

Data File : VV009260.D
Acq On : 24 Jan 2019 15:11
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_V/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ICVVV012419

Quant Time: Jan 24 23:24:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012419S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 24 23:18:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	78850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	130491	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.90	117	121202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	63298	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.07	65	47733	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
35) Dibromofluoromethane	4.64	113	42714	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	7.36	98	163811	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	10.12	95	64219	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	32779	49.738	ug/l	97
3) Chloromethane	1.25	50	42053	46.944	ug/l	99
4) Vinyl Chloride	1.33	62	43139	47.536	ug/l	95
5) Bromomethane	1.53	94	23679	46.116	ug/l	95
6) Chloroethane	1.60	64	22298	46.848	ug/l	98
7) Trichlorofluoromethane	1.76	101	19464	45.401	ug/l	96
8) Diethyl Ether	1.96	74	20176	47.266	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.14	101	36135	47.344	ug/l	94
10) Methyl Iodide	2.26	142	58878	46.825	ug/l	99
11) Tert butyl alcohol	2.65	59	20233	267.764	ug/l	98
12) 1,1-Dichloroethene	2.14	96	36233	45.687	ug/l	97
13) Acrolein	2.06	56	11963	260.720	ug/l	99
14) Allyl chloride	2.42	41	55288	46.672	ug/l	97
15) Acrylonitrile	2.76	53	51050	255.368	ug/l	94
16) Acetone	2.18	43	60992	242.709	ug/l	100
17) Carbon Disulfide	2.32	76	104803	47.070	ug/l	99
18) Methyl Acetate	2.44	43	31716	48.172	ug/l	99
19) Methyl tert-butyl Ether	2.80	73	60488	48.724	ug/l	99
20) Methylene Chloride	2.53	84	38541	43.213	ug/l	96
21) trans-1,2-Dichloroethene	2.78	96	37378	45.514	ug/l	93
22) Diisopropyl ether	3.33	45	125921	44.475	ug/l	98
23) Vinyl Acetate	3.30	43	423257	242.488	ug/l	100
24) 1,1-Dichloroethane	3.22	63	74620	42.675	ug/l	99
25) 2-Butanone	4.01	43	83930	243.552	ug/l	99
26) 2,2-Dichloropropane	3.95	77	40601	45.787	ug/l	100
27) cis-1,2-Dichloroethene	3.95	96	46191	44.355	ug/l	99
28) Bromochloromethane	4.29	49	36062	51.407	ug/l	99
29) Tetrahydrofuran	4.39	42	49340	251.210	ug/l	100
30) Chloroform	4.42	83	77475	44.095	ug/l	97
31) Cyclohexane	4.72	56	69854	43.333	ug/l	99
32) 1,1,1-Trichloroethane	4.65	97	60833	44.532	ug/l	100
36) 1,1-Dichloropropene	4.87	75	59536	45.566	ug/l	98
37) Ethyl Acetate	4.12	43	33245	43.630	ug/l #	95
38) Carbon Tetrachloride	4.87	117	60149	46.551	ug/l	98

Data File : VV009260.D
Acq On : 24 Jan 2019 15:11
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_V/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ICVVV012419

Quant Time: Jan 24 23:24:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012419S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 24 23:18:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	77656	47.423	ug/l	98
40) Benzene	5.14	78	172737	44.873	ug/l	99
41) Methacrylonitrile	4.31	41	18822	49.444	ug/l	96
42) 1,2-Dichloroethane	5.17	62	54235	45.311	ug/l	99
43) Isopropyl Acetate	5.33	43	61993	48.978	ug/l	98
44) Trichloroethene	5.96	130	45584	44.373	ug/l	96
45) 1,2-Dichloropropane	6.22	63	42153	44.482	ug/l	100
46) Dibromomethane	6.35	93	24877	46.860	ug/l	98
47) Bromodichloromethane	6.55	83	56779	45.470	ug/l	98
48) Methyl methacrylate	6.42	41	31395	50.002	ug/l	98
49) 1,4-Dioxane	6.41	88	8432	1012.206	ug/l	91
51) 4-Methyl-2-Pentanone	7.27	43	166446	249.871	ug/l	98
52) Toluene	7.43	92	109307	44.966	ug/l	100
53) t-1,3-Dichloropropene	7.69	75	58583	46.390	ug/l	99
54) cis-1,3-Dichloropropene	7.07	75	66175	46.190	ug/l	100
55) 1,1,2-Trichloroethane	7.88	97	35424	47.854	ug/l	96
56) Ethyl methacrylate	7.83	69	45339	50.695	ug/l	97
57) 1,3-Dichloropropane	8.05	76	61758	46.827	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.94	63	4184	176.799	ug/l	100
59) 2-Hexanone	8.18	43	122531	255.873	ug/l	99
60) Dibromochloromethane	8.29	129	39351	46.505	ug/l	96
61) 1,2-Dibromoethane	8.40	107	35433	47.640	ug/l	99
64) Tetrachloroethene	8.02	164	38775	46.397	ug/l	96
65) Chlorobenzene	8.92	112	121364	44.401	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.02	131	41750	45.745	ug/l	100
67) Ethyl Benzene	9.05	91	212918	45.913	ug/l	99
68) m/p-Xylenes	9.18	106	164312	92.367	ug/l	99
69) o-Xylene	9.59	106	77940	46.885	ug/l	98
70) Styrene	9.60	104	126607	46.767	ug/l	99
71) Bromoform	9.78	173	23823	48.415	ug/l #	97
73) Isopropylbenzene	9.97	105	214034	45.533	ug/l	99
74) N-amyl acetate	9.84	43	53027	48.211	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.29	83	45710	47.289	ug/l	100
76) 1,2,3-Trichloropropane	10.32	75	49874	66.750	ug/l #	44
77) Bromobenzene	10.26	156	49043	44.715	ug/l	99
78) n-propylbenzene	10.40	91	253778	45.632	ug/l	99
79) 2-Chlorotoluene	10.47	91	151356	45.155	ug/l	100
80) 1,3,5-Trimethylbenzene	10.59	105	180141	45.560	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	13536	51.459	ug/l	98
82) 4-Chlorotoluene	10.58	91	177893	44.768	ug/l	99
83) tert-Butylbenzene	10.91	119	175162	45.885	ug/l	98
84) 1,2,4-Trimethylbenzene	10.96	105	185638	45.738	ug/l	99
85) sec-Butylbenzene	11.14	105	229601	46.152	ug/l	99
86) p-Isopropyltoluene	11.29	119	201952	46.001	ug/l	99
87) 1,3-Dichlorobenzene	11.23	146	99637	44.858	ug/l	99
88) 1,4-Dichlorobenzene	11.32	146	100187	44.189	ug/l	98
89) n-Butylbenzene	11.70	91	194835	45.828	ug/l	100
90) Hexachloroethane	11.95	117	35361	45.537	ug/l	99
91) 1,2-Dichlorobenzene	11.69	146	91681	46.007	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.48	75	8612	53.365	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012419\
Quantitation Report (Not Reviewed)

Data File : VV009260.D
Acq On : 24 Jan 2019 15:11
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_V/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ICVVV012419

Quant Time: Jan 24 23:24:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012419S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 24 23:18:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	63690	45.606	ug/l	99
