

Data File : VV009227.D
Acq On : 18 Jan 2019 18:17
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00 G/5ML/MSVOA_V/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ICVVV011819

Quant Time: Jan 19 03:46:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V011819S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 19 03:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	92588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	163445	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	153109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	78080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.08	65	64216	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	4.64	113	55370	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	7.36	98	212044	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	10.12	95	84341	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	35039	47.180	ug/l	98
3) Chloromethane	1.25	50	53323	49.256	ug/l	100
4) Vinyl Chloride	1.33	62	50882	49.508	ug/l	99
5) Bromomethane	1.53	94	33431	48.372	ug/l	99
6) Chloroethane	1.60	64	31838	48.339	ug/l	100
7) Trichlorofluoromethane	1.76	101	29499	48.994	ug/l	98
8) Diethyl Ether	1.96	74	25666	49.655	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.14	101	44038	46.879	ug/l	96
10) Methyl Iodide	2.26	142	75150	48.512	ug/l	99
11) Tert butyl alcohol	2.66	59	21122	271.260	ug/l	99
12) 1,1-Dichloroethene	2.14	96	44198	46.895	ug/l	95
13) Acrolein	2.06	56	16193	241.669	ug/l	100
14) Allyl chloride	2.42	41	78854	47.324	ug/l	98
15) Acrylonitrile	2.76	53	54995	246.897	ug/l	99
16) Acetone	2.18	43	63758	234.748	ug/l	98
17) Carbon Disulfide	2.32	76	134385	47.756	ug/l	100
18) Methyl Acetate	2.45	43	36388	46.278	ug/l	98
19) Methyl tert-butyl Ether	2.80	73	73987	49.473	ug/l	100
20) Methylene Chloride	2.53	84	49901	48.462	ug/l	95
21) trans-1,2-Dichloroethene	2.78	96	47343	46.298	ug/l	98
22) Diisopropyl ether	3.32	45	184726	49.220	ug/l	99
23) Vinyl Acetate	3.30	43	516598	249.905	ug/l	99
24) 1,1-Dichloroethane	3.22	63	107652	47.698	ug/l	100
25) 2-Butanone	4.01	43	87416	243.214	ug/l	97
