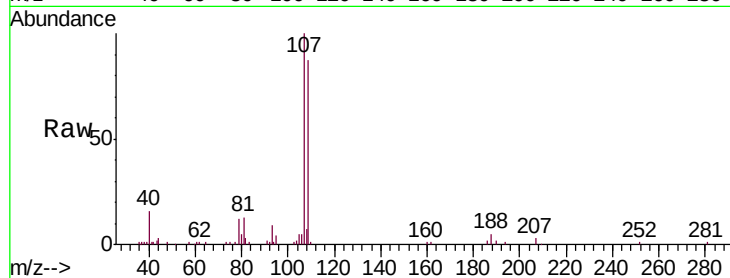
VSTDIC010

Tgt Ion: 107 Resp: 18958

Ion Ratio Lower Upper

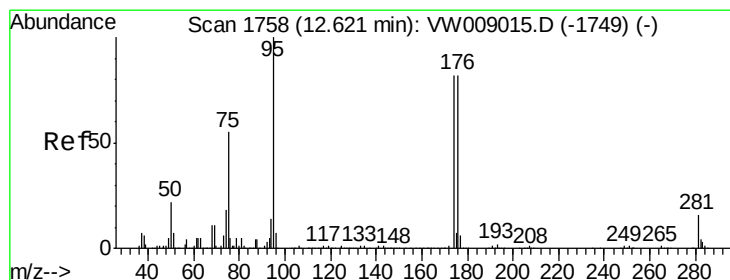
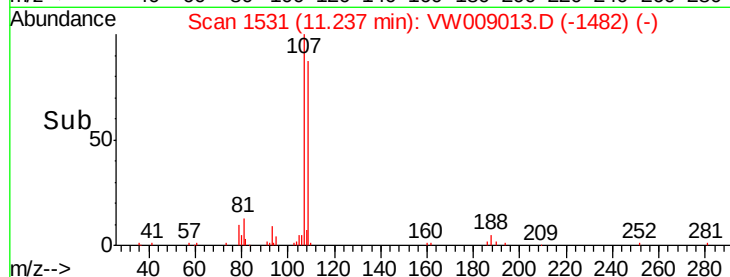
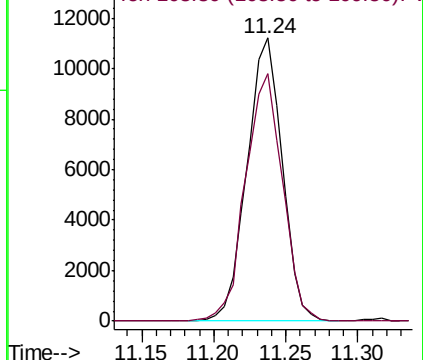
107 100

109 91.8 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 9.234 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

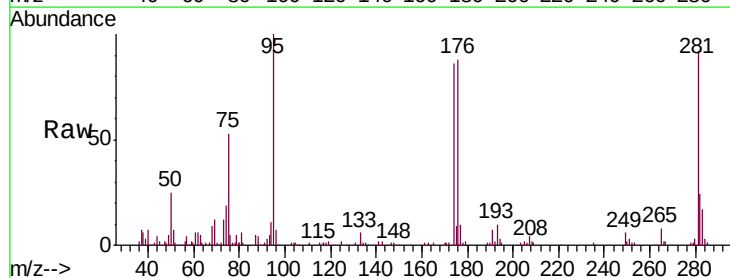
Tgt Ion: 95 Resp: 37711

Ion Ratio Lower Upper

95 100

174 85.4 0.0 165.8

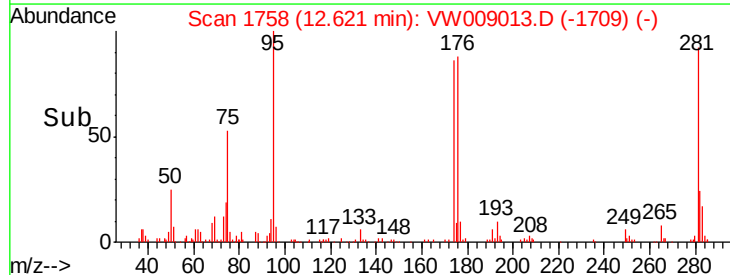
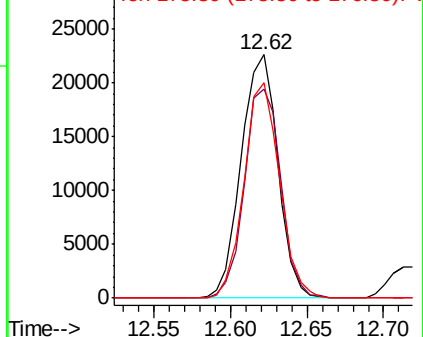
176 85.9 0.0 159.8

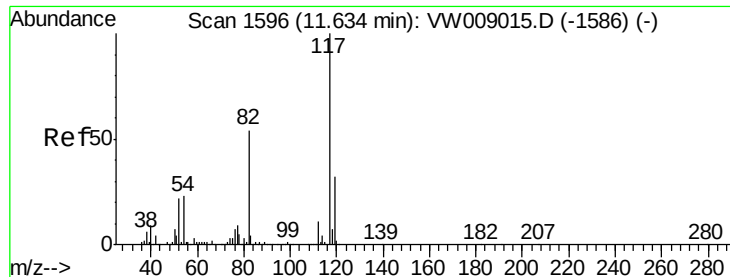


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

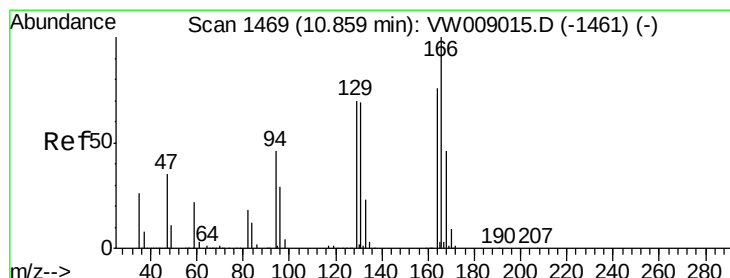
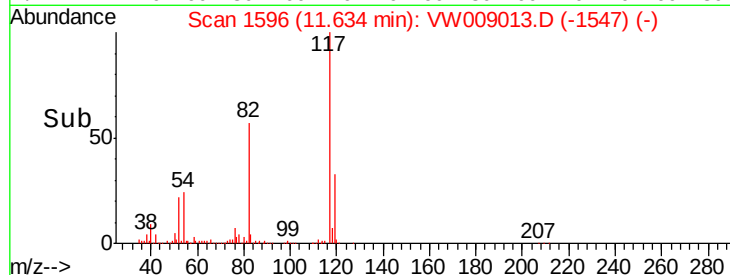
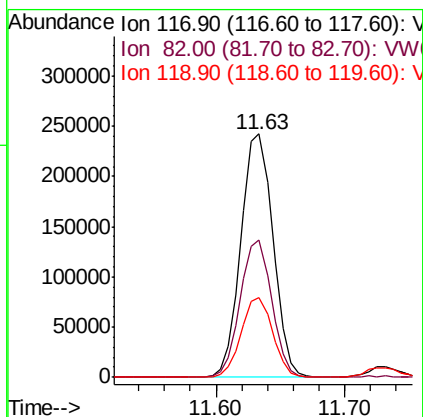
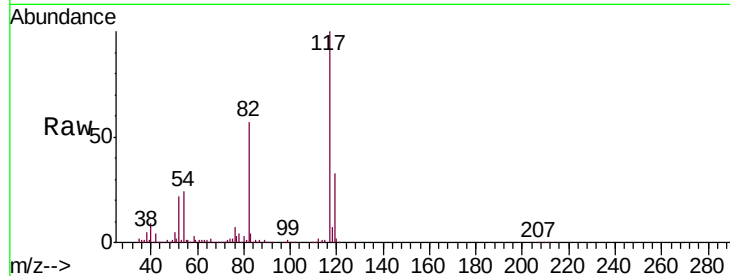




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

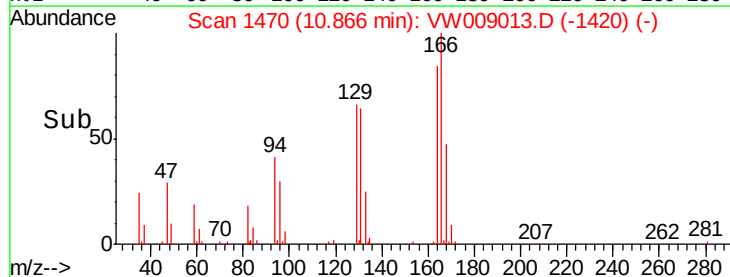
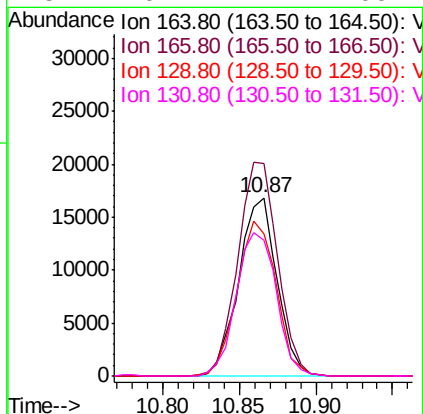
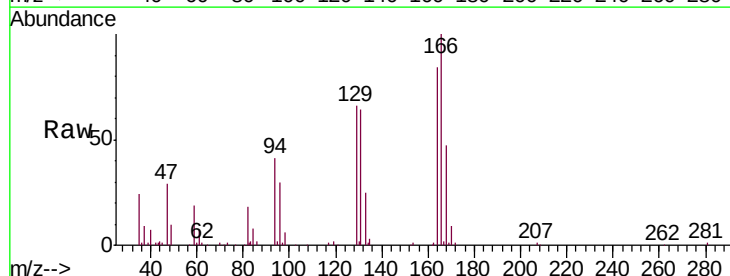
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

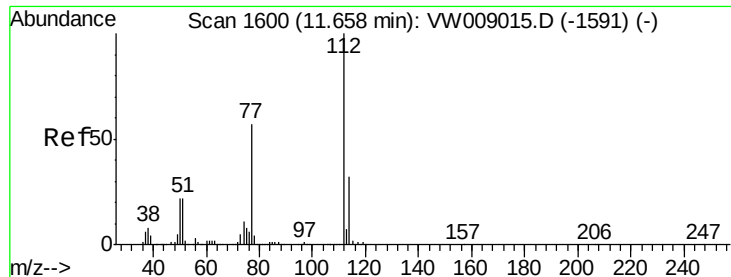
Tgt Ion:117 Resp: 418355
Ion Ratio Lower Upper
117 100
82 56.6 43.4 65.2
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 10.109 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

Tgt Ion:164 Resp: 29202
Ion Ratio Lower Upper
164 100
166 119.7 104.6 157.0
129 79.5 73.4 110.2
131 76.1 72.7 109.1