94) Hexachlorobutadiene	13.50	225	36034	45.139	ug/l	99
95) Naphthalene	13.55	128	140440	50.201	ug/l	99
96) 1,2,3-Trichlorobenzene	13.80	180	57689	46.832	ug/l	100

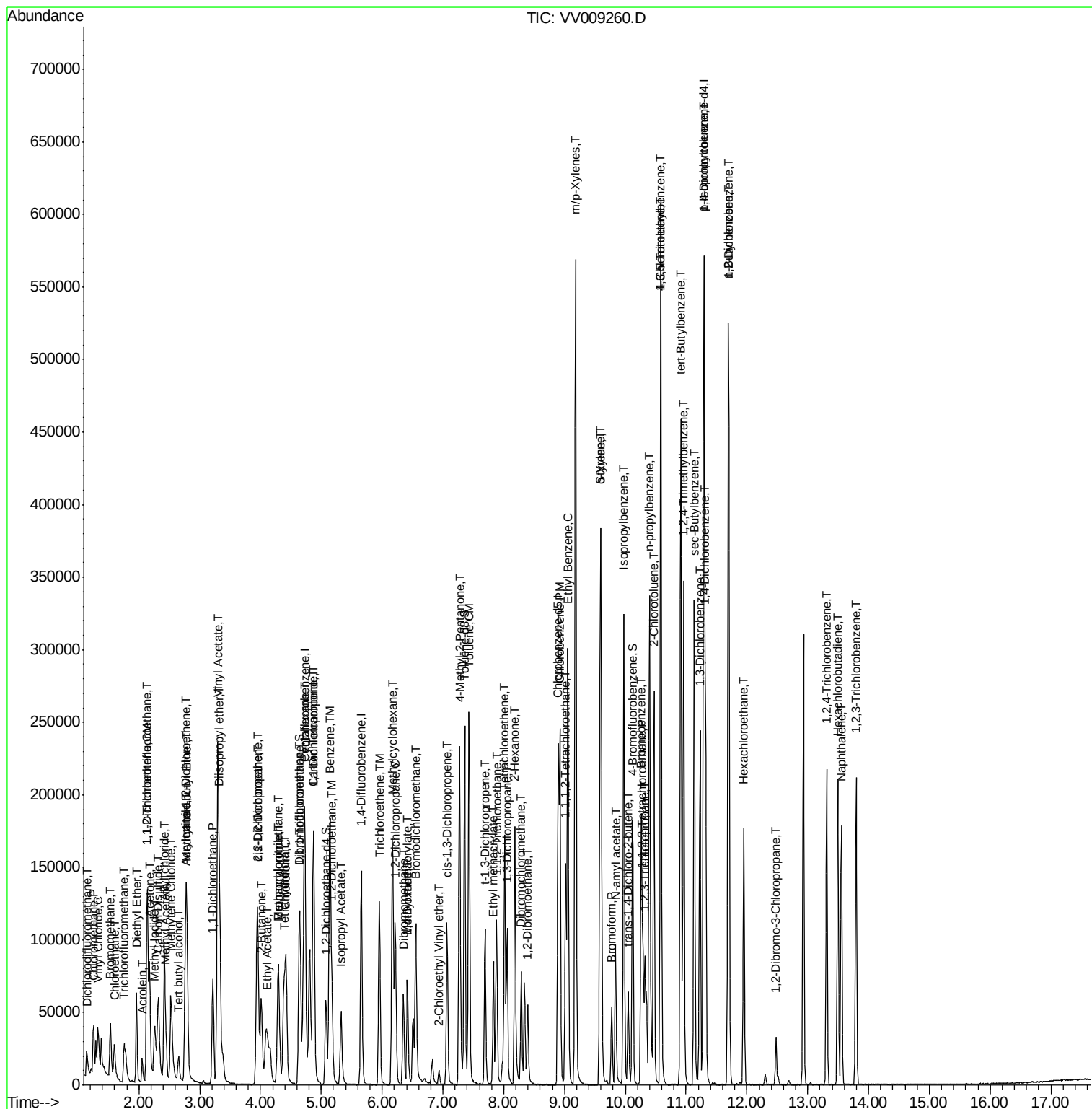
(#) = qualifier out of range (m) = manual integration (+) = signals summed

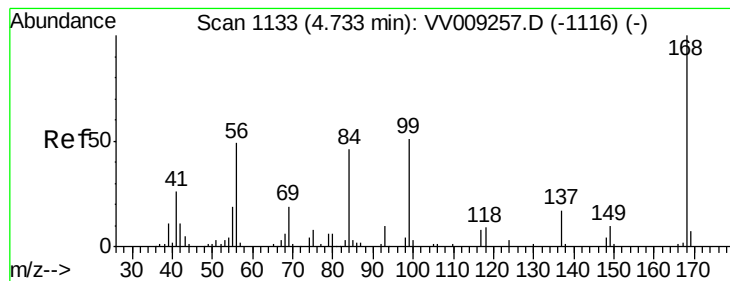
Data File : VV009260.D

```
Acq On       : 24 Jan 2019   15:11
Operator     : SY/MD
Sample       : VSTDICV050
Misc         : 5.00G/5ML/MSV0A_V/SOIL
ALS Vial     : 9      Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
ICVVV012419

Quant Time: Jan 24 23:22:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012419S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 24 23:18:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.73 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

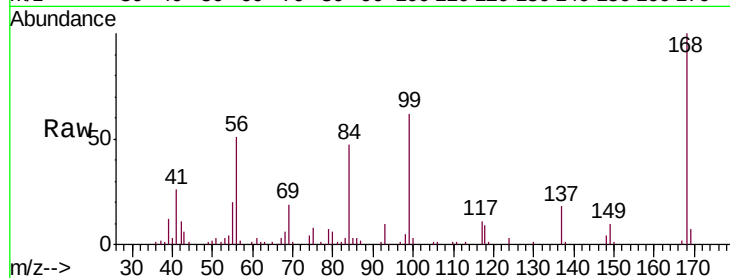
ICVV012419

Tgt Ion:168 Resp: 78850

Ion Ratio Lower Upper

168 100

99 61.0 50.0 75.0

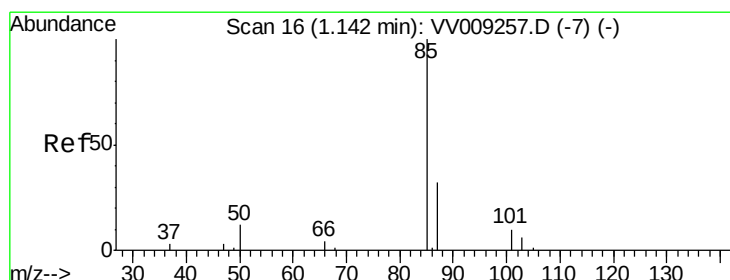
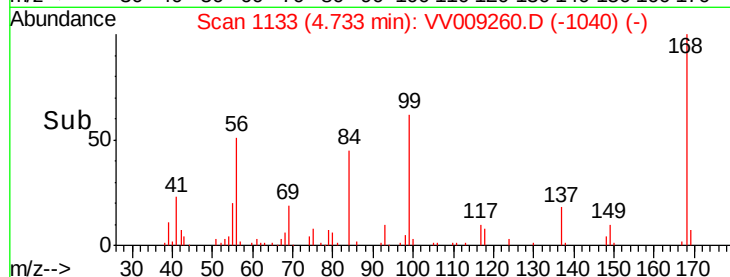


Abundance Ion 167.90 (167.60 to 168.60): VV009257.D (-1116) (-)

Ion 98.90 (98.60 to 99.60): VV009257.D (-1116) (-)

4.73

Time-->



#2

Dichlorodifluoromethane

Concen: 49.738 ug/l

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV009260.D

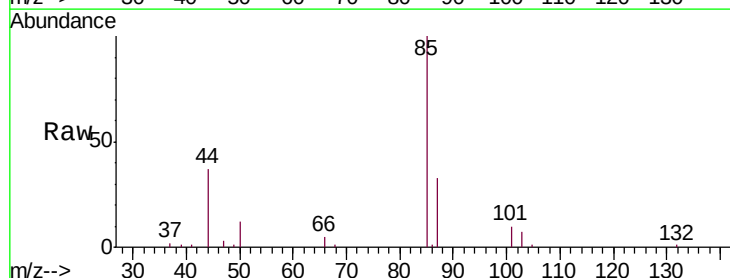
Acq: 24 Jan 2019 15:11

Tgt Ion: 85 Resp: 32779

Ion Ratio Lower Upper

85 100

87 33.5 16.0 47.9

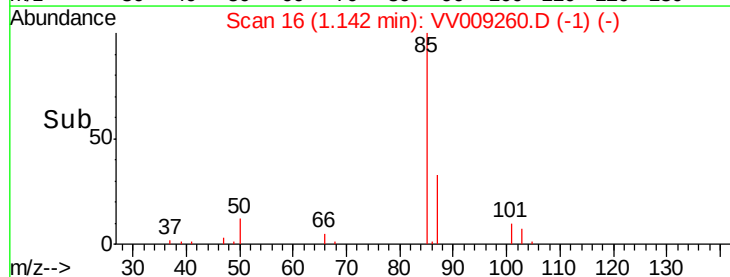


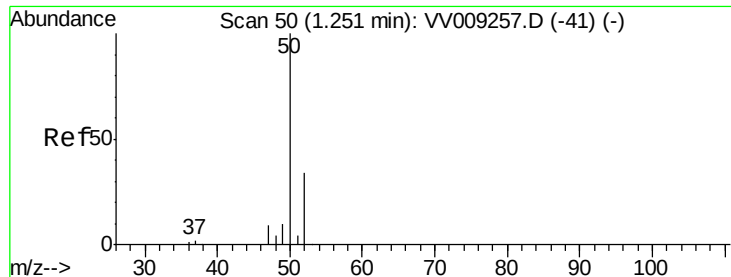
Abundance Ion 84.90 (84.60 to 85.60): VV009257.D (-7) (-)

Ion 86.90 (86.60 to 87.60): VV009257.D (-7) (-)

1.14

Time-->





#3

Chloromethane

Concen: 46.944 ug/l

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

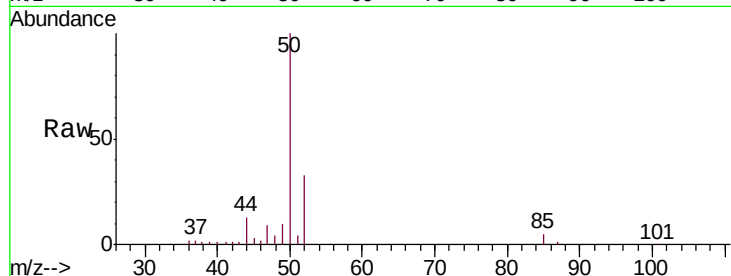
ICVV012419

Tgt Ion: 50 Resp: 42053

Ion Ratio Lower Upper

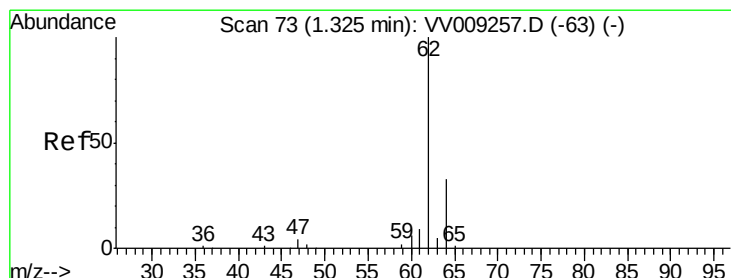
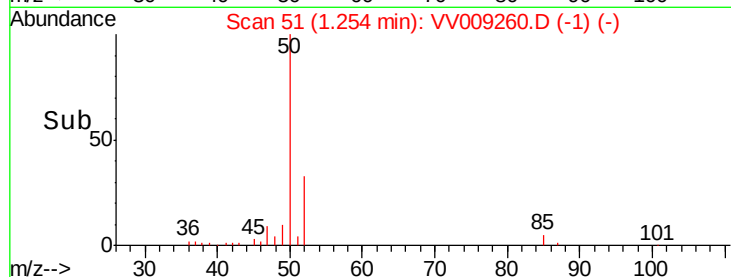
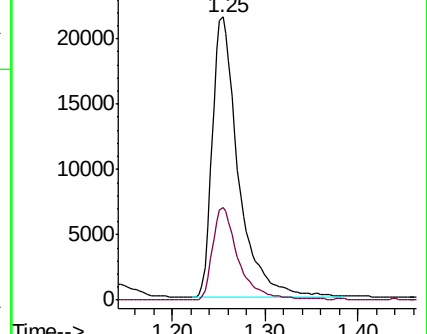
50 100

52 33.1 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VV0

Ion 51.90 (51.60 to 52.60): VV0



#4

Vinyl Chloride

Concen: 47.536 ug/l

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VV009260.D

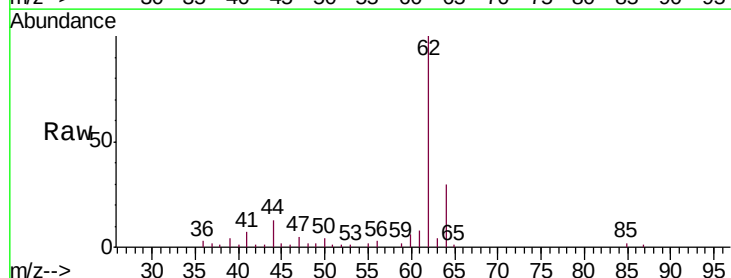
Acq: 24 Jan 2019 15:11

Tgt Ion: 62 Resp: 43139

Ion Ratio Lower Upper

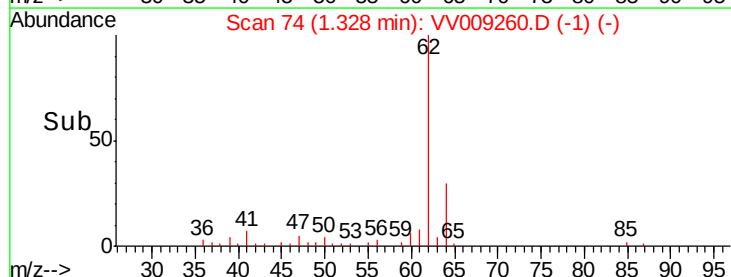
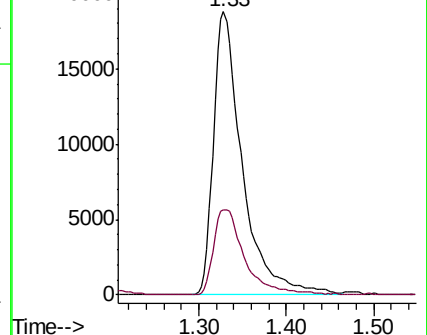
62 100

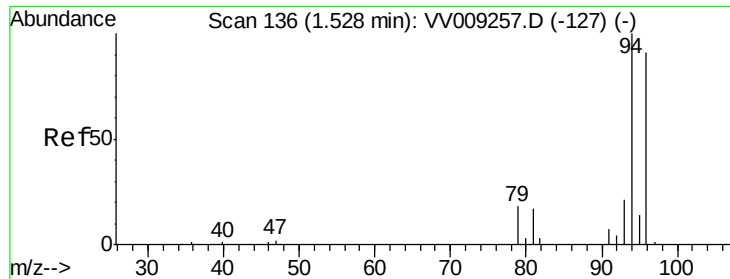
64 30.2 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VV0

Ion 63.90 (63.60 to 64.60): VV0





#5

Bromomethane

Concen: 46.116 ug/l

RT: 1.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

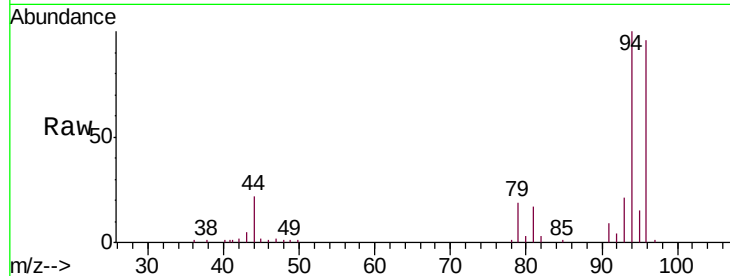
ICVVV012419

Tgt Ion: 94 Resp: 23679

Ion Ratio Lower Upper

94 100

96 95.8 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VV009257.D (-127) (-)

Ion 95.90 (95.60 to 96.60): VV009260.D (-43) (-)

15000

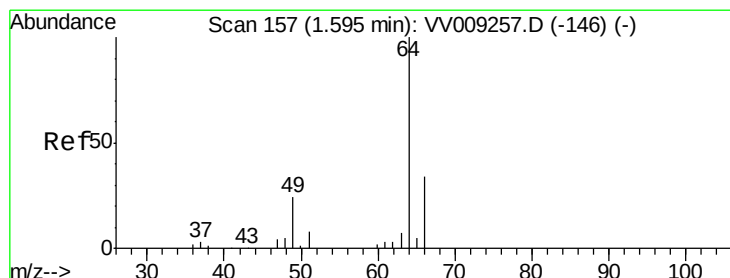
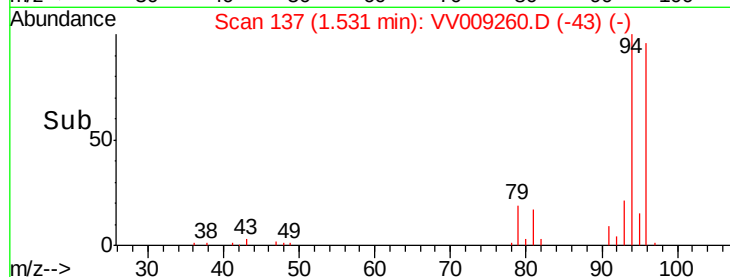
10000

5000

0

1.45 1.50 1.55 1.60 1.65

Time-->



#6

Chloroethane

Concen: 46.848 ug/l

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV009260.D

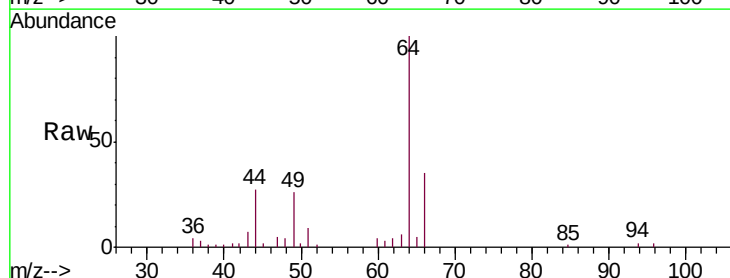
Acq: 24 Jan 2019 15:11

Tgt Ion: 64 Resp: 22298

Ion Ratio Lower Upper

64 100

66 35.1 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VV009257.D (-146) (-)

Ion 65.90 (65.60 to 66.60): VV009260.D (-64) (-)

12000

10000

8000

6000

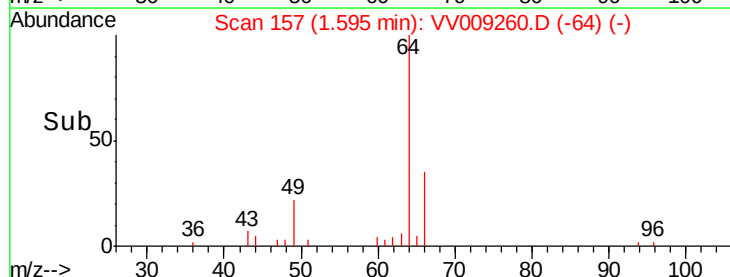
4000

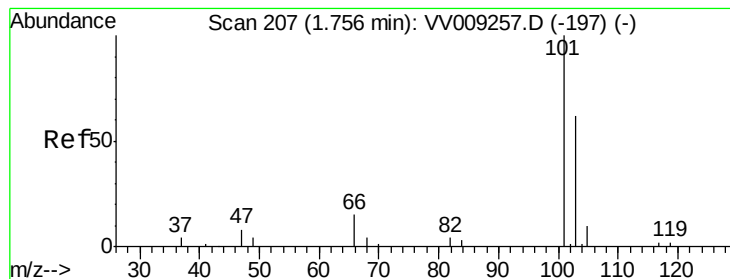
2000

0

1.50 1.55 1.60 1.65 1.70

Time-->



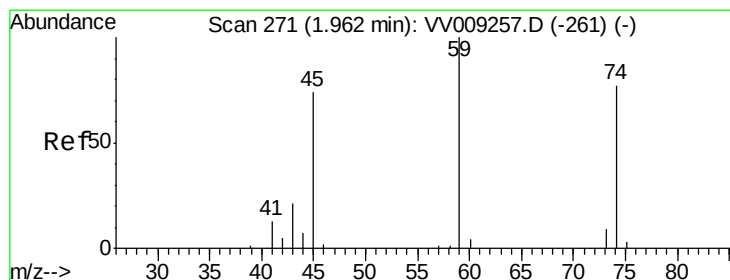
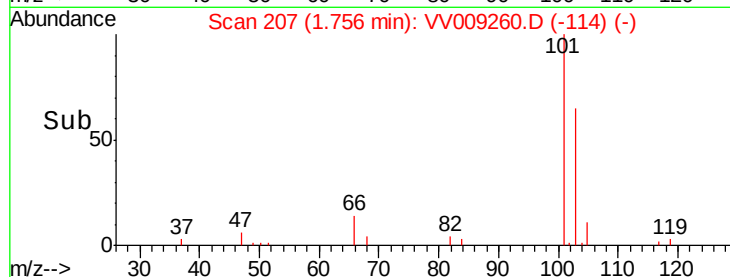
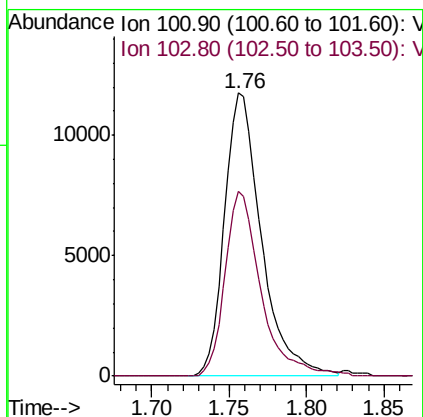
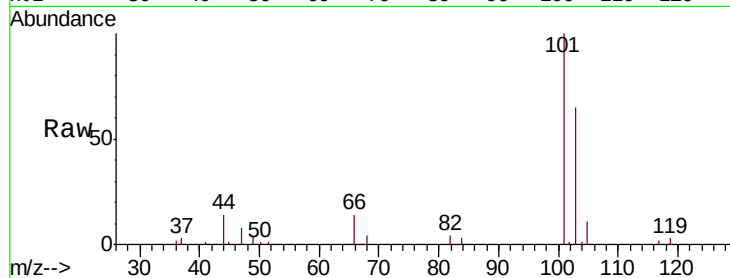


#7

Trichlorofluoromethane
 Concen: 45.401 ug/l
 RT: 1.76 min Scan# 207
 Delta R.T. 0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV012419

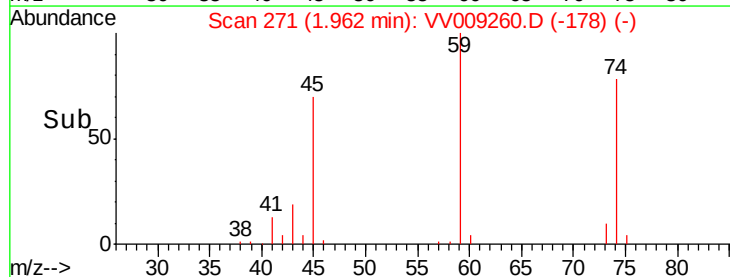
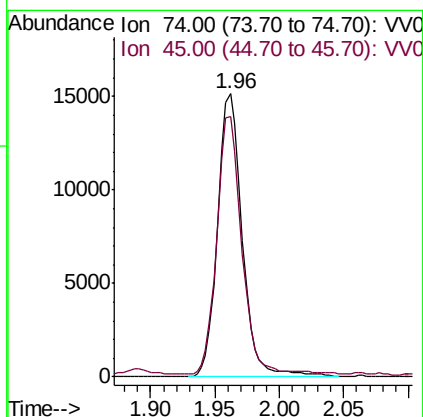
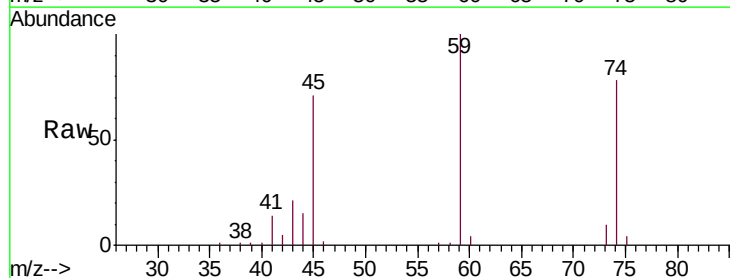
Tgt Ion: 101 Resp: 19464
 Ion Ratio Lower Upper
 101 100
 103 65.3 49.8 74.8

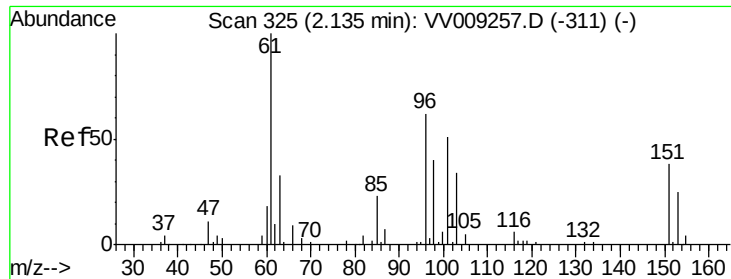


#8

Diethyl Ether
 Concen: 47.266 ug/l
 RT: 1.96 min Scan# 271
 Delta R.T. 0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

Tgt Ion: 74 Resp: 20176
 Ion Ratio Lower Upper
 74 100
 45 90.9 47.4 142.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.344 ug/l

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

ICVVV012419

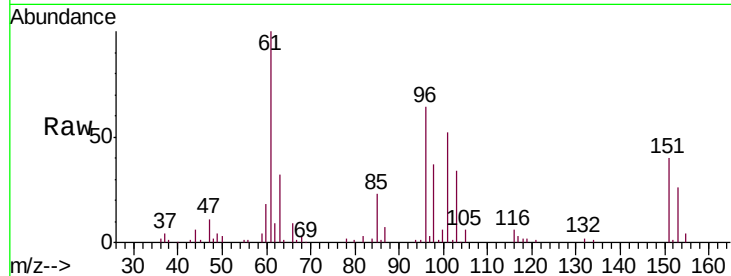
Tgt Ion:101 Resp: 36135

Ion Ratio Lower Upper

101 100

85 44.9 33.8 50.6

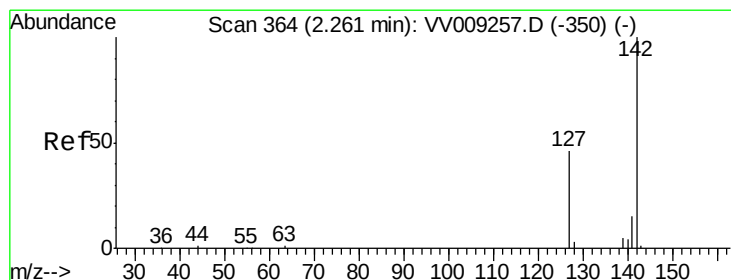
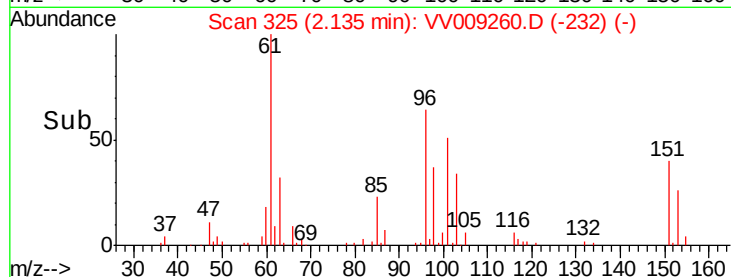
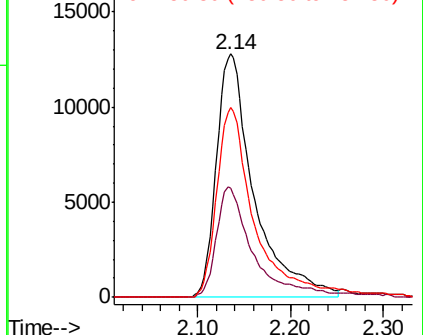
151 78.6 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VV0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.825 ug/l

RT: 2.26 min Scan# 364

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

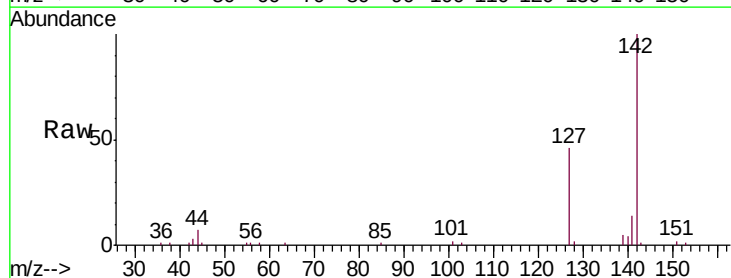
Tgt Ion:142 Resp: 58878

Ion Ratio Lower Upper

142 100

127 45.8 36.8 55.2

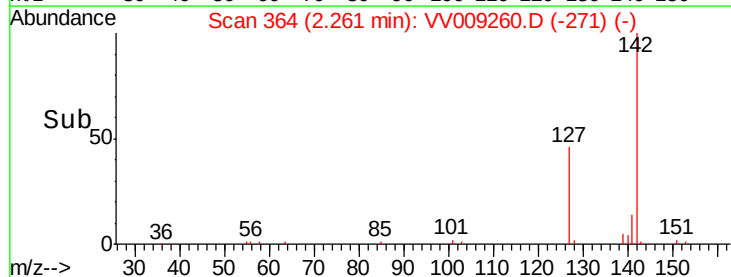
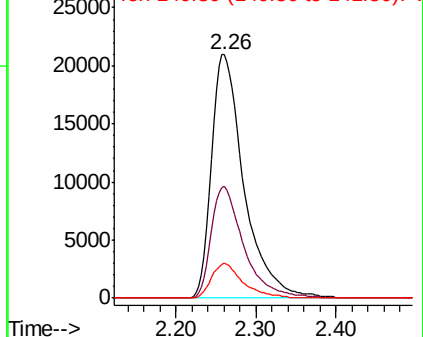
141 13.7 11.6 17.4

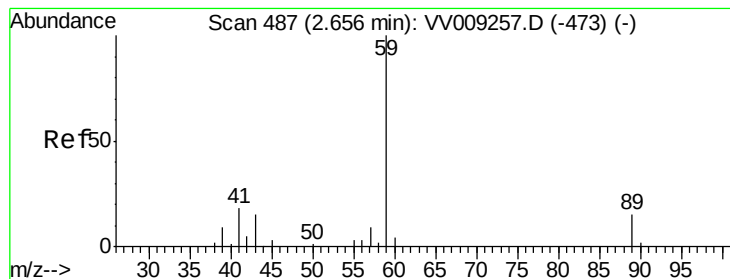


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



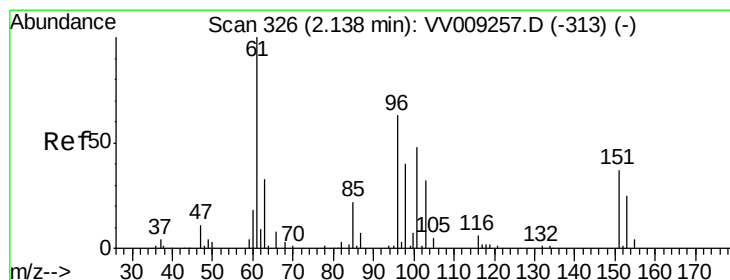
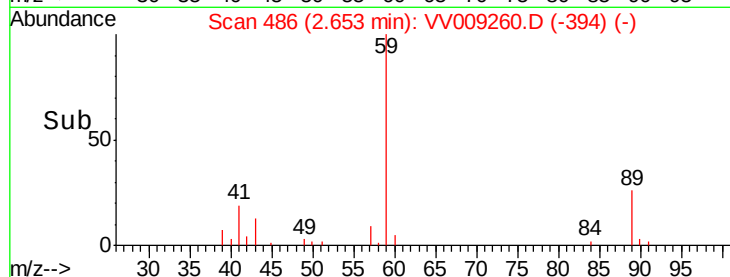
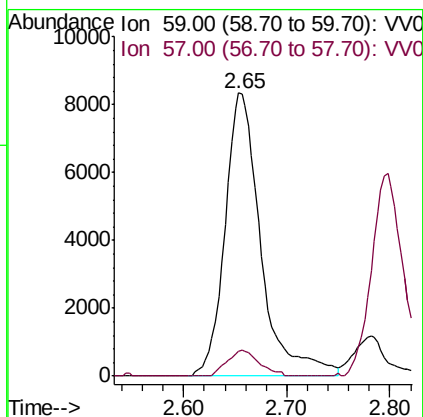
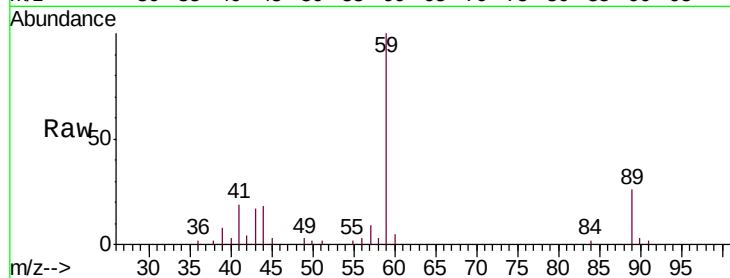


#11

Tert butyl alcohol
 Concen: 267.764 ug/l
 RT: 2.65 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV012419

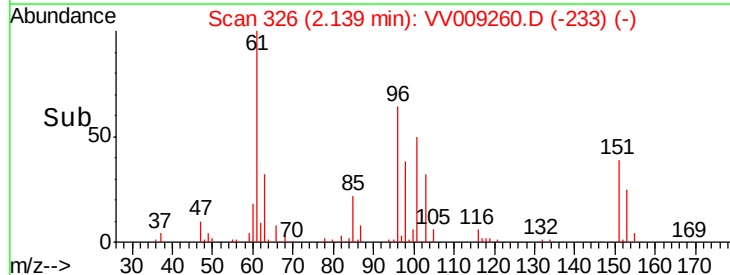
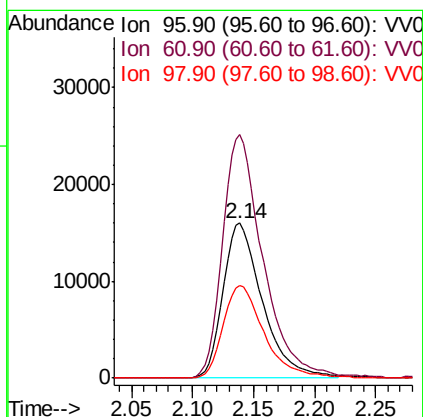
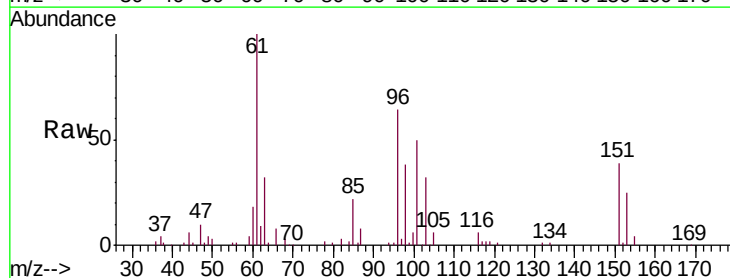
Tgt Ion: 59 Resp: 20233
 Ion Ratio Lower Upper
 59 100
 57 8.2 7.0 10.4

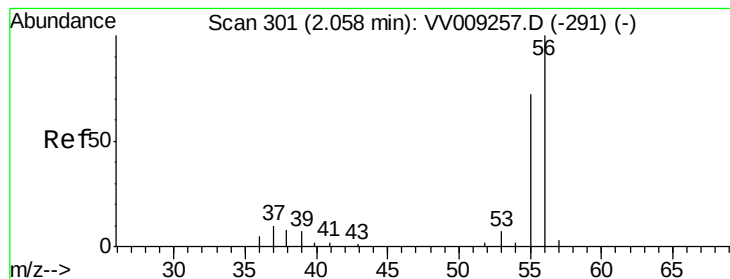


#12

1,1-Dichloroethene
 Concen: 45.687 ug/l
 RT: 2.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

Tgt Ion: 96 Resp: 36233
 Ion Ratio Lower Upper
 96 100
 61 157.3 127.2 190.8
 98 59.9 51.5 77.3





#13

Acrolein

Concen: 260.720 ug/l

RT: 2.06 min Scan# 300

Delta R.T. -0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