26) 2,2-Dichloropropane	3.95	77	58858	50.048	ug/l	100
27) cis-1,2-Dichloroethene	3.95	96	63758	49.101	ug/l	100
28) Bromochloromethane	4.29	49	45826	51.909	ug/l	98
29) Tetrahydrofuran	4.39	42	54576	260.726	ug/l	97
30) Chloroform	4.42	83	113105	47.943	ug/l	96
31) Cyclohexane	4.72	56	91137	45.680	ug/l	97
32) 1,1,1-Trichloroethane	4.65	97	90147	48.358	ug/l	99
36) 1,1-Dichloropropene	4.87	75	81332	46.805	ug/l	98
37) Ethyl Acetate	4.12	43	37534	51.056	ug/l	99
38) Carbon Tetrachloride	4.87	117	83829	48.643	ug/l	99

Data File : VV009227.D
Acq On : 18 Jan 2019 18:17
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00 G/5ML/MSVOA_V/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ICVV011819

Quant Time: Jan 19 03:46:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V011819S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 19 03:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	97696	49.059	ug/l	98
40) Benzene	5.14	78	234530	47.583	ug/l	98
41) Methacrylonitrile	4.30	41	22191	51.752	ug/l	96
42) 1,2-Dichloroethane	5.17	62	80229	48.149	ug/l	99
43) Isopropyl Acetate	5.32	43	75674	51.927	ug/l	100
44) Trichloroethene	5.96	130	60255	47.680	ug/l	100
45) 1,2-Dichloropropane	6.22	63	58297	48.133	ug/l	100
46) Dibromomethane	6.35	93	32452	49.300	ug/l	99
47) Bromodichloromethane	6.55	83	83847	48.555	ug/l	98
48) Methyl methacrylate	6.42	41	37590	50.507	ug/l	99
49) 1,4-Dioxane	6.41	88	10140	1176.928	ug/l	94
51) 4-Methyl-2-Pentanone	7.27	43	193430	263.747	ug/l	100
52) Toluene	7.43	92	151523	49.004	ug/l	99
53) t-1,3-Dichloropropene	7.69	75	83384	49.611	ug/l	97
54) cis-1,3-Dichloropropene	7.07	75	95476	50.207	ug/l	98
55) 1,1,2-Trichloroethane	7.88	97	43775	49.079	ug/l	97
56) Ethyl methacrylate	7.83	69	55999	51.703	ug/l	99
57) 1,3-Dichloropropane	8.05	76	81067	49.191	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.94	63	2226	106.266	ug/l #	84
59) 2-Hexanone	8.18	43	138023	254.799	ug/l	98
60) Dibromochloromethane	8.29	129	54909	51.503	ug/l	99
61) 1,2-Dibromoethane	8.40	107	44814	50.702	ug/l	100
64) Tetrachloroethene	8.02	164	49476	48.843	ug/l	98