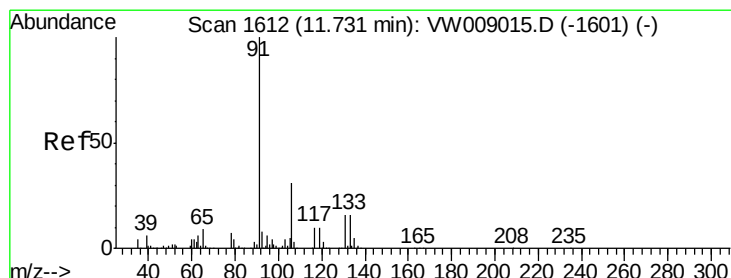
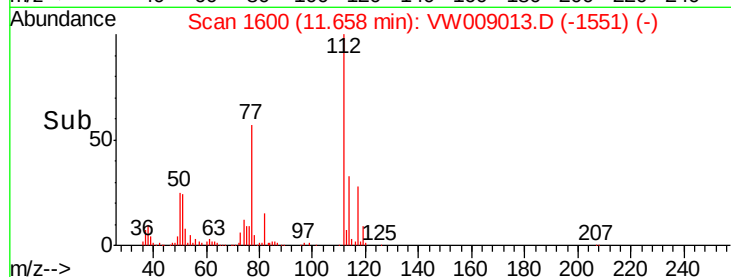
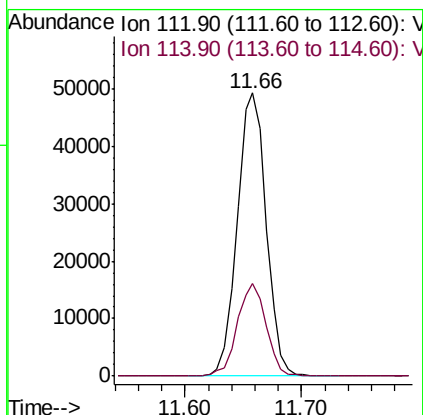
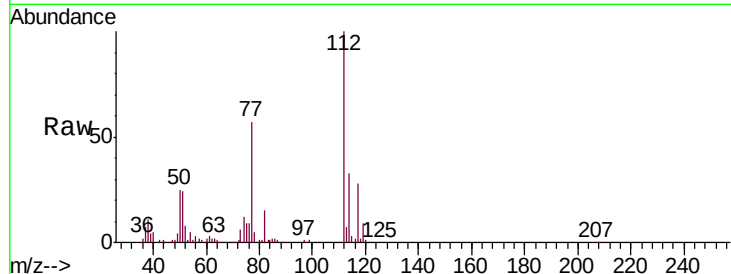




#65
Chlorobenzene
Concen: 9.792 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

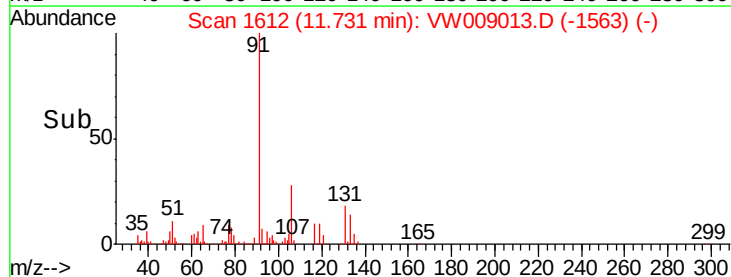
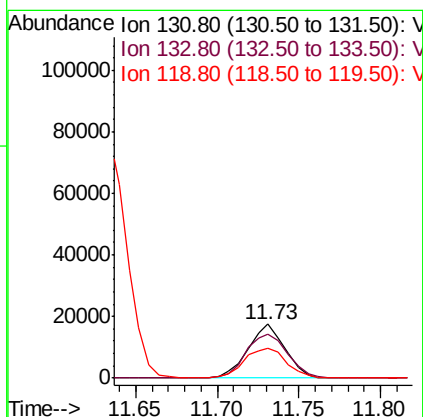
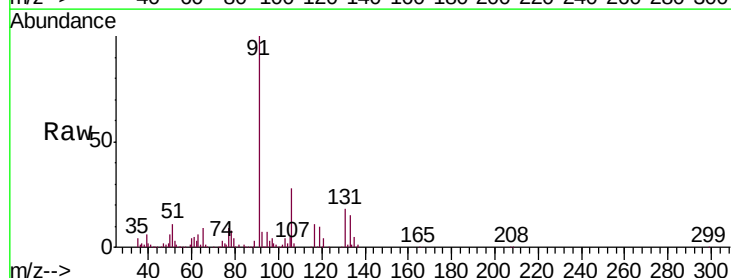
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

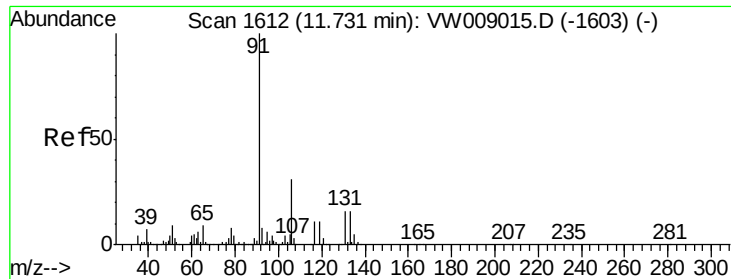
Tgt Ion:112 Resp: 85027
Ion Ratio Lower Upper
112 100
114 32.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 9.413 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

Tgt Ion:131 Resp: 27450
Ion Ratio Lower Upper
131 100
133 93.3 48.1 144.3
119 64.2 31.1 93.5

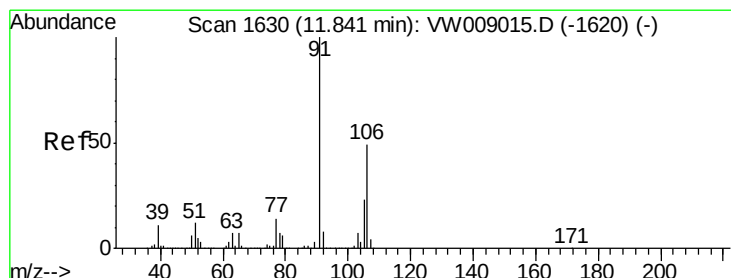
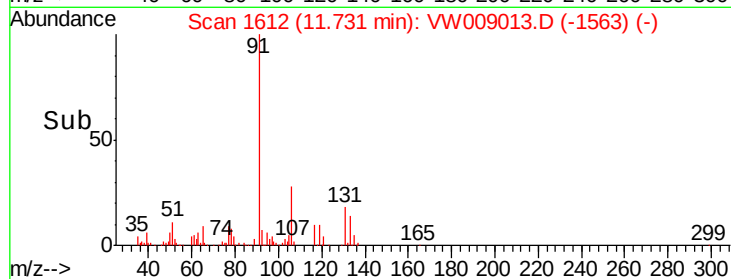
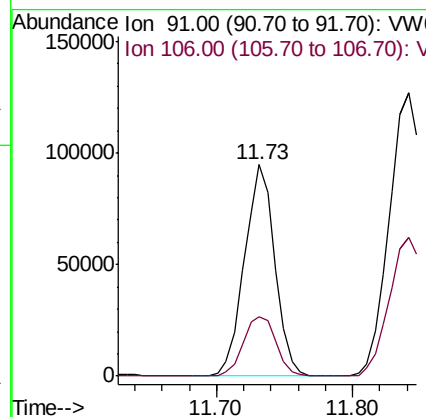
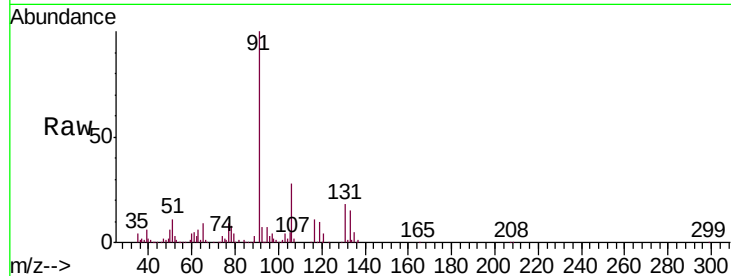




#67
Ethyl Benzene
Concen: 9.409 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

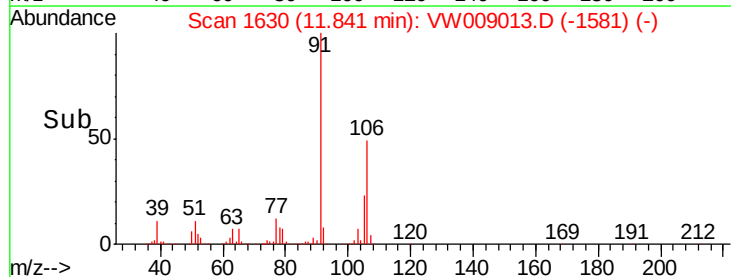
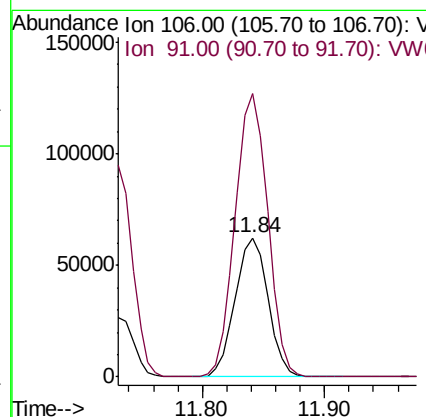
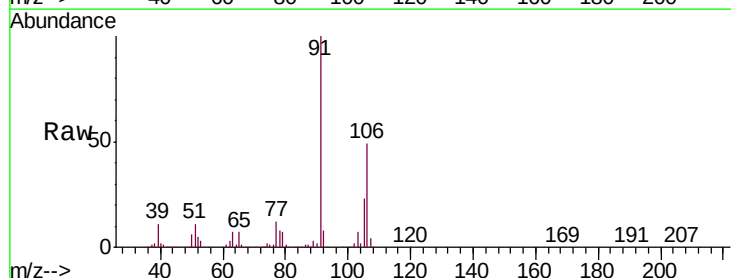
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

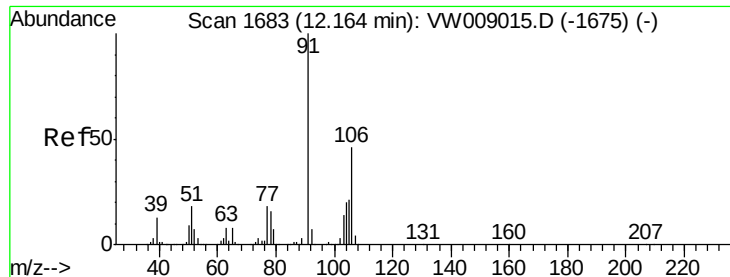
Tgt Ion: 91 Resp: 148143
Ion Ratio Lower Upper
91 100
106 28.0 25.2 37.8



#68
m/p-Xylenes
Concen: 18.710 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

Tgt Ion: 106 Resp: 116236
Ion Ratio Lower Upper
106 100
91 202.4 162.9 244.3

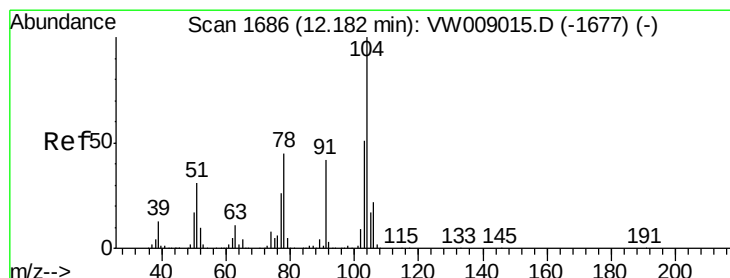
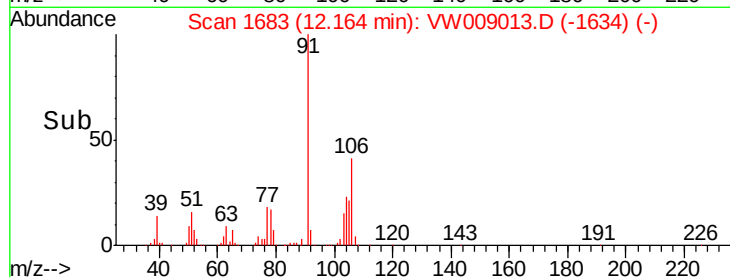
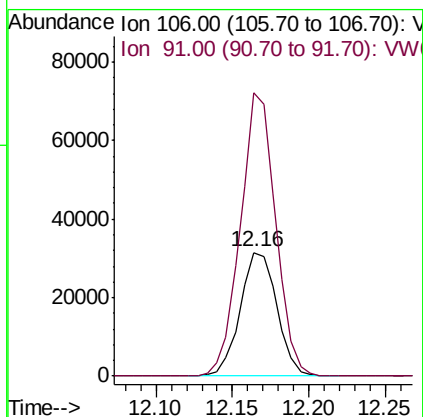
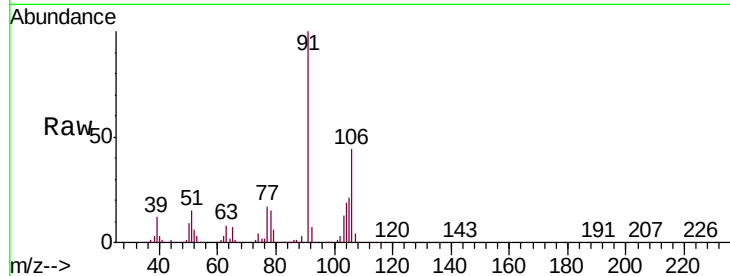