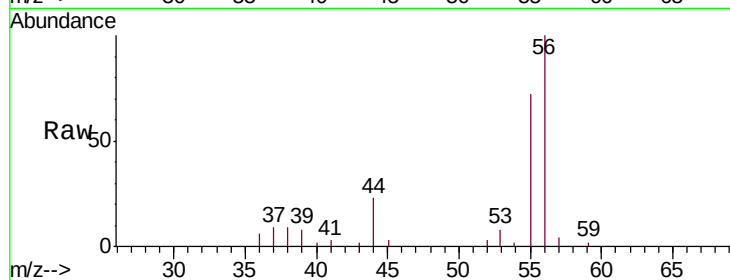
ICVV012419

Tgt Ion: 56 Resp: 11963

Ion Ratio Lower Upper

56 100

55 69.2 54.8 82.2

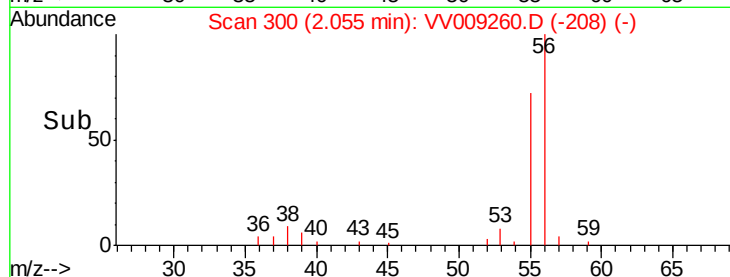


Abundance Ion 56.00 (55.70 to 56.70): VV009257.D (-291) (-)

Ion 55.00 (54.70 to 55.70): VV009257.D (-291) (-)

2.06

Time-->

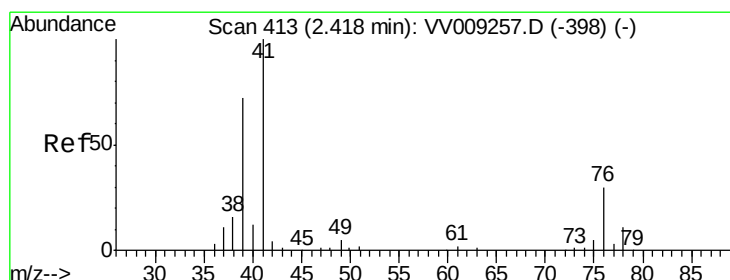


Abundance Ion 56.00 (55.70 to 56.70): VV009260.D (-208) (-)

Ion 55.00 (54.70 to 55.70): VV009260.D (-208) (-)

2.06

Time-->



#14

Allyl chloride

Concen: 46.672 ug/l

RT: 2.42 min Scan# 413

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

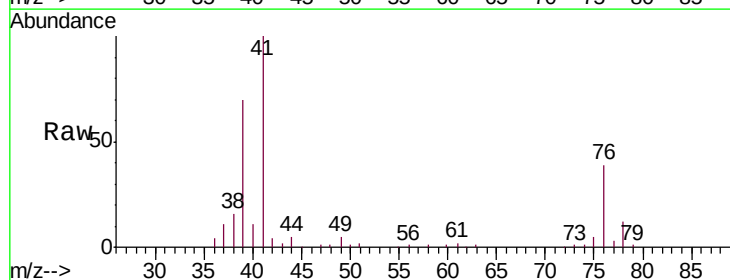
Tgt Ion: 41 Resp: 55288

Ion Ratio Lower Upper

41 100

39 66.8 56.4 84.6

76 38.3 30.6 46.0



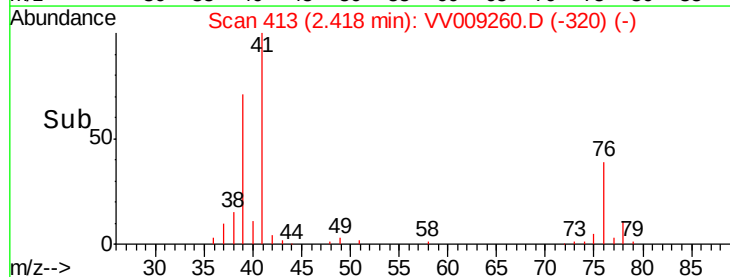
Abundance Ion 41.00 (40.70 to 41.70): VV009257.D (-398) (-)

Ion 39.00 (38.70 to 39.70): VV009257.D (-398) (-)

Ion 75.90 (75.60 to 76.60): VV009257.D (-398) (-)

2.42

Time-->



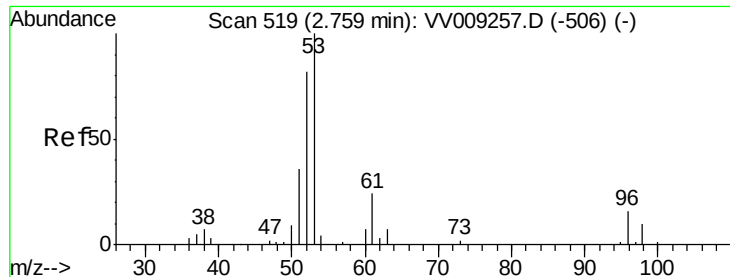
Abundance Ion 41.00 (40.70 to 41.70): VV009260.D (-320) (-)

Ion 39.00 (38.70 to 39.70): VV009260.D (-320) (-)

Ion 75.90 (75.60 to 76.60): VV009260.D (-320) (-)

2.42

Time-->



#15

Acrylonitrile

Concen: 255.368 ug/l

RT: 2.76 min Scan# 519

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

ICVV012419

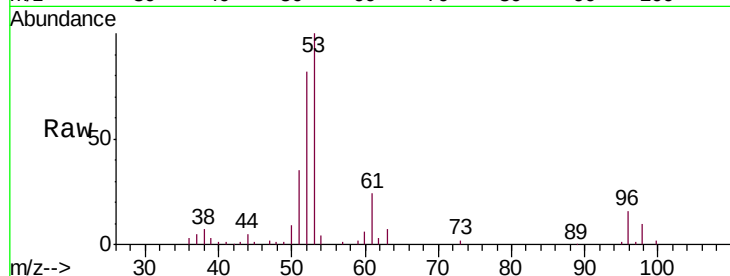
Tgt Ion: 53 Resp: 51050

Ion Ratio Lower Upper

53 100

52 78.3 67.2 100.8

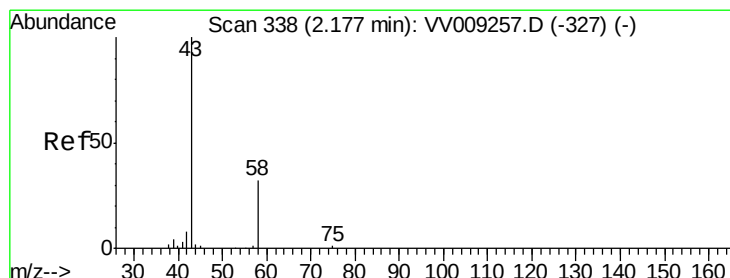
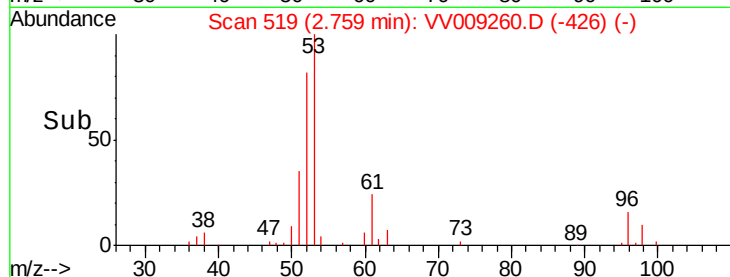
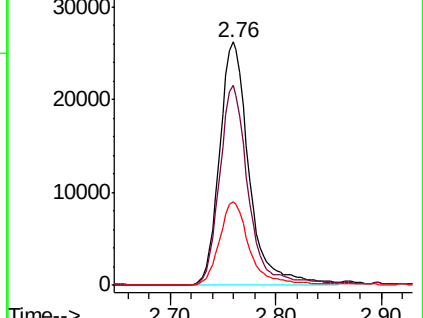
51 34.8 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VV009260.D (-426) (-)

Ion 52.00 (51.70 to 52.70): VV009260.D (-426) (-)

Ion 51.00 (50.70 to 51.70): VV009260.D (-426) (-)



#16

Acetone

Concen: 242.709 ug/l

RT: 2.18 min Scan# 338

Delta R.T. 0.00 min

Lab File: VV009260.D

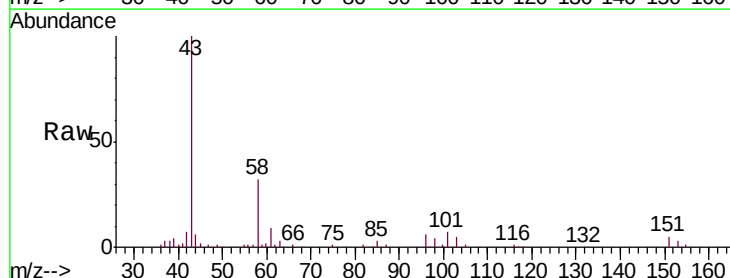
Acq: 24 Jan 2019 15:11

Tgt Ion: 43 Resp: 60992

Ion Ratio Lower Upper

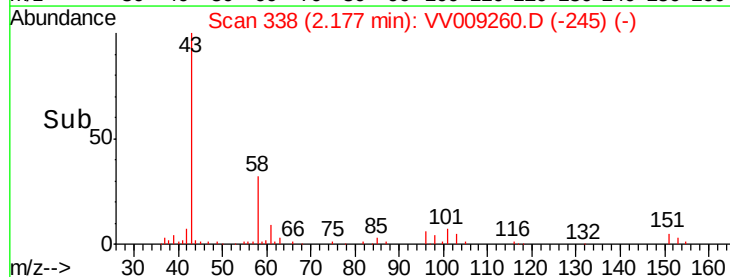
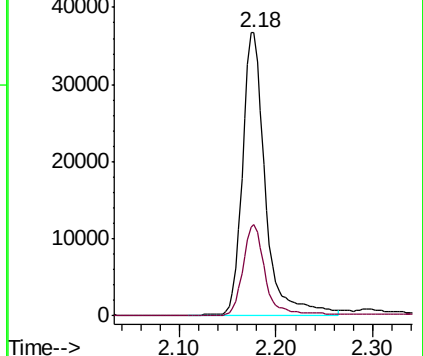
43 100

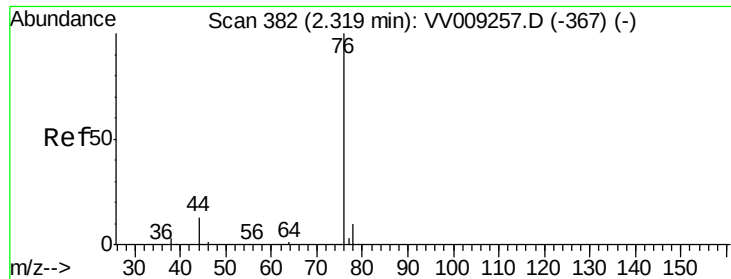
58 32.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VV009260.D (-245) (-)

Ion 58.00 (57.70 to 58.70): VV009260.D (-245) (-)





#17

Carbon Disulfide

Concen: 47.070 ug/l

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

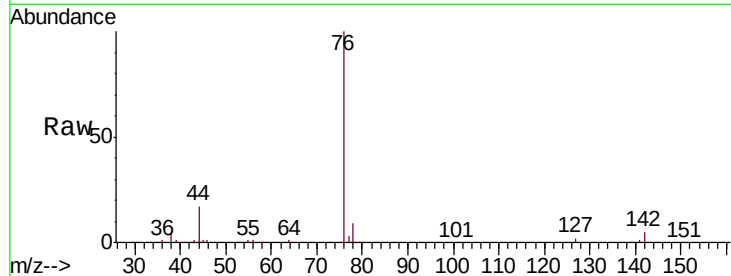
ICVVV012419

Tgt Ion: 76 Resp: 104803

Ion Ratio Lower Upper

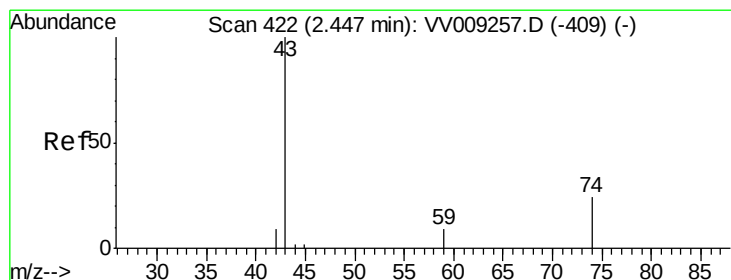
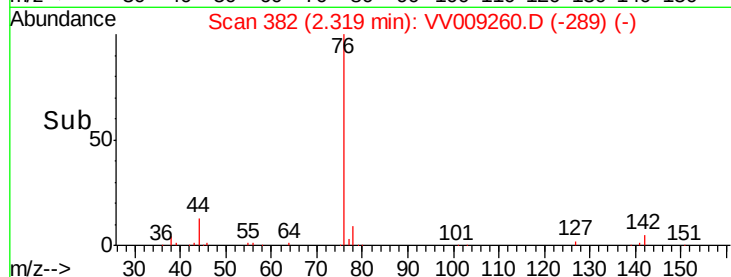
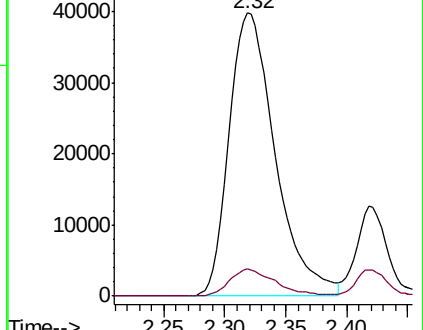
76 100

78 9.5 7.9 11.9



Abundance Ion 75.90 (75.60 to 76.60): VV009257.D (-367) (-)

Ion 77.90 (77.60 to 78.60): VV009257.D (-367) (-)



#18

Methyl Acetate

Concen: 48.172 ug/l

RT: 2.44 min Scan# 421

Delta R.T. -0.00 min

Lab File: VV009260.D

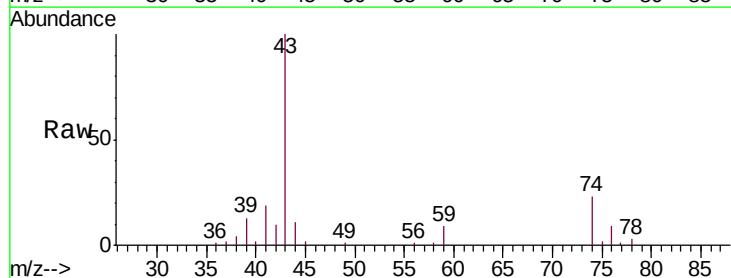
Acq: 24 Jan 2019 15:11

Tgt Ion: 43 Resp: 31716

Ion Ratio Lower Upper

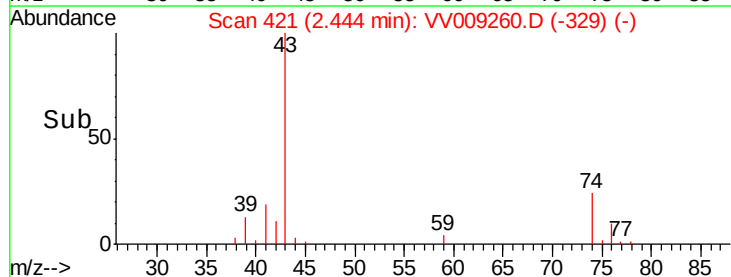
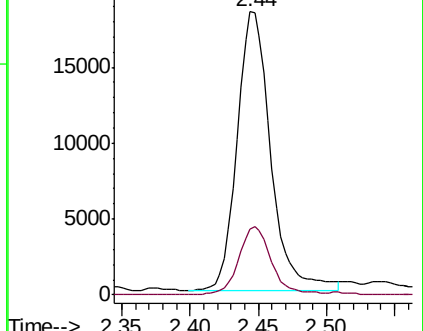
43 100

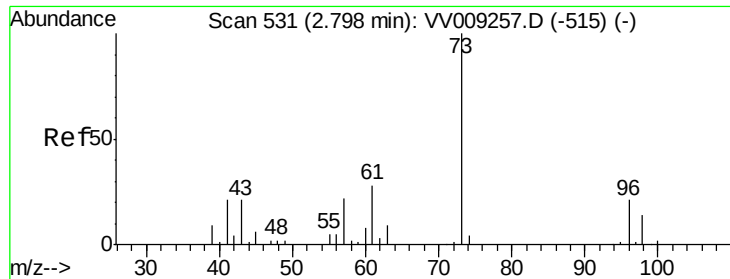
74 23.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VV009257.D (-409) (-)

Ion 74.00 (73.70 to 74.70): VV009257.D (-409) (-)

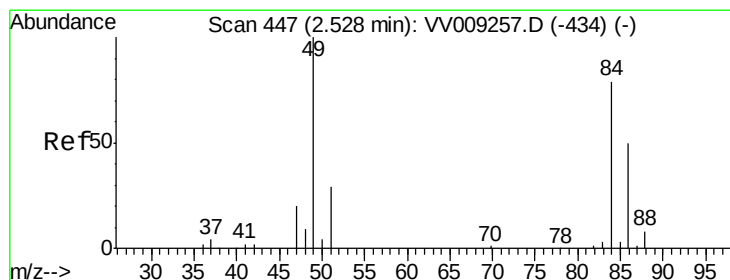
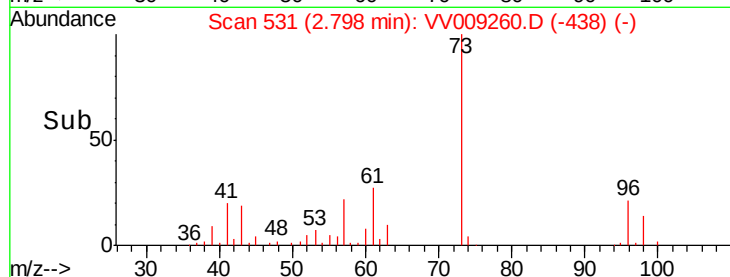
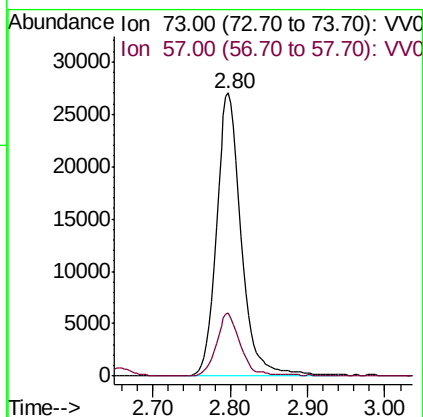
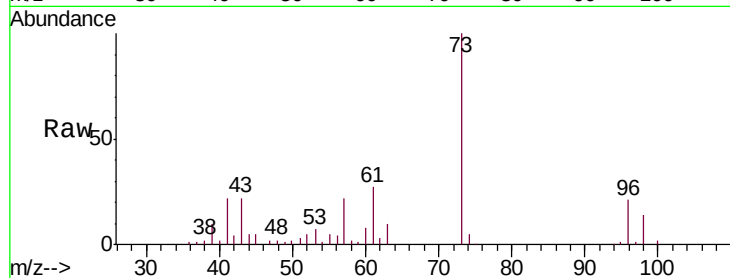




#19
Methyl tert-butyl Ether
Concen: 48.724 ug/l
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

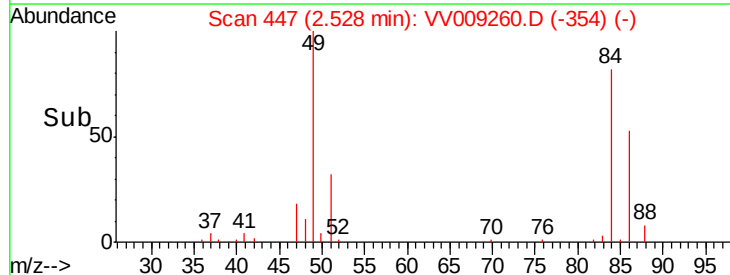
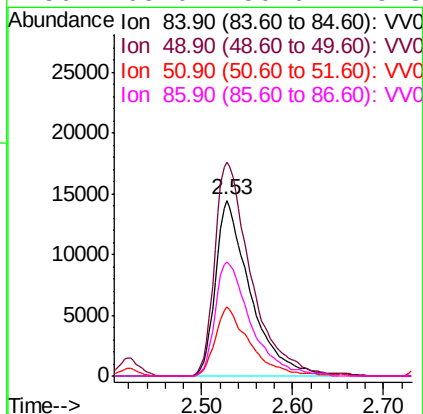
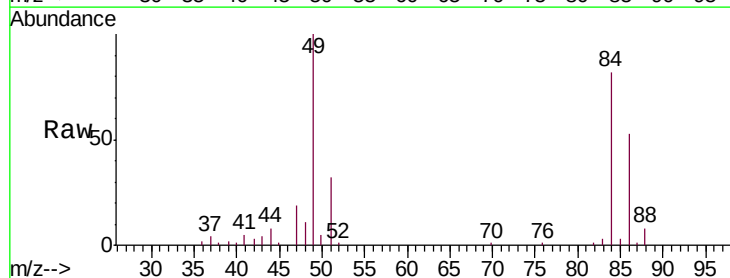
Instrument :
MSVOA_V
ClientSampleId :
ICVVV012419

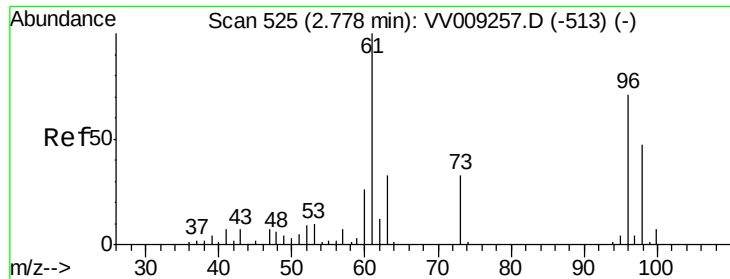
Tgt Ion: 73 Resp: 60488
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 43.213 ug/l
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

Tgt Ion: 84 Resp: 38541
Ion Ratio Lower Upper
84 100
49 121.8 101.5 152.3
51 39.1 29.6 44.4
86 65.0 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 45.514 ug/l

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

ICVVV012419

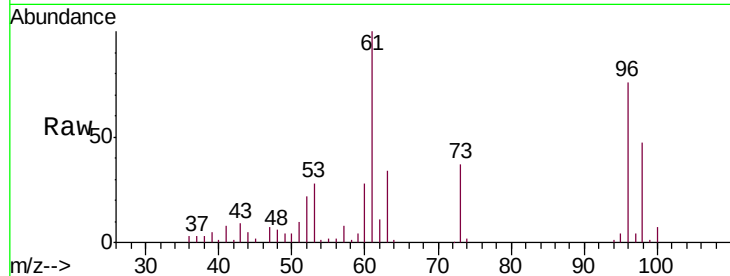
Tgt Ion: 96 Resp: 37378

Ion Ratio Lower Upper

96 100

61 130.9 112.1 168.1

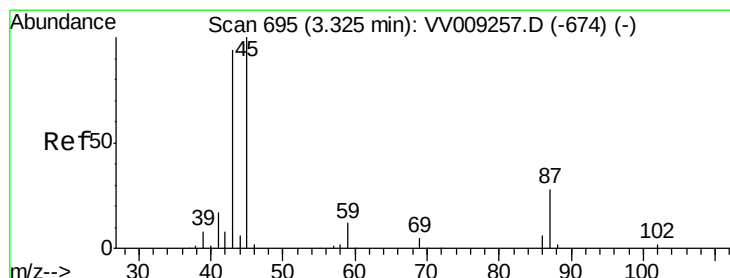
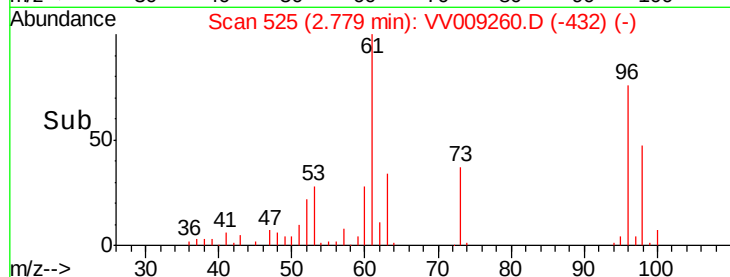
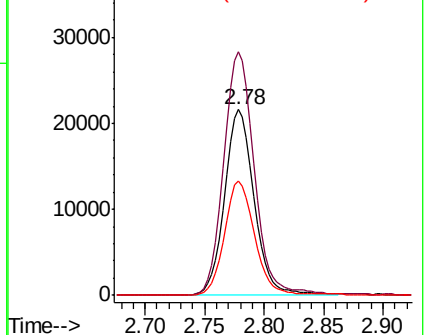
98 61.4 52.8 79.2



Abundance Ion 95.90 (95.60 to 96.60): VV009260.D (-432) (-)

Ion 60.90 (60.60 to 61.60): VV009260.D (-432) (-)

Ion 97.90 (97.60 to 98.60): VV009260.D (-432) (-)



#22

Diisopropyl ether

Concen: 44.475 ug/l

RT: 3.33 min Scan# 695

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Tgt Ion: 45 Resp: 125921

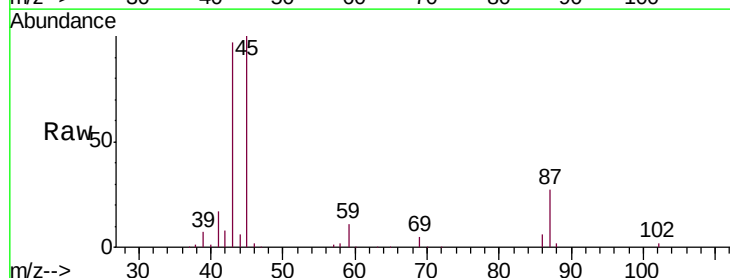
Ion Ratio Lower Upper

45 100

43 92.4 75.3 112.9

87 27.0 22.4 33.6

59 11.0 9.3 13.9

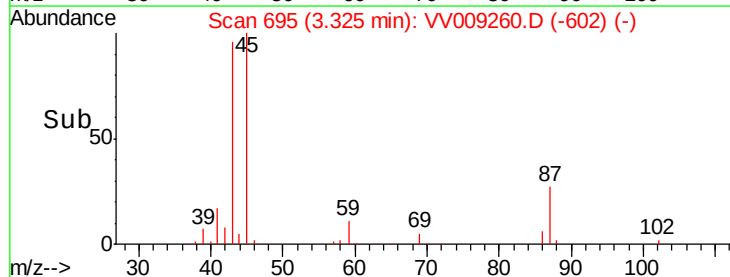
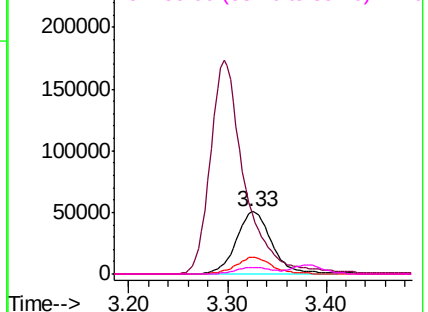


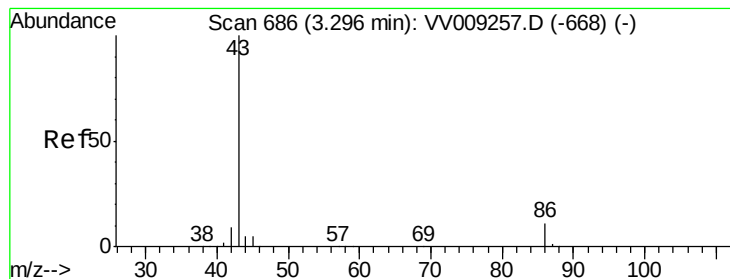
Abundance Ion 45.00 (44.70 to 45.70): VV009260.D (-602) (-)

Ion 43.00 (42.70 to 43.70): VV009260.D (-602) (-)

Ion 87.00 (86.70 to 87.70): VV009260.D (-602) (-)

Ion 59.00 (58.70 to 59.70): VV009260.D (-602) (-)





#23

Vinyl Acetate

Concen: 242.488 ug/l

RT: 3.30 min Scan# 686

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

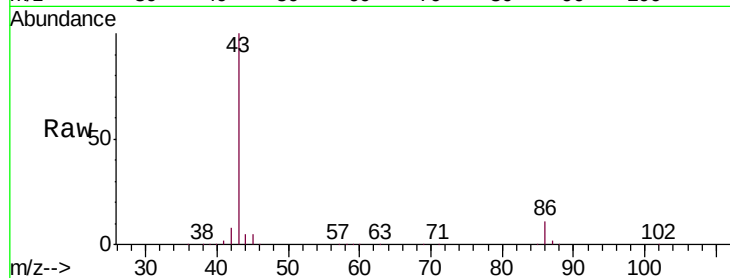
ICVV012419

Tgt Ion: 43 Resp: 423257

Ion Ratio Lower Upper

43 100

86 10.7 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VV009260.D (-593) (-)

Ion 86.00 (85.70 to 86.70): VV009260.D (-593) (-)

3.30

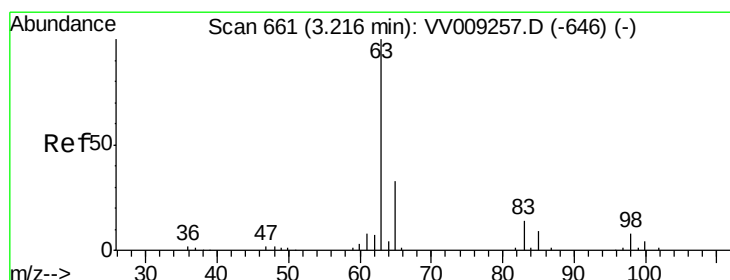
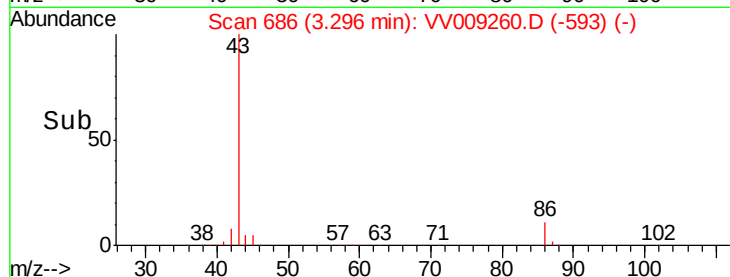
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 42.675 ug/l

RT: 3.22 min Scan# 661

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

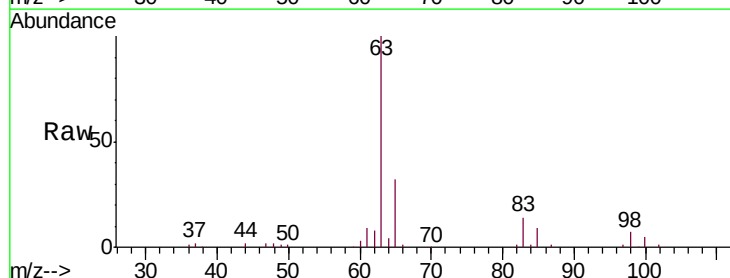
Tgt Ion: 63 Resp: 74620

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.8 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VV009260.D (-568) (-)

Ion 97.90 (97.60 to 98.60): VV009260.D (-568) (-)

Ion 99.90 (99.60 to 100.60): VV009260.D (-568) (-)

3.22

40000

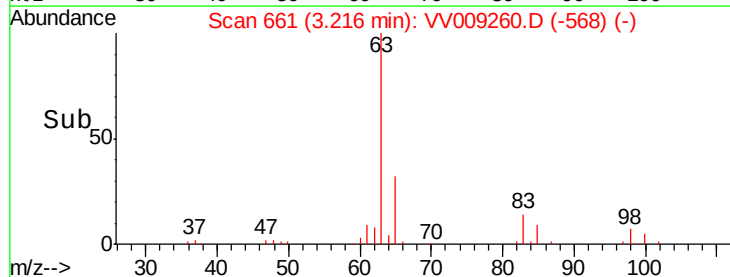
30000

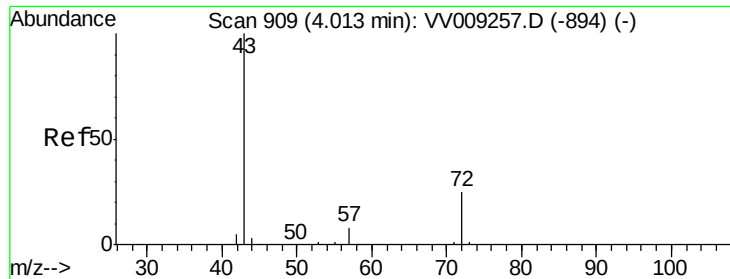
20000

10000