65) Chlorobenzene	8.93	112	165245	48.039	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.02	131	58639	49.401	ug/l	99
67) Ethyl Benzene	9.05	91	296011	48.578	ug/l	100
68) m/p-Xylenes	9.18	106	224566	98.662	ug/l	99
69) o-Xylene	9.59	106	106900	50.135	ug/l	99
70) Styrene	9.60	104	176278	50.508	ug/l	99
71) Bromoform	9.77	173	29899	51.604	ug/l #	99
73) Isopropylbenzene	9.97	105	294898	48.664	ug/l	100
74) N-amyl acetate	9.84	43	69864	53.353	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.29	83	53998	49.053	ug/l	99
76) 1,2,3-Trichloropropane	10.32	75	59026	69.152	ug/l	80
77) Bromobenzene	10.26	156	65077	47.926	ug/l	98
78) n-propylbenzene	10.40	91	353218	49.074	ug/l	99
79) 2-Chlorotoluene	10.47	91	215778	48.544	ug/l	99
80) 1,3,5-Trimethylbenzene	10.58	105	253602	49.286	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	15524	50.566	ug/l	99
82) 4-Chlorotoluene	10.58	91	259262	48.740	ug/l	100
83) tert-Butylbenzene	10.91	119	241302	49.307	ug/l	100
84) 1,2,4-Trimethylbenzene	10.96	105	259489	48.737	ug/l	99
85) sec-Butylbenzene	11.13	105	309588	49.316	ug/l	100
86) p-Isopropyltoluene	11.29	119	275948	49.483	ug/l	99
87) 1,3-Dichlorobenzene	11.23	146	134818	48.778	ug/l	100
88) 1,4-Dichlorobenzene	11.32	146	136019	48.516	ug/l	99
89) n-Butylbenzene	11.70	91	272007	49.395	ug/l	99
90) Hexachloroethane	11.95	117	50264	49.787	ug/l	100
91) 1,2-Dichlorobenzene	11.69	146	120934	48.779	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.48	75	9922	51.842	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV011819\
Quantitation Report (Not Reviewed)

Data File : VV009227.D
Acq On : 18 Jan 2019 18:17
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00 G/5ML/MSVOA_V/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ICVVV011819

Quant Time: Jan 19 03:46:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V011819S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 19 03:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	85407	50.349	ug/l	99
94) Hexachlorobutadiene	13.49	225	46098	48.410	ug/l	98
95) Naphthalene	13.55	128	166907	55.718	ug/l	99