#69
o-Xylene
Concen: 9.068 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

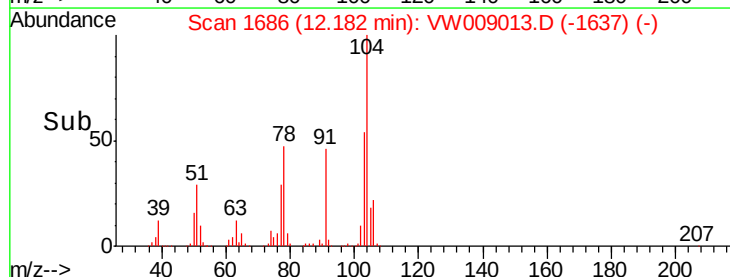
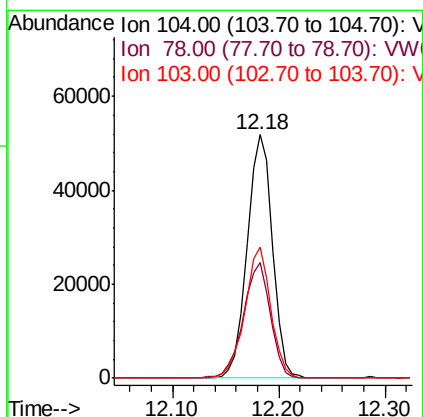
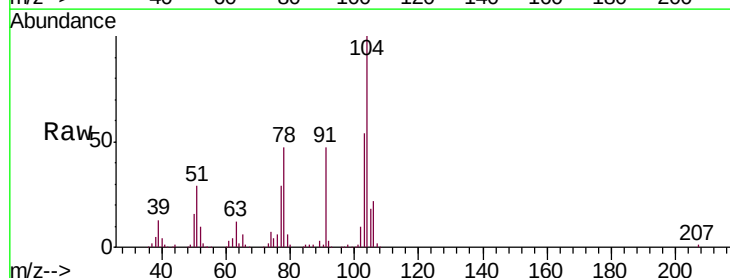
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

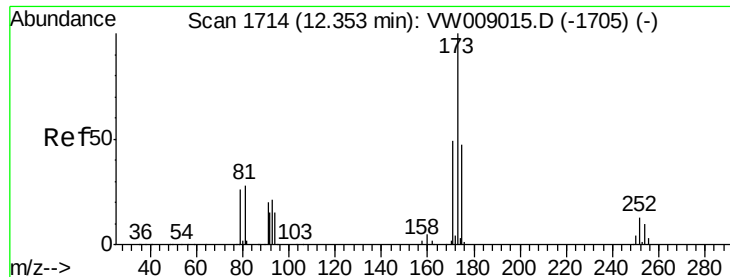
Tgt Ion:106 Resp: 52591
Ion Ratio Lower Upper
106 100
91 219.6 107.4 322.2



#70
Styrene
Concen: 9.223 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

Tgt Ion:104 Resp: 86653
Ion Ratio Lower Upper
104 100
78 51.0 41.9 62.9
103 55.4 44.9 67.3





#71

Bromoform

Concen: 9.026 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

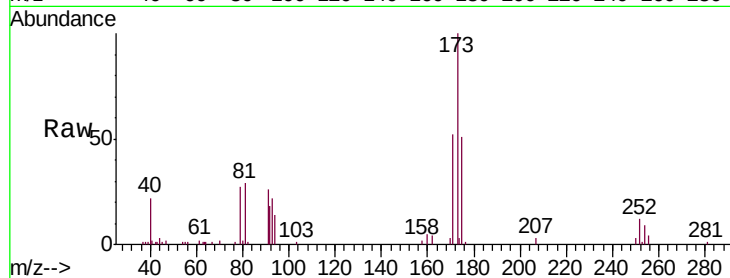
Tgt Ion:173 Resp: 14025

Ion Ratio Lower Upper

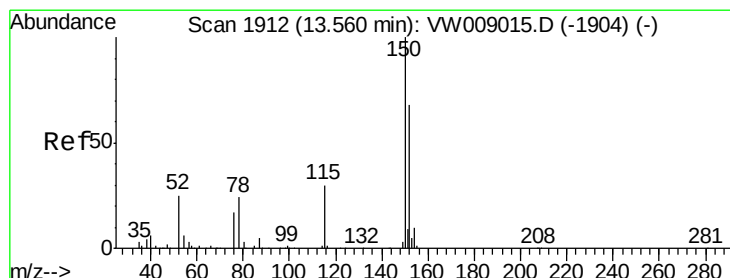
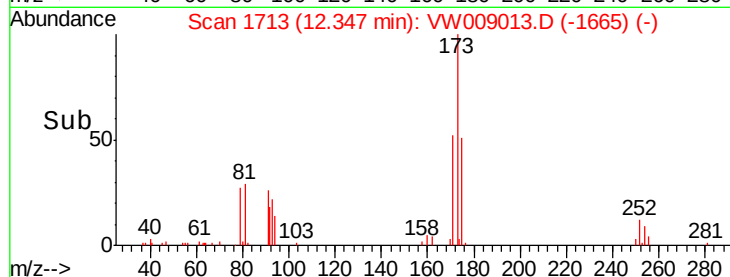
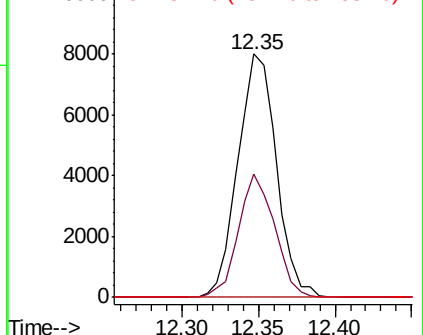
173 100

175 47.7 23.3 69.9

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: VW009013.D

Acq: 06 Mar 2019 11:17

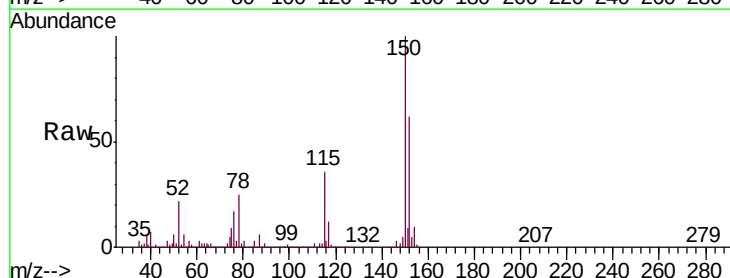
Tgt Ion:152 Resp: 228919

Ion Ratio Lower Upper

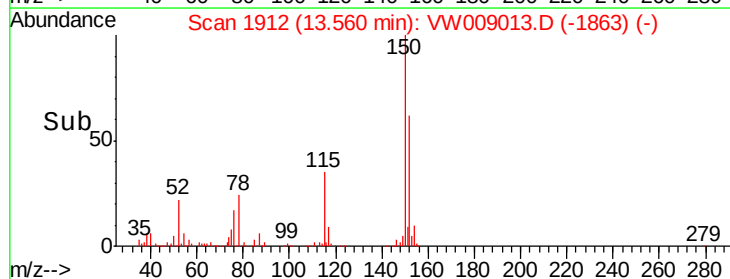
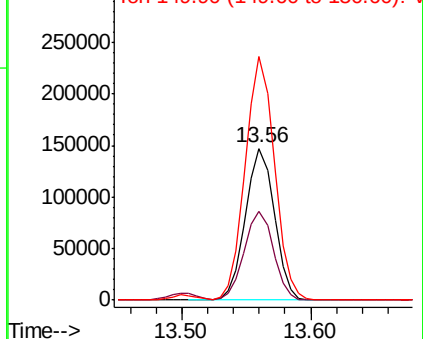
152 100

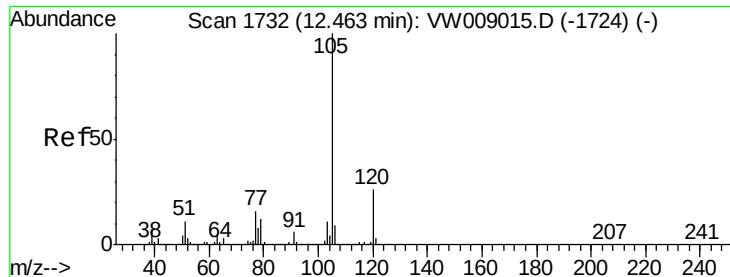
115 58.9 29.3 87.8

150 161.5 0.0 348.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 9.295 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

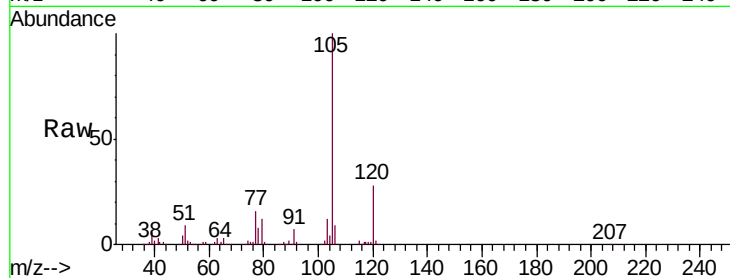
VSTDIC010

Tgt Ion: 105 Resp: 145646

Ion Ratio Lower Upper

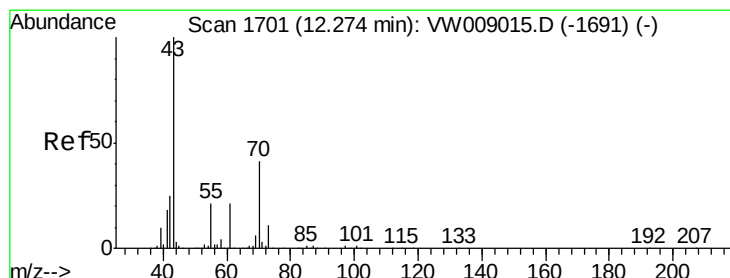
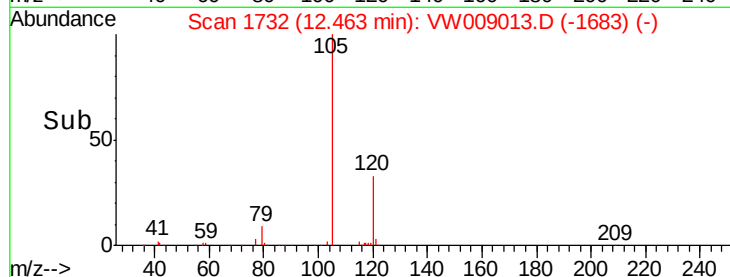
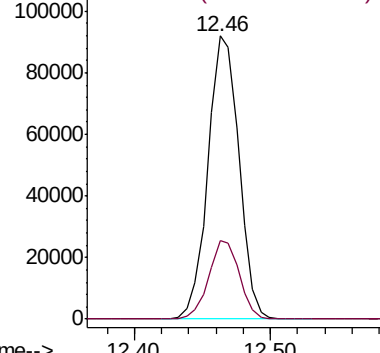
105 100

120 27.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 8.854 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Tgt Ion: 43 Resp: 33030