0

Time-->





#25

2-Butanone

Concen: 243.552 ug/l

RT: 4.01 min Scan# 909

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

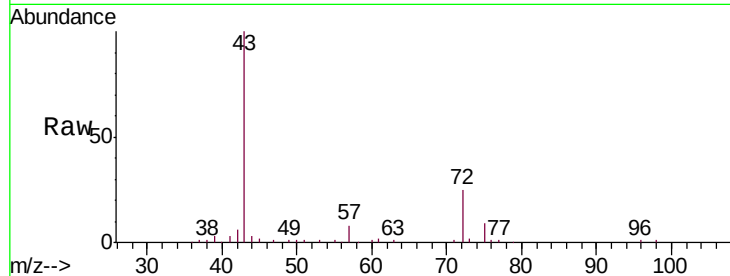
ICVVV012419

Tgt Ion: 43 Resp: 83930

Ion Ratio Lower Upper

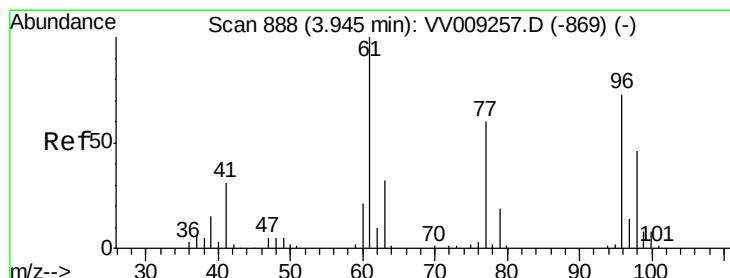
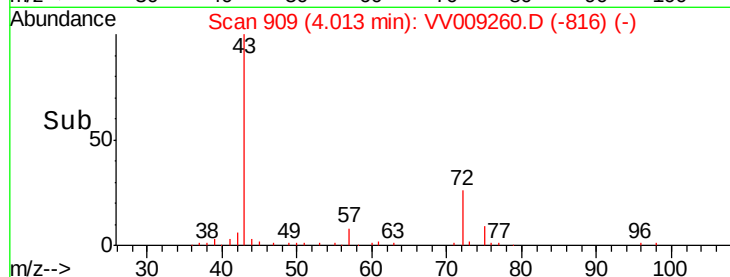
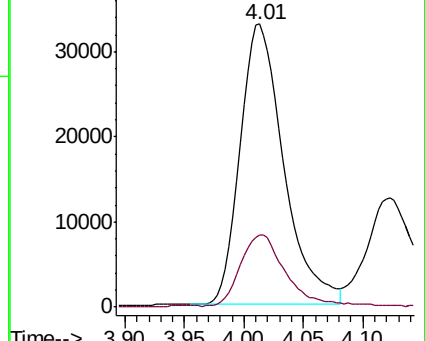
43 100

72 25.0 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0



#26

2,2-Dichloropropane

Concen: 45.787 ug/l

RT: 3.95 min Scan# 888

Delta R.T. 0.00 min

Lab File: VV009260.D

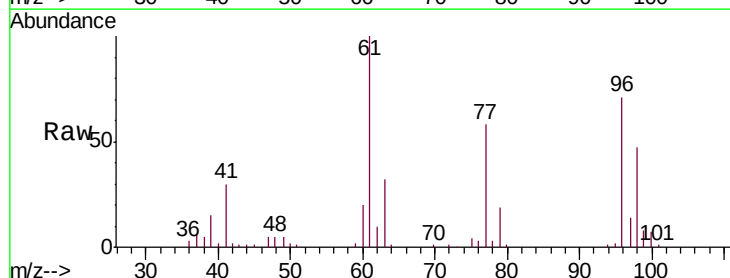
Acq: 24 Jan 2019 15:11

Tgt Ion: 77 Resp: 40601

Ion Ratio Lower Upper

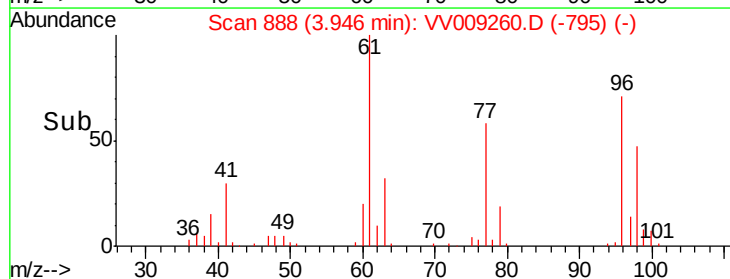
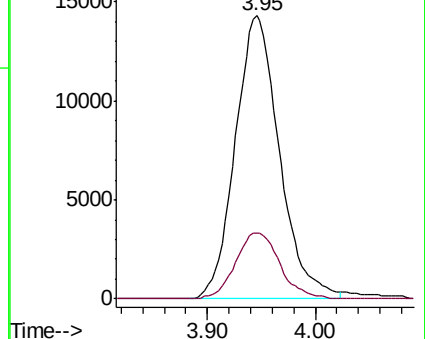
77 100

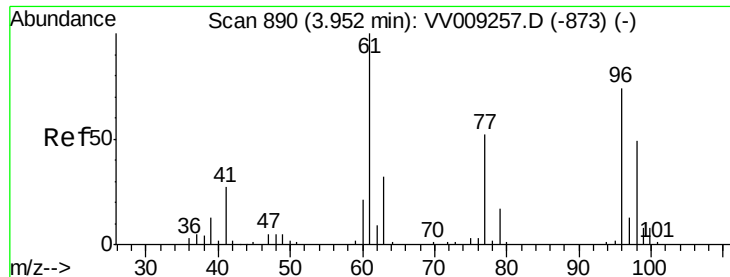
97 23.4 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VV0

Ion 96.90 (96.60 to 97.60): VV0



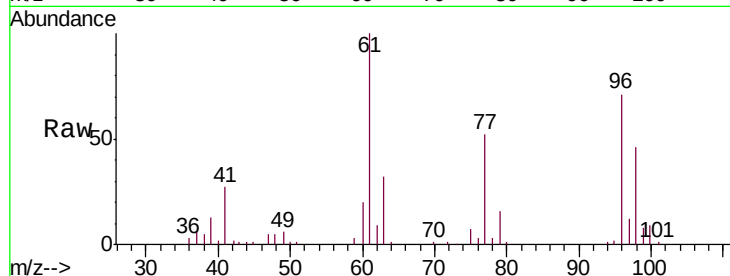


#27

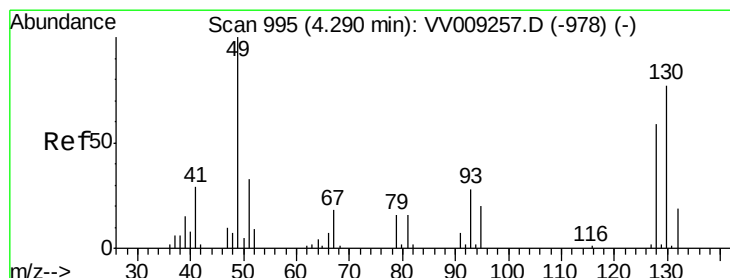
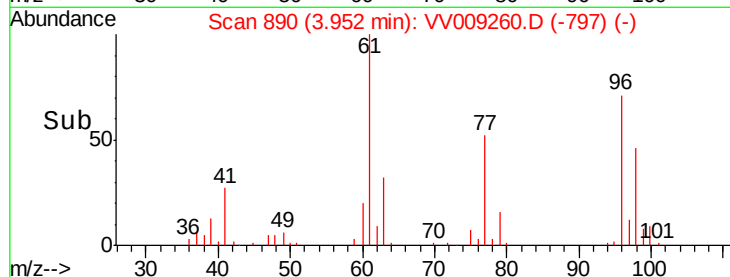
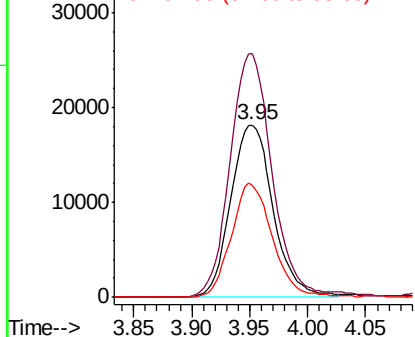
cis-1,2-Dichloroethene
Concen: 44.355 ug/l
RT: 3.95 min Scan# 890
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

Instrument :
MSVOA_V
ClientSampleId :
ICVVV012419

Tgt Ion: 96 Resp: 46191
Ion Ratio Lower Upper
96 100
61 141.3 0.0 277.6
98 64.0 0.0 127.6



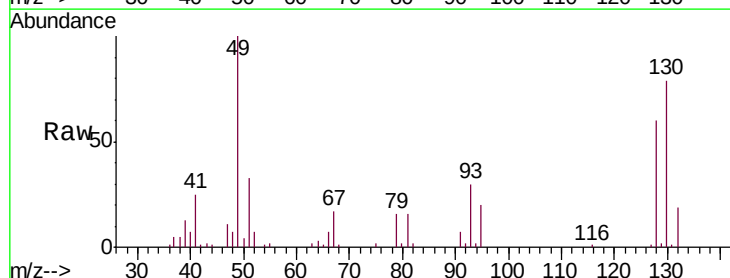
Abundance Ion 95.90 (95.60 to 96.60): VV0
Ion 60.90 (60.60 to 61.60): VV0
Ion 97.90 (97.60 to 98.60): VV0



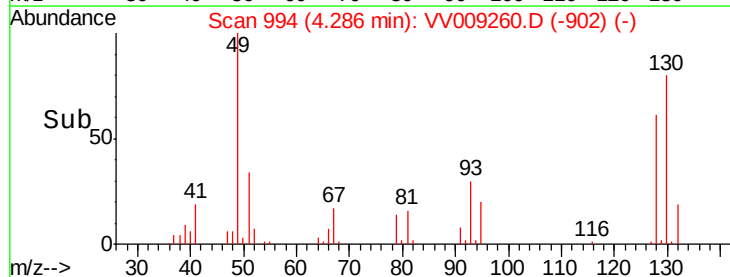
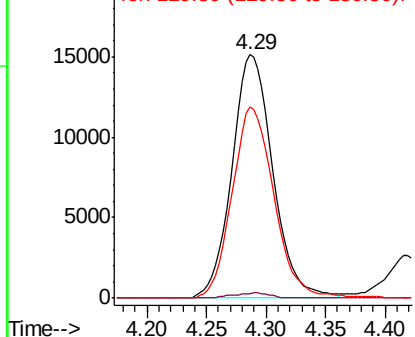
#28

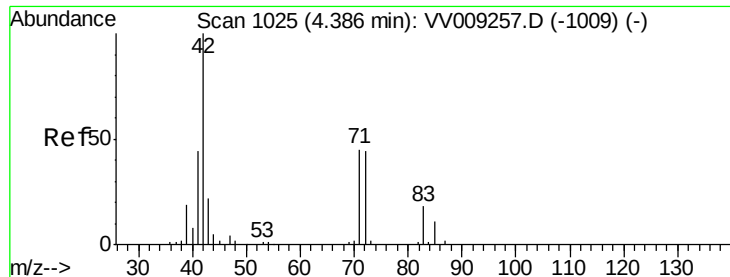
Bromochloromethane
Concen: 51.407 ug/l
RT: 4.29 min Scan# 994
Delta R.T. -0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

Tgt Ion: 49 Resp: 36062
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 80.4 63.8 95.8



Abundance Ion 48.90 (48.60 to 49.60): VV0
Ion 128.80 (128.50 to 129.50): VV0
Ion 129.80 (129.50 to 130.50): VV0

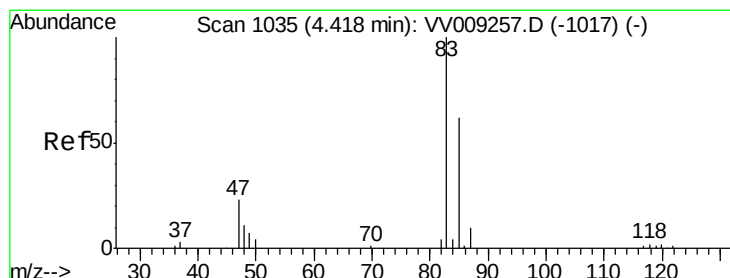
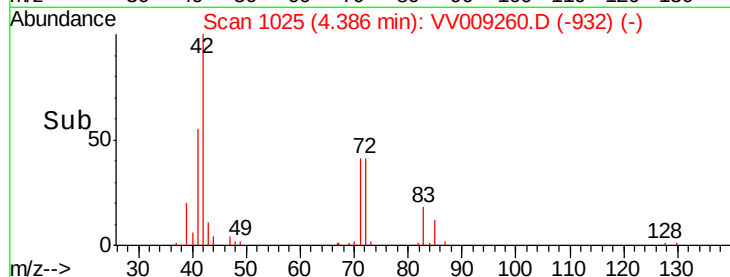
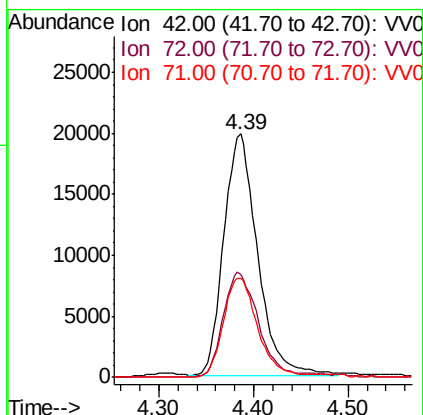
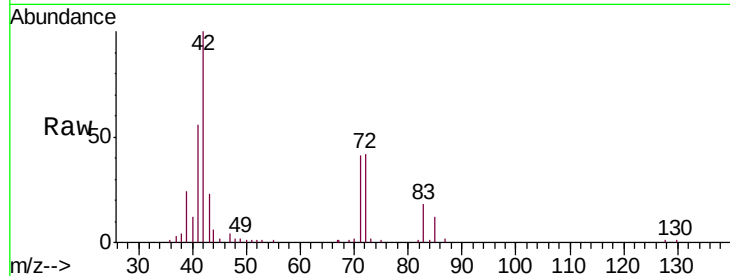




#29
Tetrahydrofuran
Concen: 251.210 ug/l
RT: 4.39 min Scan# 1025
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

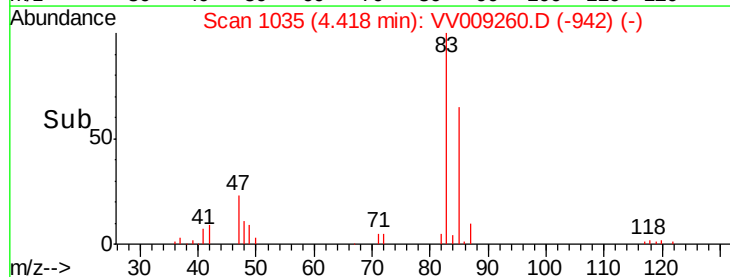
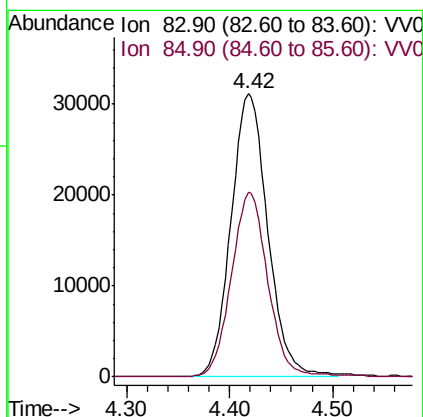
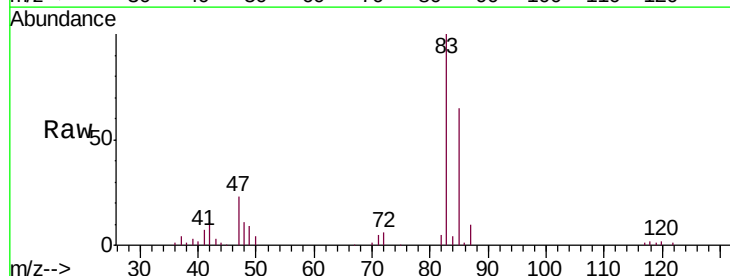
Instrument :
MSVOA_V
ClientSampleId :
ICVVV012419

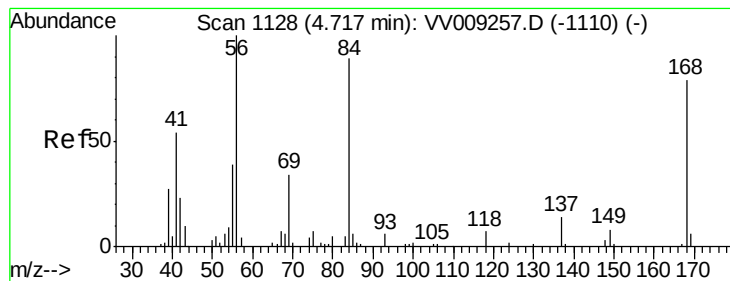
Tgt Ion: 42 Resp: 49340
Ion Ratio Lower Upper
42 100
72 45.0 36.0 54.0
71 41.9 33.3 49.9



#30
Chloroform
Concen: 44.095 ug/l
RT: 4.42 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

Tgt Ion: 83 Resp: 77475
Ion Ratio Lower Upper
83 100
85 65.1 49.9 74.9





#31

Cyclohexane

Concen: 43.333 ug/l

RT: 4.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

ICVV012419

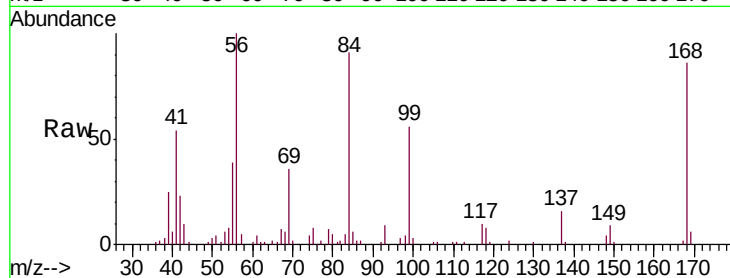
Tgt Ion: 56 Resp: 69854

Ion Ratio Lower Upper

56 100

69 35.5 27.5 41.3

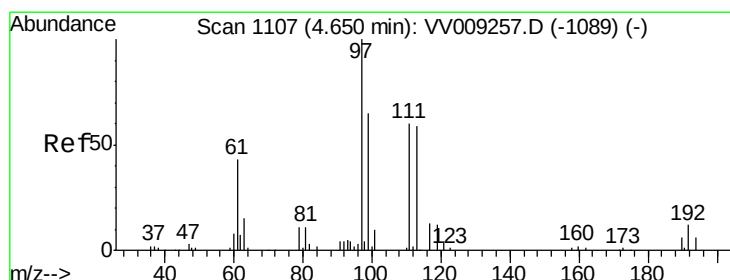
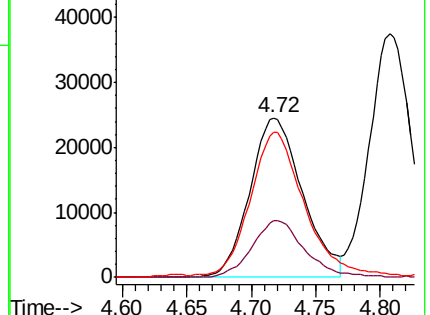
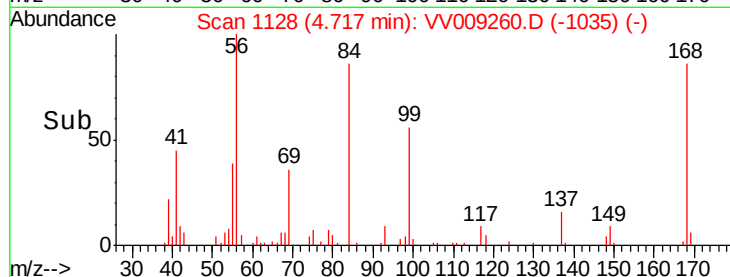
84 89.6 70.9 106.3



Abundance Ion 56.00 (55.70 to 56.70): VV0

Ion 69.00 (68.70 to 69.70): VV0

Ion 84.00 (83.70 to 84.70): VV0



#32

1,1,1-Trichloroethane

Concen: 44.532 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

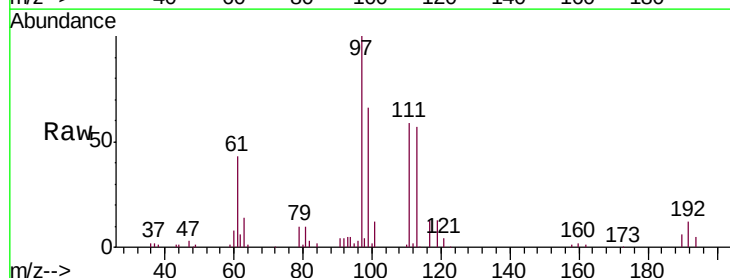
Tgt Ion: 97 Resp: 60833

Ion Ratio Lower Upper

97 100

99 62.8 49.8 74.8

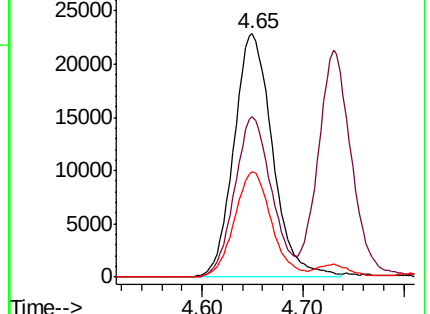
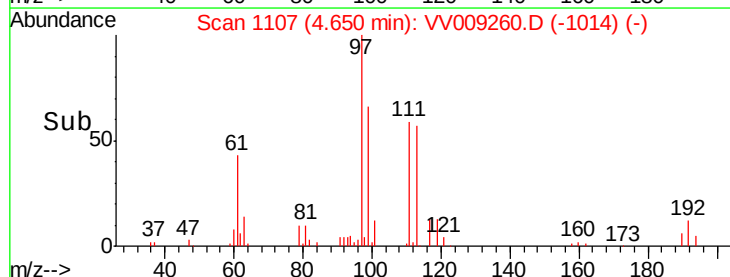
61 41.6 33.4 50.0

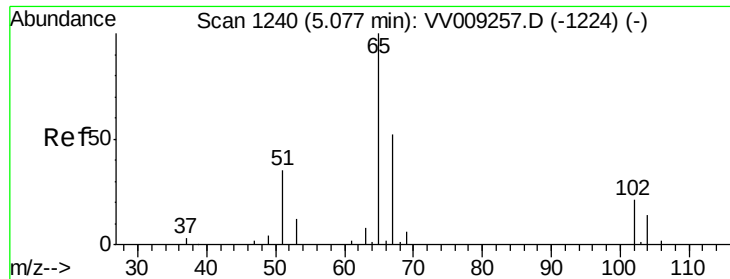


Abundance Ion 96.90 (96.60 to 97.60): VV0

Ion 98.90 (98.60 to 99.60): VV0

Ion 60.90 (60.60 to 61.60): VV0

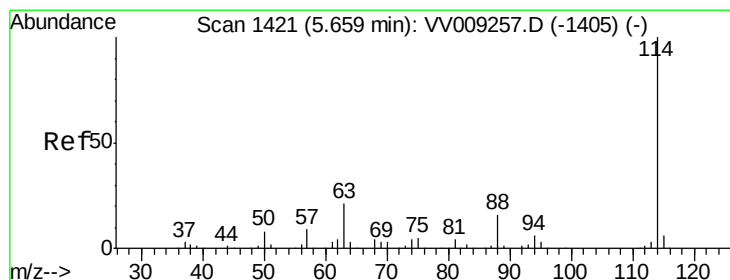
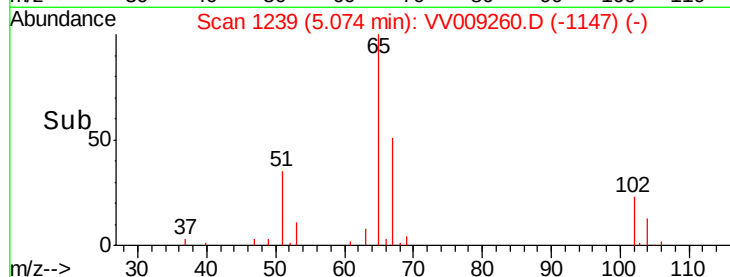
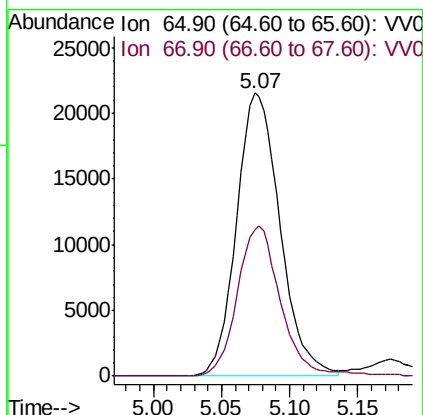
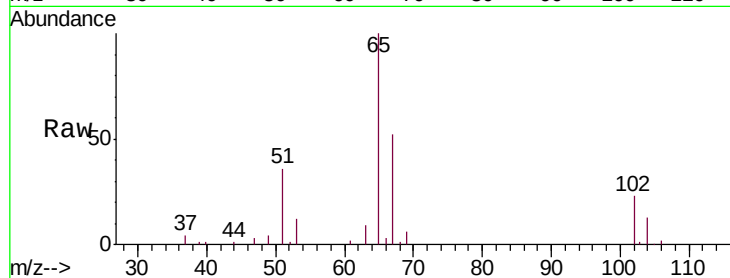




#33
 1,2-Dichloroethane-d4
 Concen: 49.721 ug/l
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

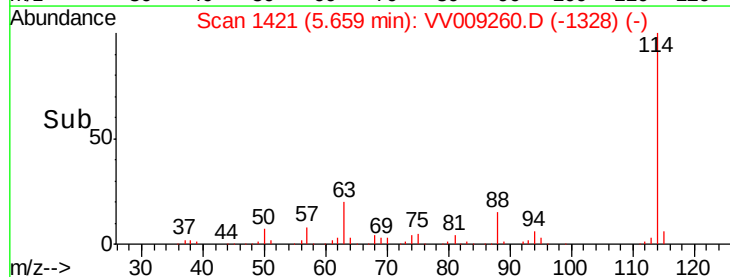
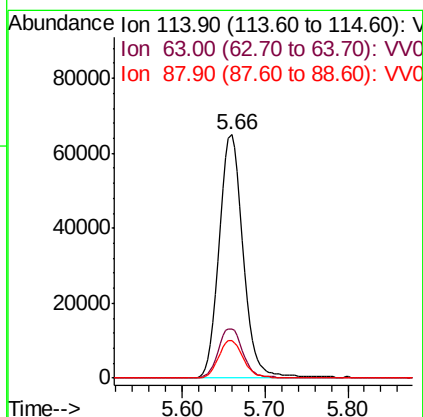
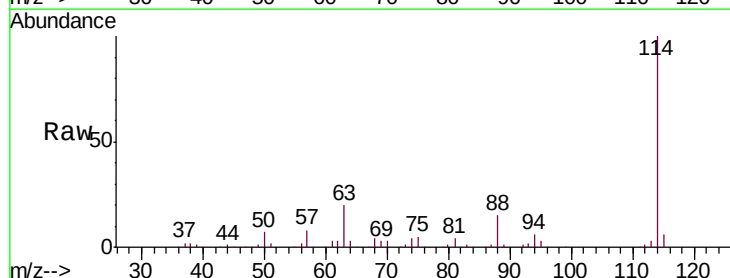
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV012419

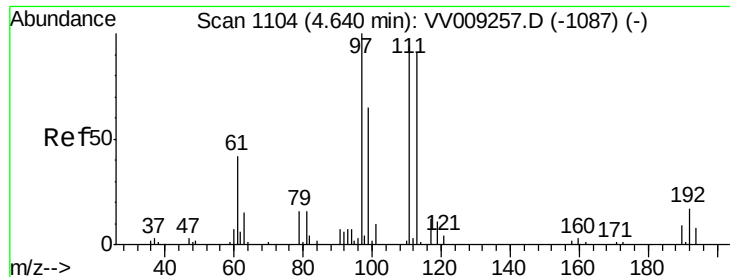
Tgt Ion: 65 Resp: 47733
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

Tgt Ion: 114 Resp: 130491
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.4 0.0 33.0

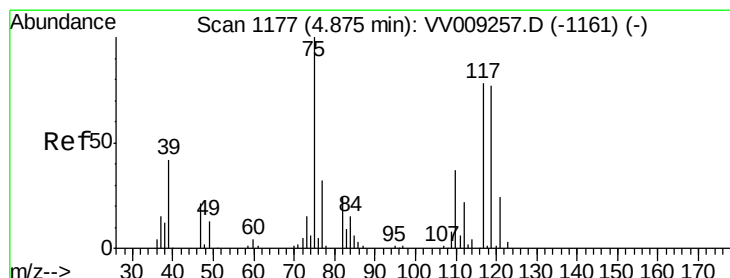
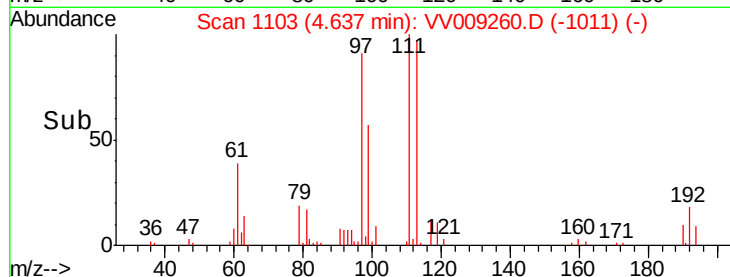
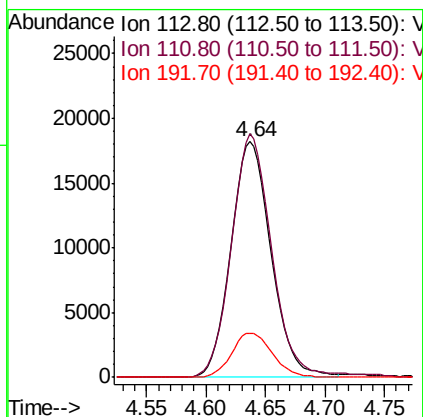
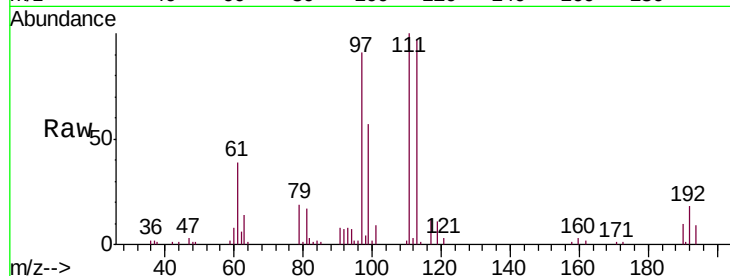




#35
 Dibromofluoromethane
 Concen: 49.613 ug/l
 RT: 4.64 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

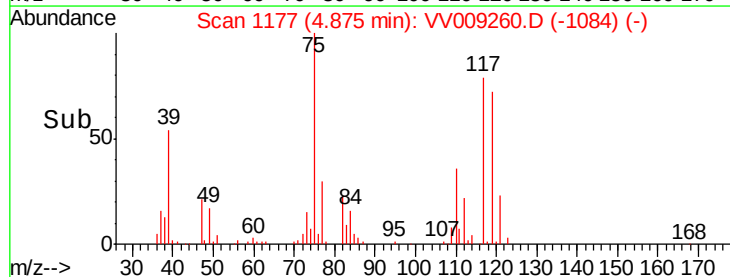
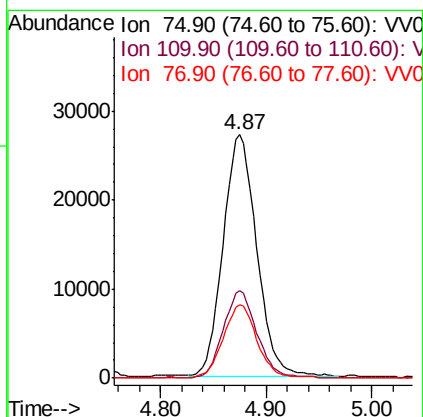
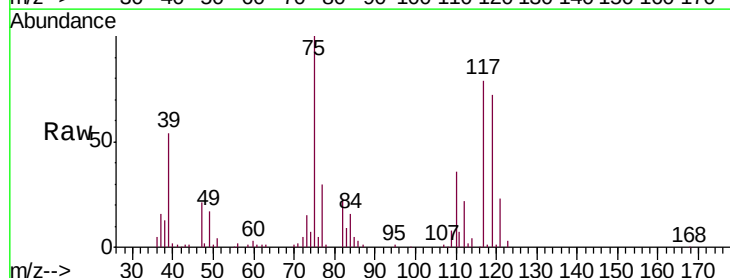
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV012419

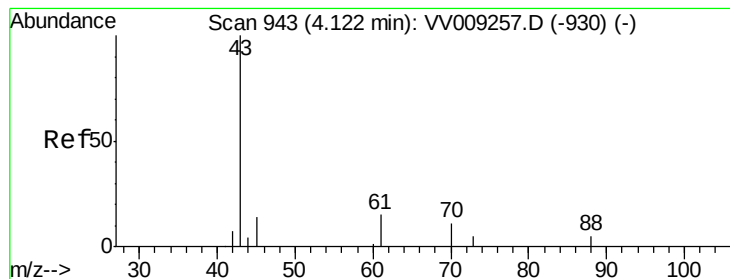
Tgt Ion:113 Resp: 42714
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.3 123.5
 192 19.0 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 45.566 ug/l
 RT: 4.87 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

Tgt Ion: 75 Resp: 59536
 Ion Ratio Lower Upper
 75 100
 110 36.5 17.6 52.9
 77 30.9 25.5 38.3





#37

Ethyl Acetate

Concen: 43.630 ug/l

RT: 4.12 min Scan# 943

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

ICVV012419

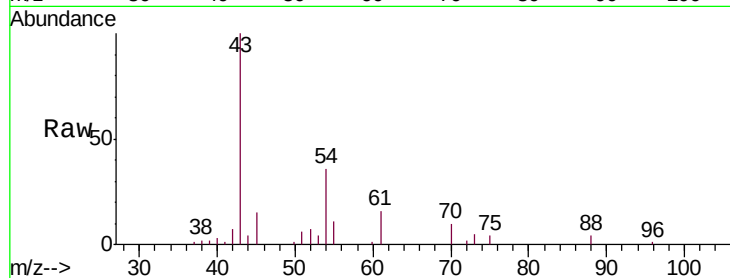
Tgt Ion: 43 Resp: 33245

Ion Ratio Lower Upper

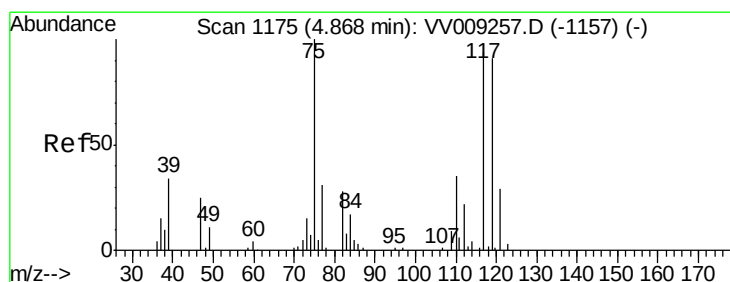
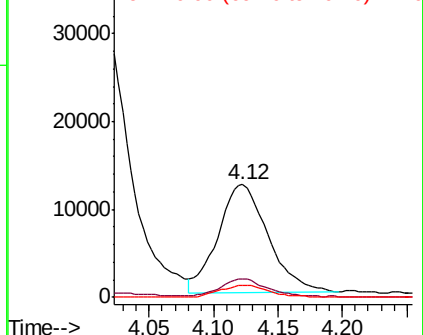
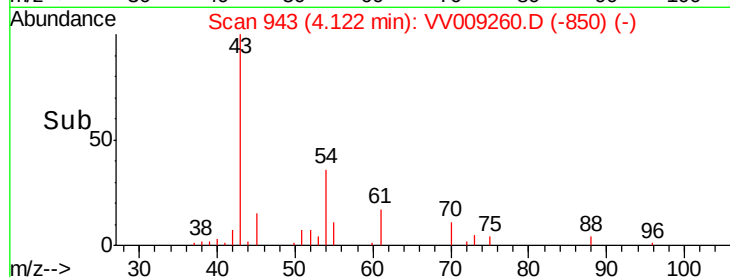
43 100

61 16.4 10.6 15.8#

70 10.7 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VV009260.D (-850) (-)



#38

Carbon Tetrachloride

Concen: 46.551 ug/l

RT: 4.87 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

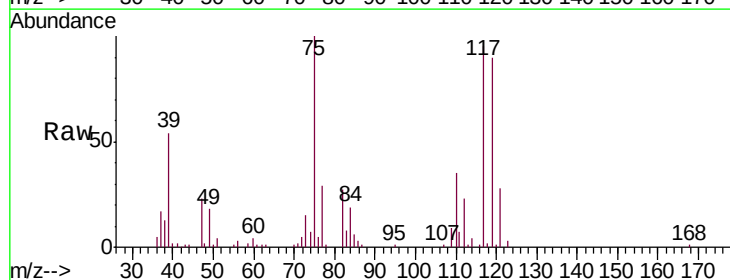
Tgt Ion: 117 Resp: 60149

Ion Ratio Lower Upper

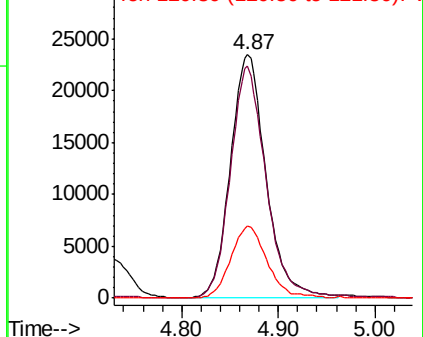
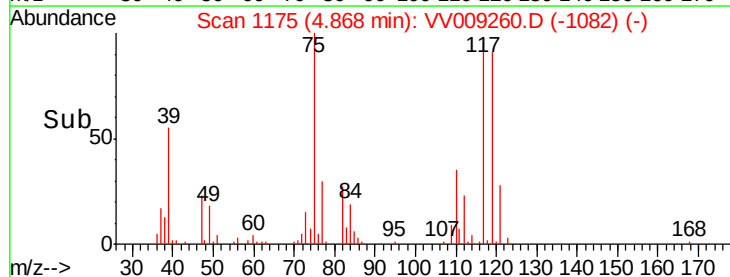
117 100

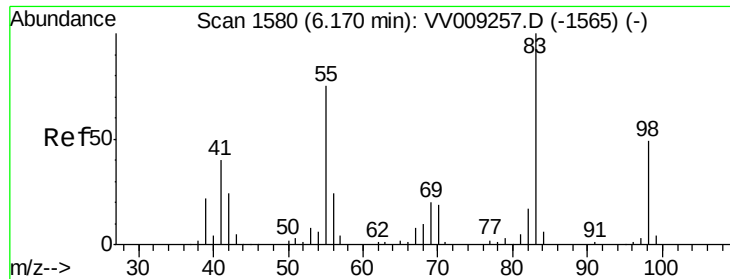
119 95.1 77.4 116.2

121 29.6 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): VV009260.D (-1082) (-)