96) 1,2,3-Trichlorobenzene	13.79	180	74784	51.575	ug/l	99

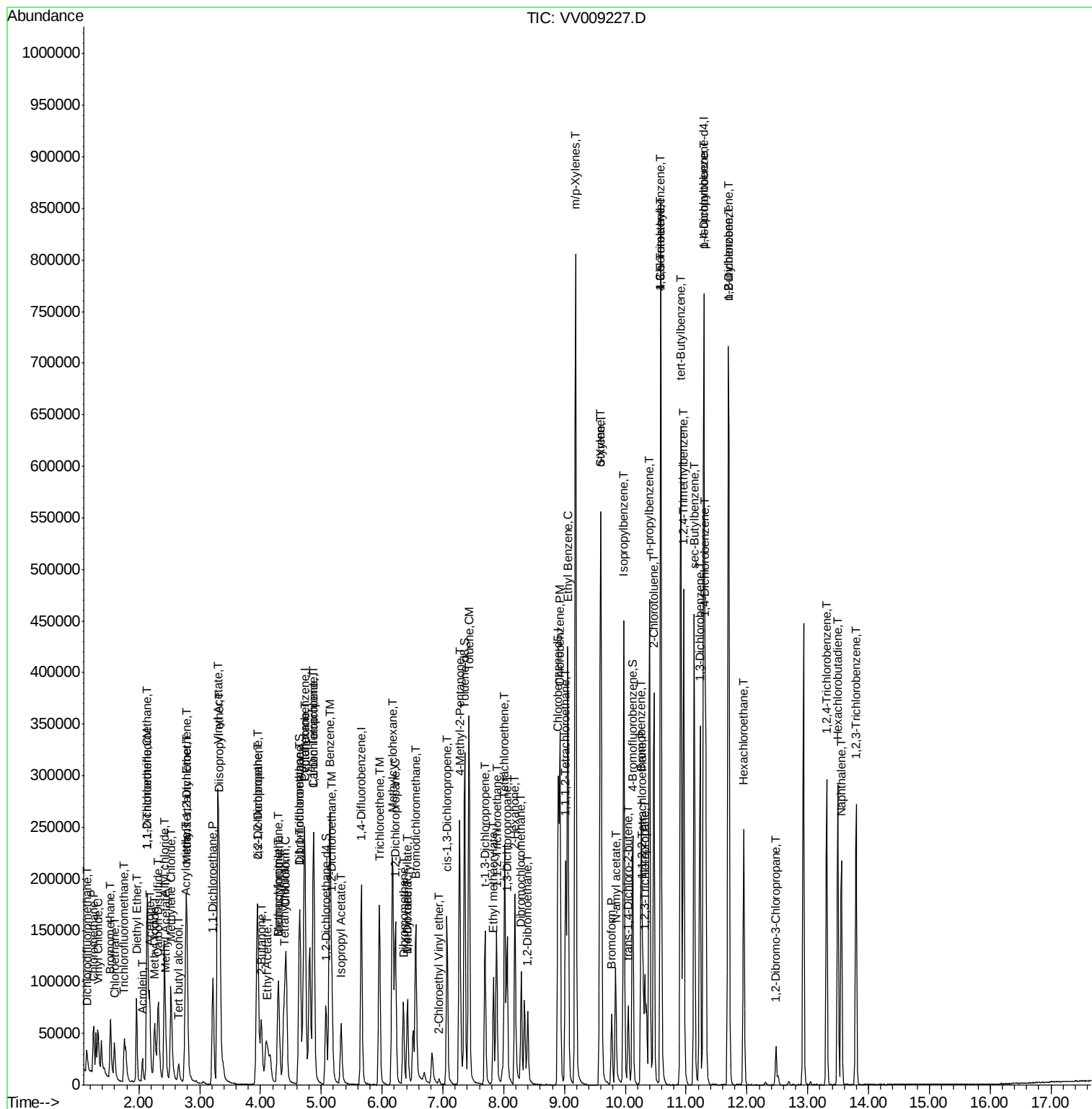
(#) = qualifier out of range (m) = manual integration (+) = signals summed

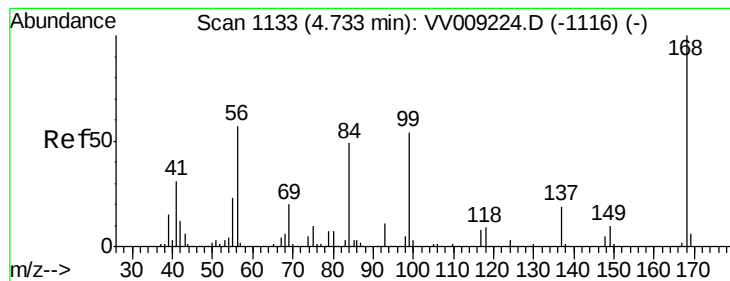
Data File : VV009227.D

```
Acq On       : 18 Jan 2019   18:17
Operator     : SY/MD
Sample       : VSTDICV050
Misc        : 5.00 G/5ML/MSVOA_V/SOIL
ALS Vial     : 8      Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
ICVV011819

Quant Time: Jan 19 03:46:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V011819S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 19 03:39:51 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: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

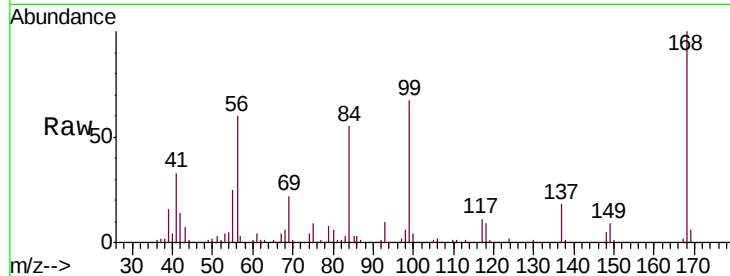
ICVVV011819

Tgt Ion:168 Resp: 92588

Ion Ratio Lower Upper

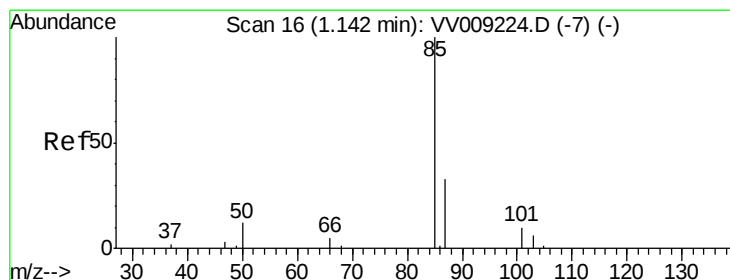
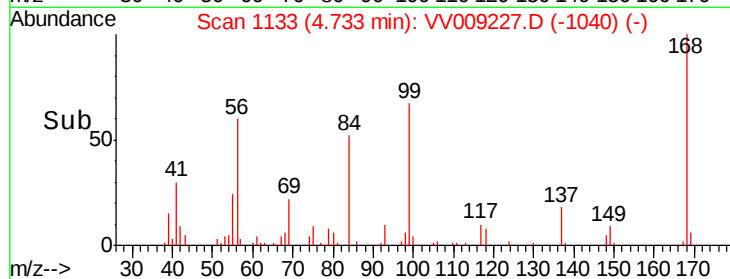
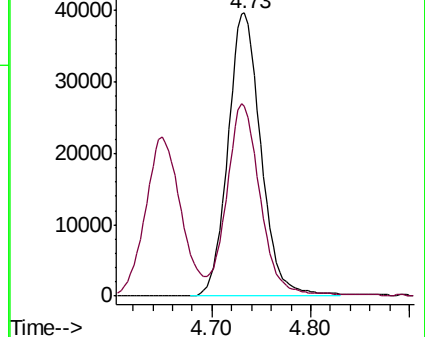
168 100

99 66.2 54.7 82.1



Abundance Ion 167.90 (167.60 to 168.60): VV009227.D (-1040) (-)

Ion 98.90 (98.60 to 99.60): VV009227.D (-1040) (-)



#2

Dichlorodifluoromethane

Concen: 47.180 ug/l

RT: 1.14 min Scan# 16

Delta R.T. -0.00 min

Lab File: VV009227.D

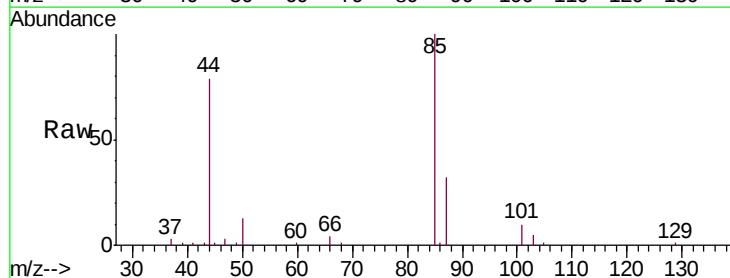
Acq: 18 Jan 2019 18:17

Tgt Ion: 85 Resp: 35039

Ion Ratio Lower Upper

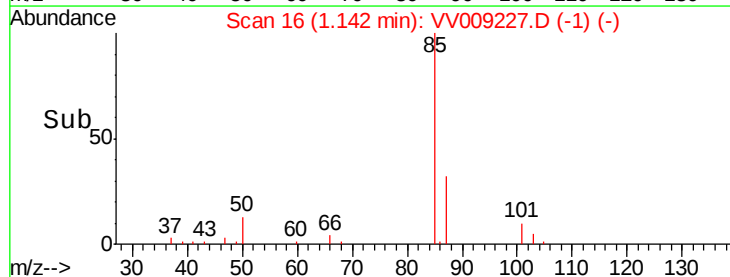
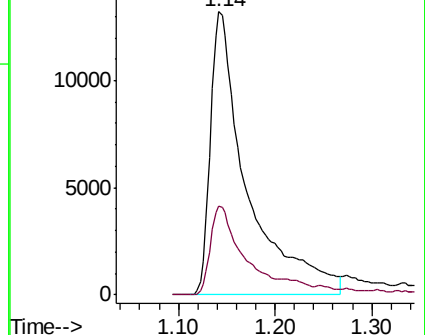
85 100

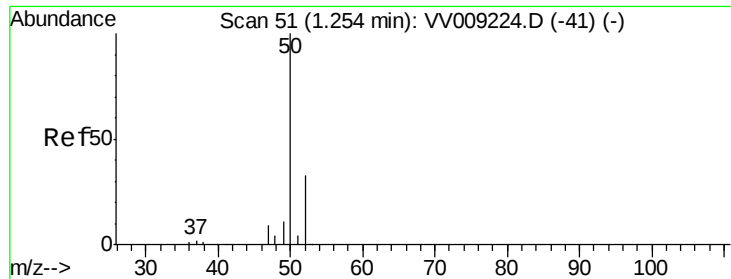
87 31.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VV009227.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VV009227.D (-1) (-)





#3

Chloromethane

Concen: 49.256 ug/l

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

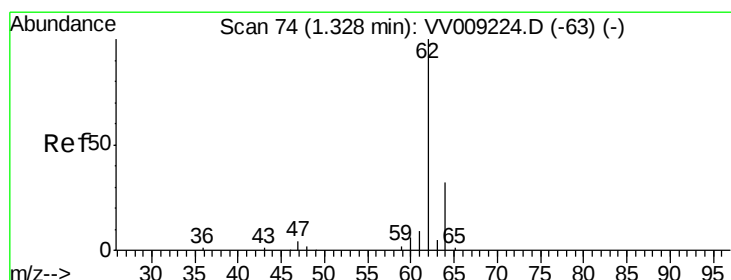
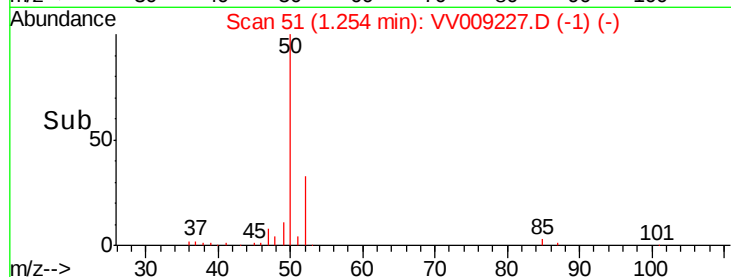
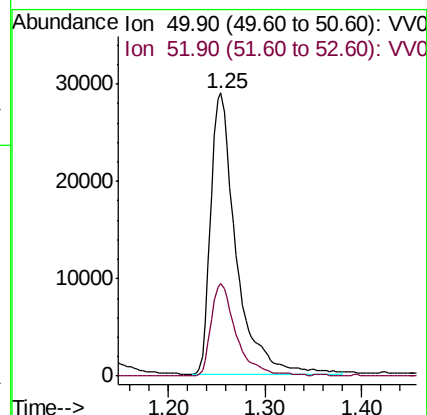
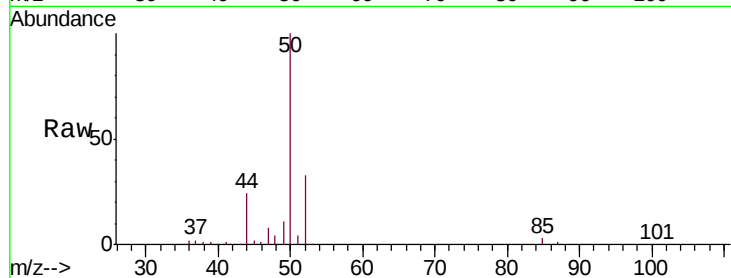
ICVVV011819

Tgt Ion: 50 Resp: 53323

Ion Ratio Lower Upper

50 100

52 32.7 26.1 39.1



#4

Vinyl Chloride

Concen: 49.508 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VV009227.D

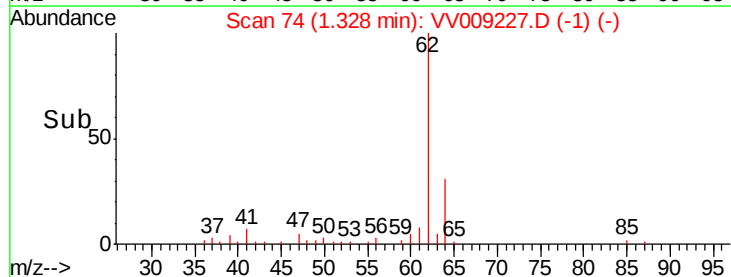