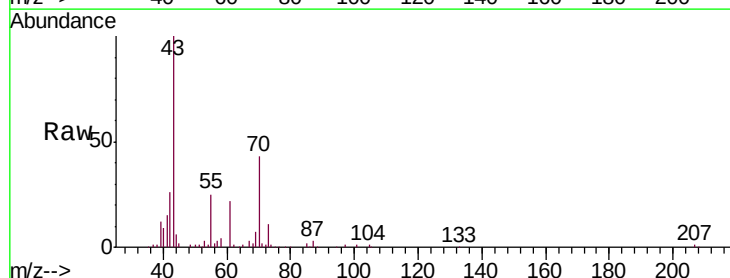
Ion Ratio Lower Upper

43 100

70 39.1 31.2 46.8

55 23.6 18.0 27.0

61 23.0 17.3 25.9

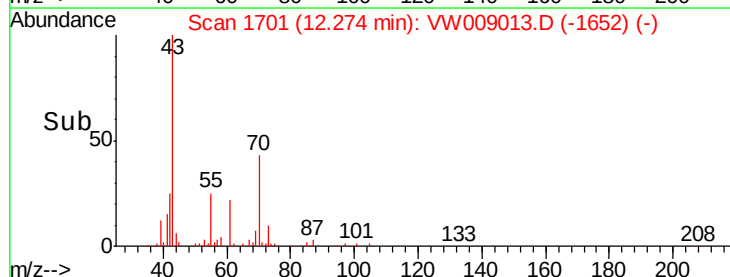
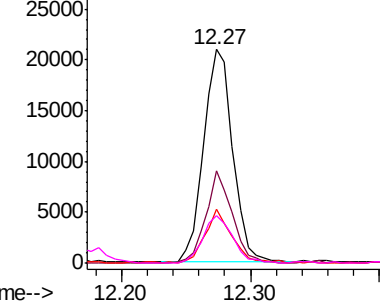


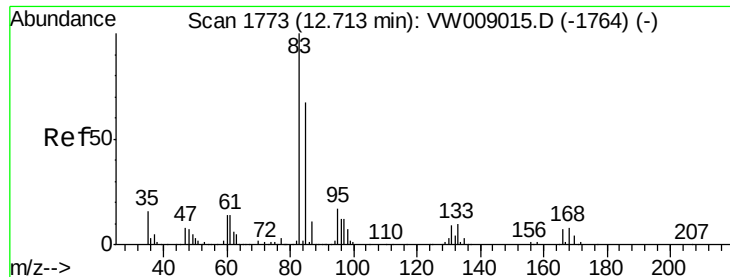
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

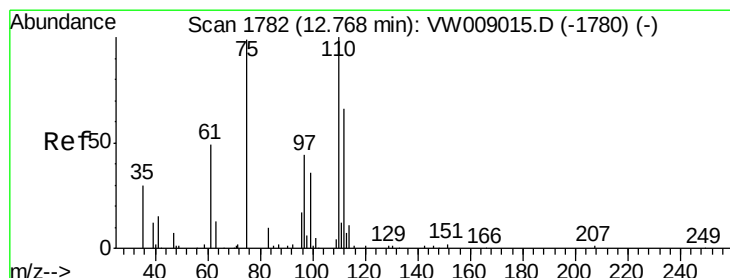
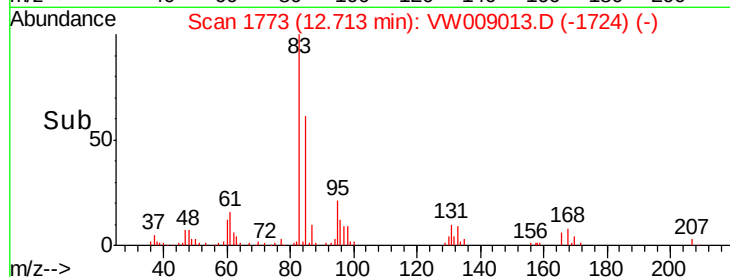
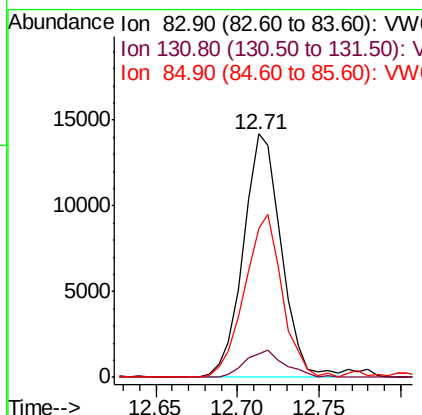
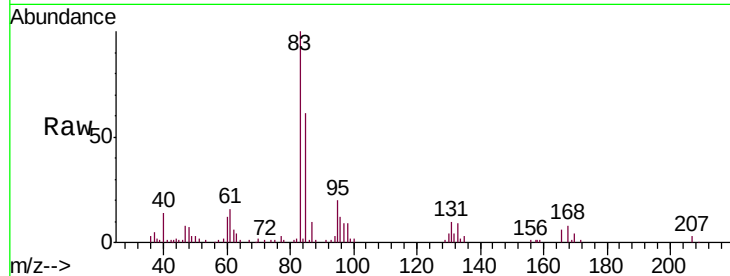




#75
 1,1,2,2-Tetrachloroethane
 Concen: 9.437 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: VW009013.D
 Acq: 06 Mar 2019 11:17

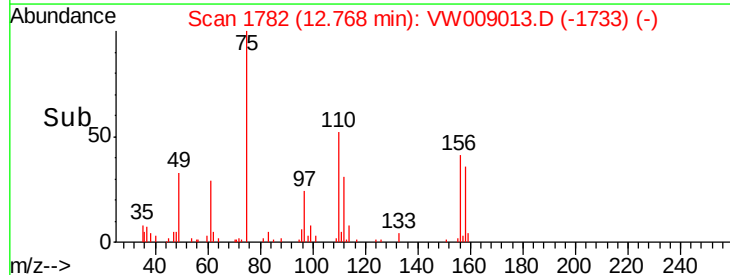
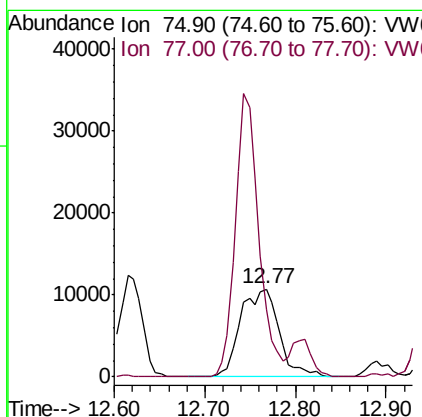
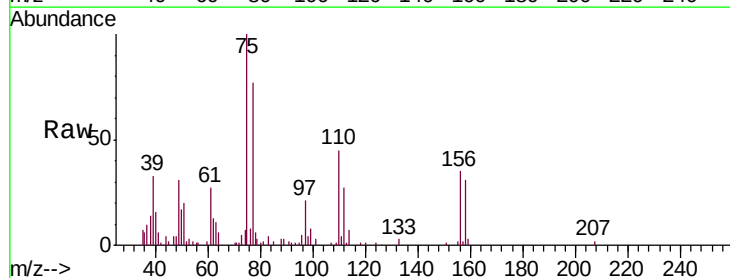
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

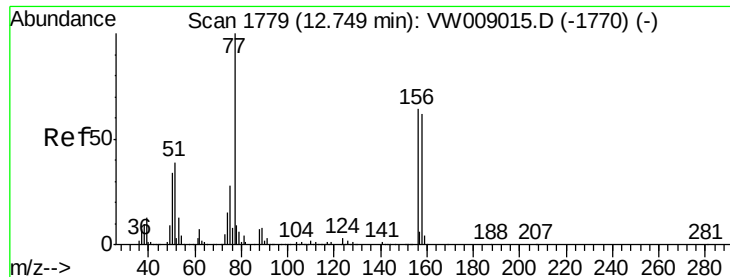
Tgt Ion: 83 Resp: 23063
 Ion Ratio Lower Upper
 83 100
 131 11.6 5.5 16.7
 85 66.2 32.8 98.3



#76
 1,2,3-Trichloropropane
 Concen: 12.685 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW009013.D
 Acq: 06 Mar 2019 11:17

Tgt Ion: 75 Resp: 31385
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.905 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

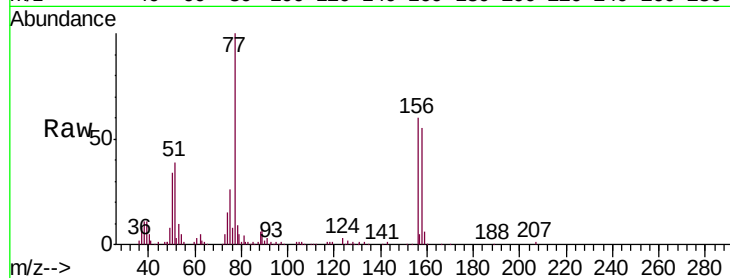
Tgt Ion:156 Resp: 35136

Ion Ratio Lower Upper

156 100

77 177.9 91.6 274.9

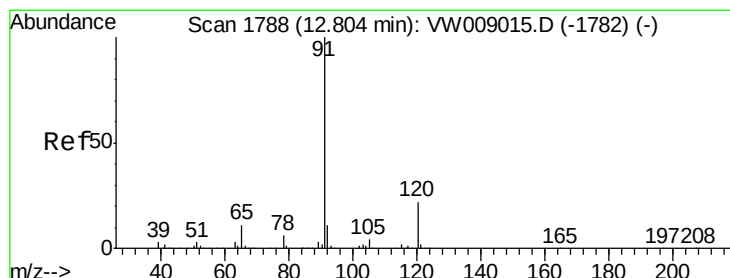
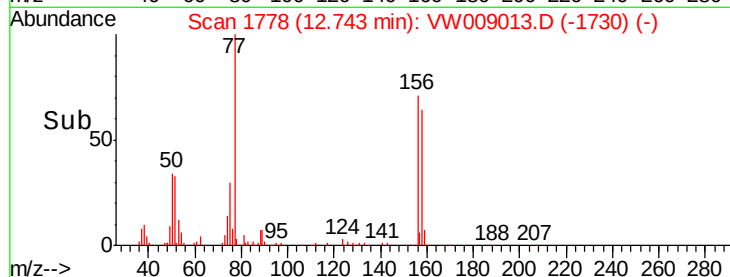
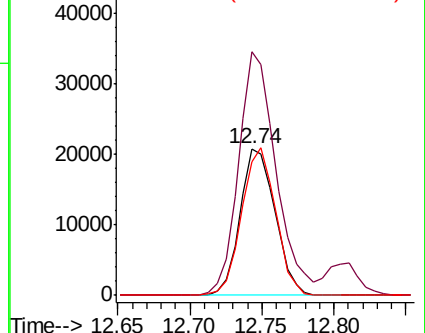
158 97.7 48.8 146.4



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: 9.236 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW009013.D

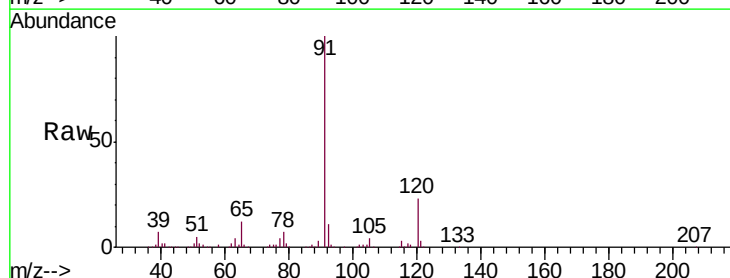
Acq: 06 Mar 2019 11:17

Tgt Ion: 91 Resp: 177664

Ion Ratio Lower Upper

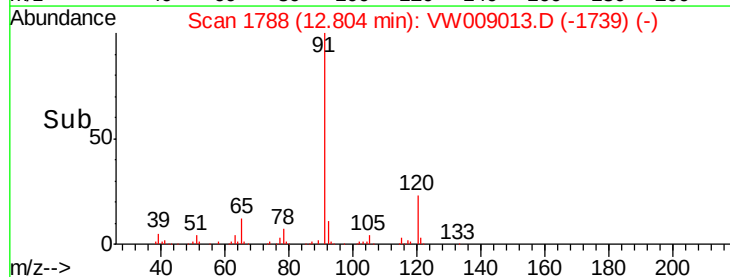
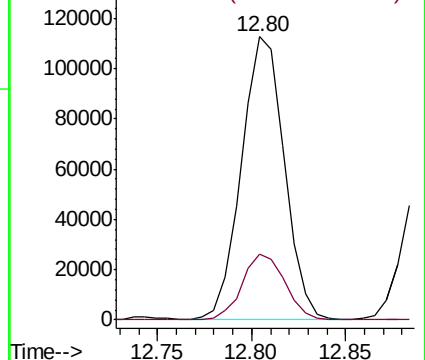
91 100