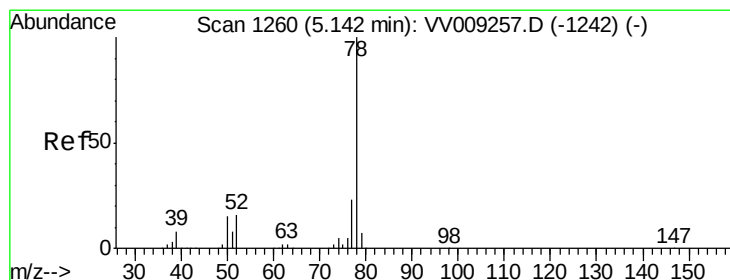
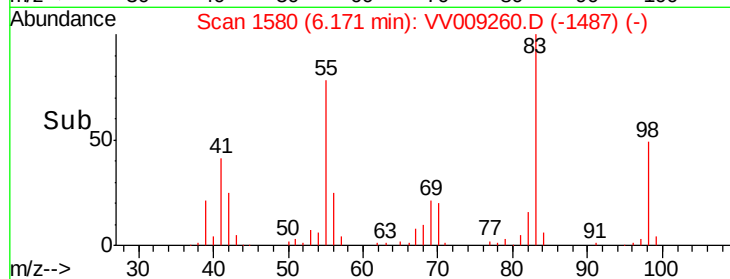
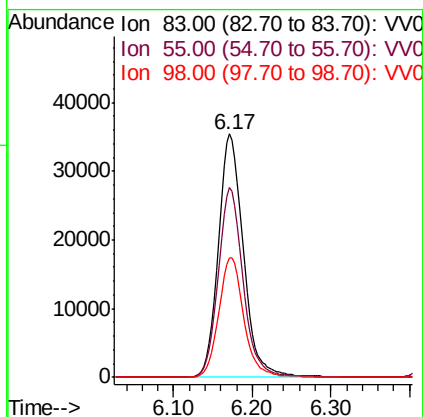
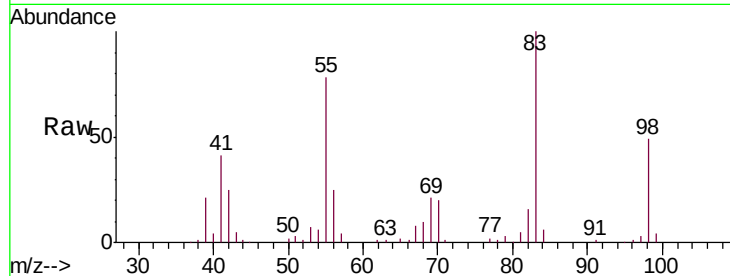




#39
Methylcyclohexane
Concen: 47.423 ug/l
RT: 6.17 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

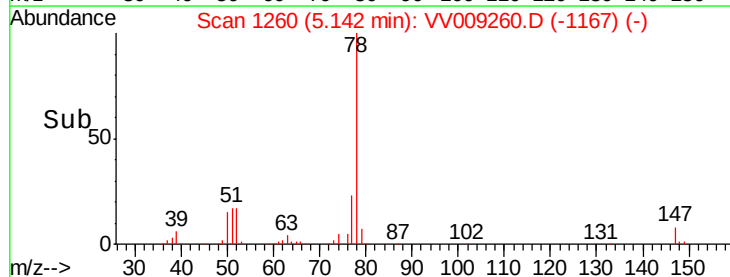
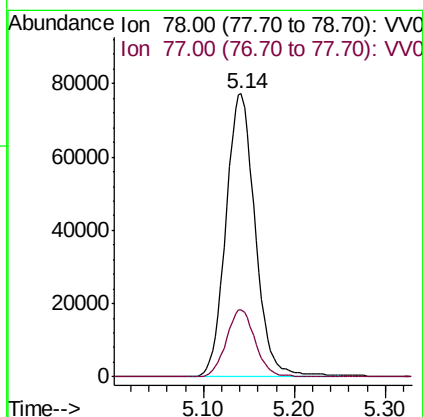
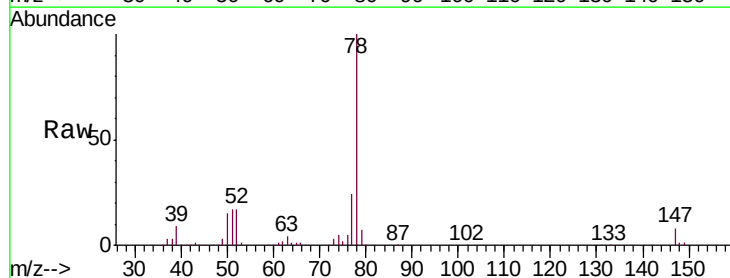
Instrument :
MSVOA_V
ClientSampleId :
ICVV012419

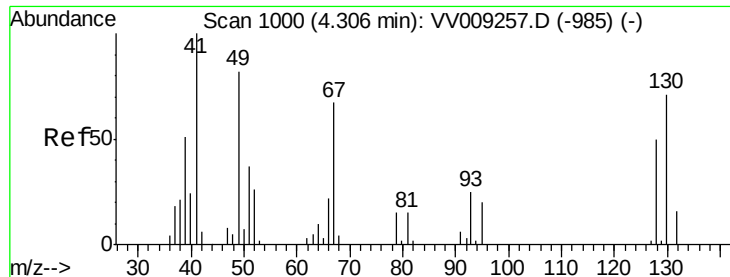
Tgt Ion: 83 Resp: 77656
Ion Ratio Lower Upper
83 100
55 78.2 60.1 90.1
98 49.0 39.2 58.8



#40
Benzene
Concen: 44.873 ug/l
RT: 5.14 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

Tgt Ion: 78 Resp: 172737
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8

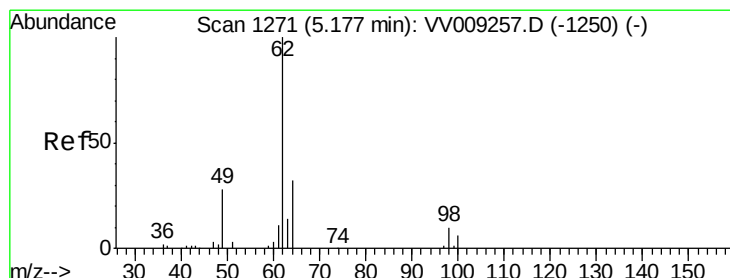
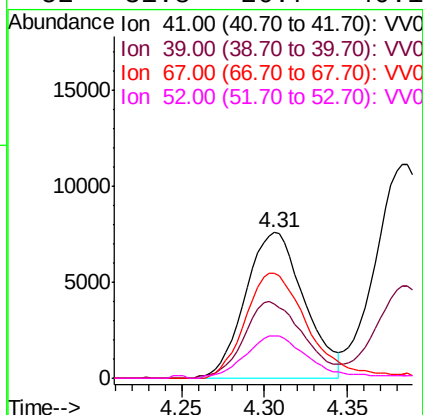
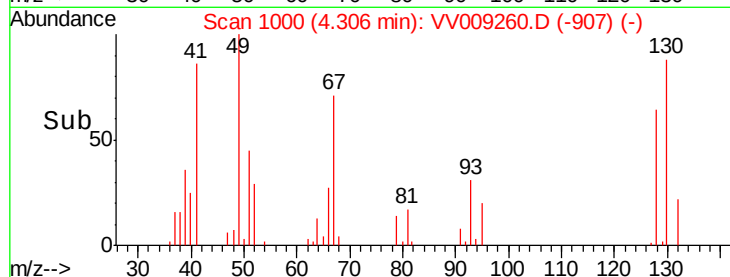
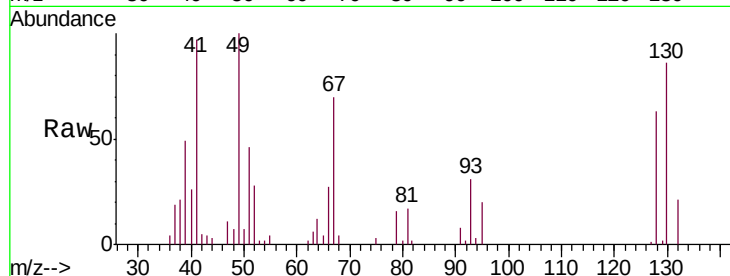




#41
Methacrylonitrile
Concen: 49.444 ug/l
RT: 4.31 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

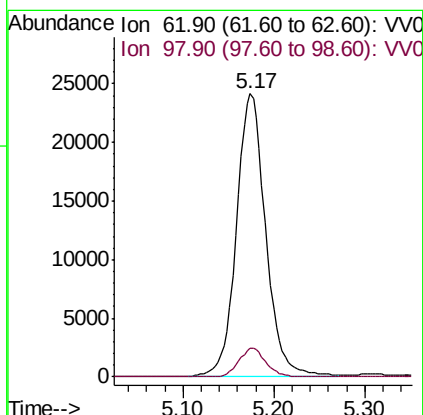
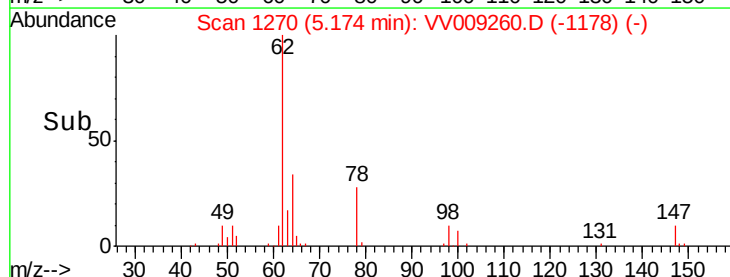
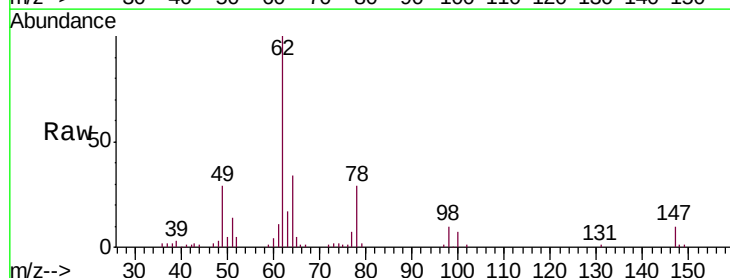
Instrument :
MSVOA_V
ClientSampleId :
ICVV012419

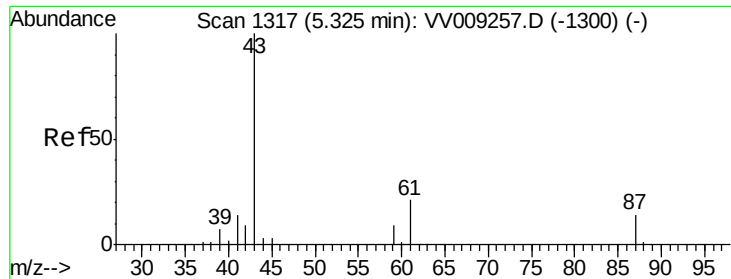
Tgt Ion: 41 Resp: 18822
Ion Ratio Lower Upper
41 100
39 52.9 42.3 63.5
67 77.3 57.4 86.2
52 31.8 26.7 40.1



#42
1,2-Dichloroethane
Concen: 45.311 ug/l
RT: 5.17 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

Tgt Ion: 62 Resp: 54235
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.2





#43

Isopropyl Acetate

Concen: 48.978 ug/l

RT: 5.33 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

ICVVV012419

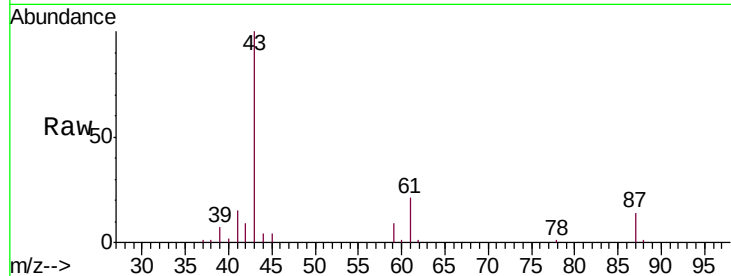
Tgt Ion: 43 Resp: 61993

Ion Ratio Lower Upper

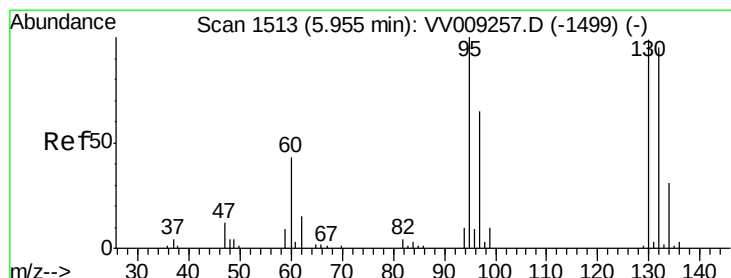
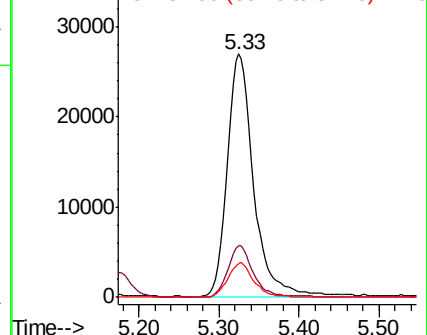
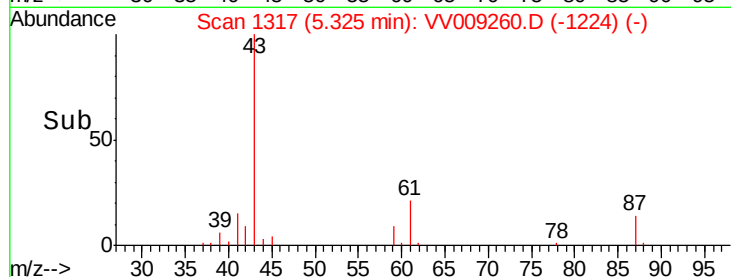
43 100

61 20.2 15.8 23.6

87 13.6 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VV009260.D (-1224) (-)



#44

Trichloroethene

Concen: 44.373 ug/l

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV009260.D

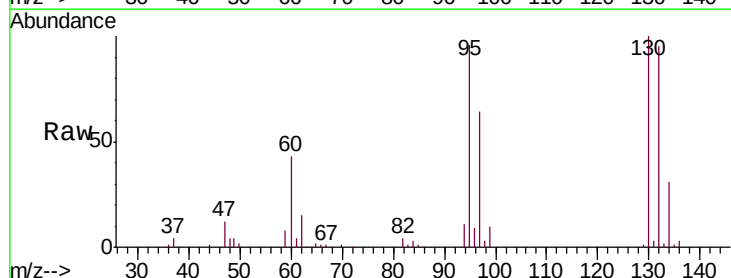
Acq: 24 Jan 2019 15:11

Tgt Ion: 130 Resp: 45584

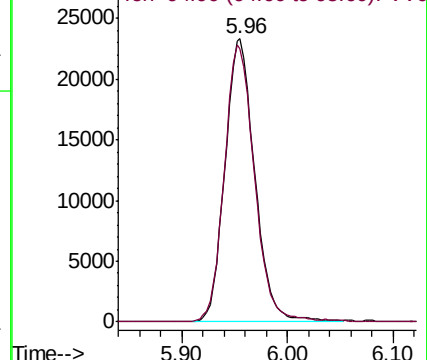
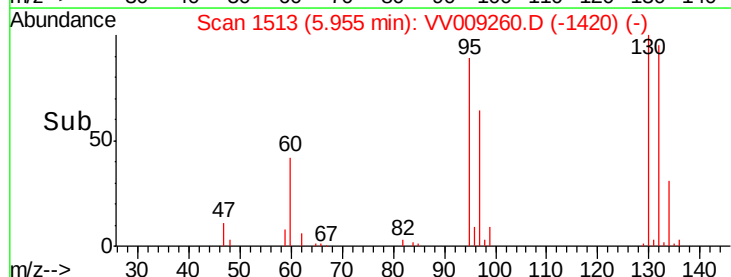
Ion Ratio Lower Upper

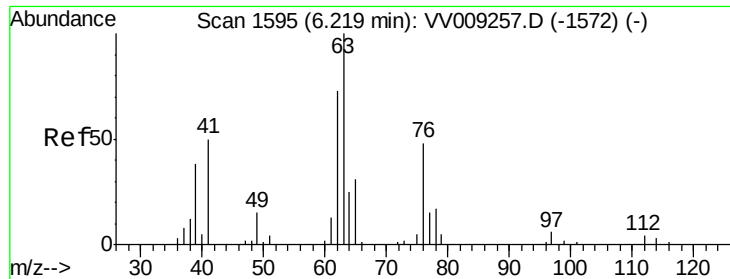
130 100

95 96.4 0.0 201.4



Abundance Ion 129.80 (129.50 to 130.50): VV009260.D (-1420) (-)

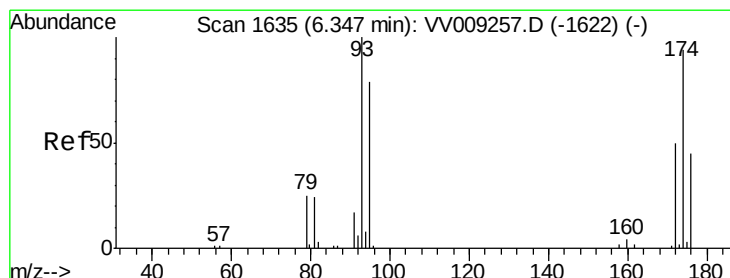
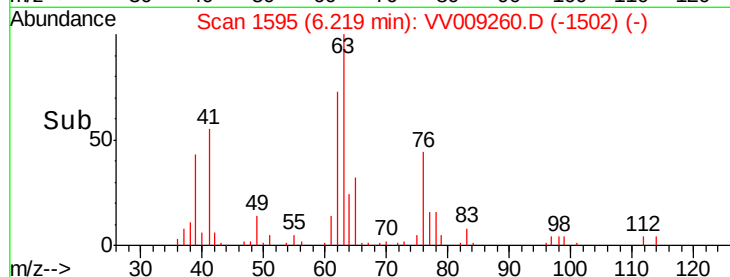
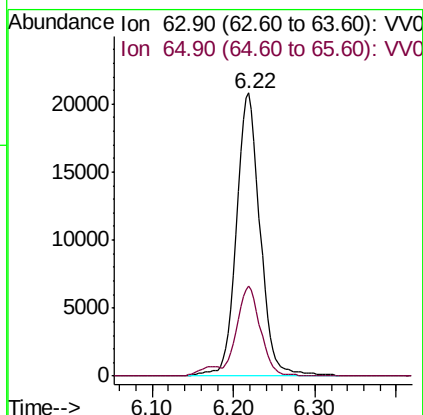
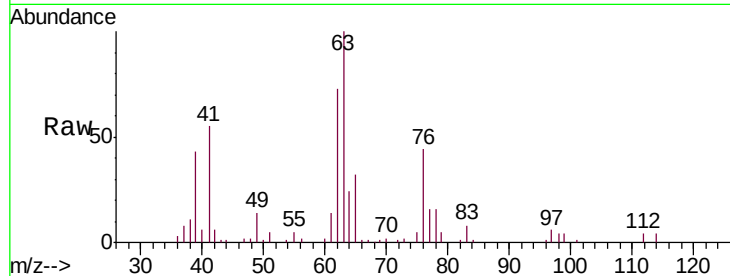




#45
 1,2-Dichloropropane
 Concen: 44.482 ug/l
 RT: 6.22 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

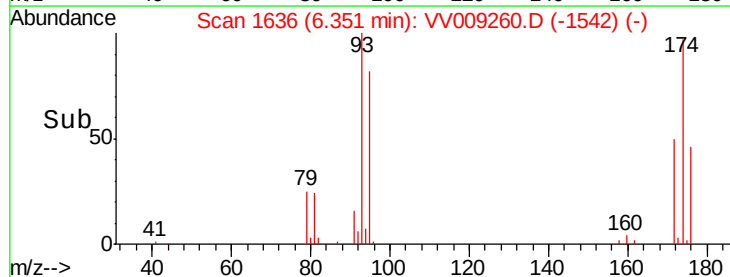
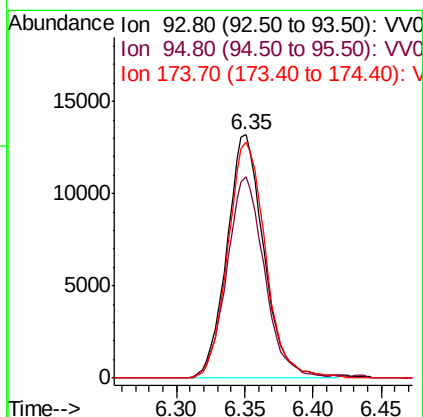
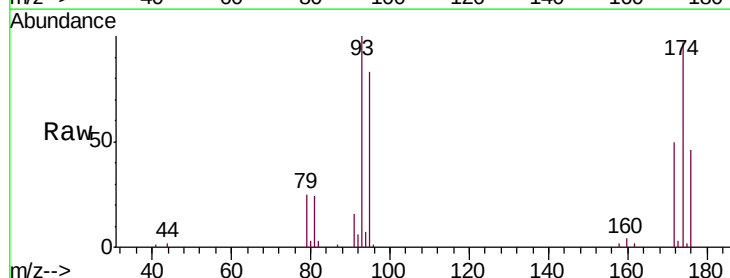
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVV012419

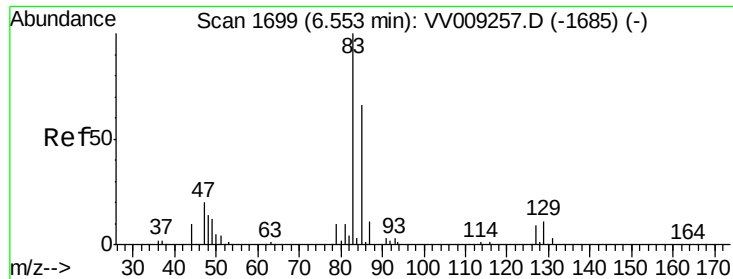
Tgt Ion: 63 Resp: 42153
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.4 38.2



#46
 Dibromomethane
 Concen: 46.860 ug/l
 RT: 6.35 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

Tgt Ion: 93 Resp: 24877
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.3 97.9
 174 98.4 77.0 115.4





#47

Bromodichloromethane

Concen: 45.470 ug/l

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

ICVV012419

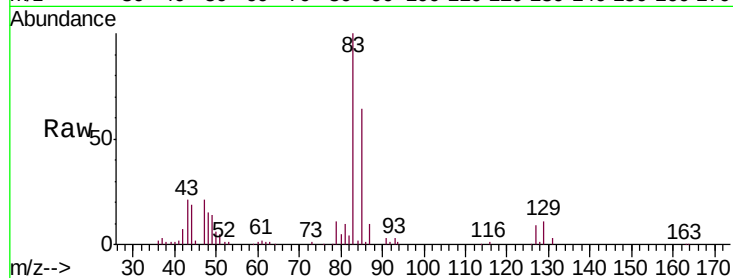
Tgt Ion: 83 Resp: 56779

Ion Ratio Lower Upper

83 100

85 64.1 52.6 79.0

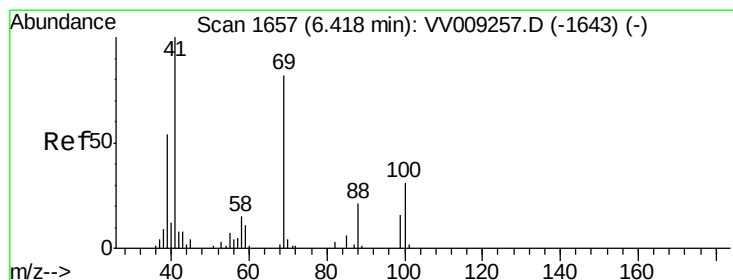
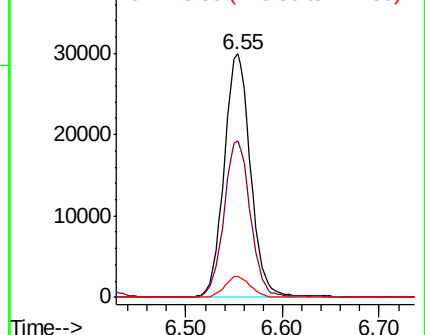
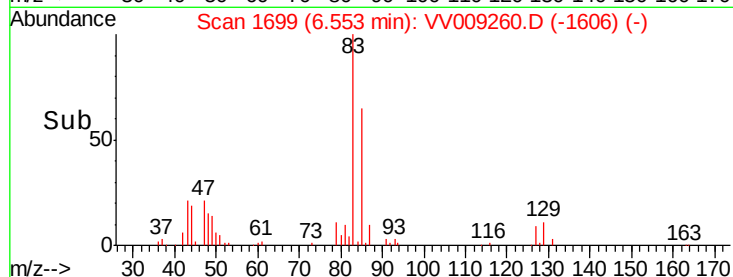
127 8.7 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VV009260.D (-1606) (-)

Ion 84.90 (84.60 to 85.60): VV009260.D (-1606) (-)

Ion 126.80 (126.50 to 127.50): VV009260.D (-1606) (-)



#48

Methyl methacrylate

Concen: 50.002 ug/l

RT: 6.42 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

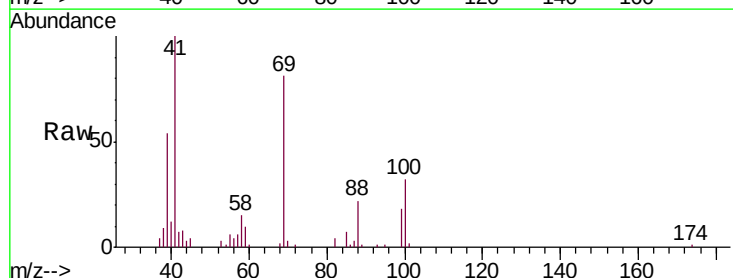
Tgt Ion: 41 Resp: 31395

Ion Ratio Lower Upper

41 100

69 82.8 68.6 103.0

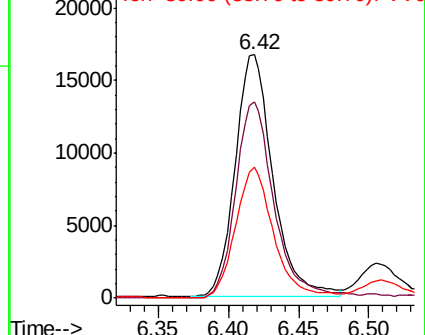
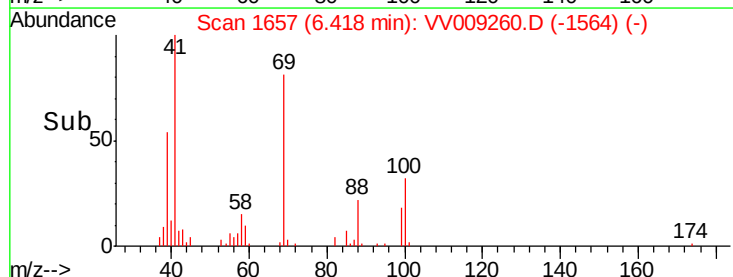
39 54.7 43.2 64.8

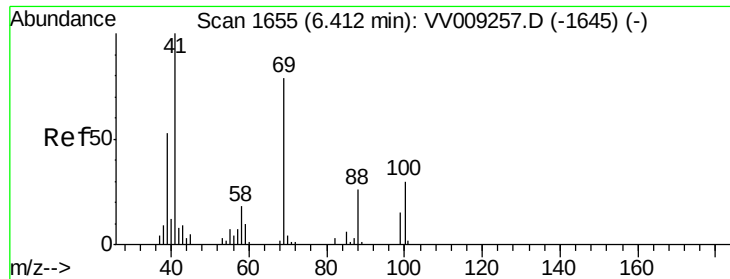


Abundance Ion 41.00 (40.70 to 41.70): VV009260.D (-1564) (-)

Ion 69.00 (68.70 to 69.70): VV009260.D (-1564) (-)

Ion 39.00 (38.70 to 39.70): VV009260.D (-1564) (-)

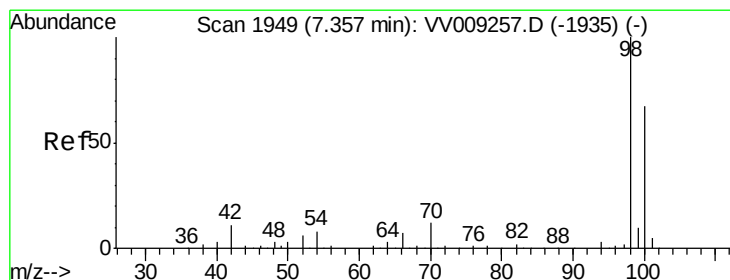
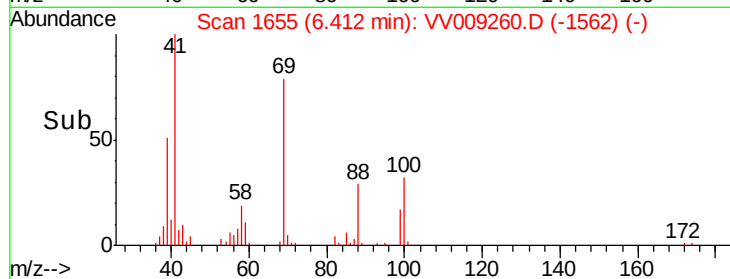
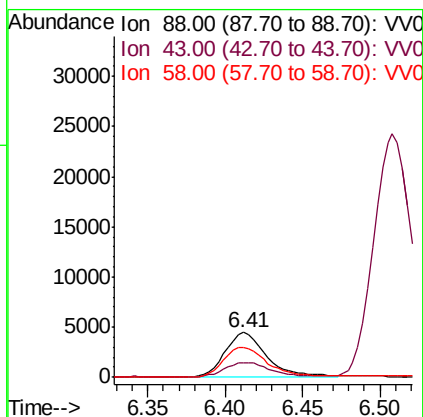
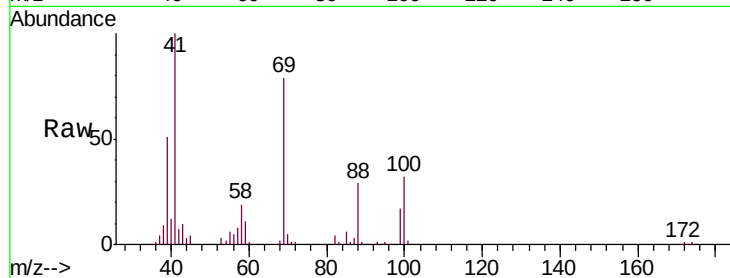




#49
1,4-Dioxane
Concen: 1012.206 ug/l
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

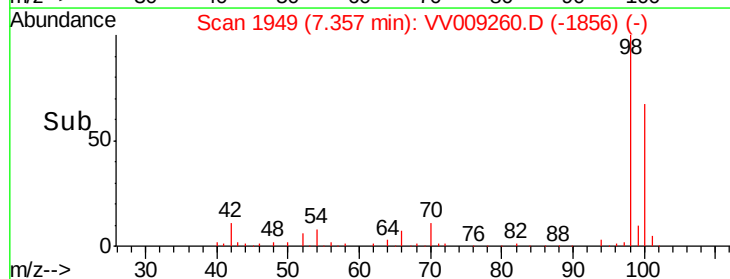
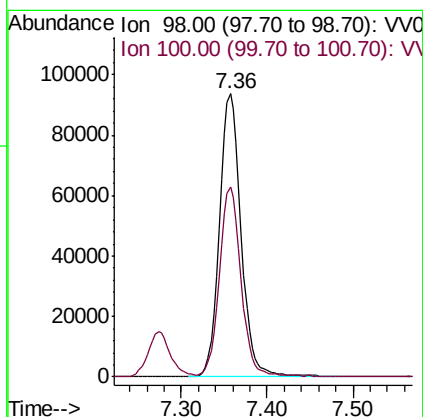
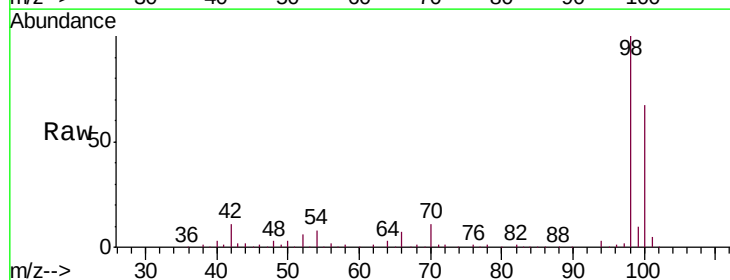
Instrument :
MSVOA_V
ClientSampleId :
ICVV012419

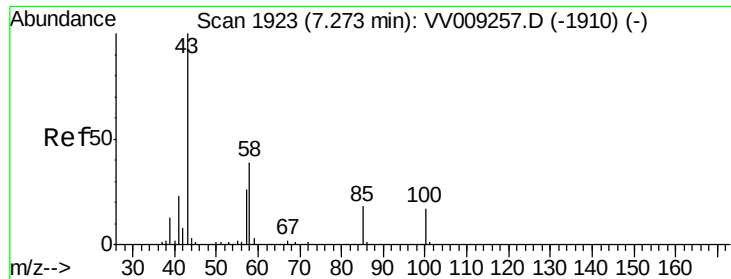
Tgt Ion: 88 Resp: 8432
Ion Ratio Lower Upper
88 100
43 37.3 28.3 42.5
58 71.6 50.0 75.0



#50
Toluene-d8
Concen: 49.961 ug/l
RT: 7.36 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

Tgt Ion: 98 Resp: 163811
Ion Ratio Lower Upper
98 100
100 66.2 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 249.871 ug/l

RT: 7.27 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

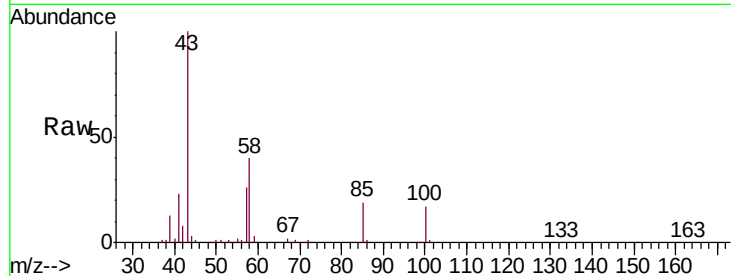
ICVVV012419

Tgt Ion: 43 Resp: 166446

Ion Ratio Lower Upper

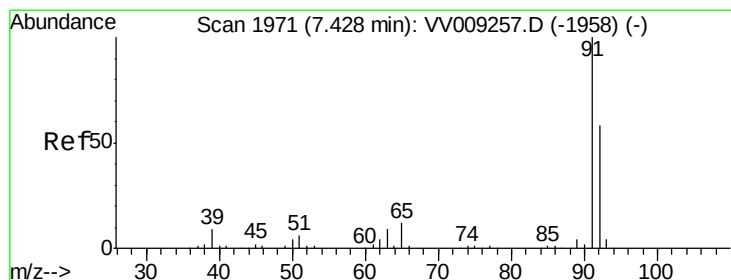
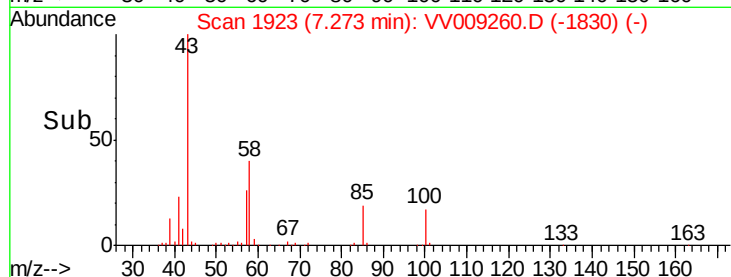
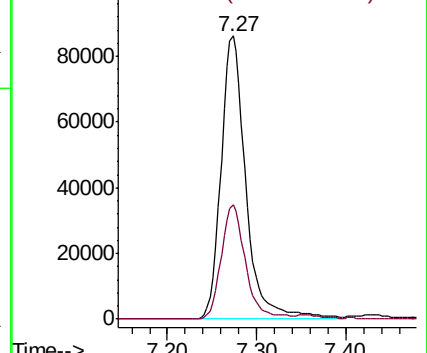
43 100

58 39.5 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VV009257.D (-1910) (-)

Ion 58.00 (57.70 to 58.70): VV009257.D (-1910) (-)



#52

Toluene

Concen: 44.966 ug/l

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV009260.D

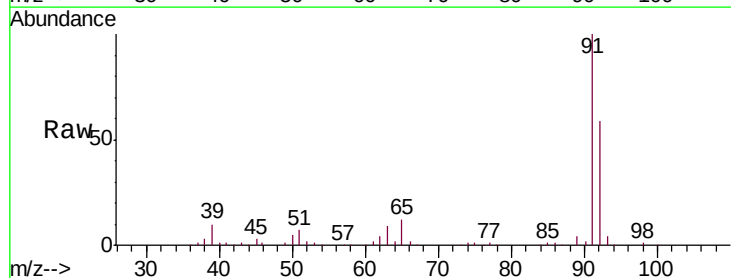
Acq: 24 Jan 2019 15:11

Tgt Ion: 92 Resp: 109307

Ion Ratio Lower Upper

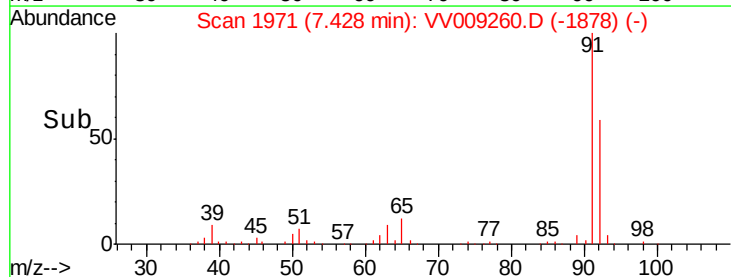
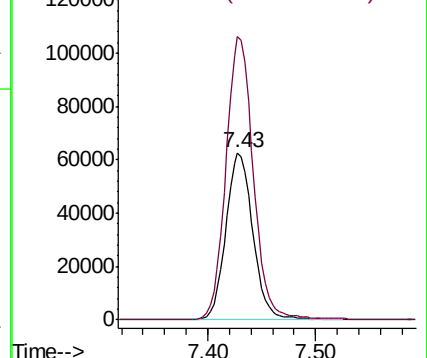
92 100

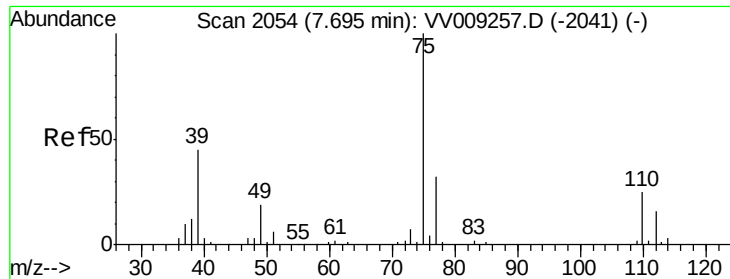
91 172.0 137.2 205.8



Abundance Ion 92.00 (91.70 to 92.70): VV009257.D (-1958) (-)

Ion 91.00 (90.70 to 91.70): VV009257.D (-1958) (-)





#53

t-1,3-Dichloropropene

Concen: 46.390 ug/l