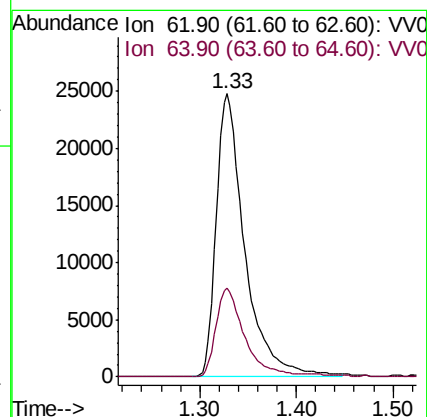
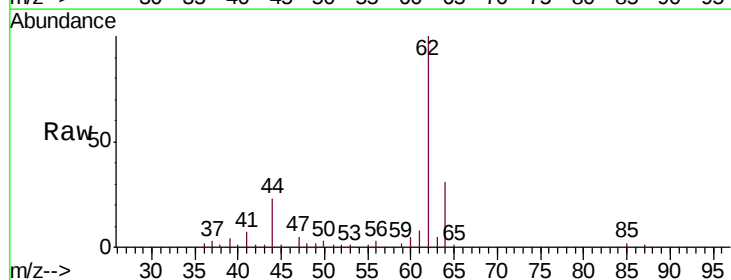
Acq: 18 Jan 2019 18:17

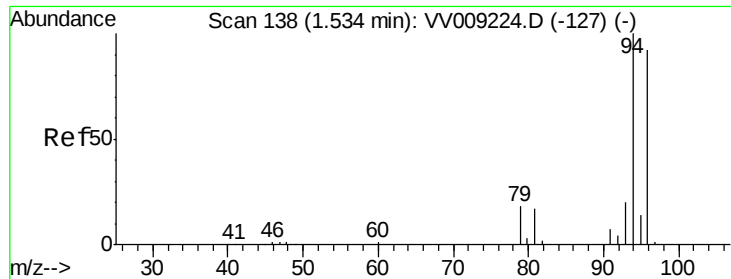
Tgt Ion: 62 Resp: 50882

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5

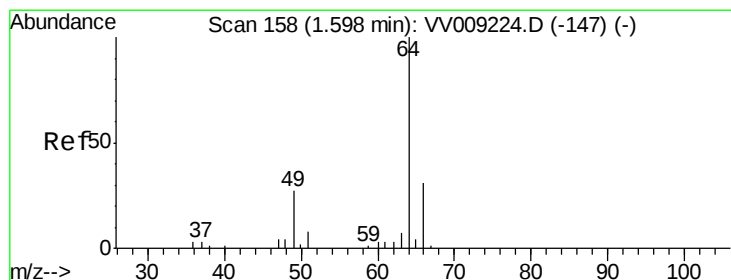
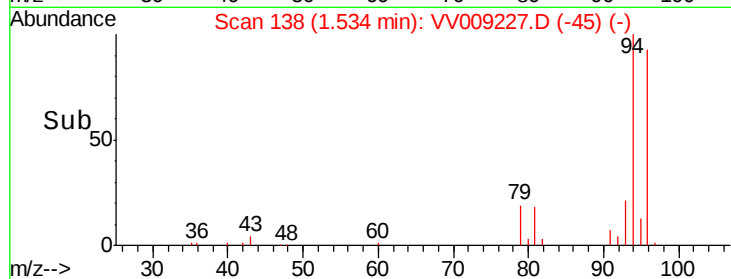
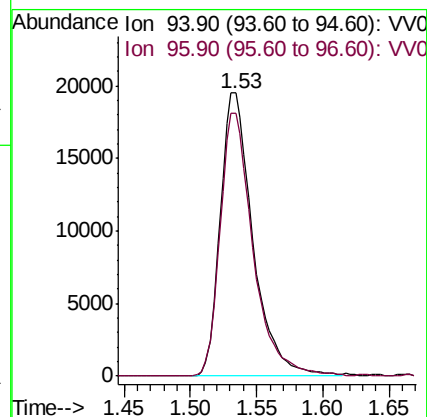
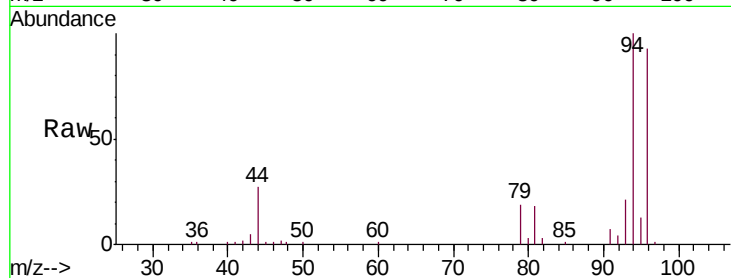




#5
Bromomethane
Concen: 48.372 ug/l
RT: 1.53 min Scan# 138
Delta R.T. 0.00 min
Lab File: VV009227.D
Acq: 18 Jan 2019 18:17

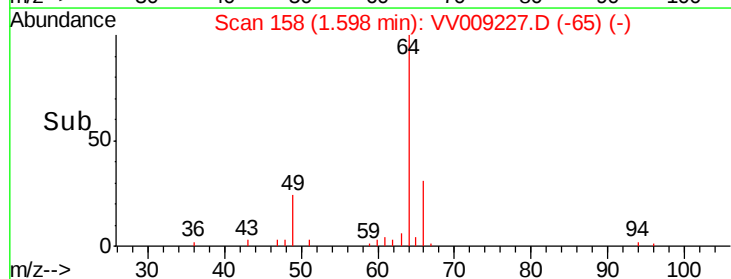
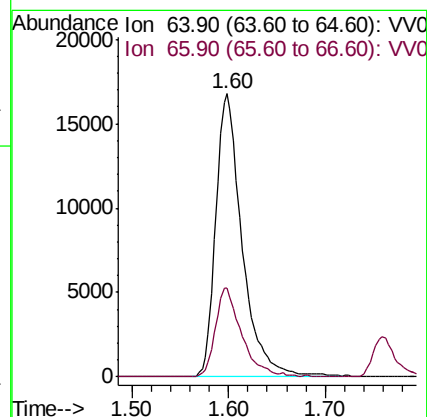
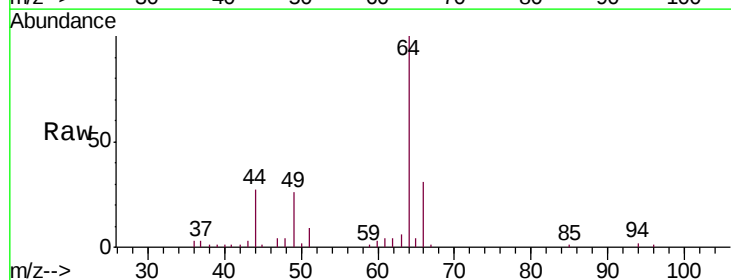
Instrument :
MSVOA_V
ClientSampleId :
ICVVV011819

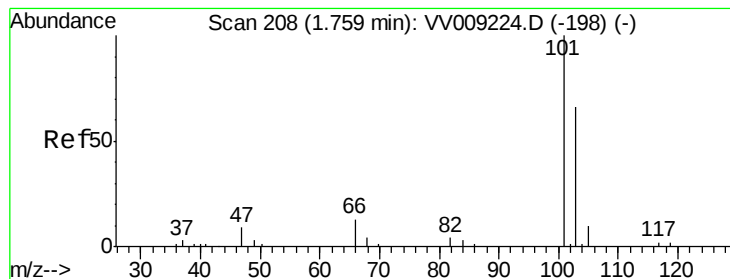
Tgt Ion: 94 Resp: 33431
Ion Ratio Lower Upper
94 100
96 92.9 73.9 110.9



#6
Chloroethane
Concen: 48.339 ug/l
RT: 1.60 min Scan# 158
Delta R.T. -0.00 min
Lab File: VV009227.D
Acq: 18 Jan 2019 18:17

Tgt Ion: 64 Resp: 31838
Ion Ratio Lower Upper
64 100
66 31.2 25.1 37.7



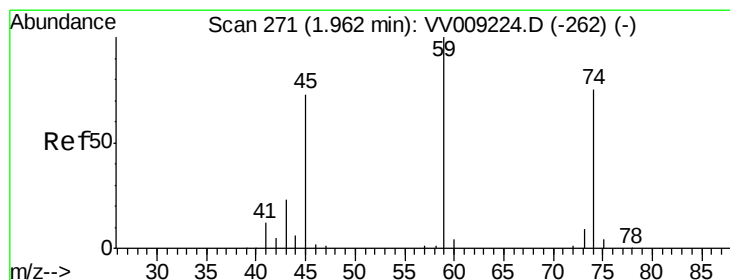
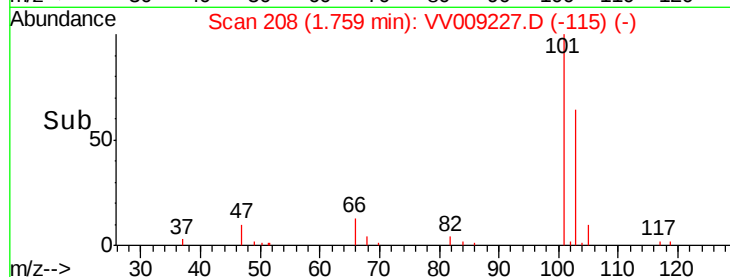
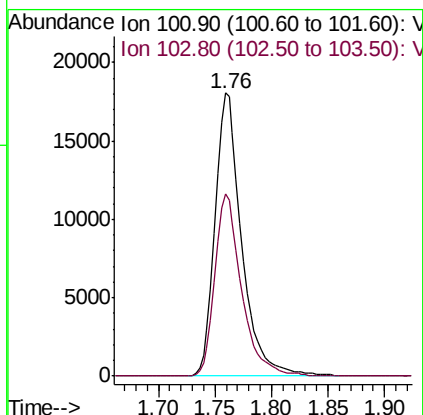
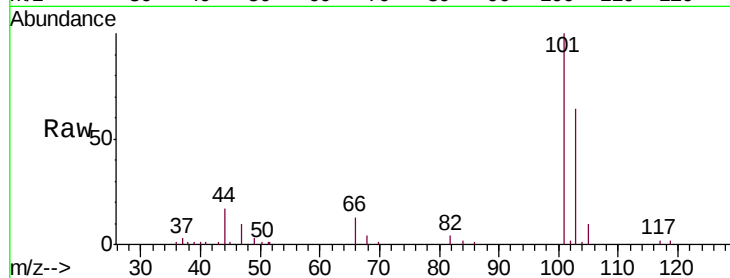


#7

Trichlorofluoromethane
 Concen: 48.994 ug/l
 RT: 1.76 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV011819

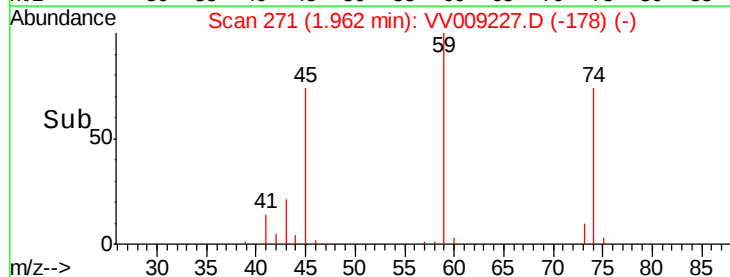
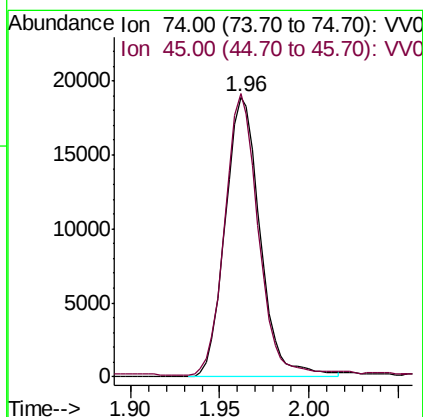
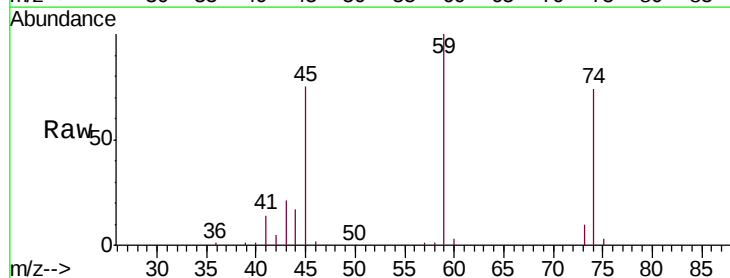
Tgt Ion: 101 Resp: 29499
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.6 79.0

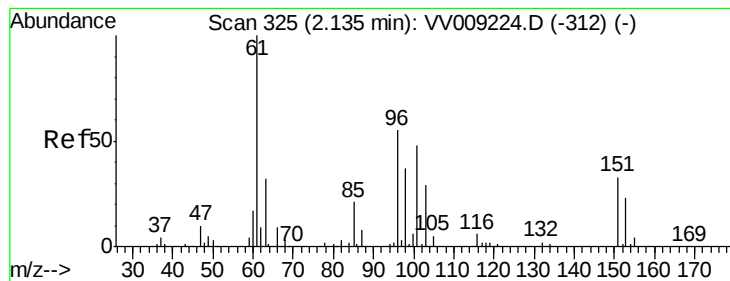


#8

Diethyl Ether
 Concen: 49.655 ug/l
 RT: 1.96 min Scan# 271
 Delta R.T. 0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

Tgt Ion: 74 Resp: 25666
 Ion Ratio Lower Upper
 74 100
 45 95.9 49.4 148.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.879 ug/l

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

ICVV011819

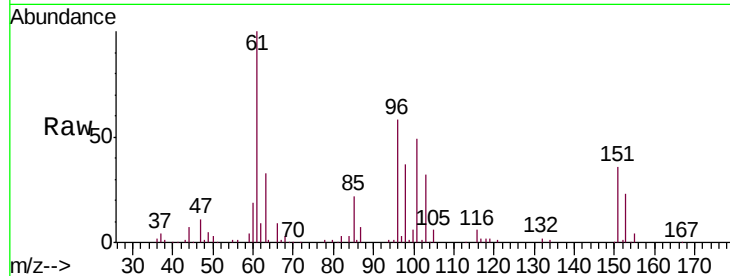
Tgt Ion:101 Resp: 44038

Ion Ratio Lower Upper

101 100

85 47.0 36.2 54.4

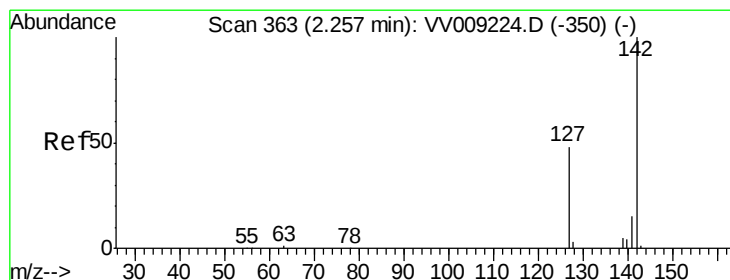
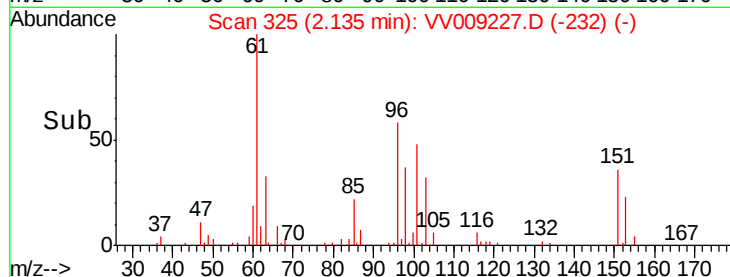