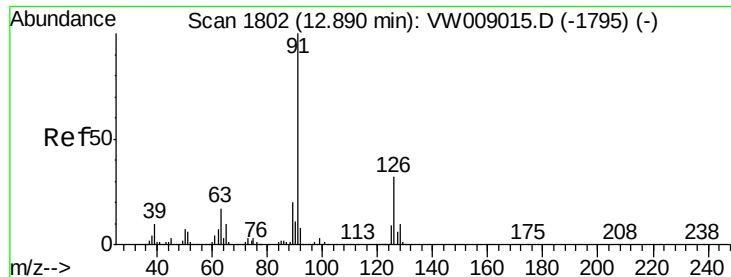
120 23.1 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 9.540 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

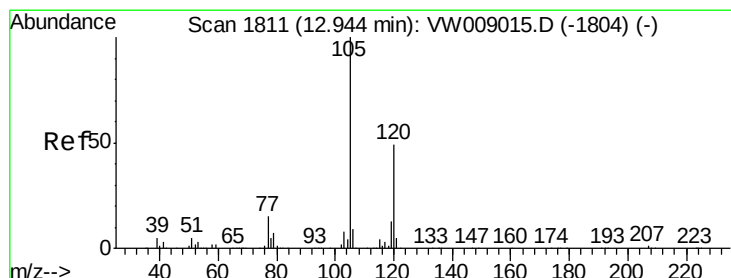
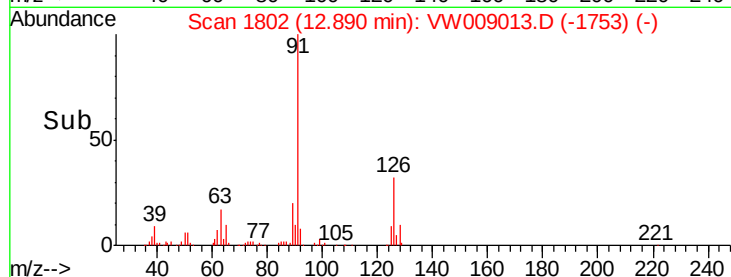
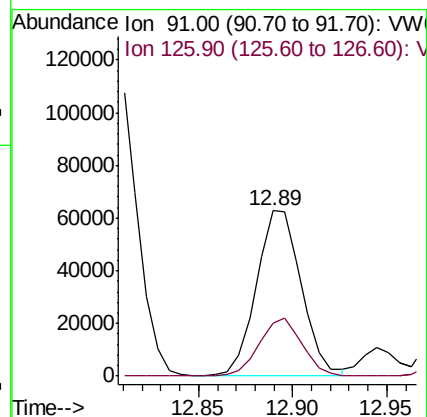
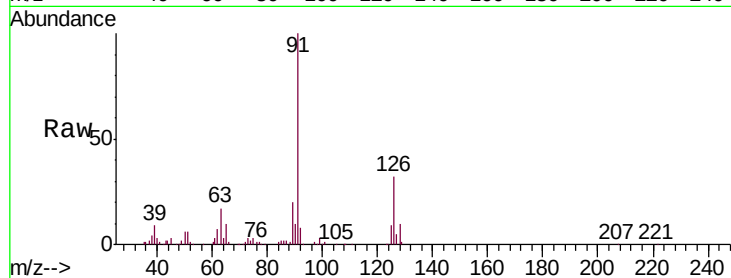
VSTDIC010

Tgt Ion: 91 Resp: 103622

Ion Ratio Lower Upper

91 100

126 33.4 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 9.129 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW009013.D

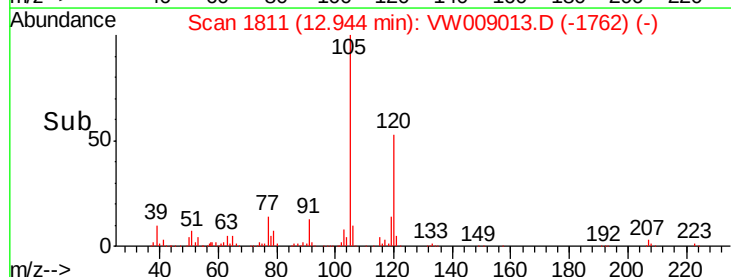
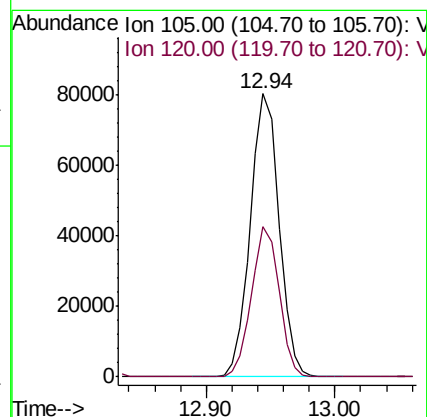
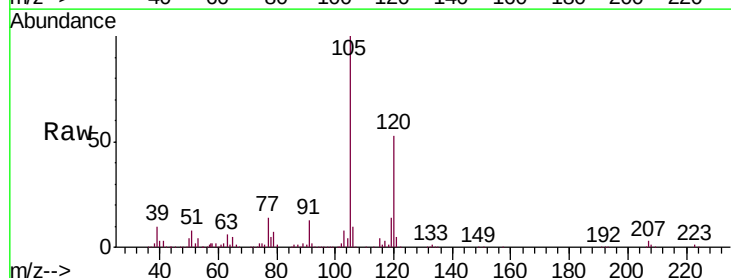
Acq: 06 Mar 2019 11:17

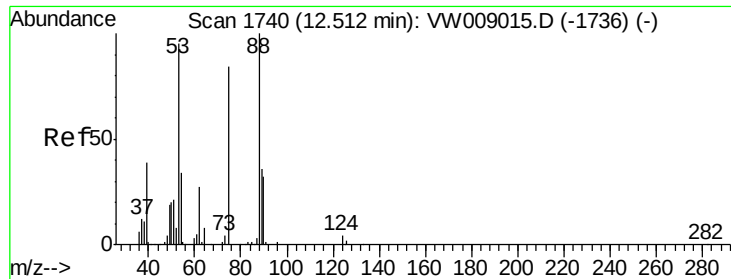
Tgt Ion: 105 Resp: 122761

Ion Ratio Lower Upper

105 100

120 51.3 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 8.300 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

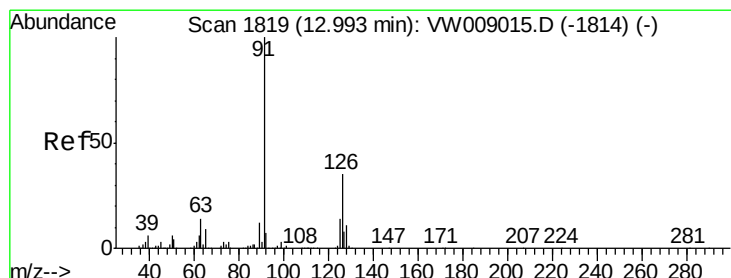
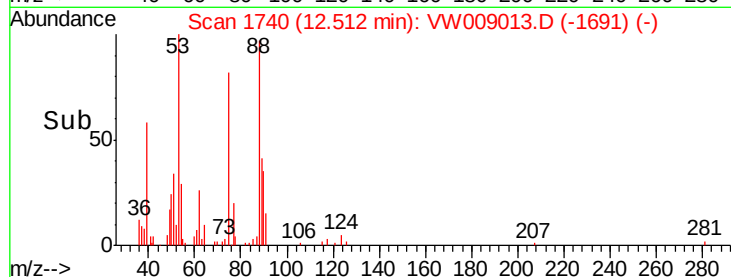
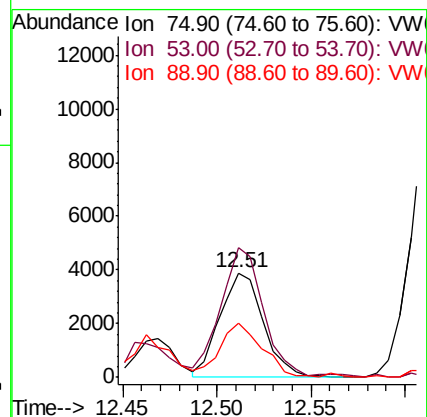
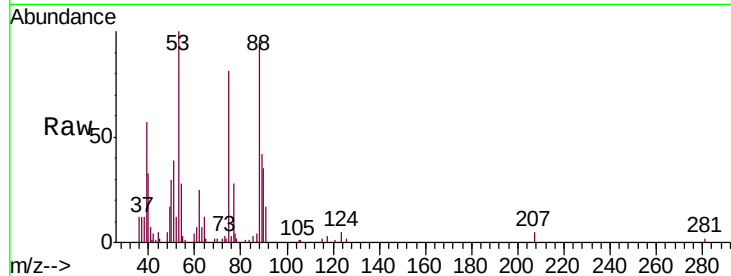
Tgt Ion: 75 Resp: 6213

Ion Ratio Lower Upper

75 100

53 117.4 88.5 132.7

89 50.6 36.3 54.5



#82

4-Chlorotoluene

Concen: 9.531 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW009013.D

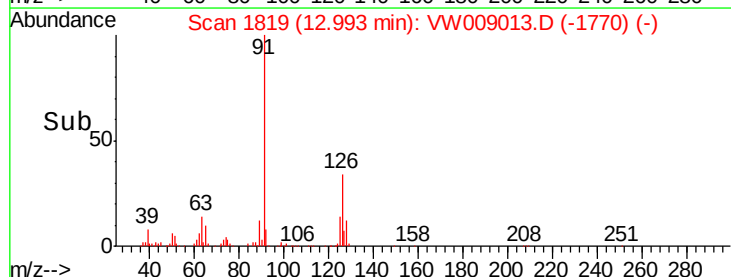
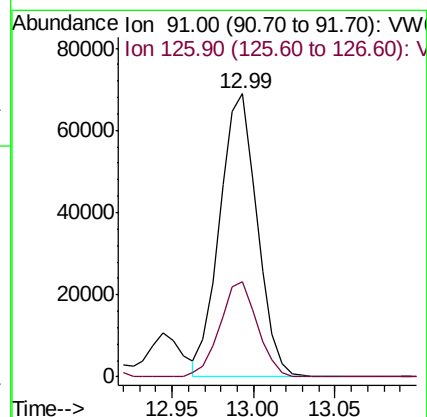
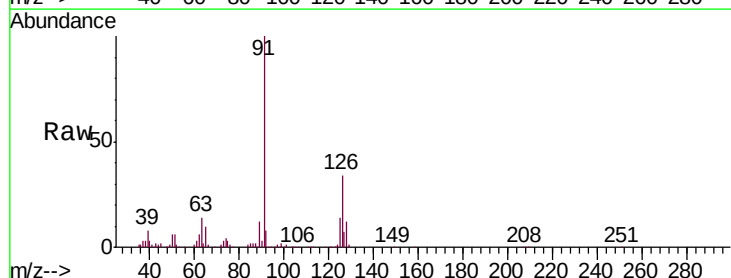
Acq: 06 Mar 2019 11:17