RT: 7.69 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

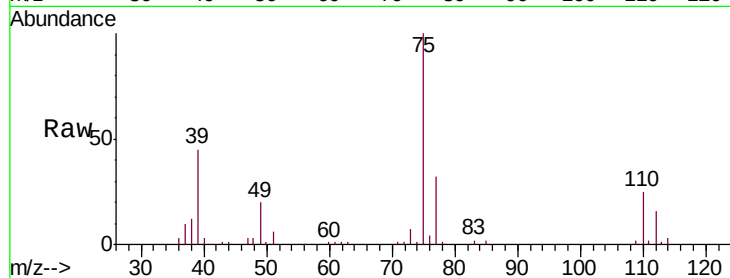
ICVVV012419

Tgt Ion: 75 Resp: 58583

Ion Ratio Lower Upper

75 100

77 31.9 25.9 38.9



Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 76.90 (76.60 to 77.60): VV0

7.69

40000

30000

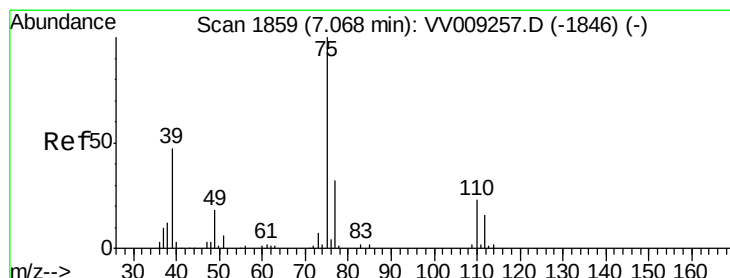
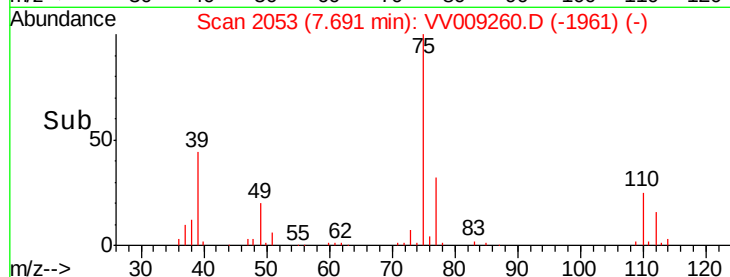
20000

10000

0

Time-->

7.65 7.70 7.75



#54

cis-1,3-Dichloropropene

Concen: 46.190 ug/l

RT: 7.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

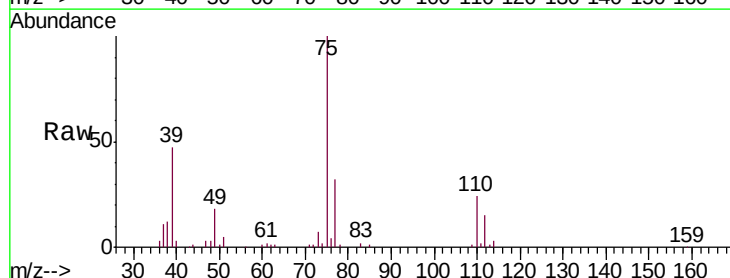
Tgt Ion: 75 Resp: 66175

Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.6

39 47.4 38.0 57.0



Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 76.90 (76.60 to 77.60): VV0

Ion 39.00 (38.70 to 39.70): VV0

7.07

50000

40000

30000

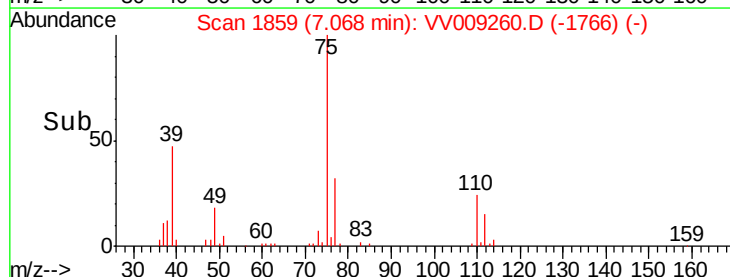
20000

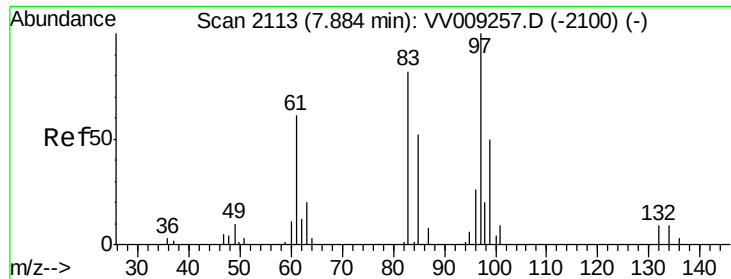
10000

0

Time-->

7.00 7.10 7.20

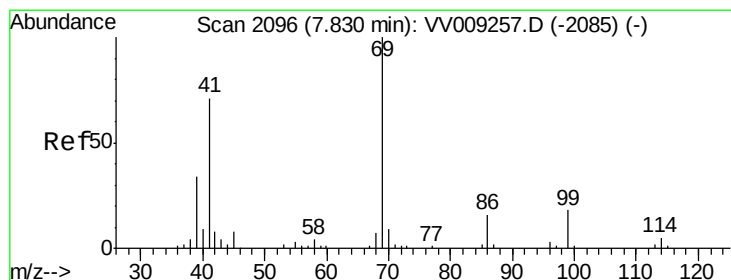
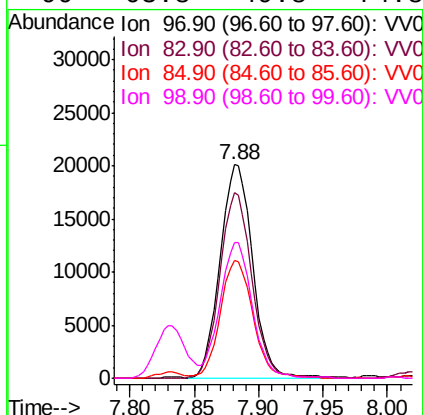
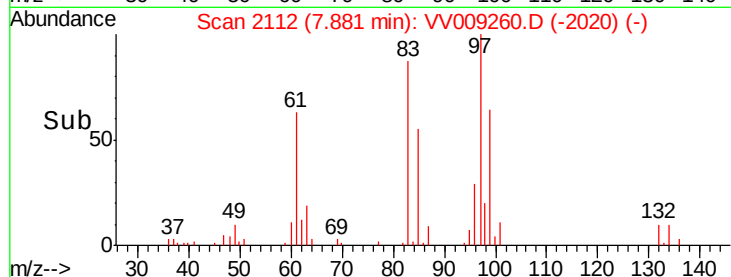
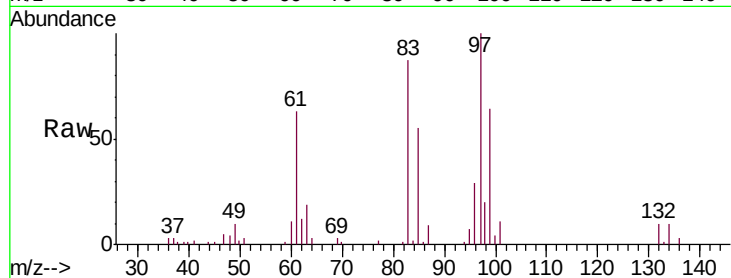




#55
 1,1,2-Trichloroethane
 Concen: 47.854 ug/l
 RT: 7.88 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

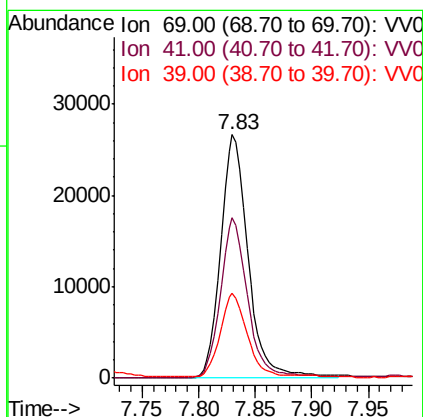
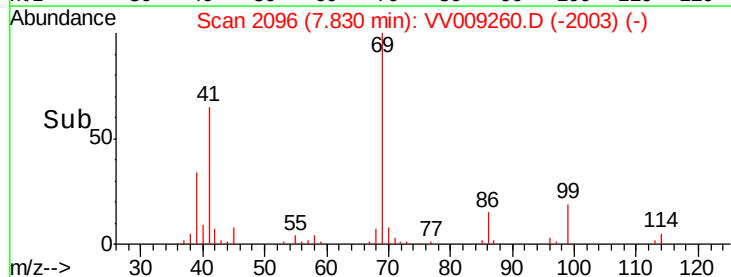
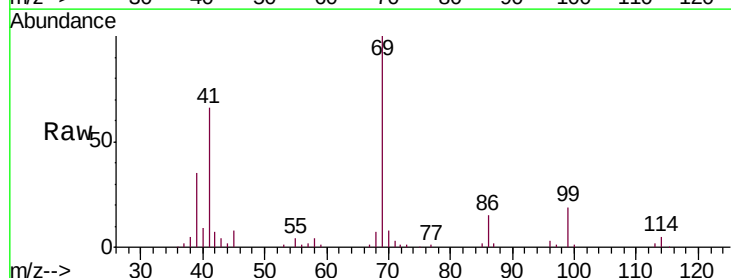
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV012419

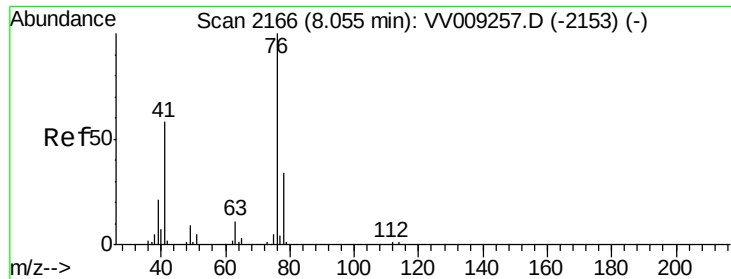
Tgt Ion:	97	Resp:	35424
Ion	Ratio	Lower	Upper
97	100		
83	86.8	65.6	98.4
85	55.0	41.8	62.8
99	63.8	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 50.695 ug/l
 RT: 7.83 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

Tgt Ion:	69	Resp:	45339
Ion	Ratio	Lower	Upper
69	100		
41	65.1	54.6	81.8
39	33.1	27.0	40.4

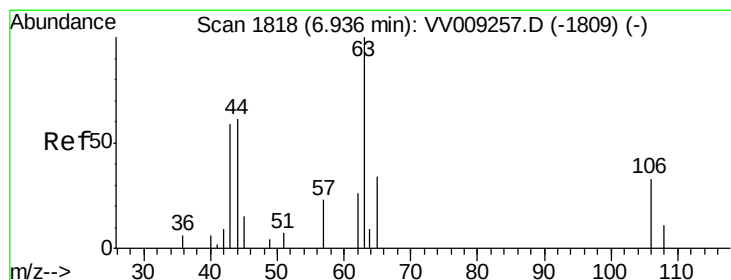
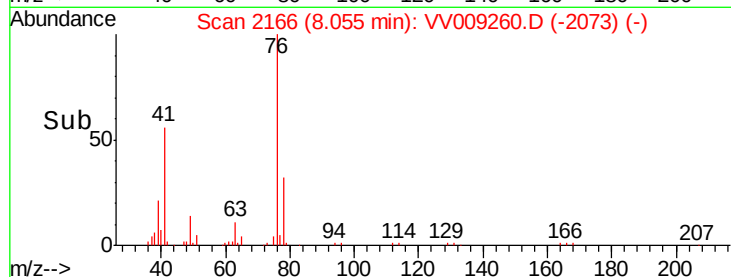
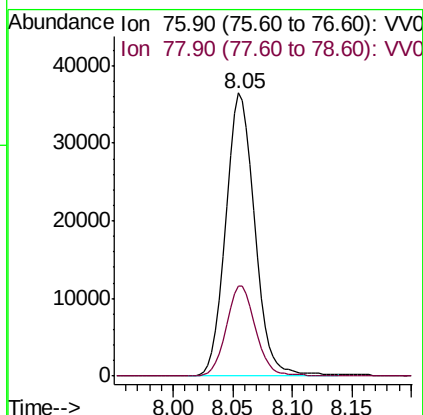
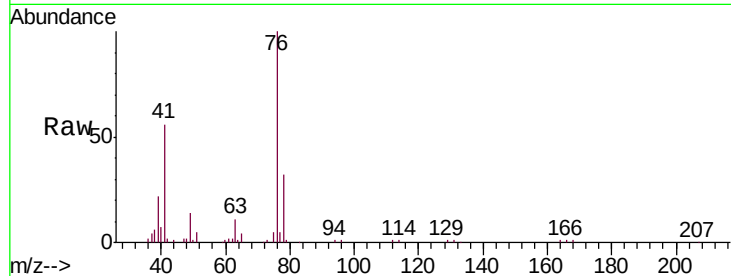




#57
 1,3-Dichloropropane
 Concen: 46.827 ug/l
 RT: 8.05 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

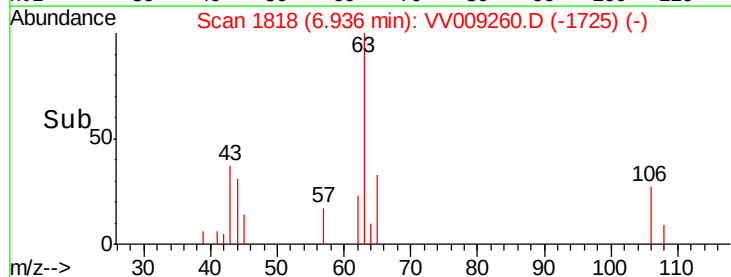
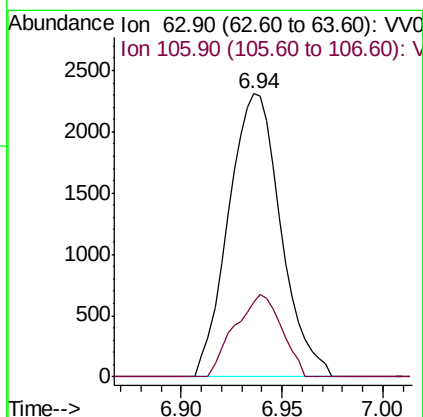
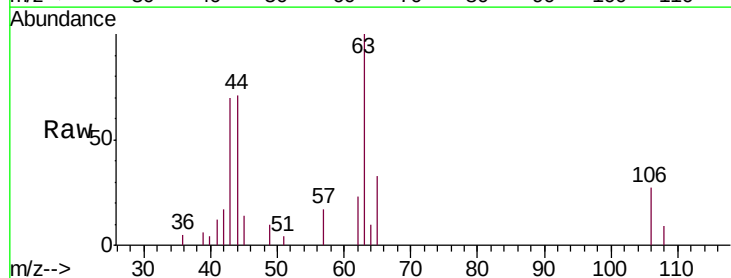
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV012419

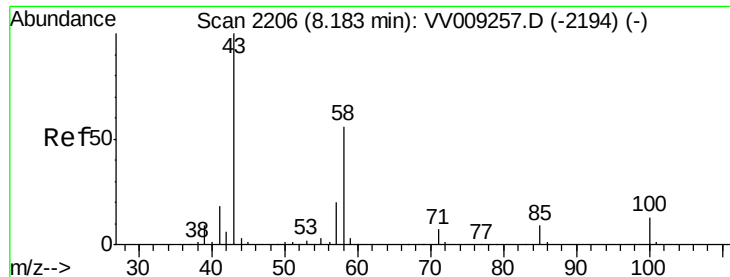
Tgt Ion: 76 Resp: 61758
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 176.799 ug/l
 RT: 6.94 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

Tgt Ion: 63 Resp: 4184
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.0 31.6

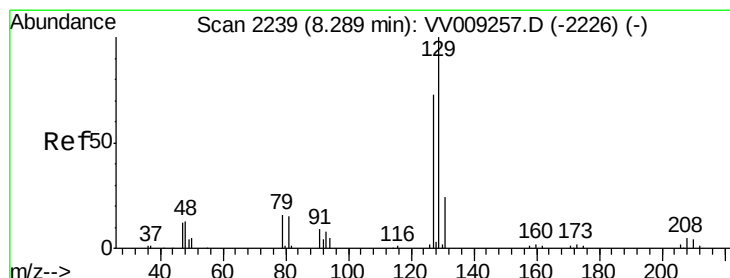
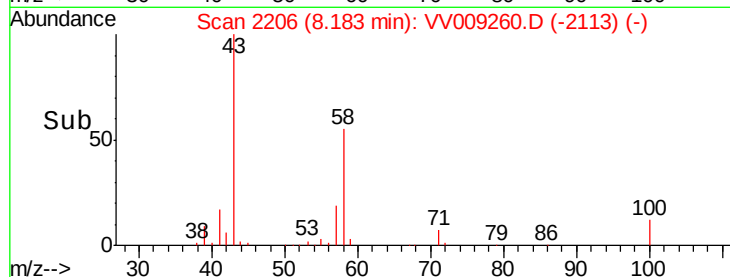
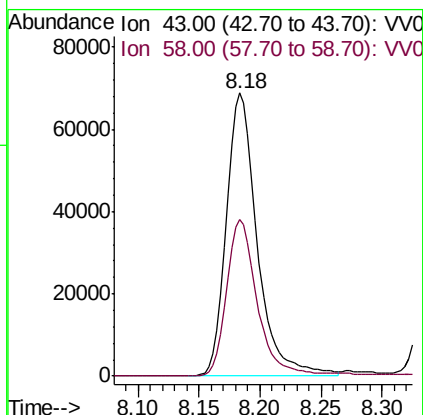
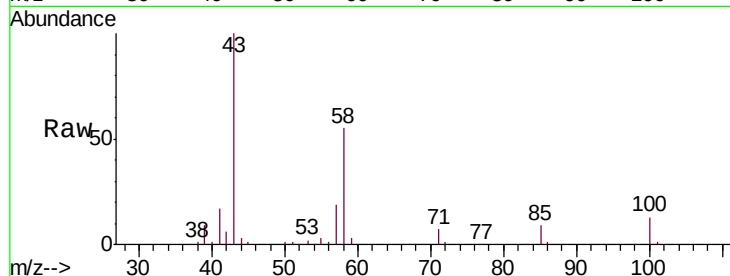




#59
2-Hexanone
Concen: 255.873 ug/l
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

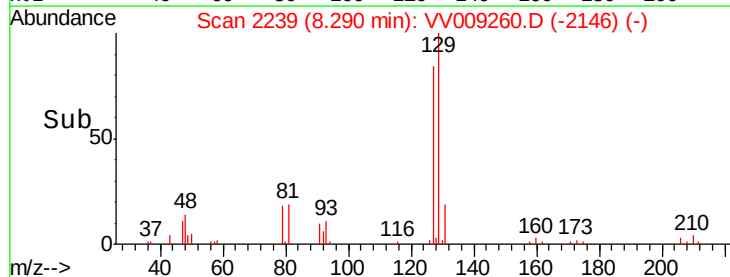
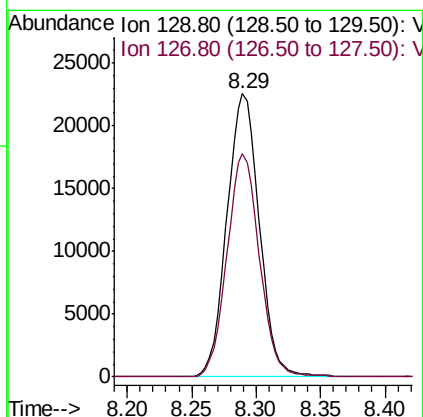
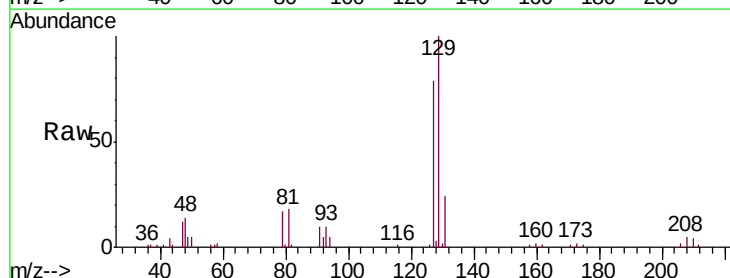
Instrument :
MSVOA_V
ClientSampleId :
ICVVV012419

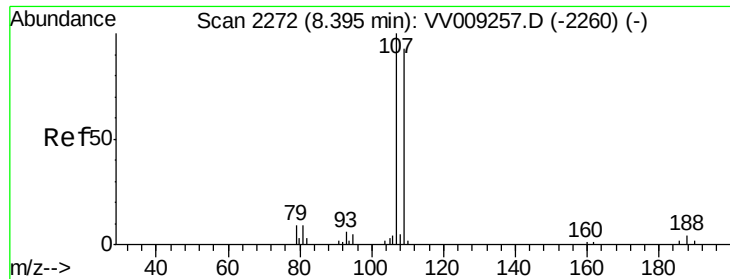
Tgt Ion: 43 Resp: 122531
Ion Ratio Lower Upper
43 100
58 56.2 27.9 83.7



#60
Dibromochloromethane
Concen: 46.505 ug/l
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

Tgt Ion: 129 Resp: 39351
Ion Ratio Lower Upper
129 100
127 78.8 37.9 113.6

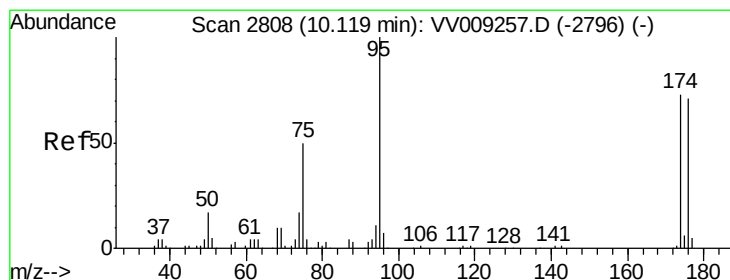
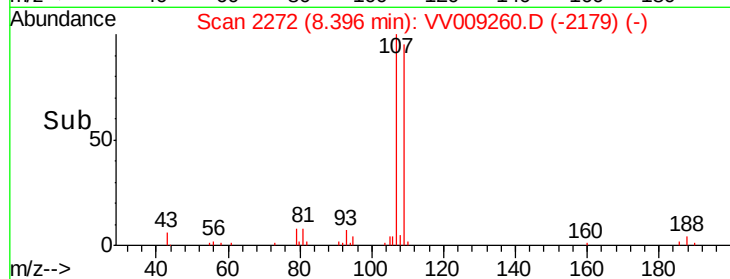
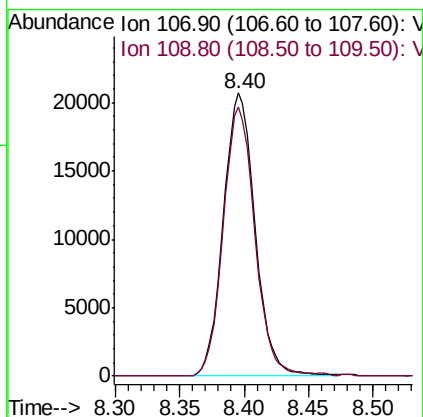
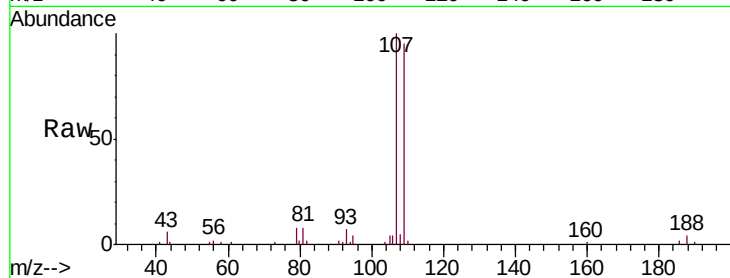




#61
 1,2-Dibromoethane
 Concen: 47.640 ug/l
 RT: 8.40 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

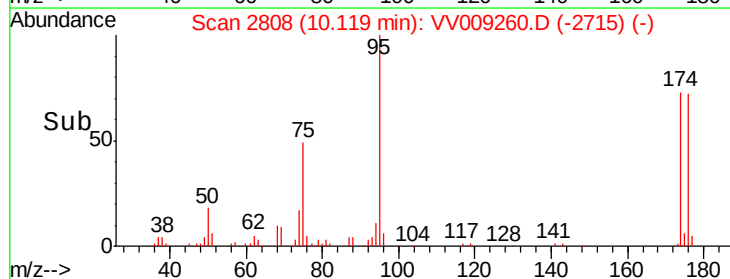
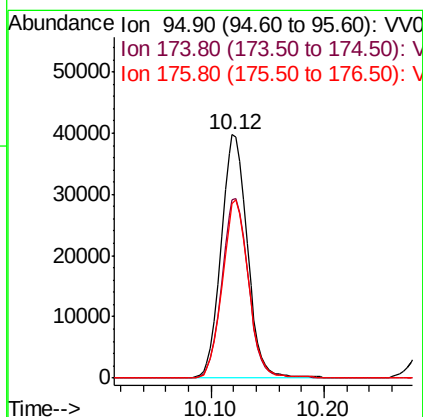
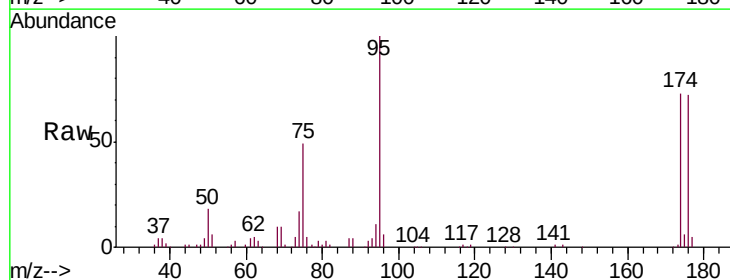
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV012419

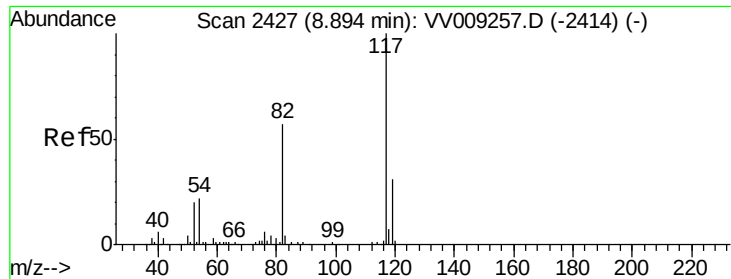
Tgt Ion: 107 Resp: 35433
 Ion Ratio Lower Upper
 107 100
 109 94.5 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 50.778 ug/l
 RT: 10.12 min Scan# 2808
 Delta R.T. 0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

Tgt Ion: 95 Resp: 64219
 Ion Ratio Lower Upper
 95 100
 174 74.5 0.0 150.0
 176 73.0 0.0 144.0

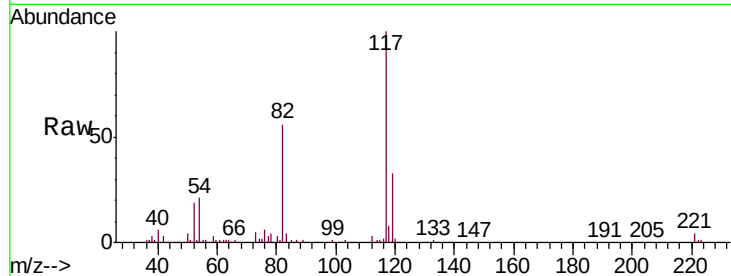




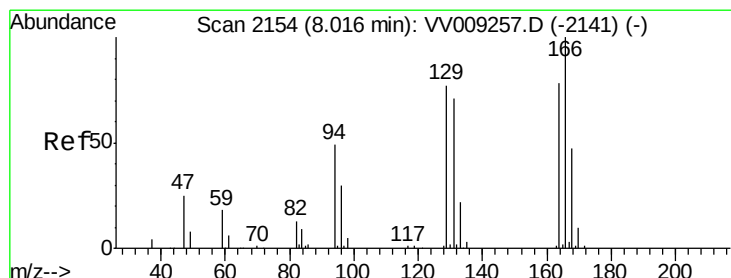
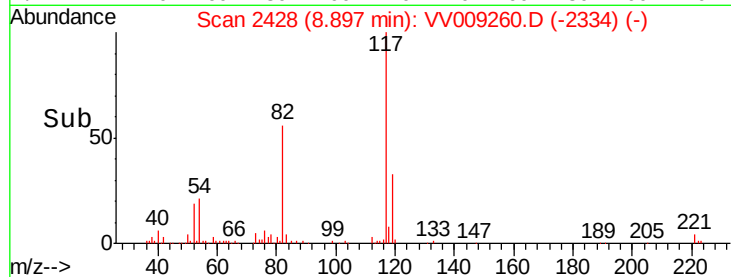
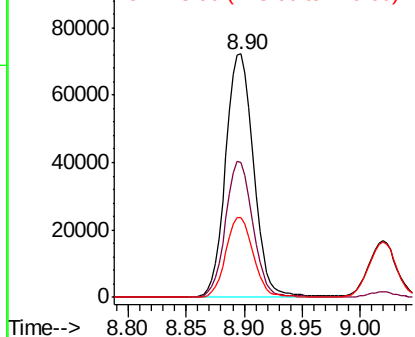
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.90 min Scan# 2428
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

Instrument :
MSVOA_V
ClientSampleId :
ICVV012419

Tgt Ion:117 Resp: 121202
Ion Ratio Lower Upper
117 100
82 55.5 45.8 68.6
119 32.8 24.8 37.2

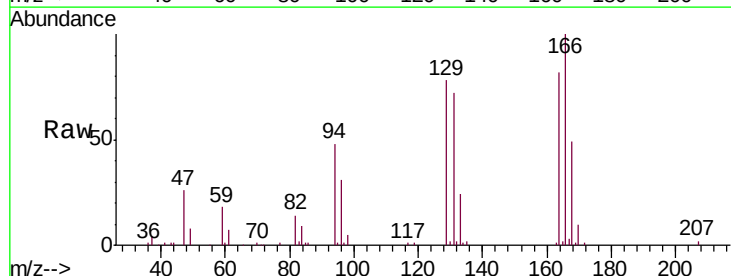


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV0
Ion 118.90 (118.60 to 119.60): V

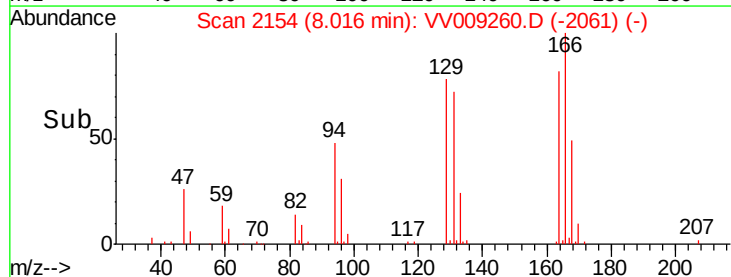
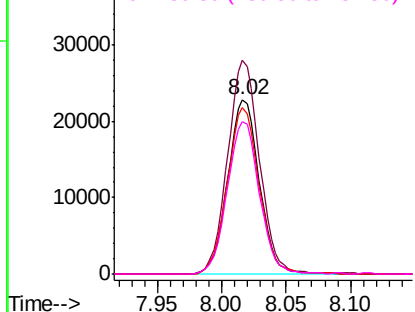


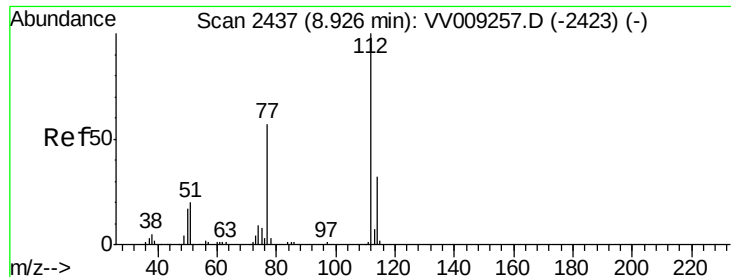
#64
Tetrachloroethene
Concen: 46.397 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

Tgt Ion:164 Resp: 38775
Ion Ratio Lower Upper
164 100
166 122.4 102.3 153.5
129 95.4 78.6 117.8
131 87.7 73.1 109.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

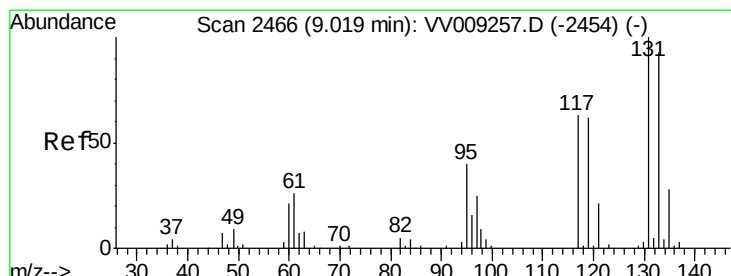
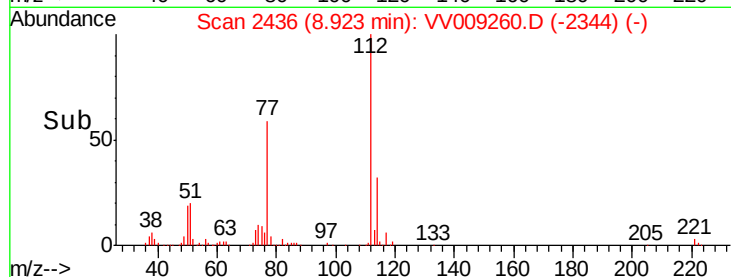
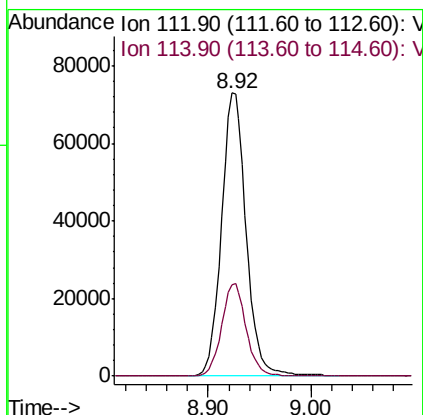
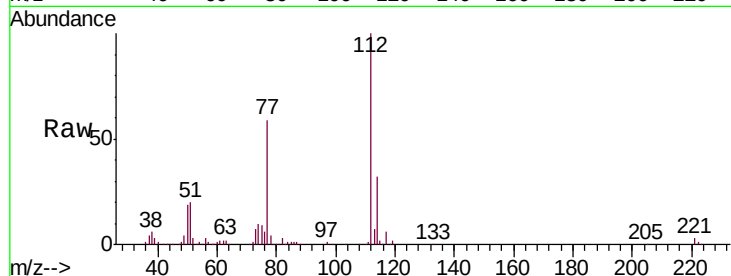




#65
Chlorobenzene
Concen: 44.401 ug/l
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

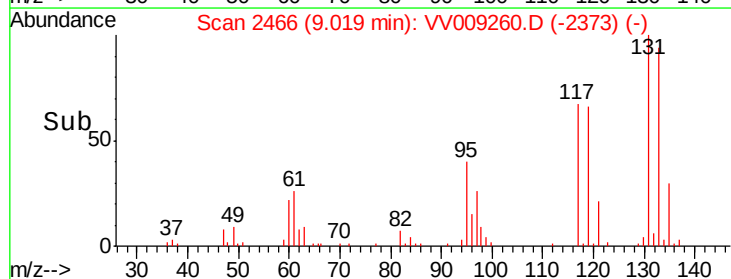
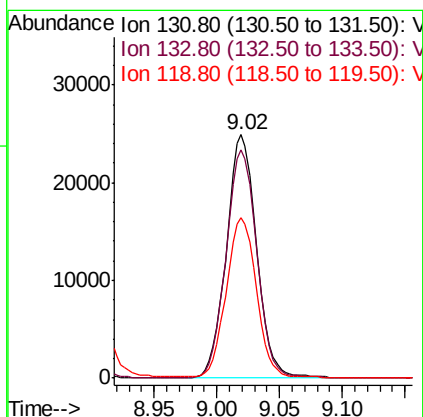
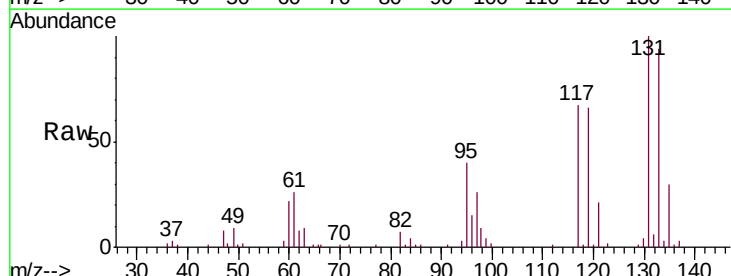
Instrument :
MSVOA_V
ClientSampleId :
ICVV012419

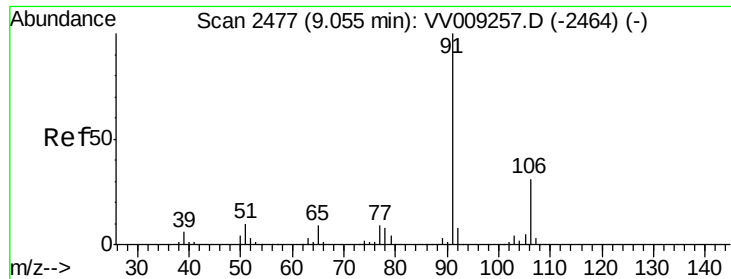
Tgt Ion:112 Resp: 121364
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 45.745 ug/l
RT: 9.02 min Scan# 2466
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

Tgt Ion:131 Resp: 41750
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 64.5 32.4 97.2





#67

Ethyl Benzene

Concen: 45.913 ug/l

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

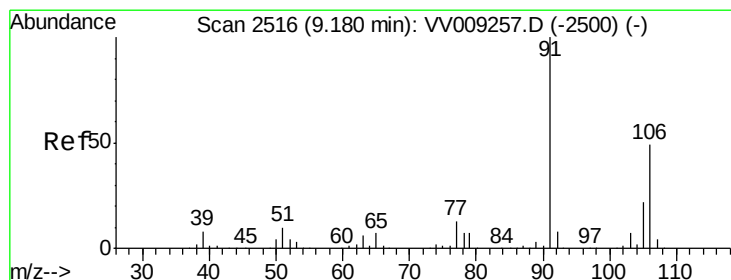
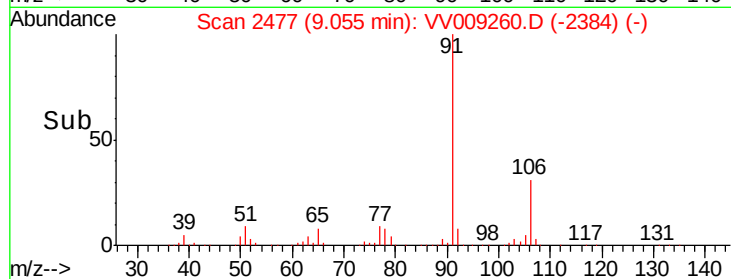
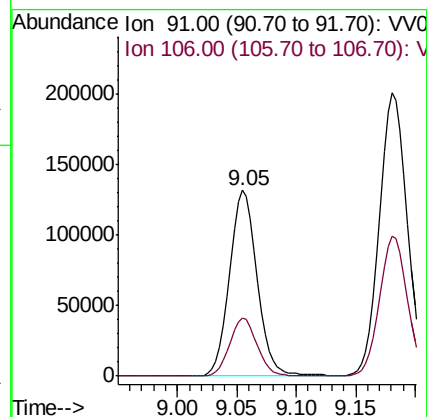
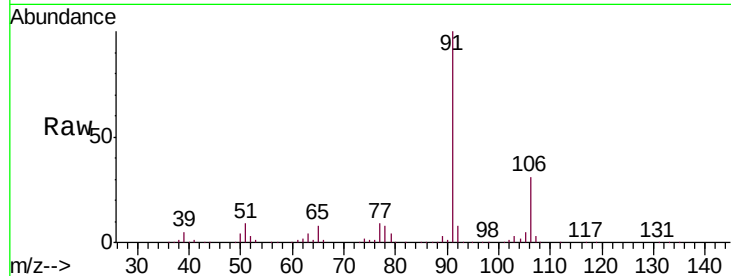
ICVVV012419

Tgt Ion: 91 Resp: 212918

Ion Ratio Lower Upper