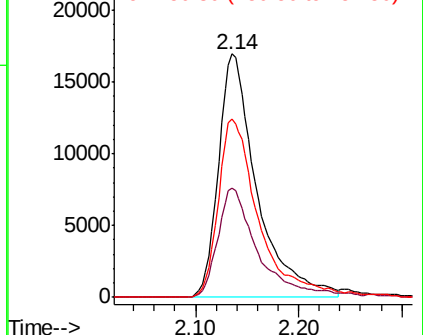
151 76.4 57.9 86.9



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: 48.512 ug/l

RT: 2.26 min Scan# 363

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

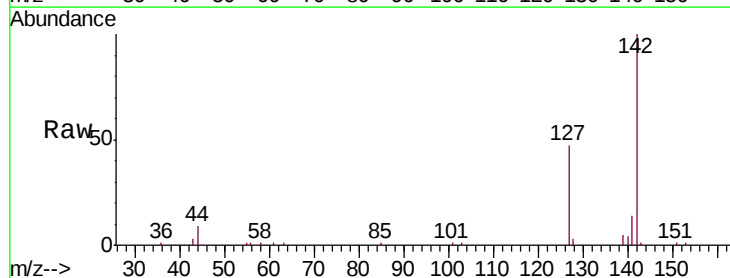
Tgt Ion:142 Resp: 75150

Ion Ratio Lower Upper

142 100

127 48.0 39.0 58.4

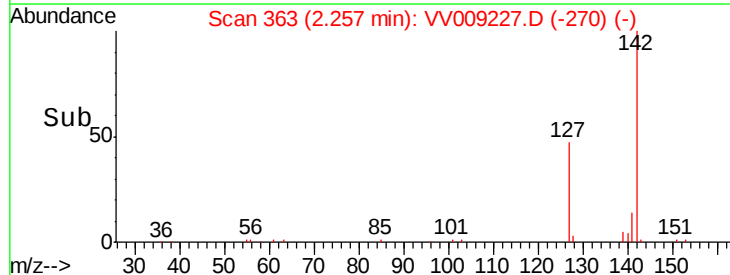
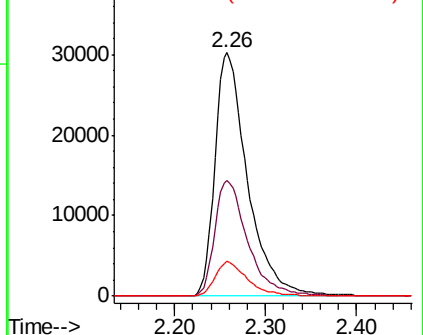
141 14.0 11.4 17.0

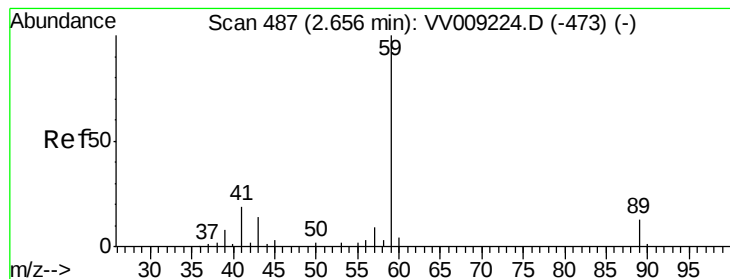


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



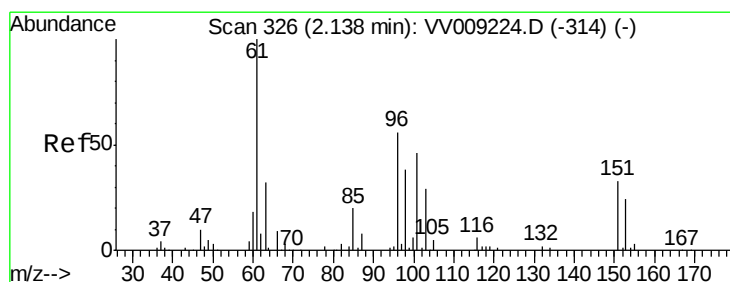
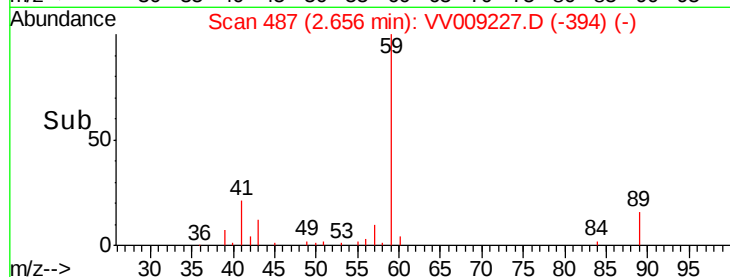
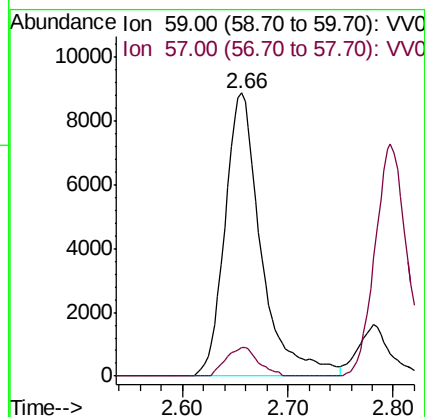
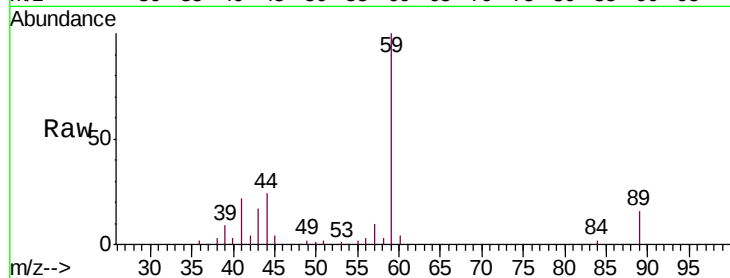


#11

Tert butyl alcohol
 Concen: 271.260 ug/l
 RT: 2.66 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV011819

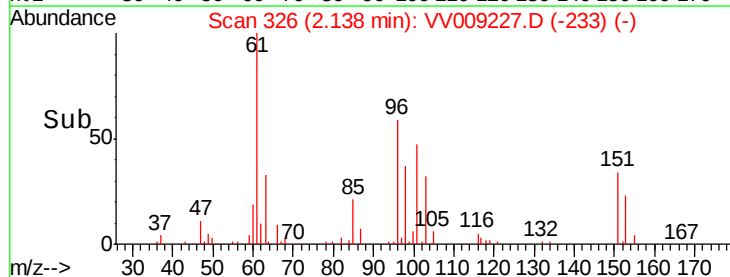
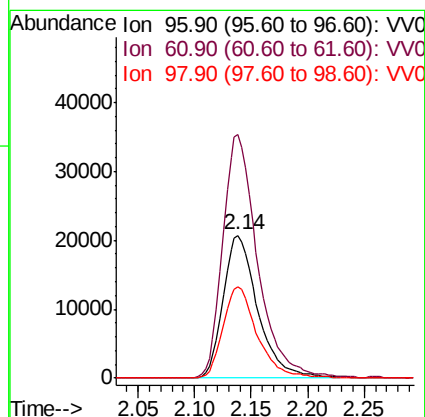
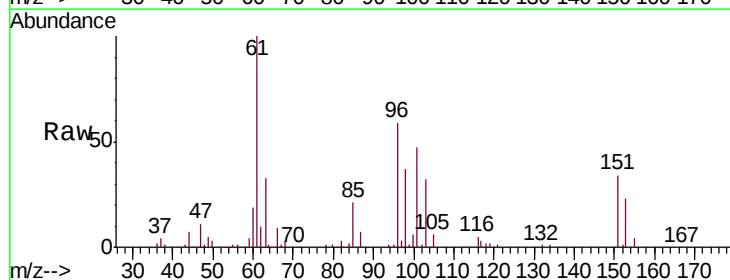
Tgt Ion: 59 Resp: 21122
 Ion Ratio Lower Upper
 59 100
 57 9.0 7.5 11.3

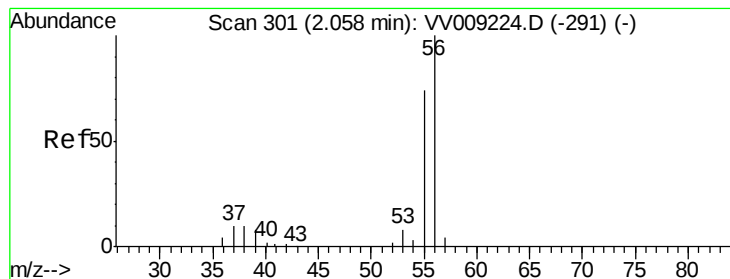


#12

1,1-Dichloroethene
 Concen: 46.895 ug/l
 RT: 2.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

Tgt Ion: 96 Resp: 44198
 Ion Ratio Lower Upper
 96 100
 61 170.3 141.9 212.9
 98 63.5 53.3 79.9





#13

Acrolein

Concen: 241.669 ug/l

RT: 2.06 min Scan# 301

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

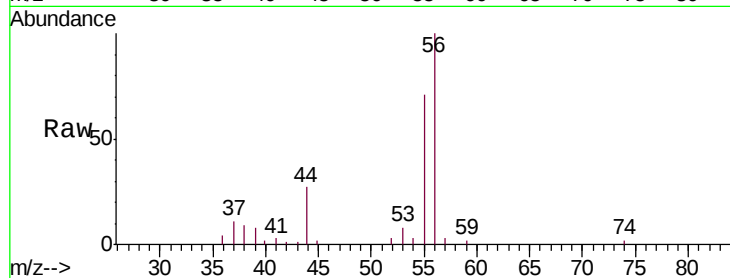
ICVV011819

Tgt Ion: 56 Resp: 16193

Ion Ratio Lower Upper

56 100

55 70.3 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

2.06

10000

8000

6000

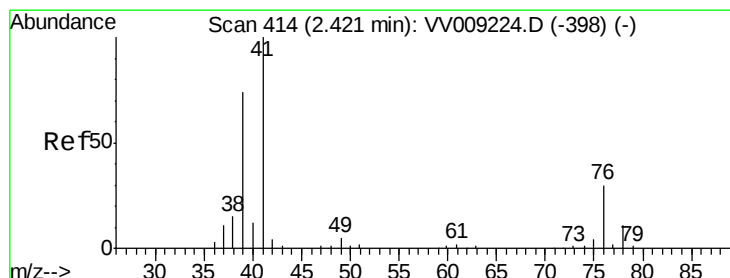
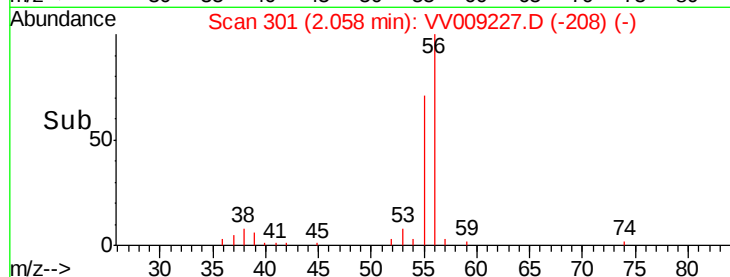
4000

2000

0

Time-->

2.00 2.05 2.10 2.15



#14

Allyl chloride

Concen: 47.324 ug/l

RT: 2.42 min Scan# 414

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

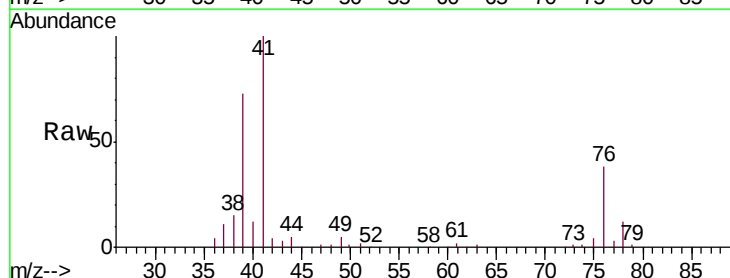
Tgt Ion: 41 Resp: 78854

Ion Ratio Lower Upper

41 100

39 69.7 58.2 87.2

76 36.8 29.4 44.2



Abundance Ion 41.00 (40.70 to 41.70): VV0

Ion 39.00 (38.70 to 39.70): VV0

Ion 75.90 (75.60 to 76.60): VV0

60000

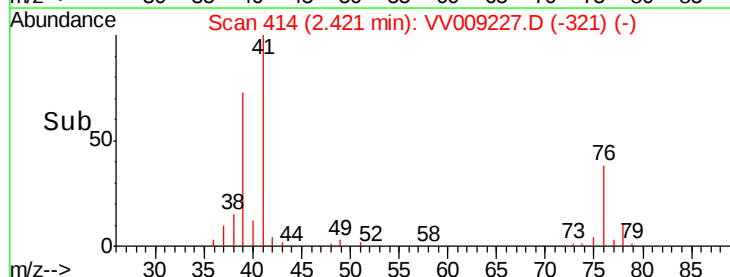