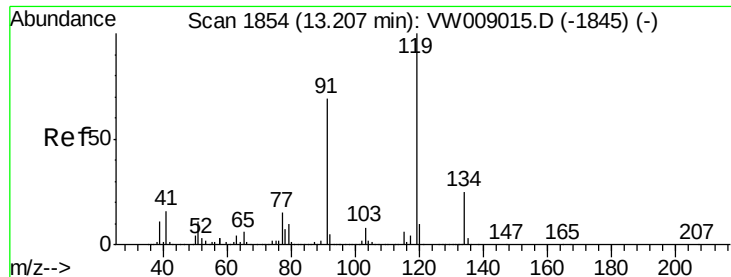
Tgt Ion: 91 Resp: 110117

Ion Ratio Lower Upper

91 100

126 33.7 16.9 50.6





#83

tert-Butylbenzene

Concen: 9.602 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

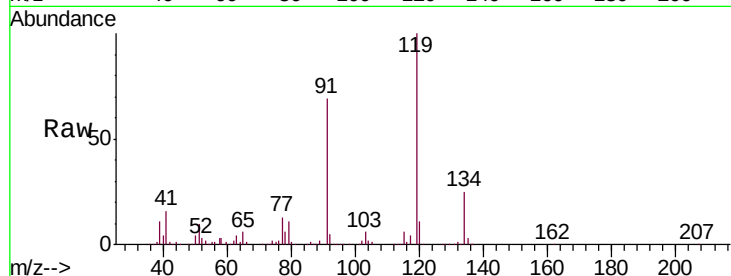
Tgt Ion:119 Resp: 111255

Ion Ratio Lower Upper

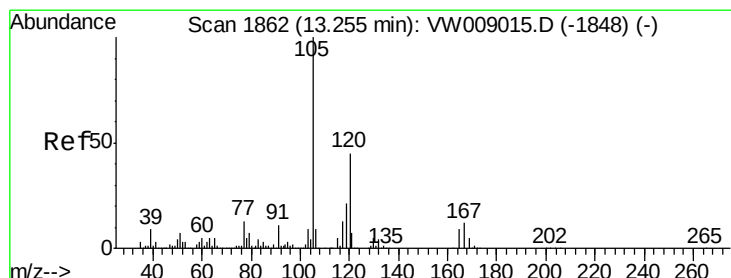
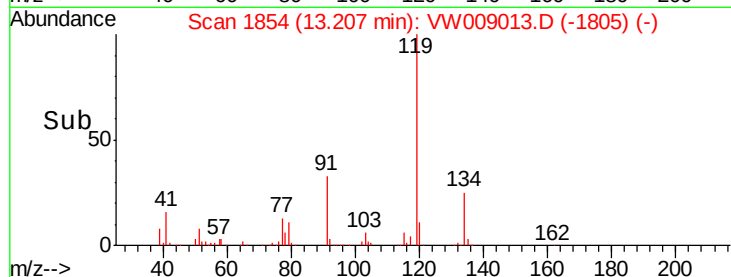
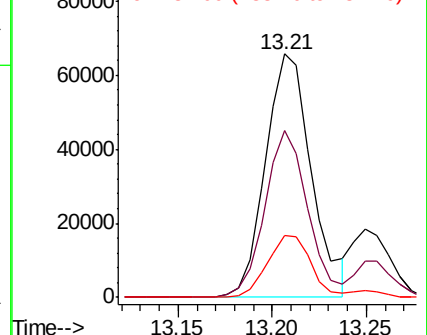
119 100

91 64.0 34.3 102.9

134 24.0 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 9.342 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW009013.D

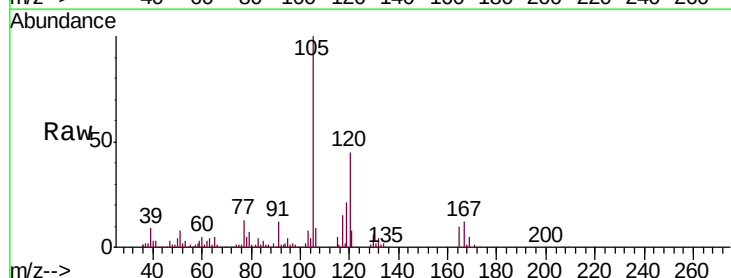
Acq: 06 Mar 2019 11:17

Tgt Ion:105 Resp: 128609

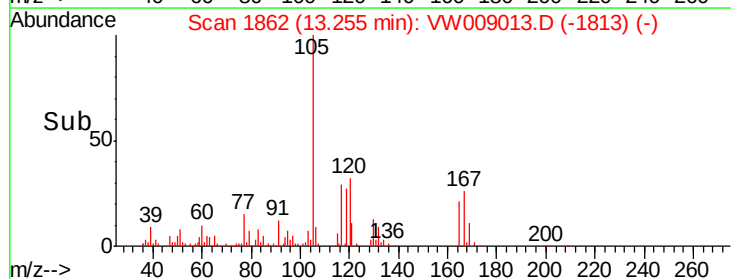
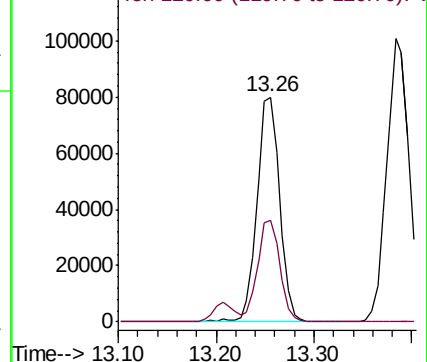
Ion Ratio Lower Upper

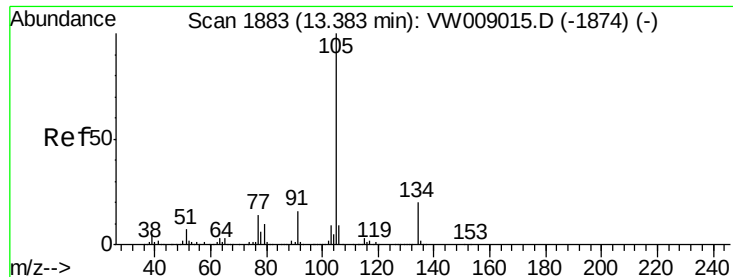
105 100

120 44.6 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

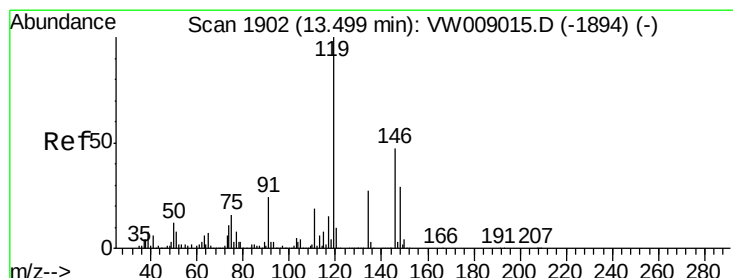
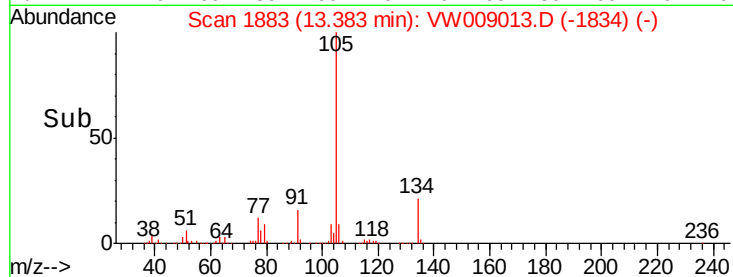
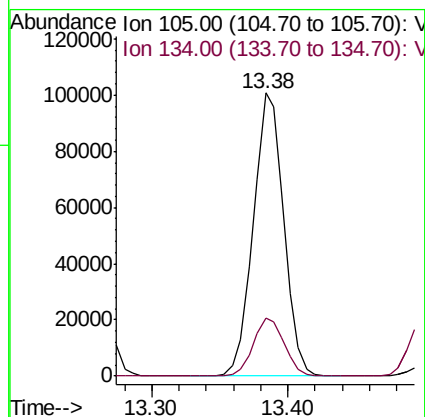
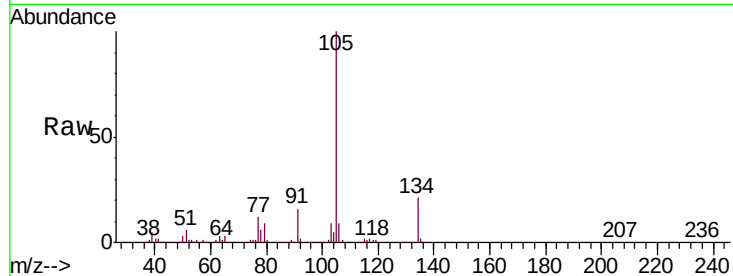




#85
 sec-Butylbenzene
 Concen: 9.322 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW009013.D
 Acq: 06 Mar 2019 11:17

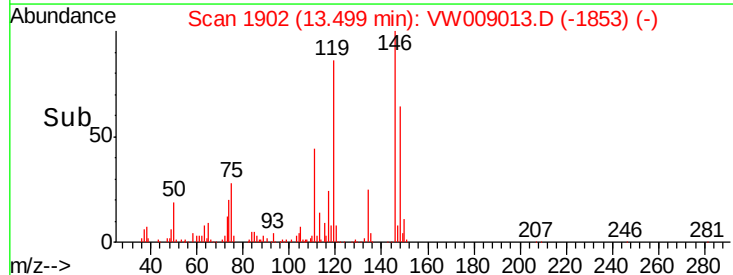
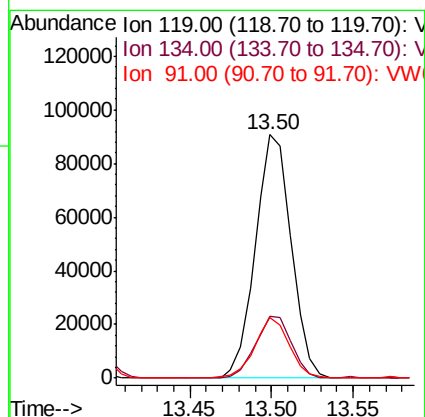
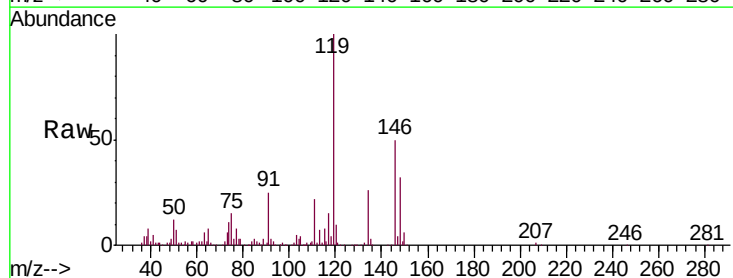
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

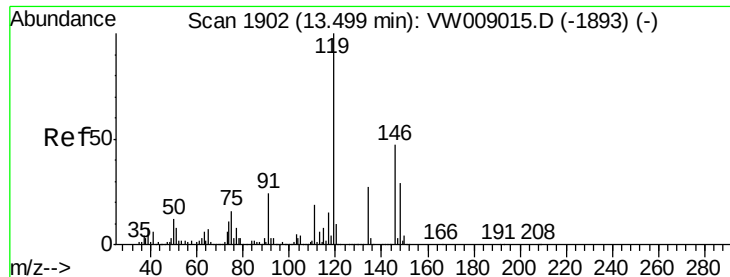
Tgt Ion:105 Resp: 157557
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 9.141 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009013.D
 Acq: 06 Mar 2019 11:17

Tgt Ion:119 Resp: 139075
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 23.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 9.655 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