91 100

106 31.3 24.6 37.0



#68

m/p-Xylenes

Concen: 92.367 ug/l

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV009260.D

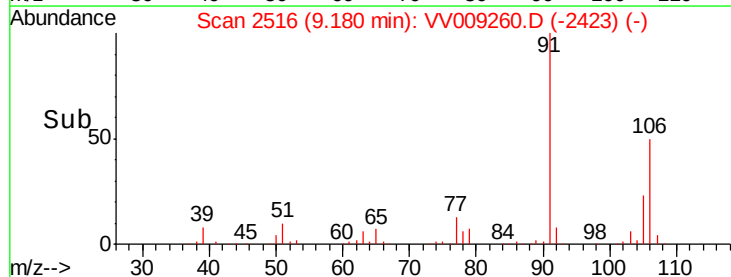
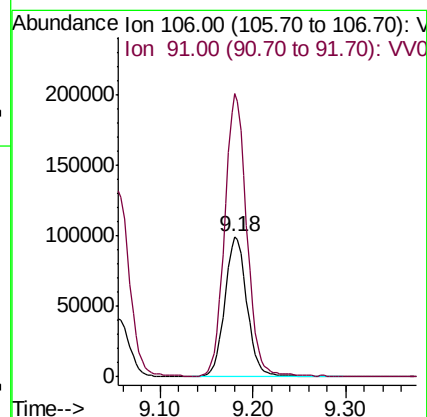
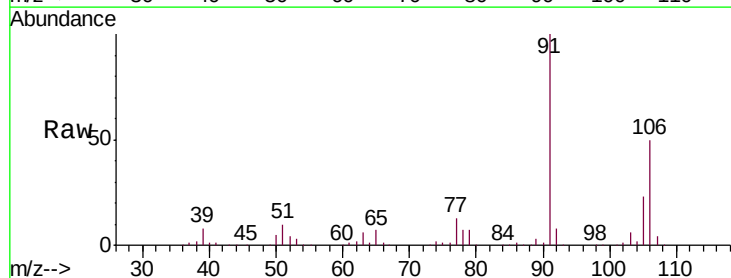
Acq: 24 Jan 2019 15:11

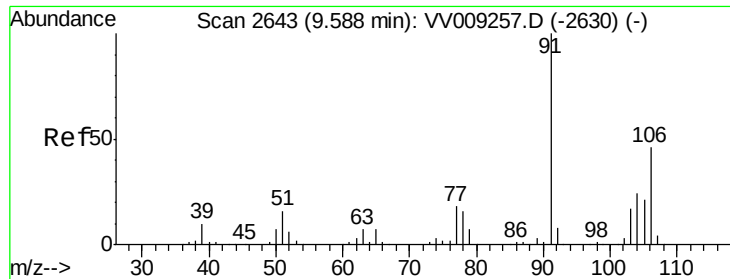
Tgt Ion: 106 Resp: 164312

Ion Ratio Lower Upper

106 100

91 200.5 161.9 242.9

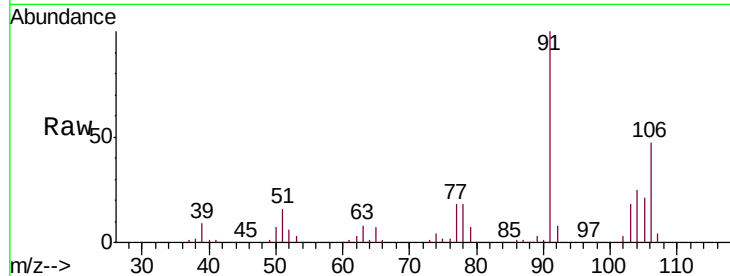




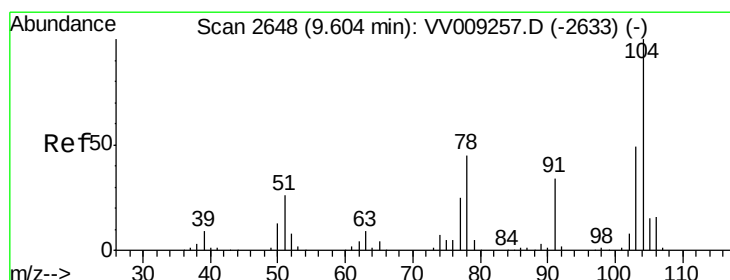
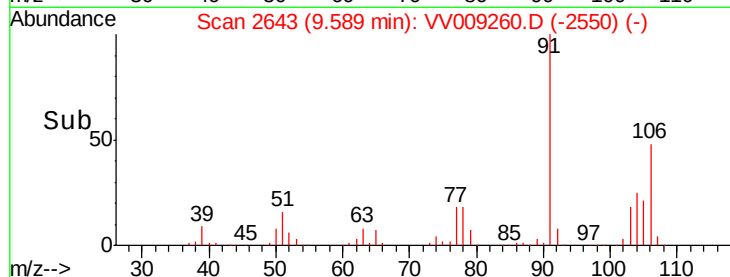
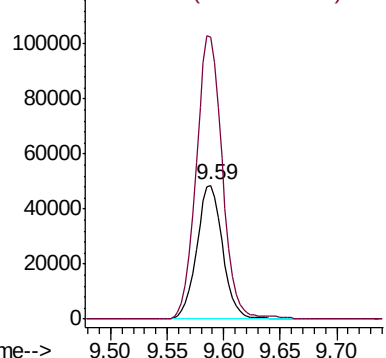
#69
o-Xylene
Concen: 46.885 ug/l
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

Instrument :
MSVOA_V
ClientSampleId :
ICVVV012419

Tgt Ion:106 Resp: 77940
Ion Ratio Lower Upper
106 100
91 212.7 108.3 324.9

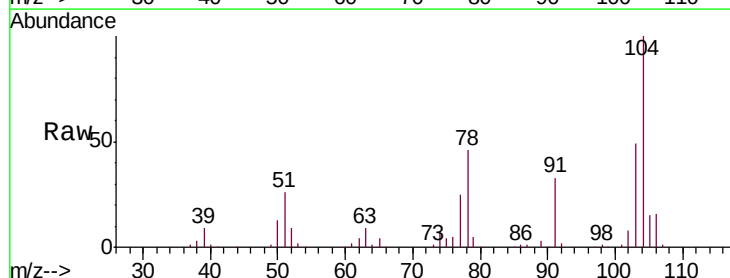


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

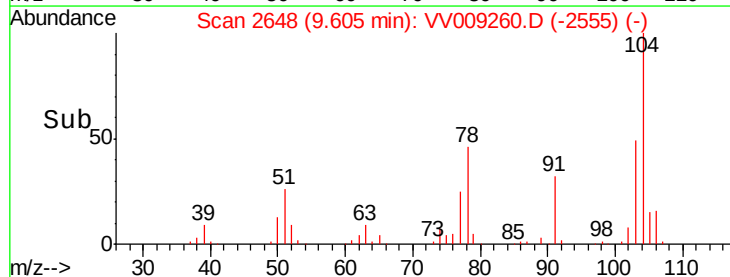
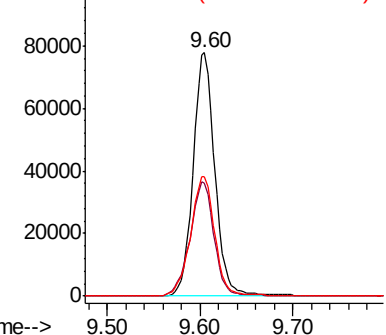


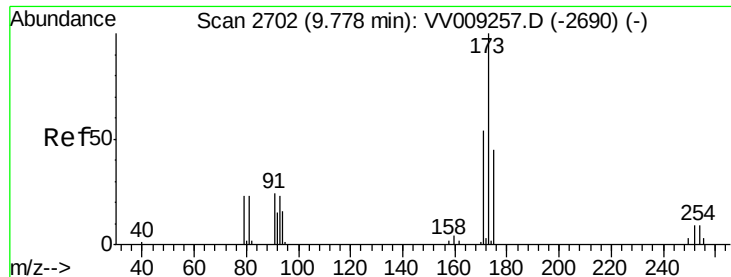
#70
Styrene
Concen: 46.767 ug/l
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

Tgt Ion:104 Resp: 126607
Ion Ratio Lower Upper
104 100
78 52.1 40.6 60.8
103 54.8 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 48.415 ug/l

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :
MSVOA_V
ClientSampleId :
ICVV012419

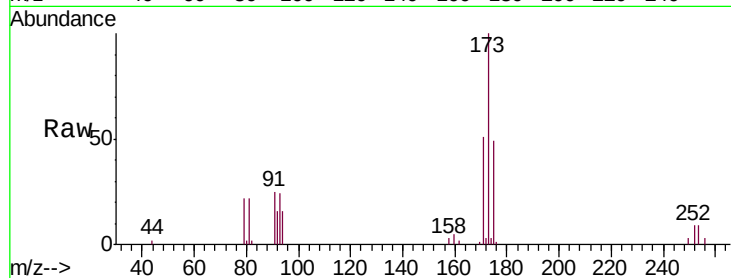
Tgt Ion:173 Resp: 23823

Ion Ratio Lower Upper

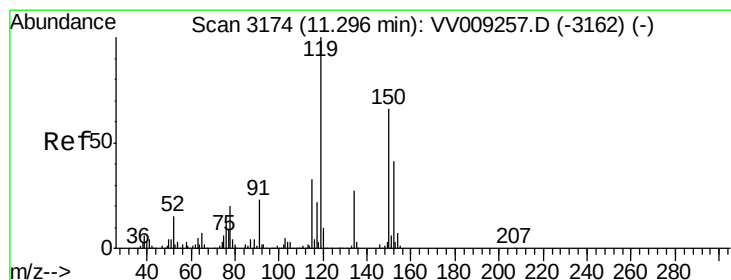
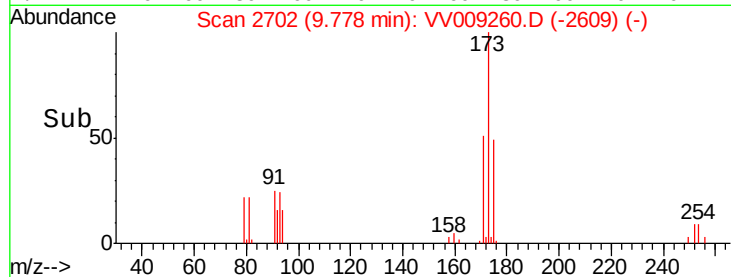
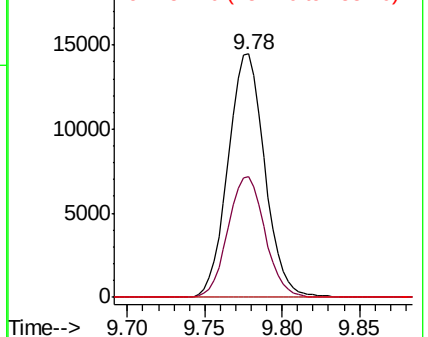
173 100

175 49.8 23.9 71.7

254 0.0 0.0 0.0



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: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

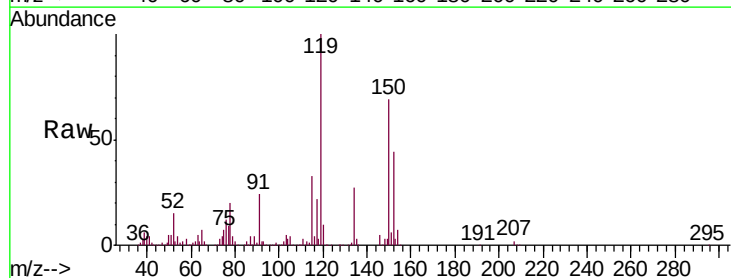
Tgt Ion:152 Resp: 63298

Ion Ratio Lower Upper

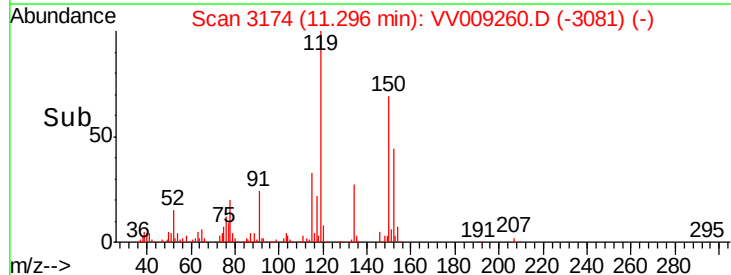
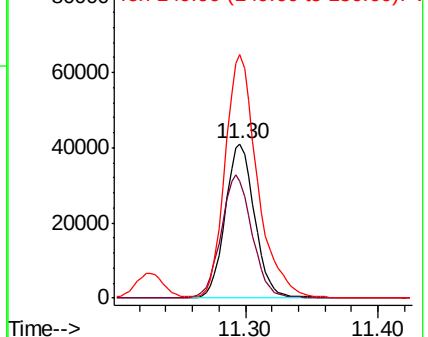
152 100

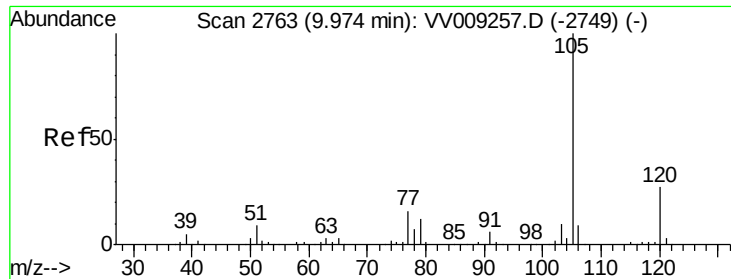
115 83.5 43.0 128.8

150 173.9 0.0 352.0



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: 45.533 ug/l

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

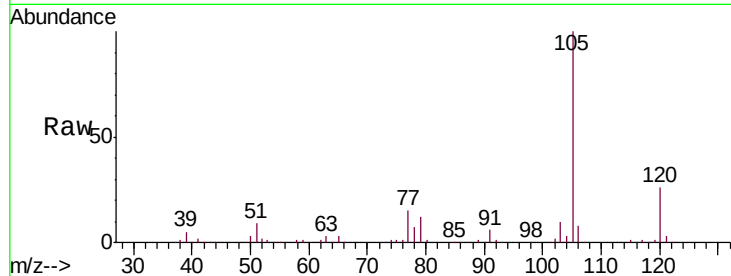
ICVV012419

Tgt Ion: 105 Resp: 214034

Ion Ratio Lower Upper

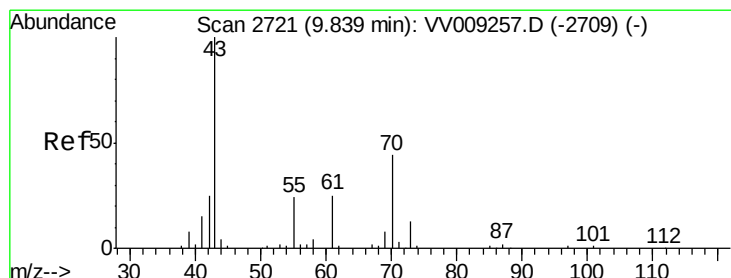
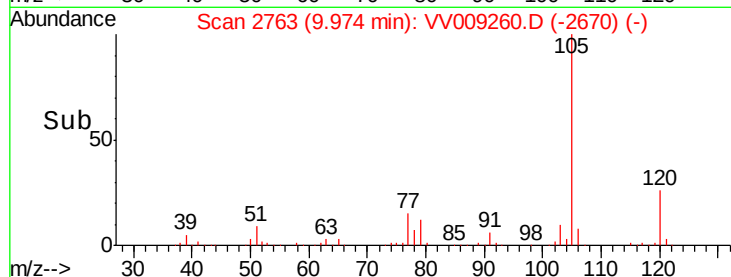
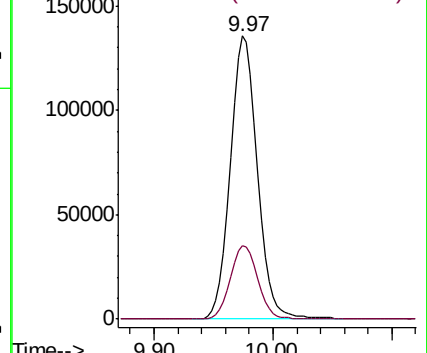
105 100

120 26.5 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.211 ug/l

RT: 9.84 min Scan# 2721

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Tgt Ion: 43 Resp: 53027

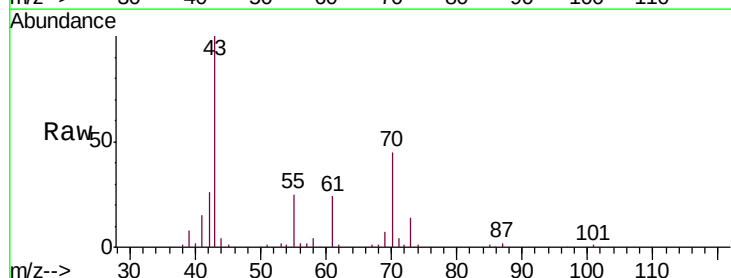
Ion Ratio Lower Upper

43 100

70 44.9 35.4 53.0

55 24.5 20.4 30.6

61 24.3 19.3 28.9

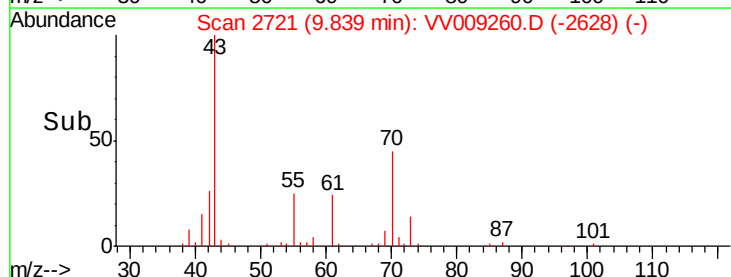
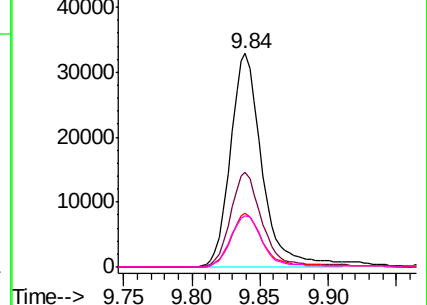


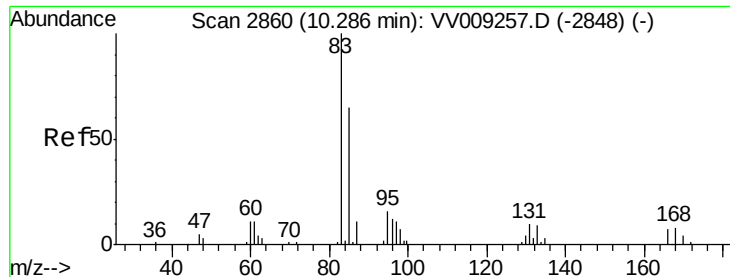
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 70.00 (69.70 to 70.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 61.00 (60.70 to 61.70): VV0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.289 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

ICVV012419

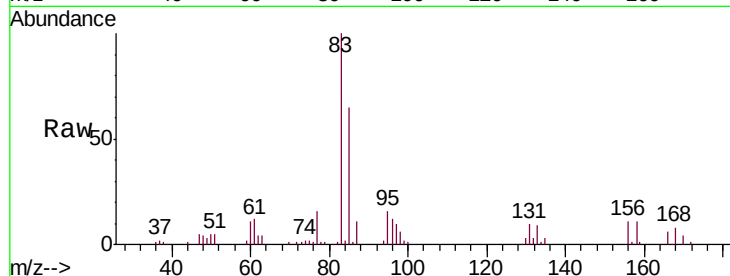
Tgt Ion: 83 Resp: 45710

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

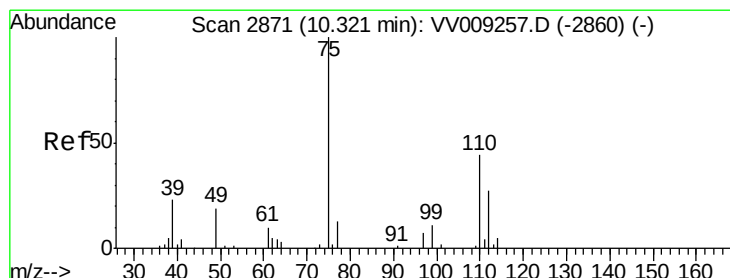
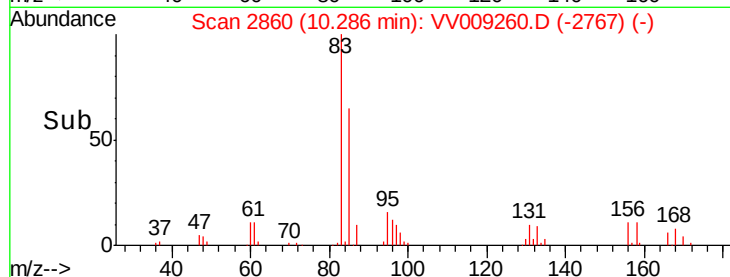
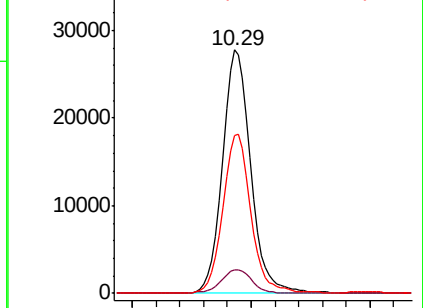
85 64.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VV009260.D (-2767) (-)

Ion 130.80 (130.50 to 131.50): VV009260.D (-2767) (-)

Ion 84.90 (84.60 to 85.60): VV009260.D (-2767) (-)



#76

1,2,3-Trichloropropane

Concen: 66.750 ug/l

RT: 10.32 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VV009260.D

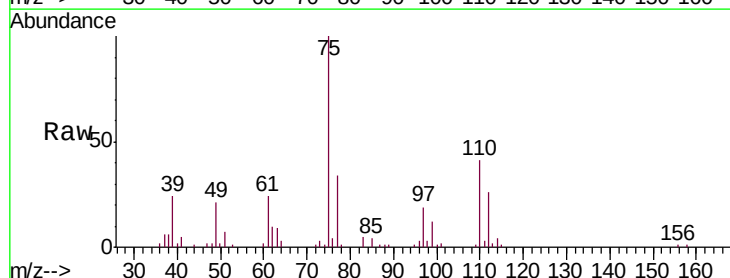
Acq: 24 Jan 2019 15:11

Tgt Ion: 75 Resp: 49874

Ion Ratio Lower Upper

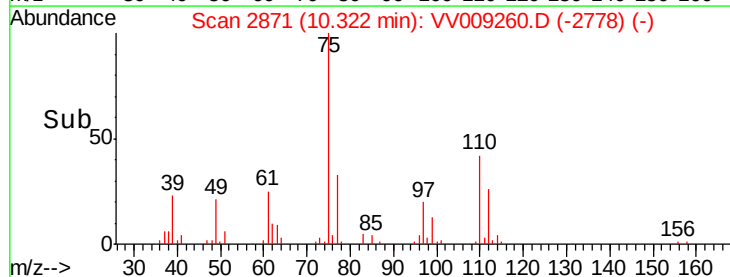
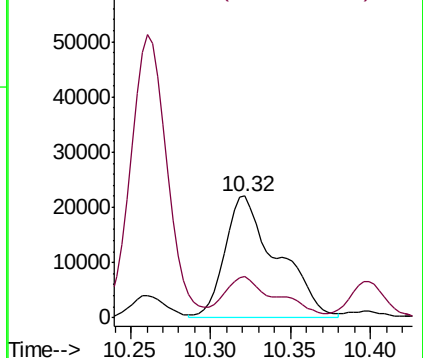
75 100

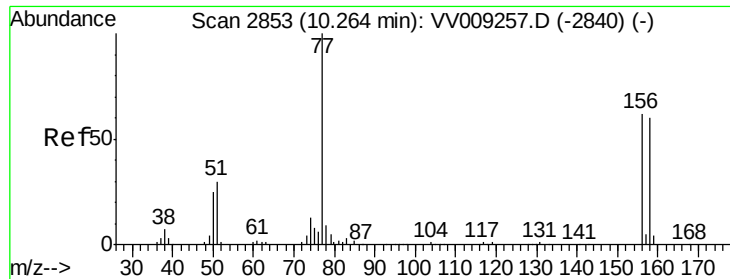
77 34.3 6.2 18.4#



Abundance Ion 74.90 (74.60 to 75.60): VV009260.D (-2778) (-)

Ion 77.00 (76.70 to 77.70): VV009260.D (-2778) (-)





#77

Bromobenzene

Concen: 44.715 ug/l

RT: 10.26 min Scan# 2852

Delta R.T. -0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

ICVV012419

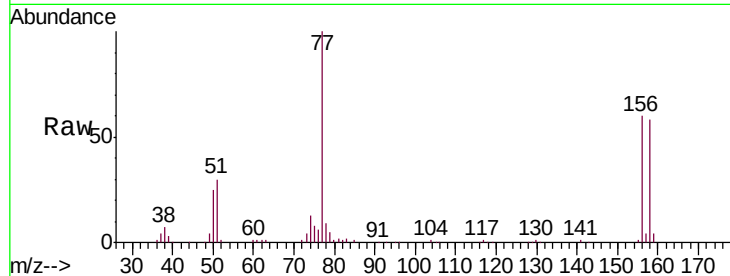
Tgt Ion:156 Resp: 49043

Ion Ratio Lower Upper

156 100

77 165.8 81.7 244.9

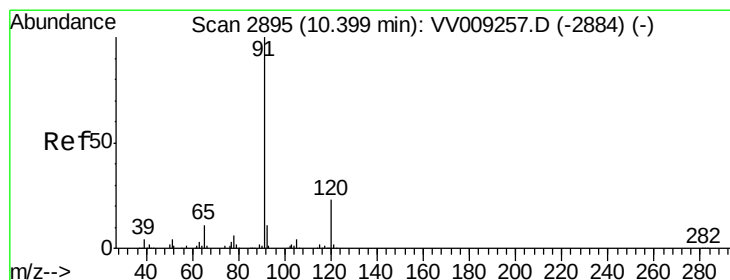
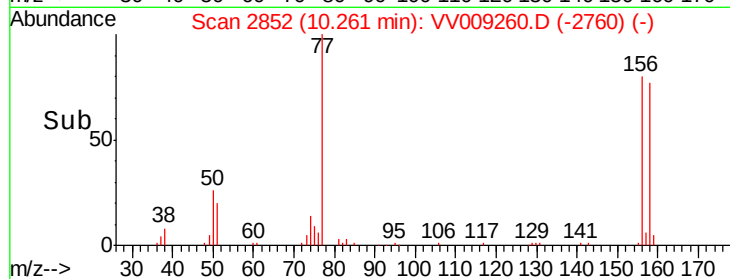
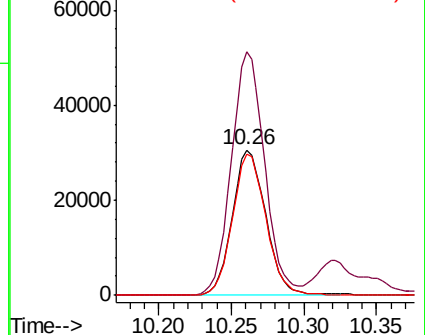
158 97.5 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VV0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.632 ug/l

RT: 10.40 min Scan# 2895

Delta R.T. 0.00 min

Lab File: VV009260.D

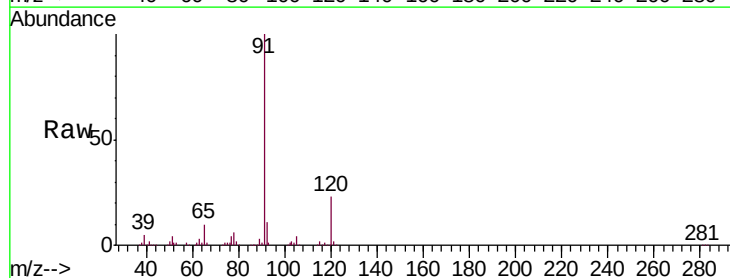
Acq: 24 Jan 2019 15:11

Tgt Ion: 91 Resp: 253778

Ion Ratio Lower Upper

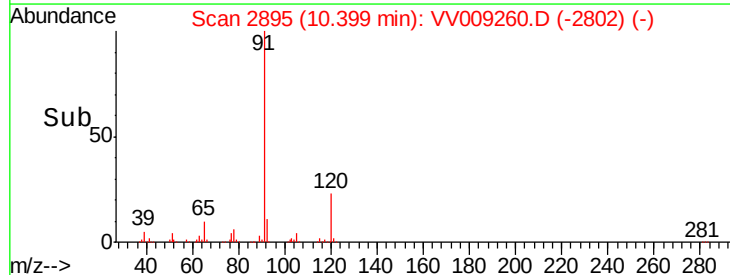
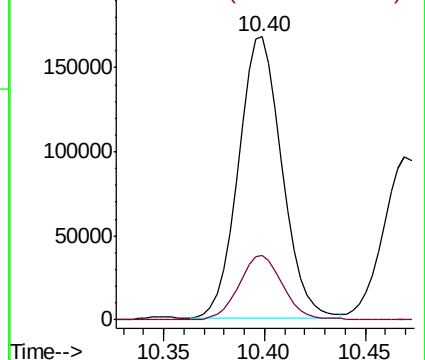
91 100

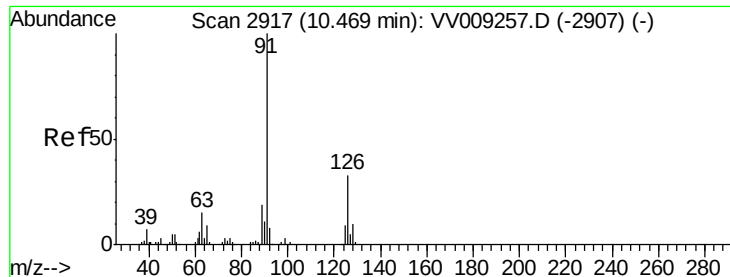
120 23.5 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 120.00 (119.70 to 120.70): V

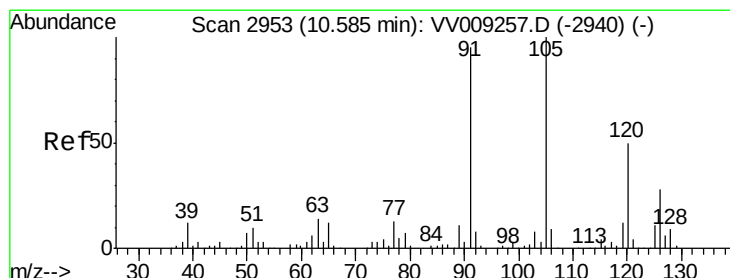
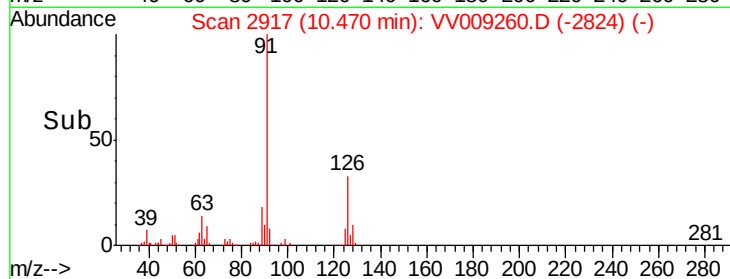
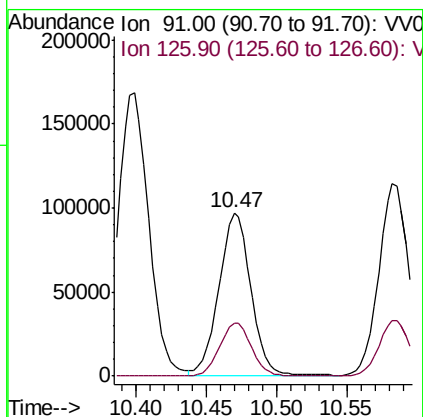
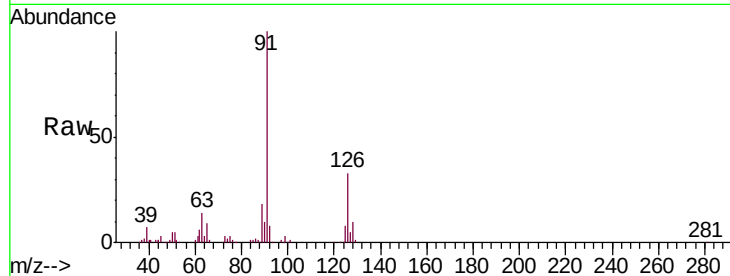




#79
 2-Chlorotoluene
 Concen: 45.155 ug/l
 RT: 10.47 min Scan# 2917
 Delta R.T. 0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

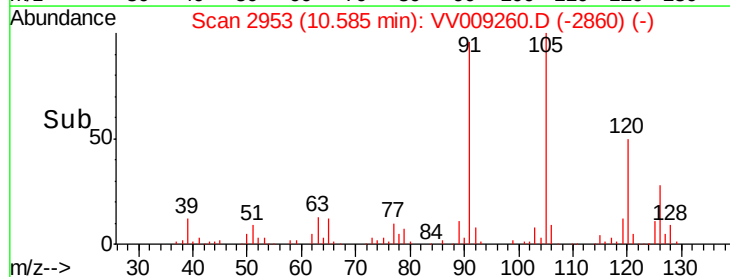
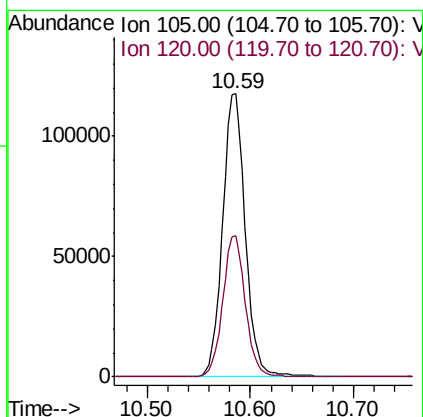
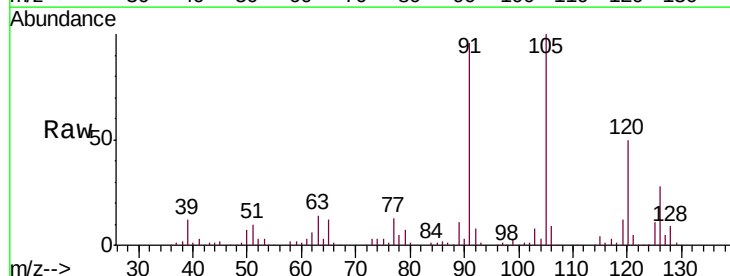
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV012419

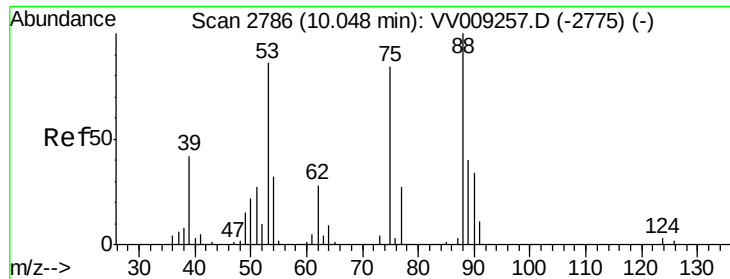
Tgt Ion: 91 Resp: 151356
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 45.560 ug/l
 RT: 10.59 min Scan# 2953
 Delta R.T. 0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

Tgt Ion: 105 Resp: 180141
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.8 74.3

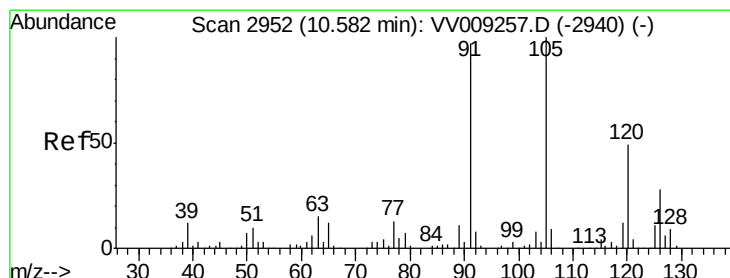
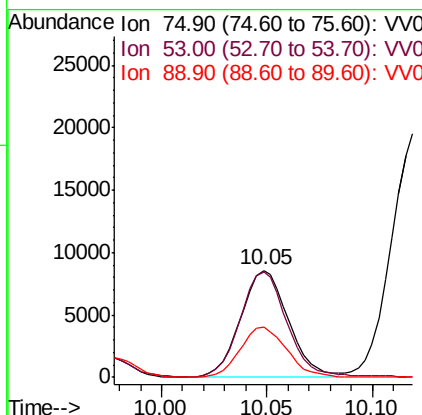
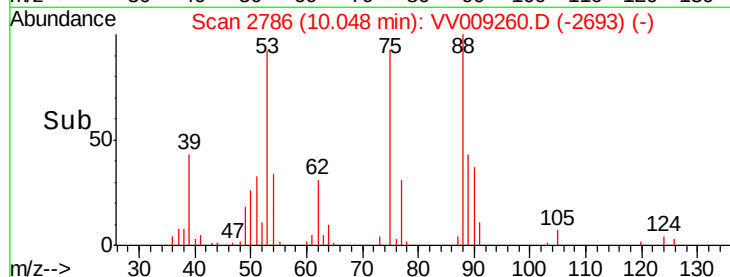
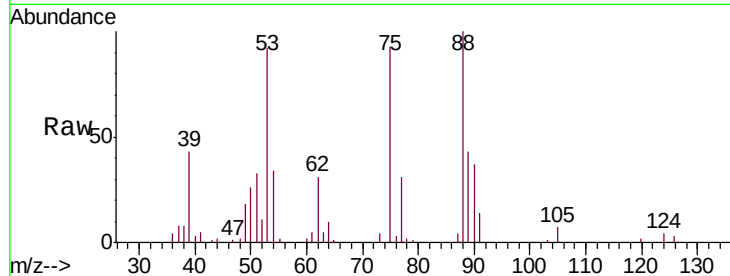




#81
trans-1,4-Dichloro-2-butene
Concen: 51.459 ug/l
RT: 10.05 min Scan# 2786
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

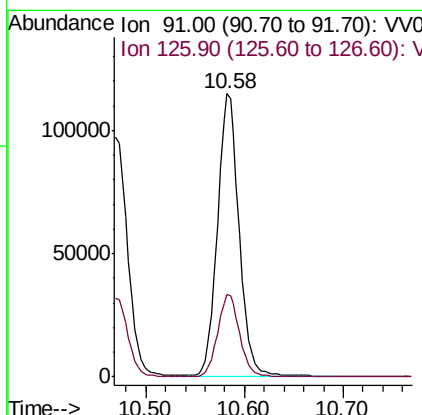
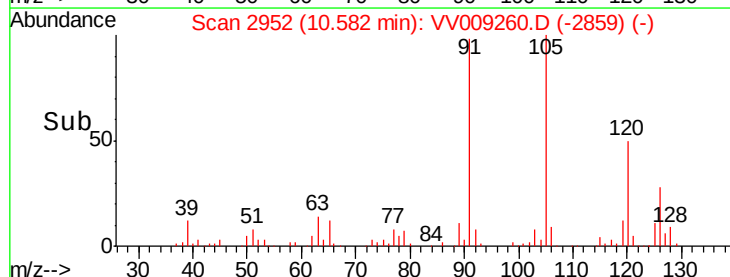