40000

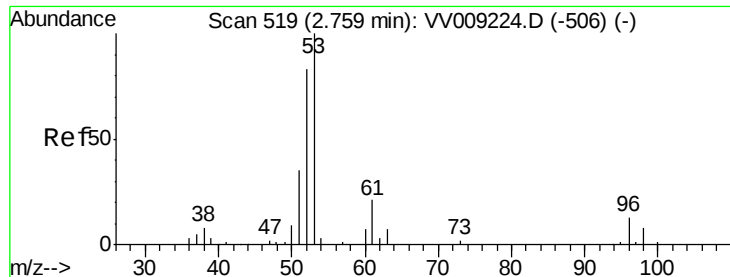
20000

0

Time-->

2.35 2.40 2.45 2.50





#15

Acrylonitrile

Concen: 246.897 ug/l

RT: 2.76 min Scan# 519

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

ICVVV011819

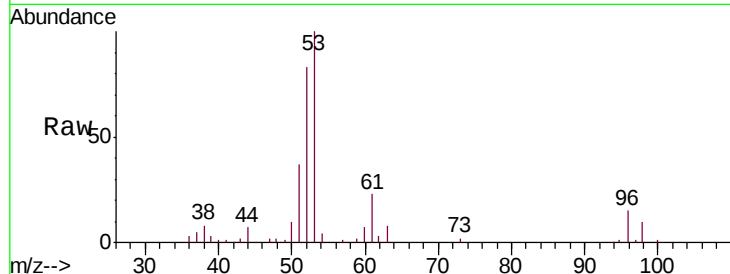
Tgt Ion: 53 Resp: 54995

Ion Ratio Lower Upper

53 100

52 81.7 65.8 98.6

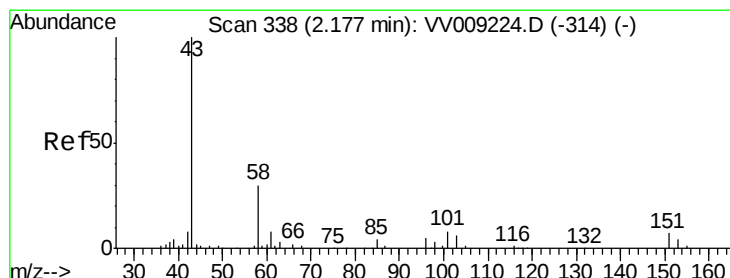
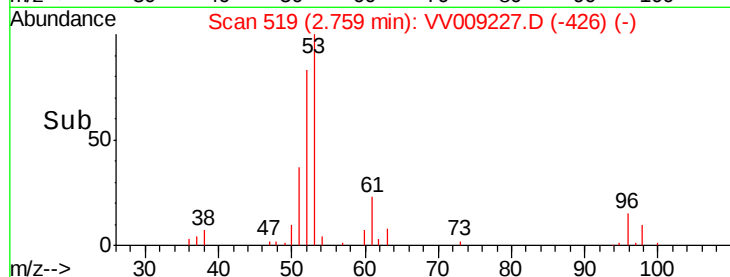
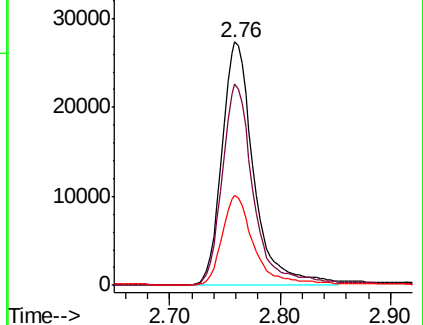
51 37.6 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VV009227.D (-245) (-)

Ion 52.00 (51.70 to 52.70): VV009227.D (-245) (-)

Ion 51.00 (50.70 to 51.70): VV009227.D (-245) (-)



#16

Acetone

Concen: 234.748 ug/l

RT: 2.18 min Scan# 338

Delta R.T. 0.00 min

Lab File: VV009227.D

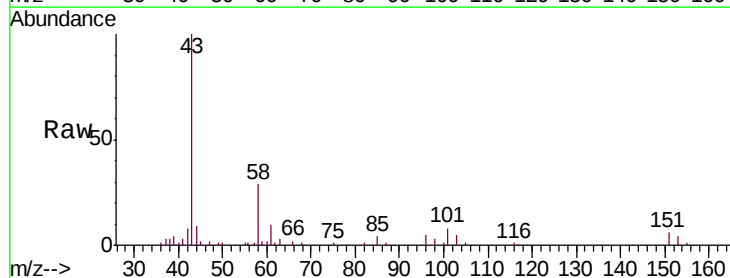
Acq: 18 Jan 2019 18:17

Tgt Ion: 43 Resp: 63758

Ion Ratio Lower Upper

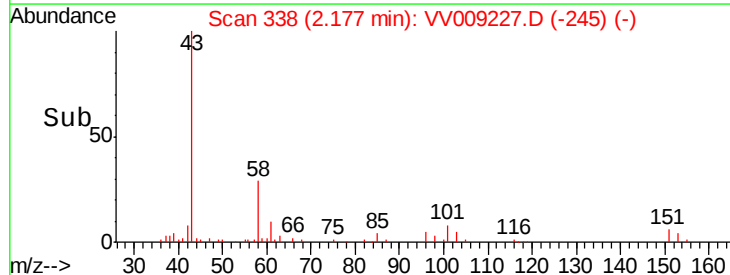
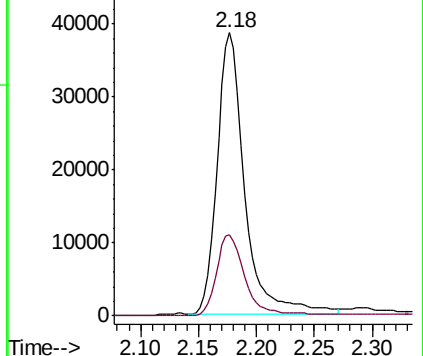
43 100

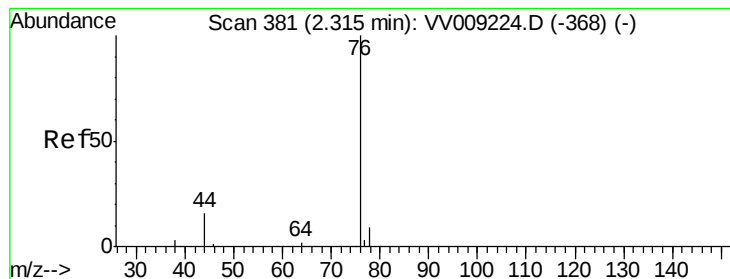
58 28.9 23.9 35.9



Abundance Ion 43.00 (42.70 to 43.70): VV009227.D (-245) (-)

Ion 58.00 (57.70 to 58.70): VV009227.D (-245) (-)





#17

Carbon Disulfide

Concen: 47.756 ug/l

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

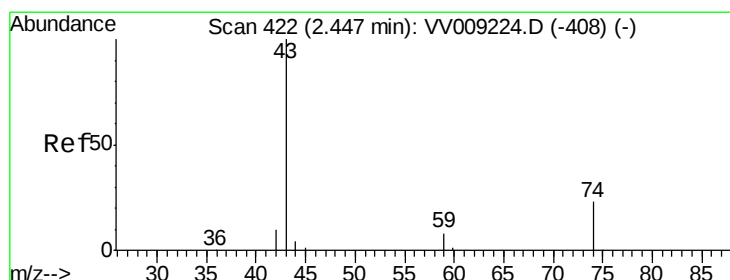
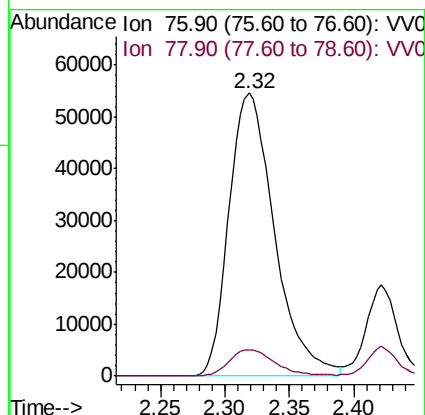
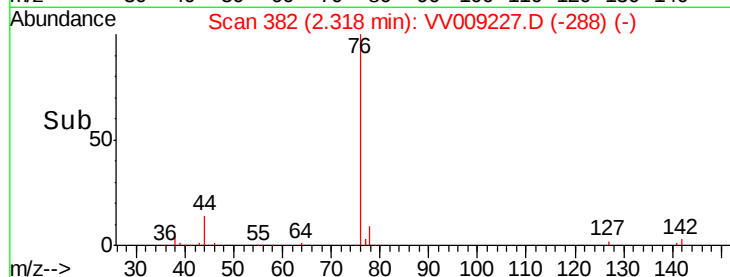
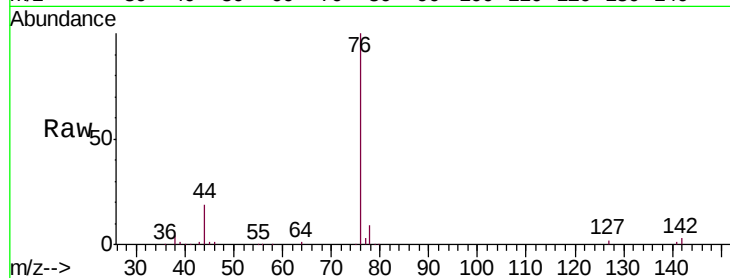
ICVVV011819

Tgt Ion: 76 Resp: 134385

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



#18

Methyl Acetate

Concen: 46.278 ug/l

RT: 2.45 min Scan# 422

Delta R.T. -0.00 min

Lab File: VV009227.D

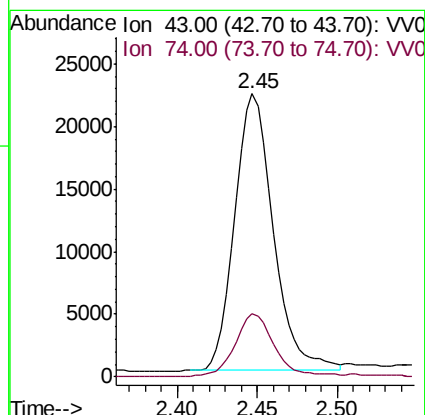
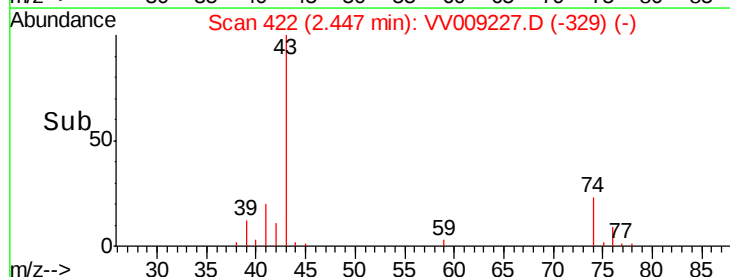
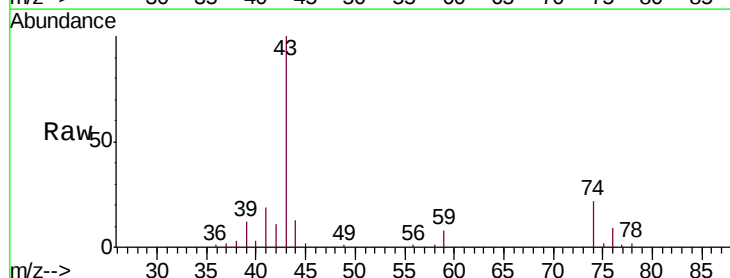
Acq: 18 Jan 2019 18:17

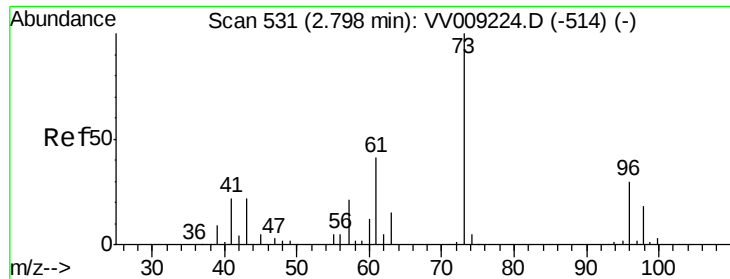
Tgt Ion: 43 Resp: 36388

Ion Ratio Lower Upper

43 100

74 23.4 19.4 29.2

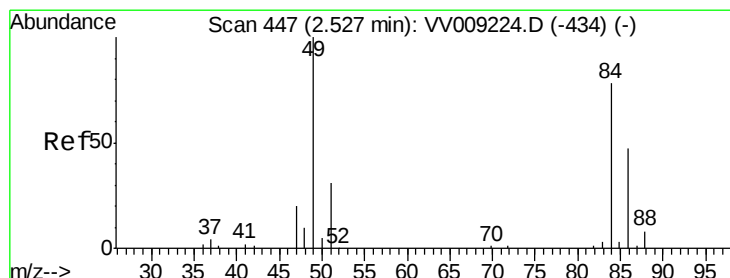
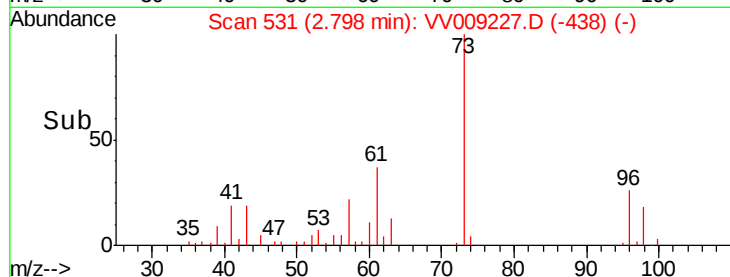
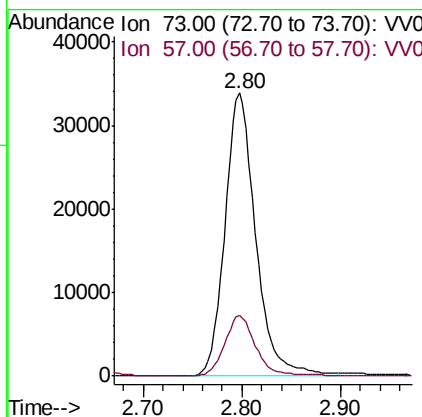
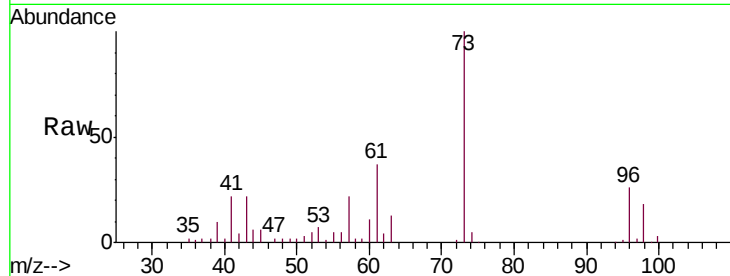




#19
Methyl tert-butyl Ether