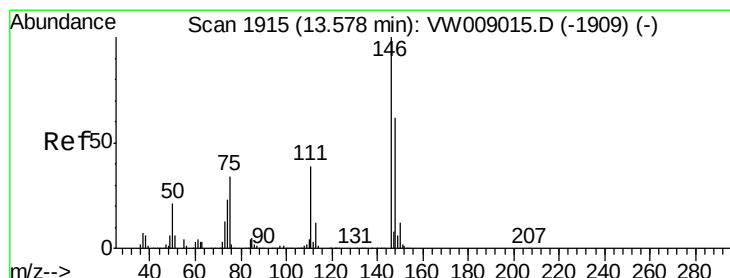
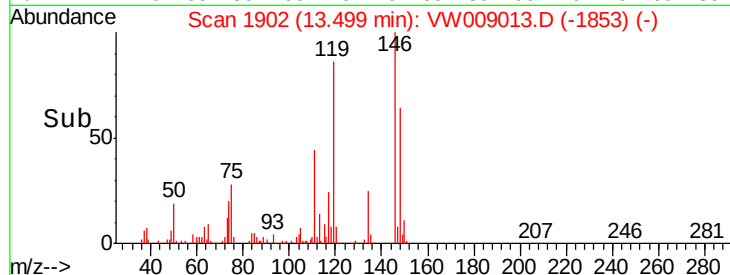
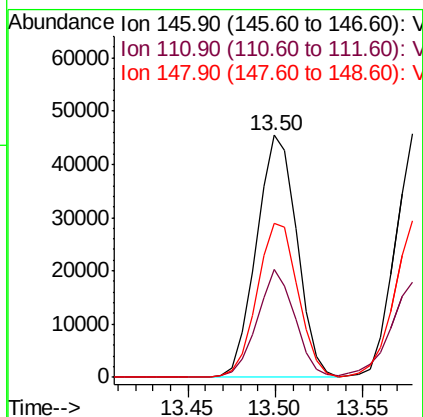
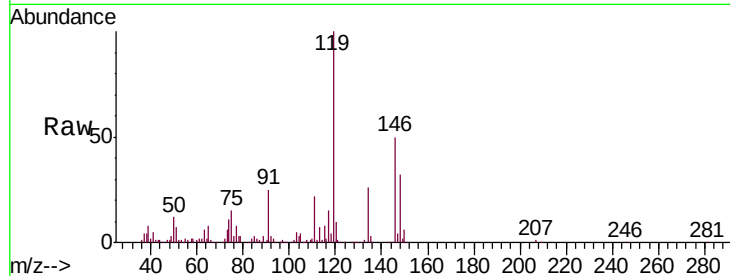
Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion:146 Resp: 73319

Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.6	58.7
148	64.2	31.7	95.1



#88

1,4-Dichlorobenzene

Concen: 9.939 ug/l

RT: 13.58 min Scan# 1915

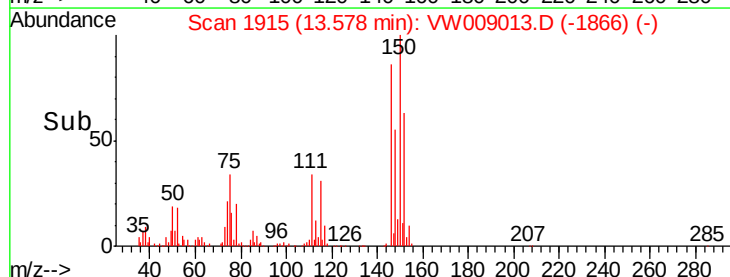
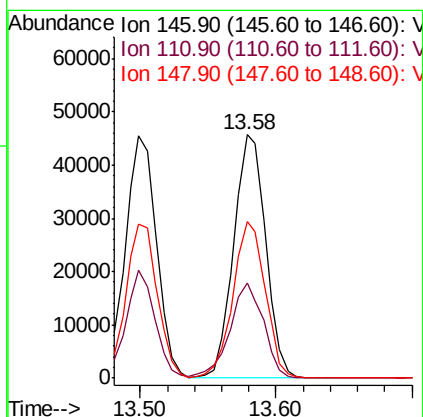
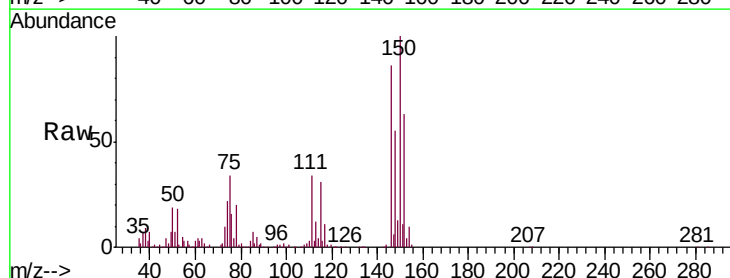
Delta R.T. 0.00 min

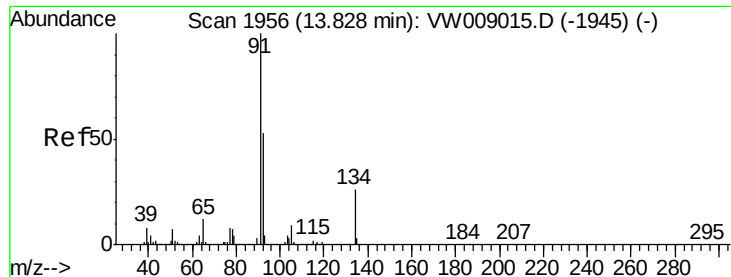
Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Tgt Ion:146 Resp: 74859

Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.9	59.7
148	65.0	31.7	95.1





#89

n-Butylbenzene

Concen: 9.034 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW009013.D

Acq: 06 Mar 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

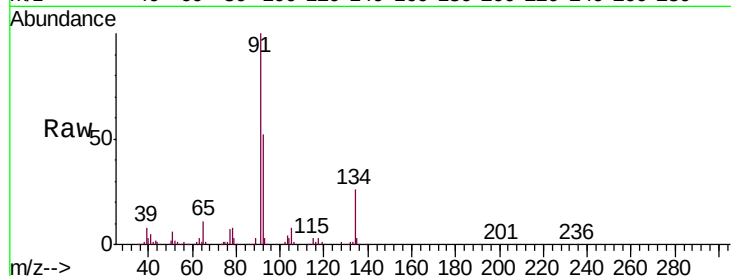
Tgt Ion: 91 Resp: 130116

Ion Ratio Lower Upper

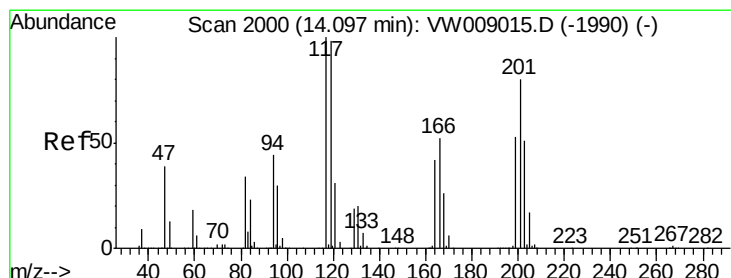
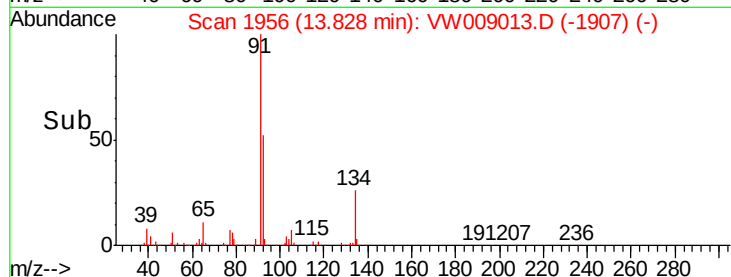
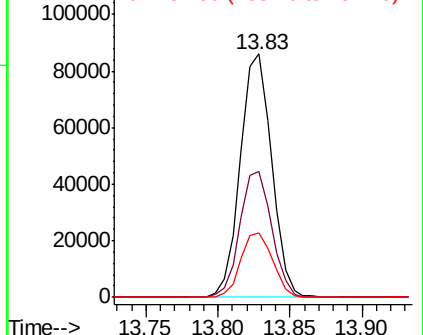
91 100

92 52.7 26.7 80.0

134 27.0 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 9.351 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW009013.D

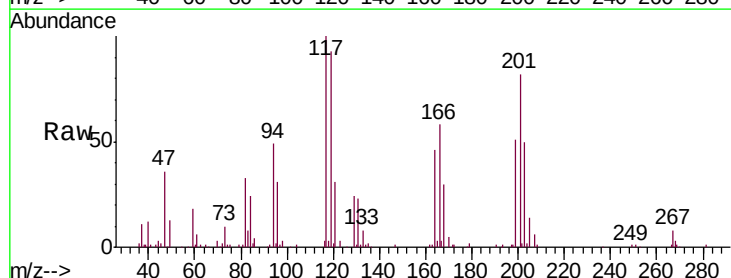
Acq: 06 Mar 2019 11:17

Tgt Ion: 117 Resp: 24371

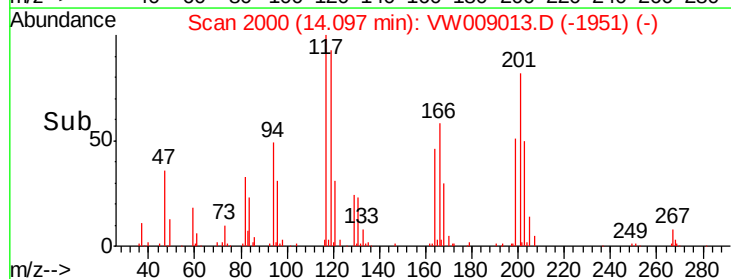
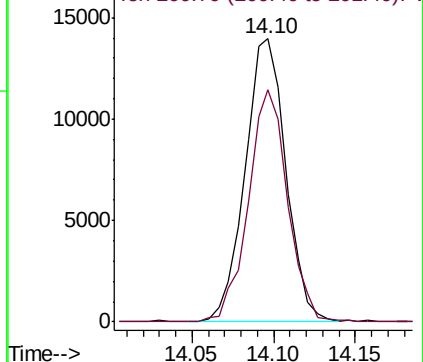
Ion Ratio Lower Upper

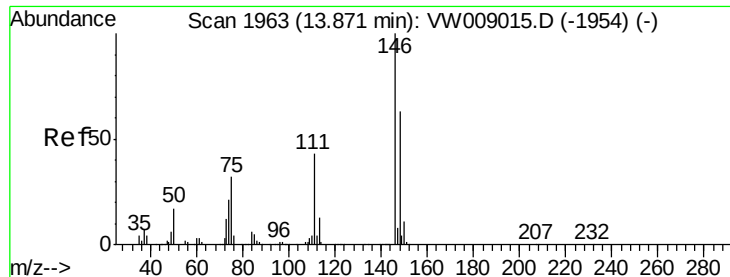
117 100

201 78.7 38.9 116.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

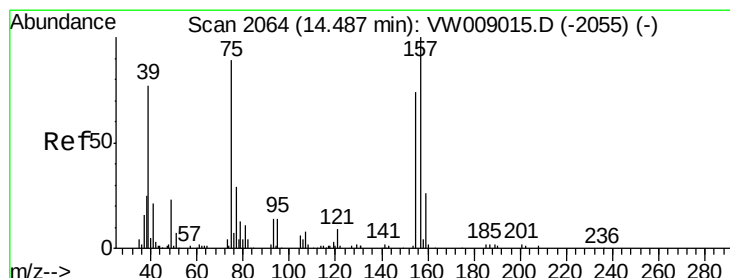
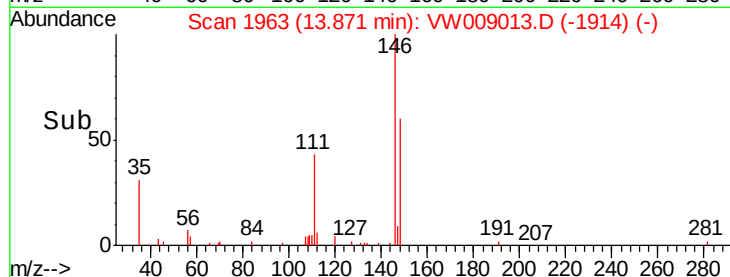
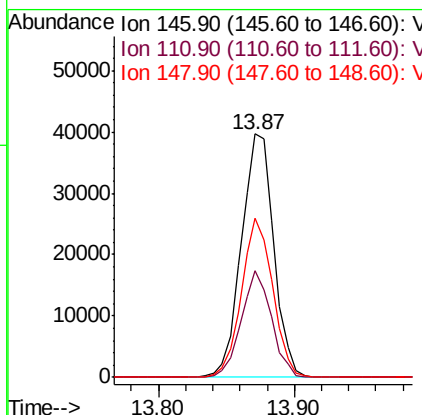
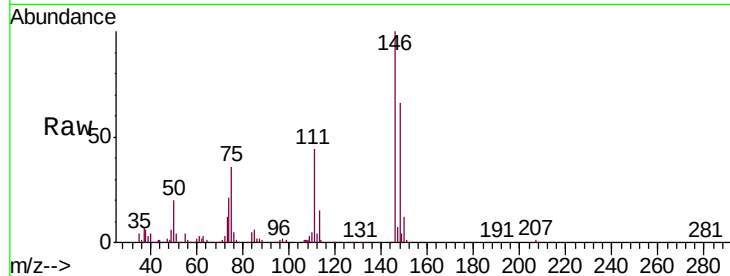