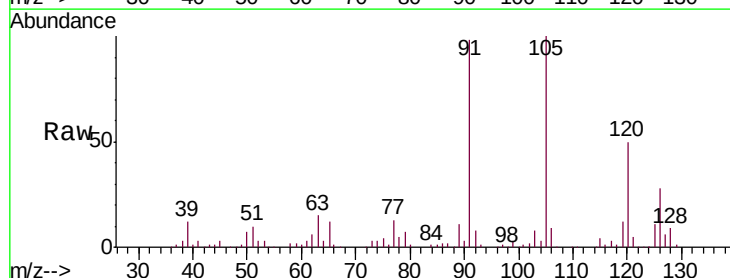
Instrument :
MSVOA_V
ClientSampleId :
ICVVV012419

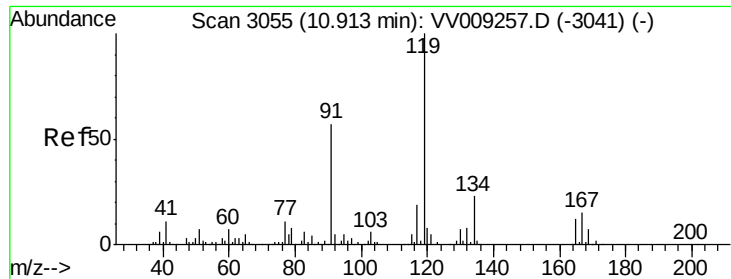
Tgt Ion: 75 Resp: 13536
Ion Ratio Lower Upper
75 100
53 97.3 80.2 120.2
89 45.5 36.8 55.2



#82
4-Chlorotoluene
Concen: 44.768 ug/l
RT: 10.58 min Scan# 2952
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

Tgt Ion: 91 Resp: 177893
Ion Ratio Lower Upper
91 100
126 28.8 14.6 44.0





#83

tert-Butylbenzene

Concen: 45.885 ug/l

RT: 10.91 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

ICVV012419

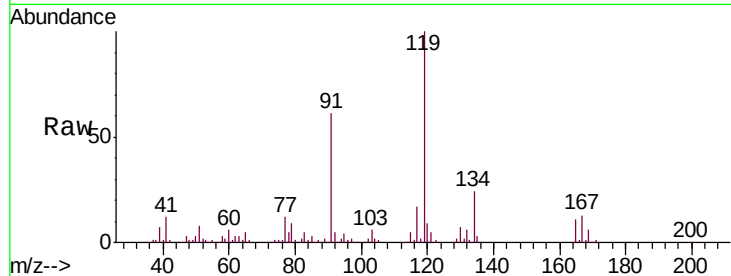
Tgt Ion:119 Resp: 175162

Ion Ratio Lower Upper

119 100

91 58.6 28.6 85.8

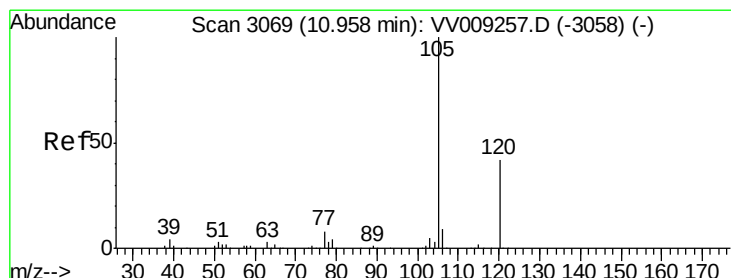
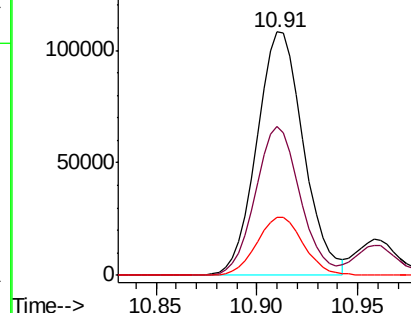
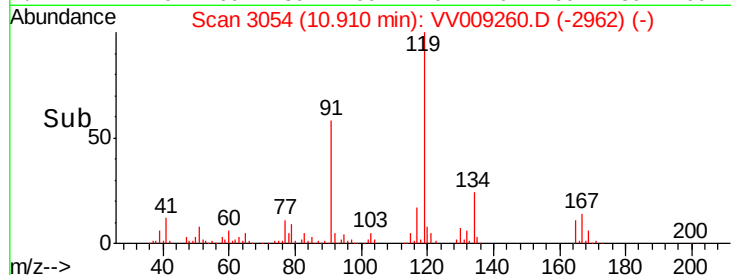
134 24.1 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VV0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 45.738 ug/l

RT: 10.96 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VV009260.D

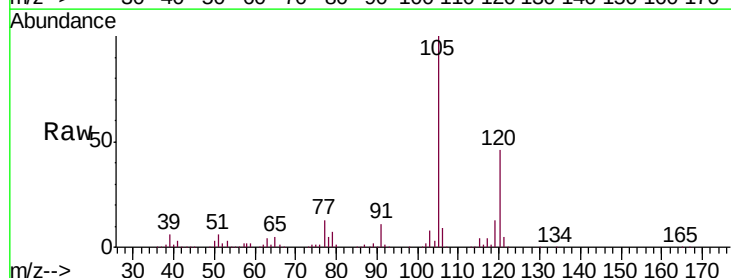
Acq: 24 Jan 2019 15:11

Tgt Ion:105 Resp: 185638

Ion Ratio Lower Upper

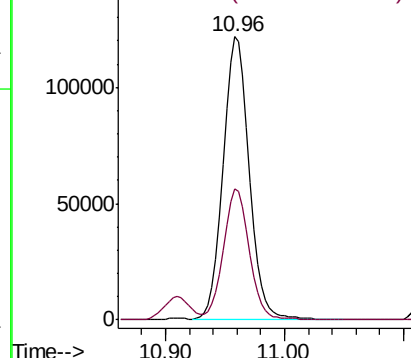
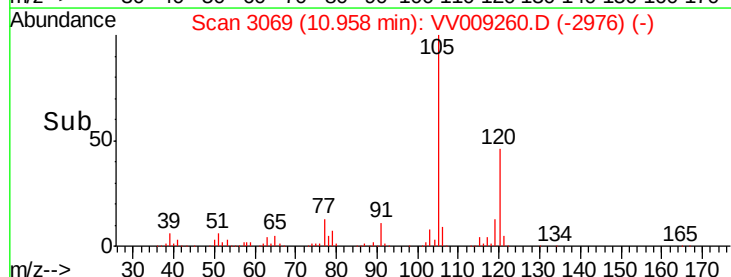
105 100

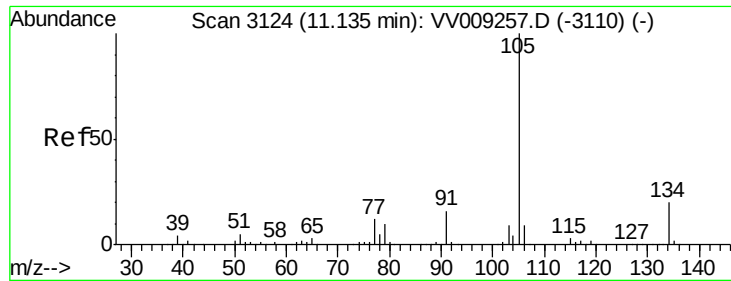
120 46.3 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

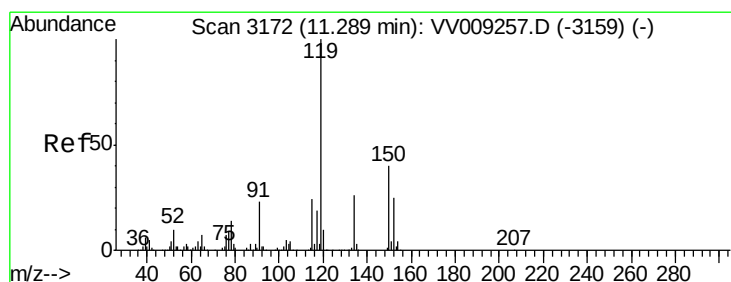
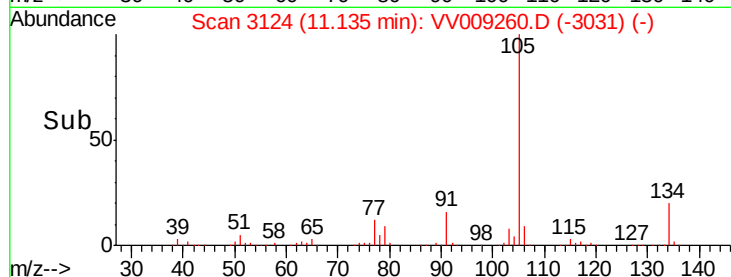
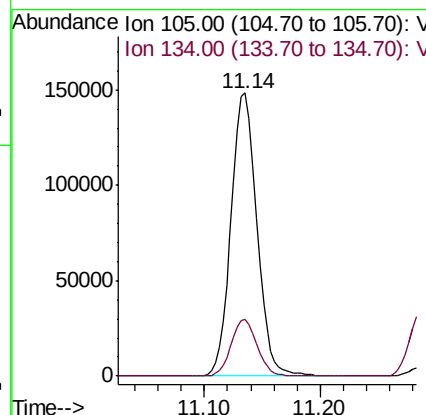
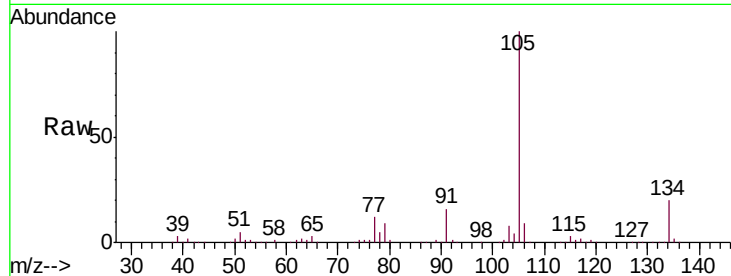




#85
 sec-Butylbenzene
 Concen: 46.152 ug/l
 RT: 11.14 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

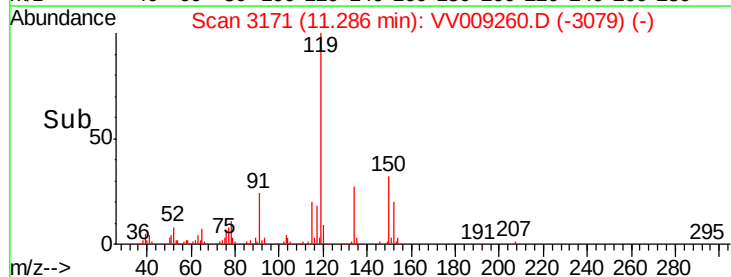
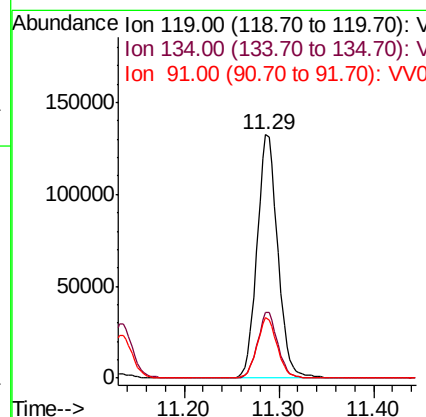
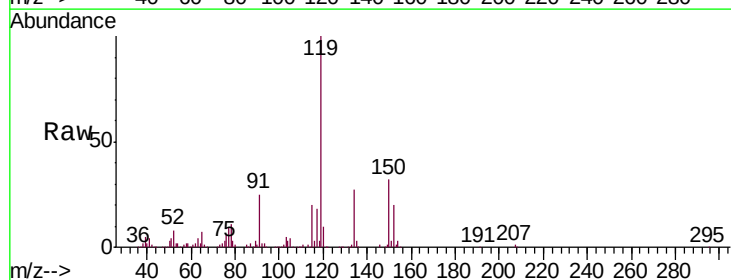
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV012419

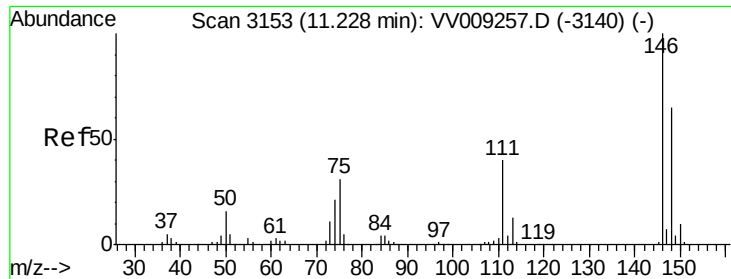
Tgt Ion:105 Resp: 229601
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 46.001 ug/l
 RT: 11.29 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

Tgt Ion:119 Resp: 201952
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 24.3 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 44.858 ug/l

RT: 11.23 min Scan# 3153

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

ICVV012419

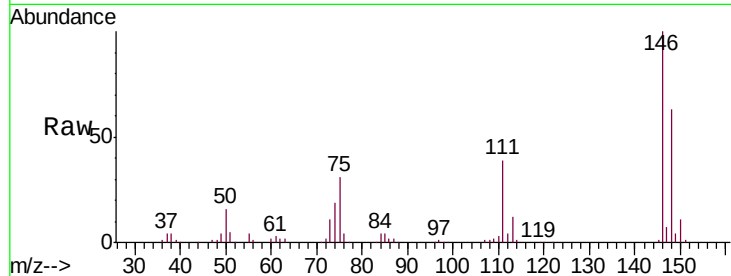
Tgt Ion:146 Resp: 99637

Ion Ratio Lower Upper

146 100

111 40.9 20.2 60.5

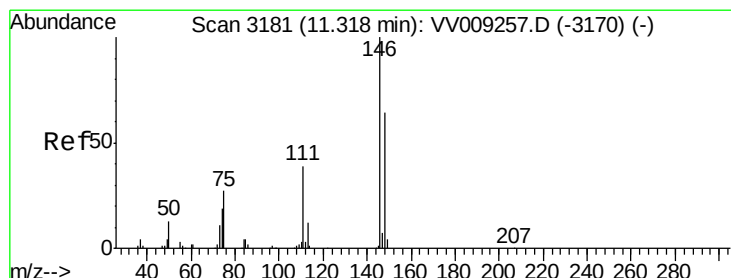
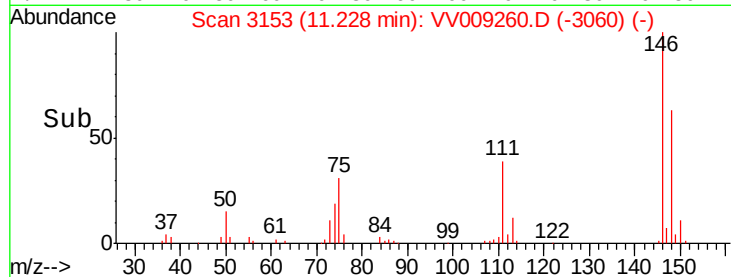
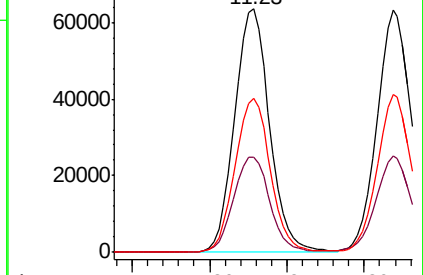
148 64.0 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 44.189 ug/l

RT: 11.32 min Scan# 3181

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

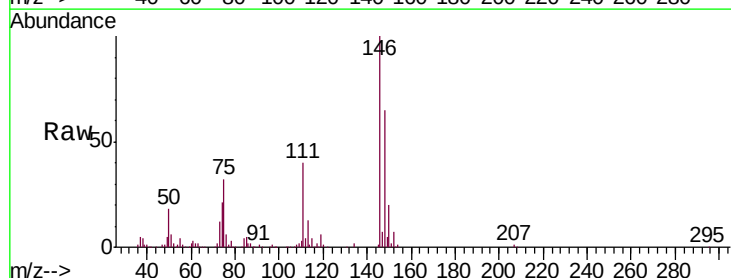
Tgt Ion:146 Resp: 100187

Ion Ratio Lower Upper

146 100

111 40.7 20.3 61.0

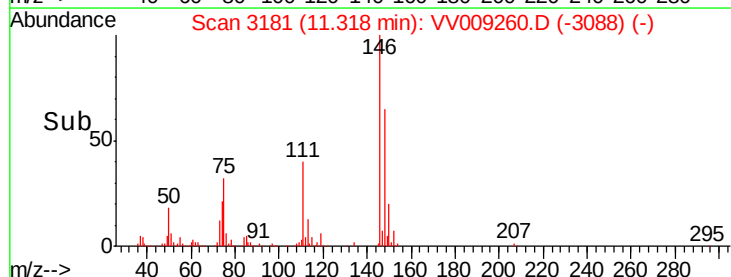
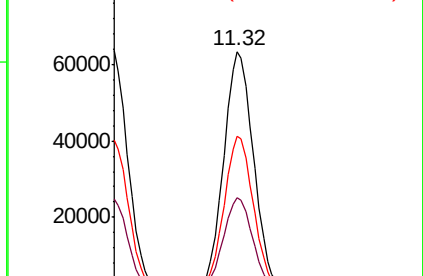
148 65.2 31.6 94.8

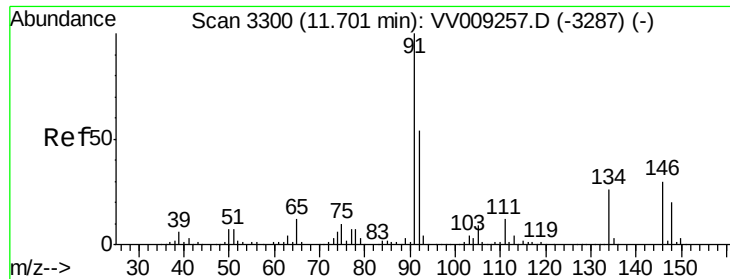


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

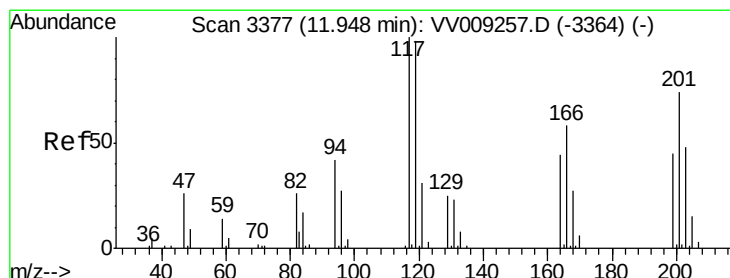
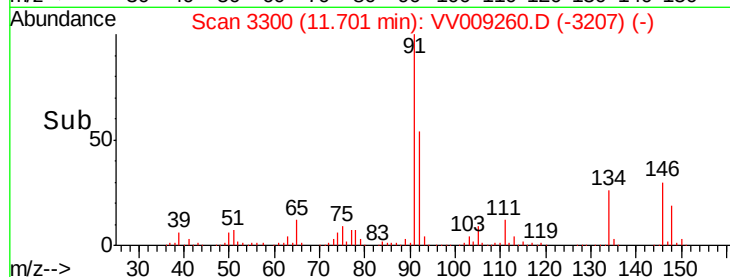
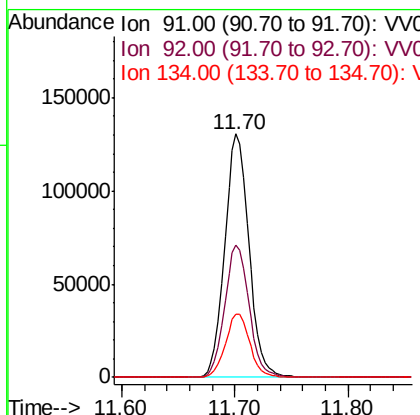
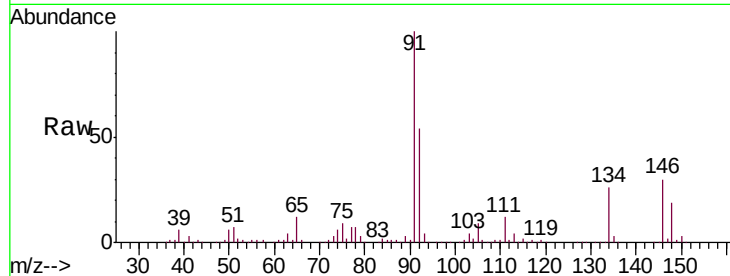




#89
n-Butylbenzene
Concen: 45.828 ug/l
RT: 11.70 min Scan# 3300
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

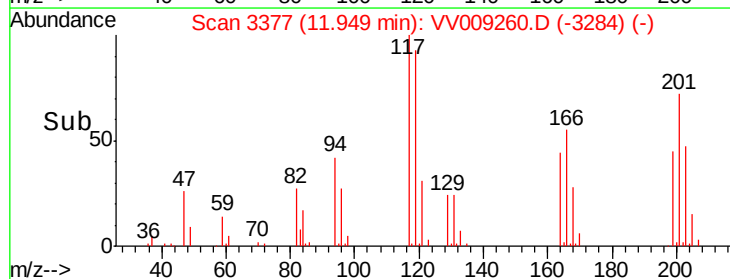
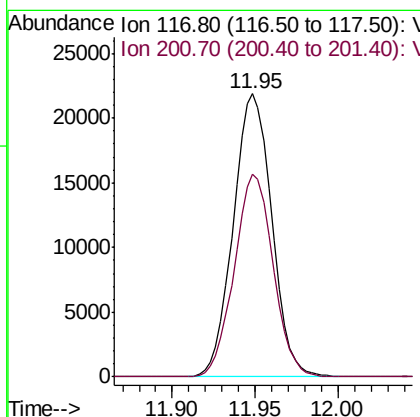
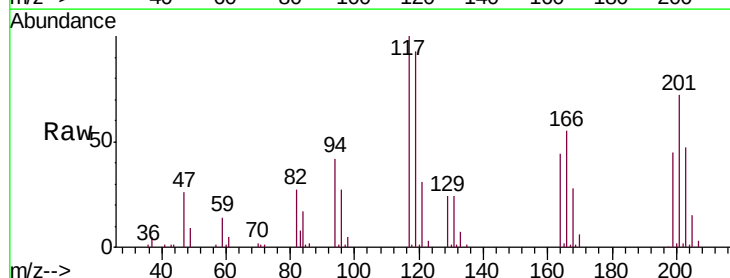
Instrument :
MSVOA_V
ClientSampleId :
ICVVV012419

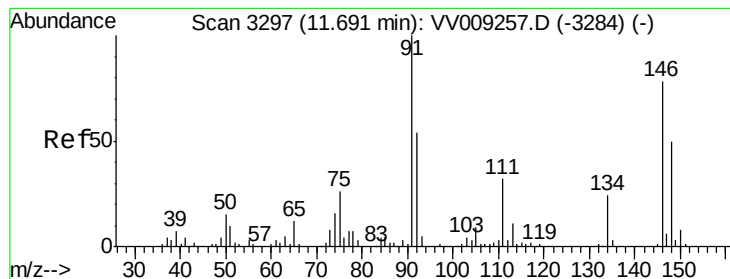
Tgt Ion: 91 Resp: 194835
Ion Ratio Lower Upper
91 100
92 54.5 27.1 81.2
134 26.2 13.1 39.3



#90
Hexachloroethane
Concen: 45.537 ug/l
RT: 11.95 min Scan# 3377
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

Tgt Ion: 117 Resp: 35361
Ion Ratio Lower Upper
117 100
201 71.9 36.4 109.3





#91

1,2-Dichlorobenzene

Concen: 46.007 ug/l

RT: 11.69 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

ICVV012419

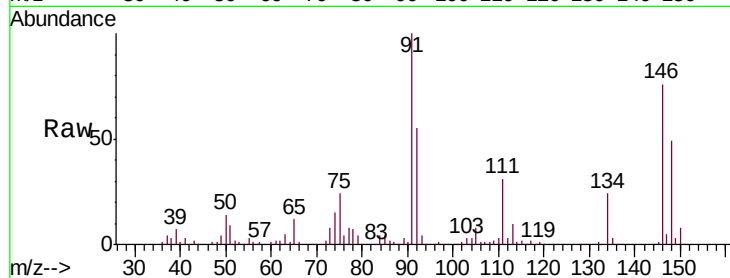
Tgt Ion:146 Resp: 91681

Ion Ratio Lower Upper

146 100

111 41.9 20.9 62.7

148 64.1 32.1 96.3

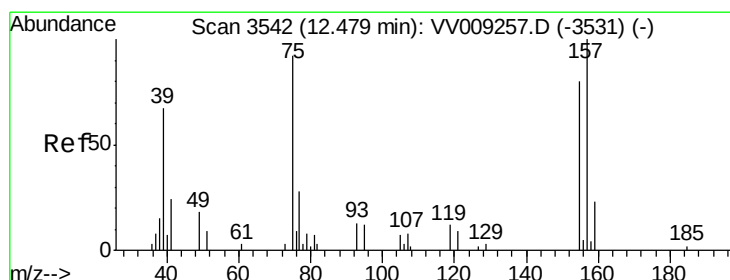
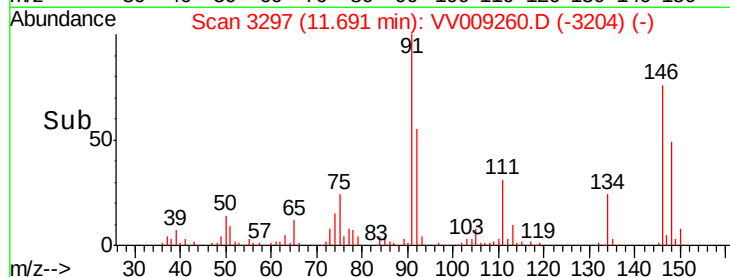
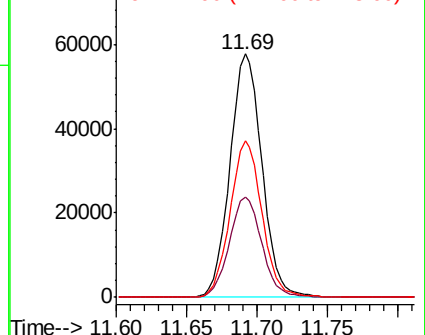


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.365 ug/l

RT: 12.48 min Scan# 3542

Delta R.T. 0.00 min

Lab File: VV009260.D

Acq: 24 Jan 2019 15:11

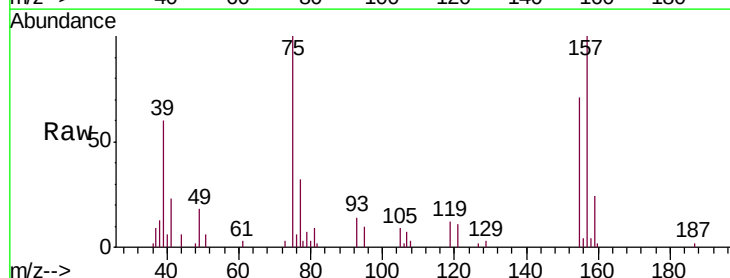
Tgt Ion: 75 Resp: 8612

Ion Ratio Lower Upper

75 100

155 78.4 41.1 123.4

157 101.0 53.2 159.6

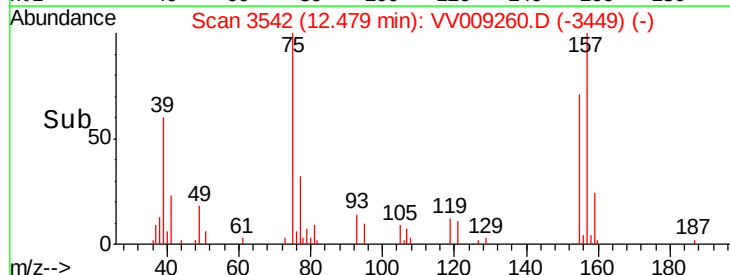
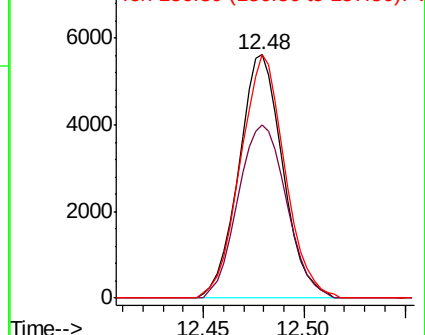


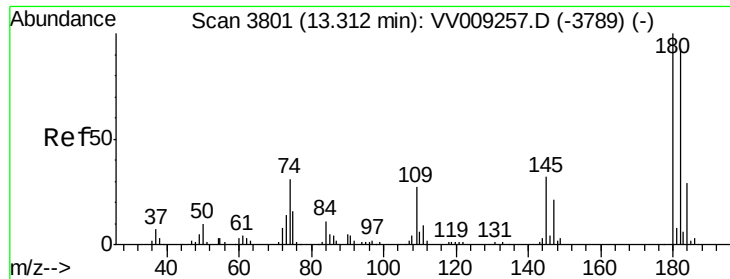
Abundance

Ion 74.90 (74.60 to 75.60): VV0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

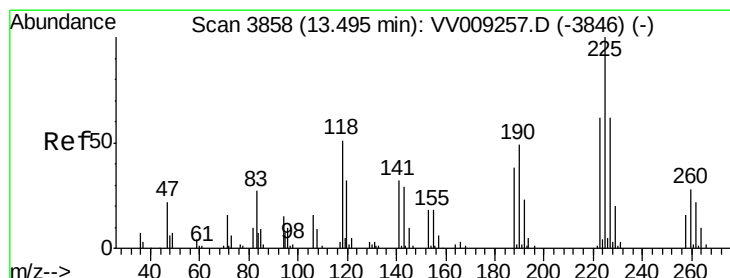
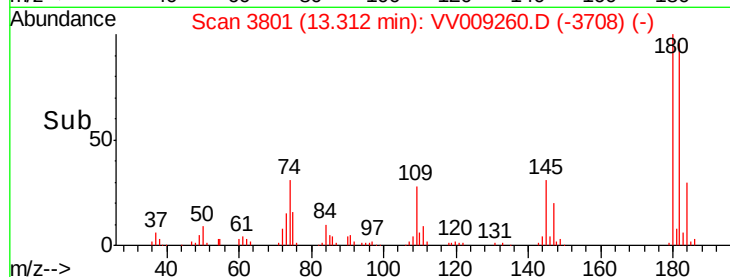
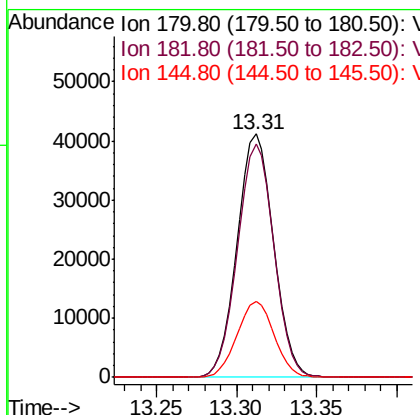
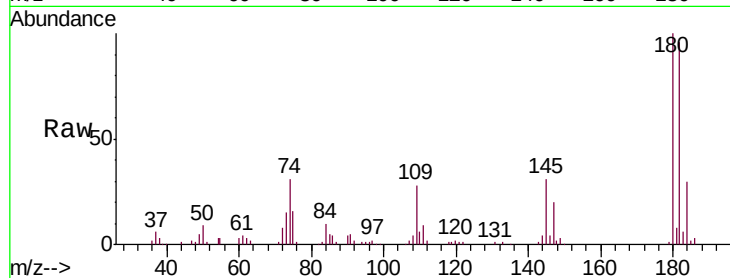




#93
 1,2,4-Trichlorobenzene
 Concen: 45.606 ug/l
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

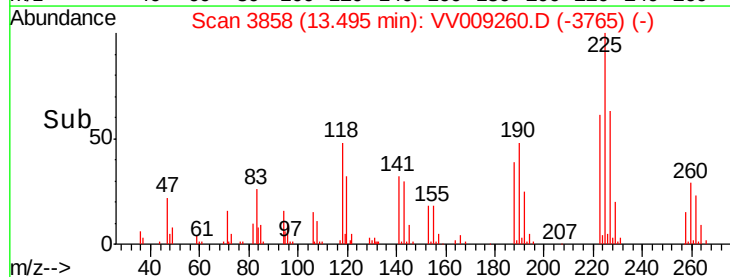
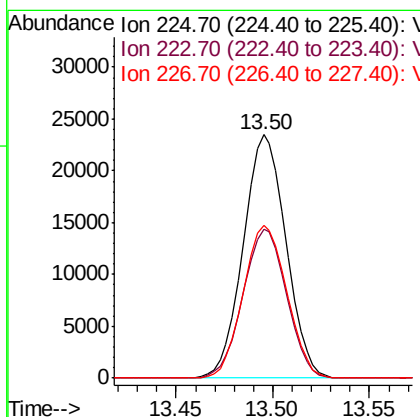
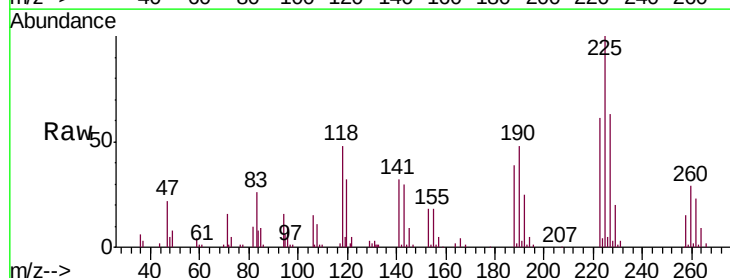
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV012419

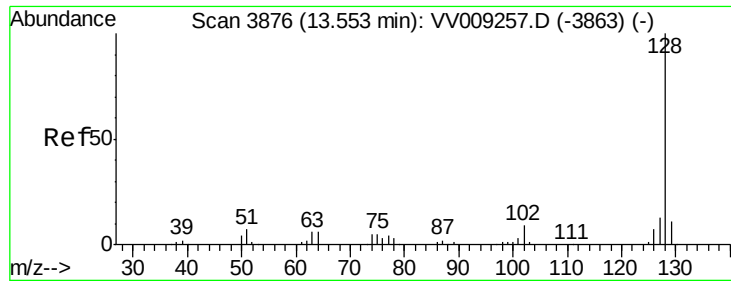
Tgt Ion:180 Resp: 63690
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.1 141.4
 145 31.8 15.8 47.4



#94
 Hexachlorobutadiene
 Concen: 45.139 ug/l
 RT: 13.50 min Scan# 3858
 Delta R.T. 0.00 min
 Lab File: VV009260.D
 Acq: 24 Jan 2019 15:11

Tgt Ion:225 Resp: 36034
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.3 93.9
 227 64.0 31.6 94.7

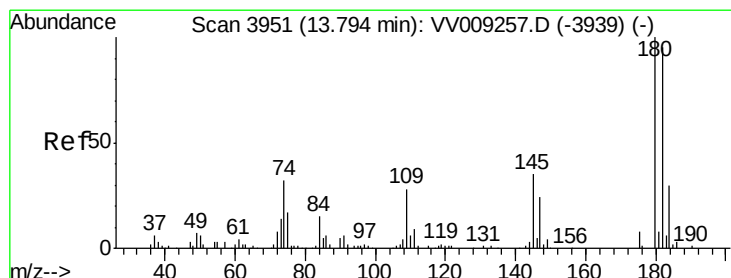
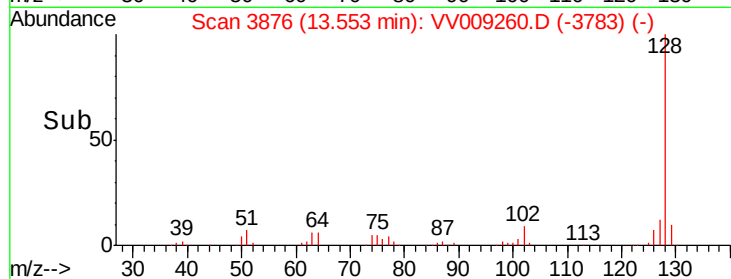
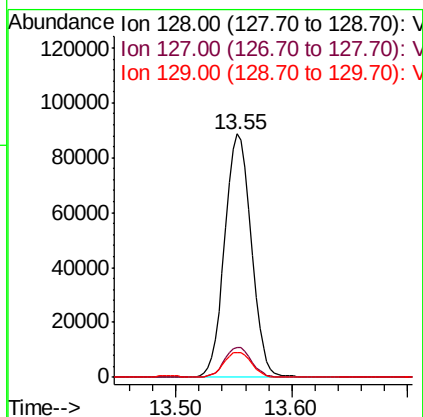
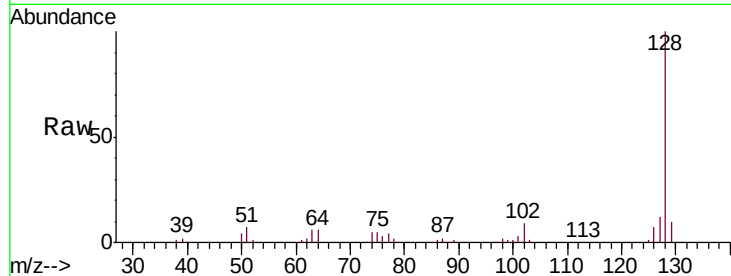




#95
Naphthalene
Concen: 50.201 ug/l
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

Instrument :
MSVOA_V
ClientSampleId :
ICVV012419

Tgt Ion:128 Resp: 140440
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 46.832 ug/l
RT: 13.80 min Scan# 3952
Delta R.T. 0.00 min
Lab File: VV009260.D
Acq: 24 Jan 2019 15:11

Tgt Ion:180 Resp: 57689
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.6
145 34.3 17.2 51.6