#91
 1,2-Dichlorobenzene
 Concen: 9.902 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW009013.D
 Acq: 06 Mar 2019 11:17

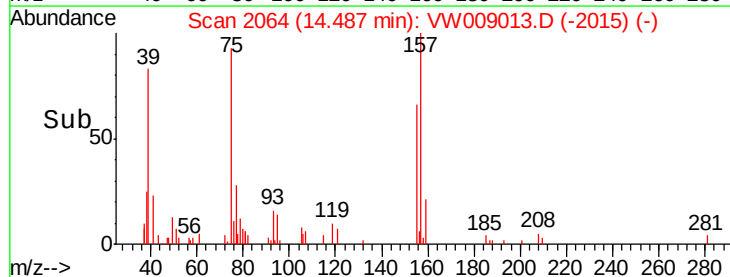
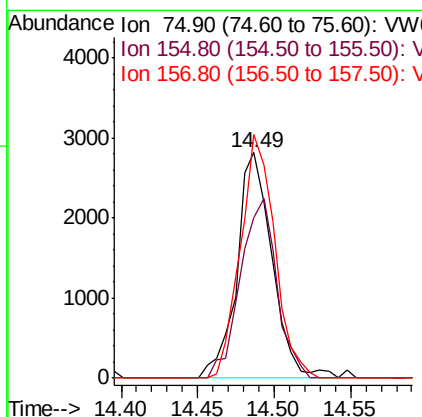
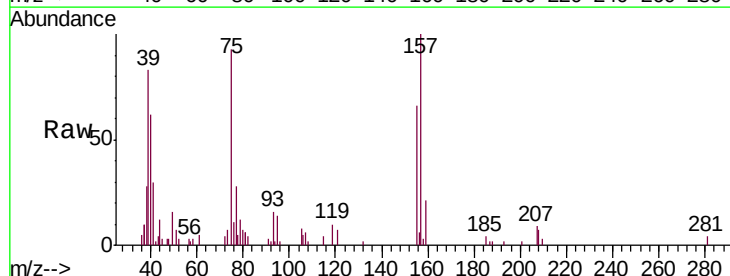
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

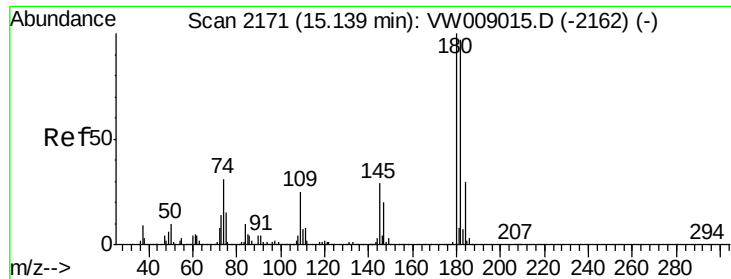
Tgt Ion:146 Resp: 65788
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.8 62.4
 148 63.1 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.096 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW009013.D
 Acq: 06 Mar 2019 11:17

Tgt Ion: 75 Resp: 4510
 Ion Ratio Lower Upper
 75 100
 155 81.8 41.4 124.4
 157 105.0 53.1 159.4

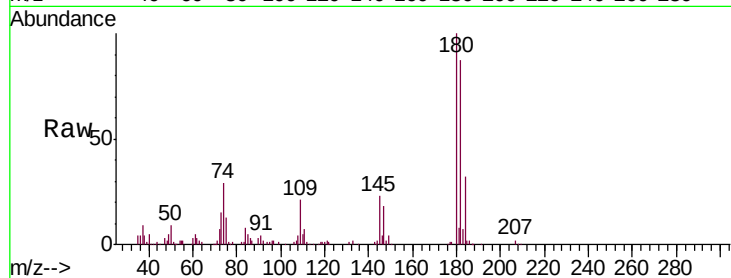




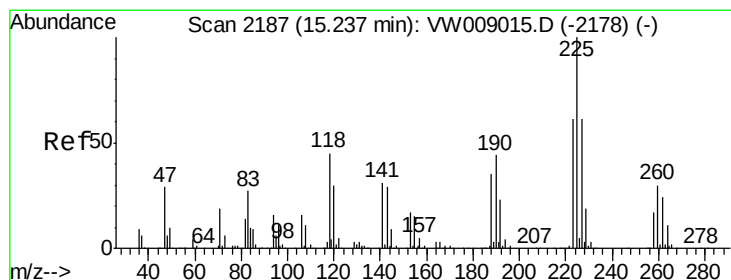
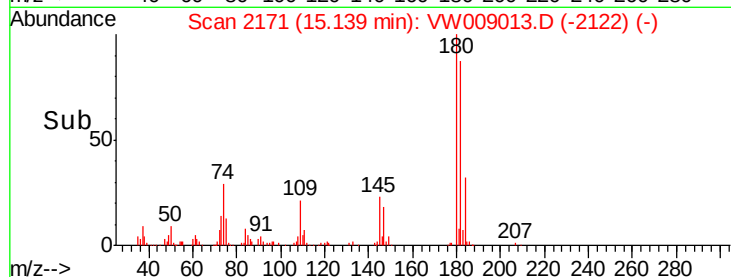
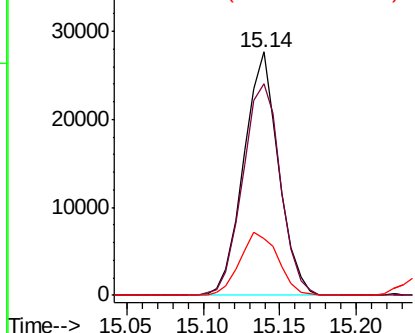
#93
 1,2,4-Trichlorobenzene
 Concen: 9.622 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW009013.D
 Acq: 06 Mar 2019 11:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:180 Resp: 43777
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.6 142.9
 145 28.5 14.7 44.1

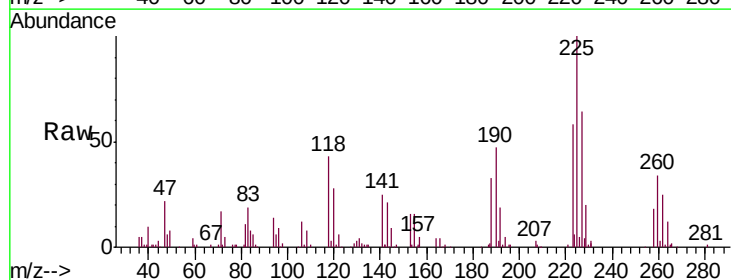


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

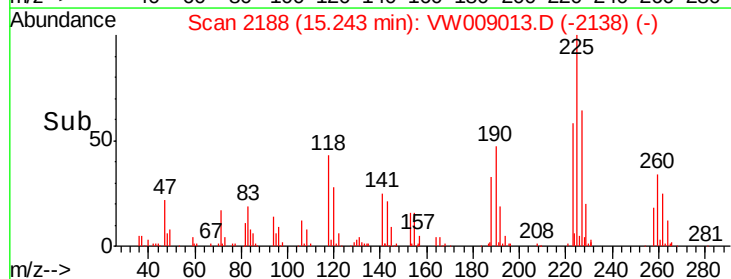
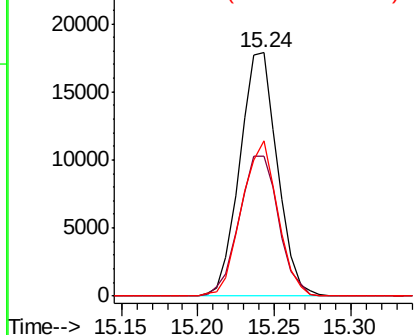


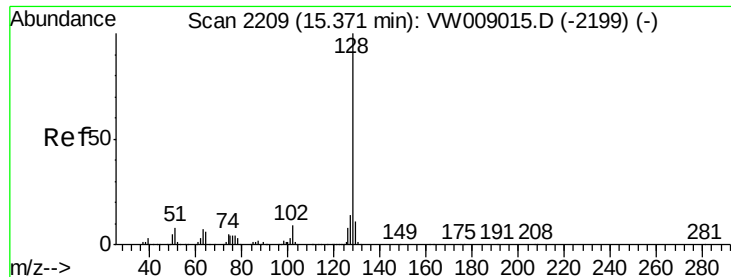
#94
 Hexachlorobutadiene
 Concen: 10.518 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: VW009013.D
 Acq: 06 Mar 2019 11:17

Tgt Ion:225 Resp: 30415
 Ion Ratio Lower Upper
 225 100
 223 60.5 30.6 91.8
 227 61.1 31.2 93.6



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

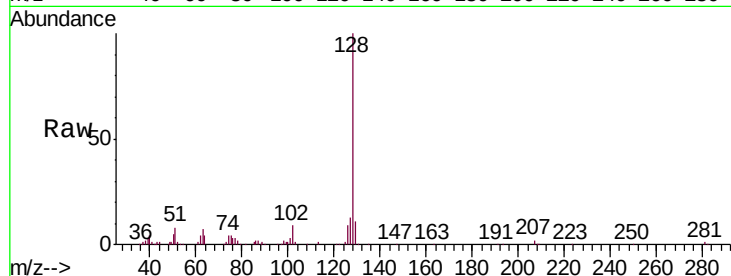




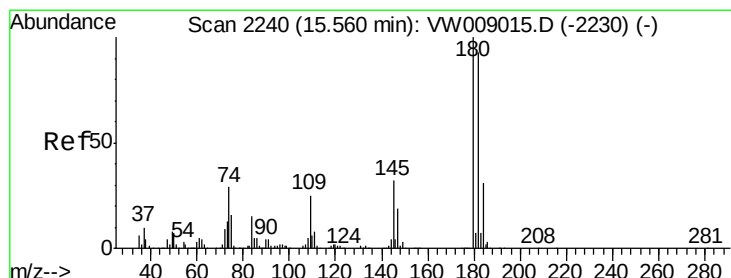
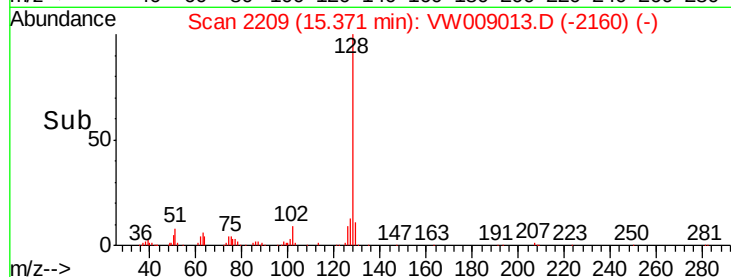
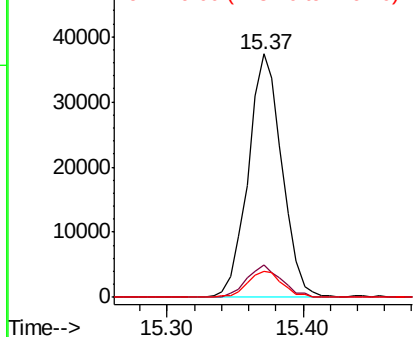
#95
Naphthalene
Concen: 8.806 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 64956
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.4
129 11.3 8.6 13.0

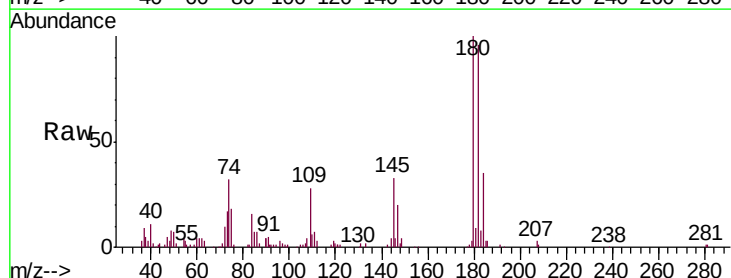


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 9.627 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW009013.D
Acq: 06 Mar 2019 11:17

Tgt Ion:180 Resp: 37920
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.8
145 32.4 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