Concen: 49.473 ug/l
RT: 2.80 min Scan# 531
Delta R.T. -0.00 min
Lab File: VV009227.D
Acq: 18 Jan 2019 18:17

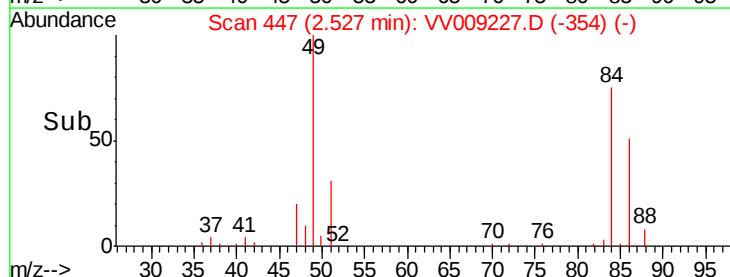
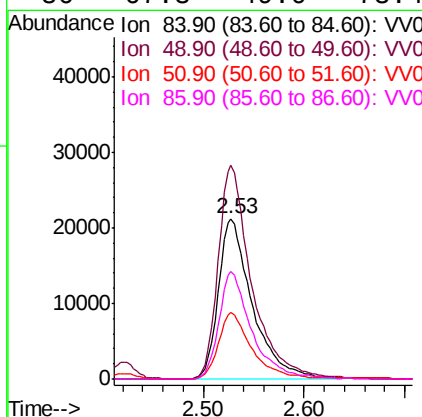
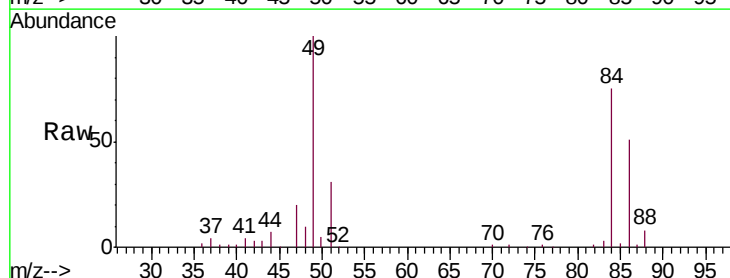
Instrument :
MSVOA_V
ClientSampleId :
ICVV011819

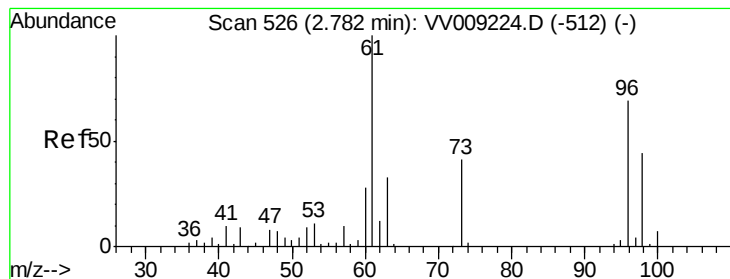
Tgt Ion: 73 Resp: 73987
Ion Ratio Lower Upper
73 100
57 21.5 17.1 25.7



#20
Methylene Chloride
Concen: 48.462 ug/l
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV009227.D
Acq: 18 Jan 2019 18:17

Tgt Ion: 84 Resp: 49901
Ion Ratio Lower Upper
84 100
49 133.0 103.1 154.7
51 41.3 31.7 47.5
86 67.3 49.0 73.4





#21

trans-1,2-Dichloroethene

Concen: 46.298 ug/l

RT: 2.78 min Scan# 526

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

ICVVV011819

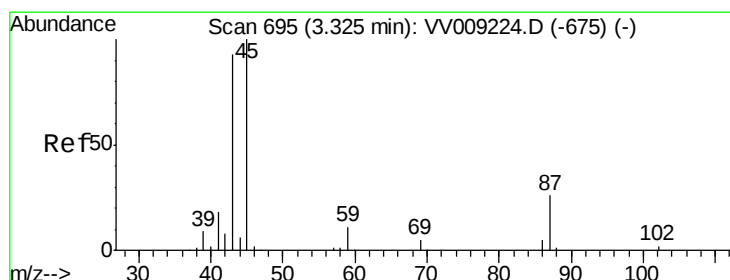
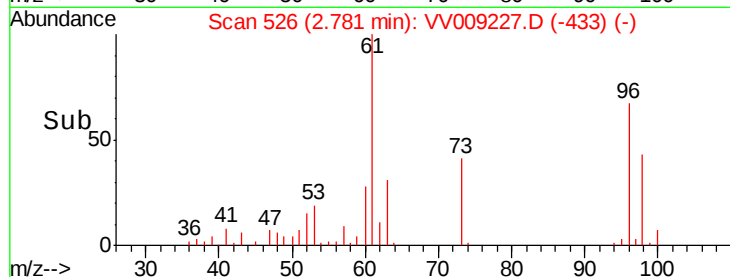
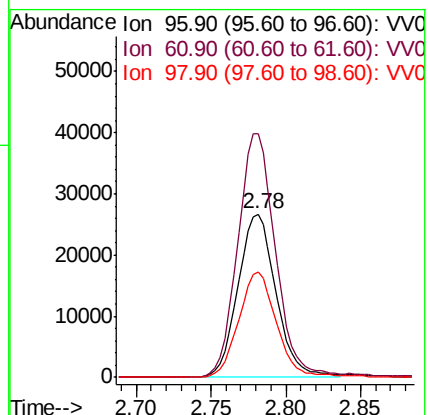
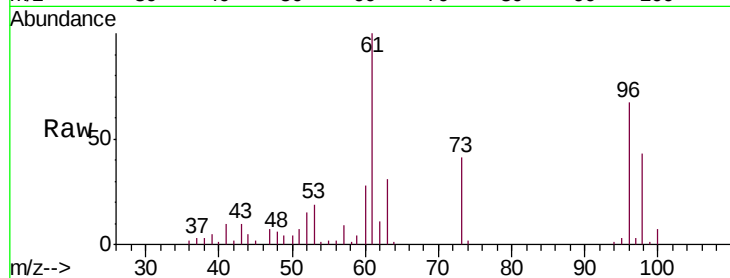
Tgt Ion: 96 Resp: 47343

Ion Ratio Lower Upper

96 100

61 148.9 116.2 174.2

98 64.2 50.8 76.2



#22

Diisopropyl ether

Concen: 49.220 ug/l

RT: 3.32 min Scan# 695

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Tgt Ion: 45 Resp: 184726

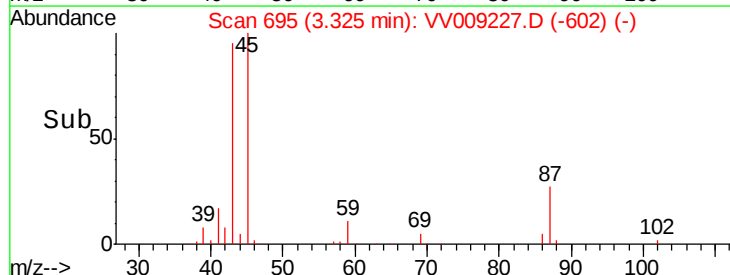
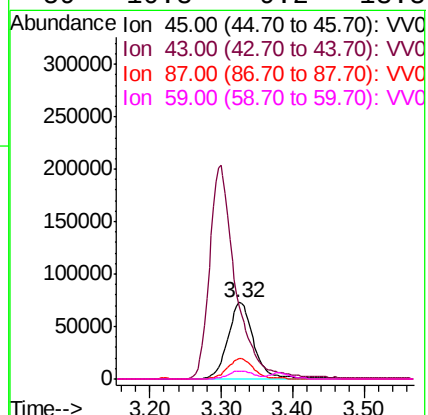
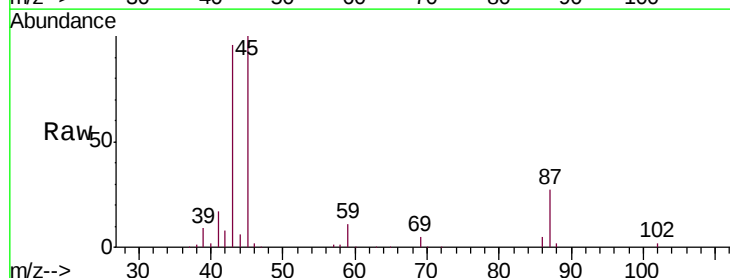
Ion Ratio Lower Upper

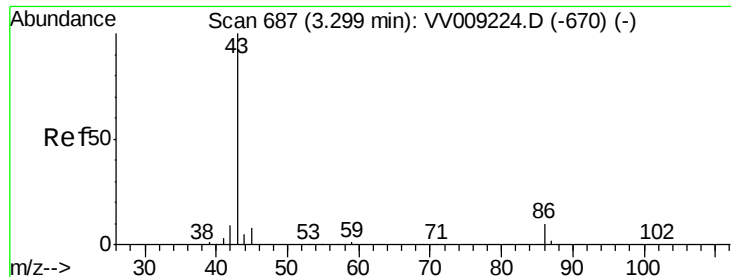
45 100

43 94.4 75.4 113.2

87 26.8 20.6 31.0

59 10.8 9.2 13.8





#23

Vinyl Acetate

Concen: 249.905 ug/l

RT: 3.30 min Scan# 687

Delta R.T. 0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

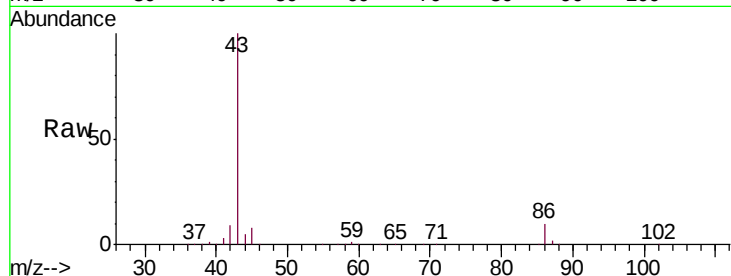
ICVV011819

Tgt Ion: 43 Resp: 516598

Ion Ratio Lower Upper

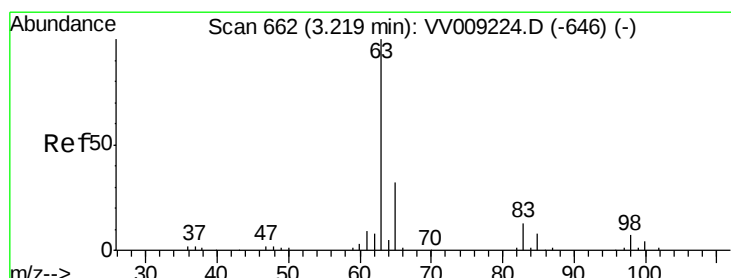
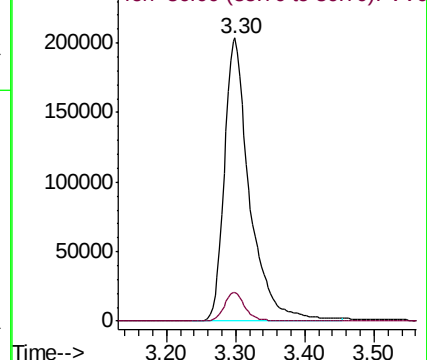
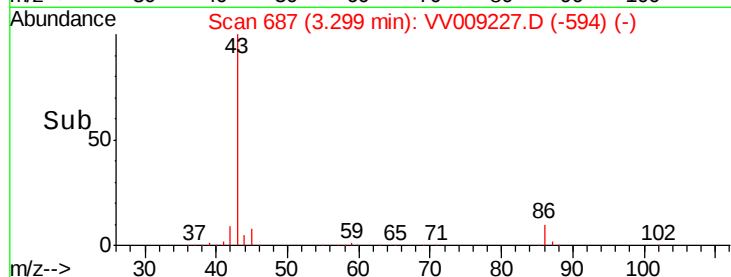
43 100

86 10.1 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VV009227.D (-594) (-)

Ion 86.00 (85.70 to 86.70): VV009227.D (-594) (-)



#24

1,1-Dichloroethane

Concen: 47.698 ug/l

RT: 3.22 min Scan# 662

Delta R.T. 0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

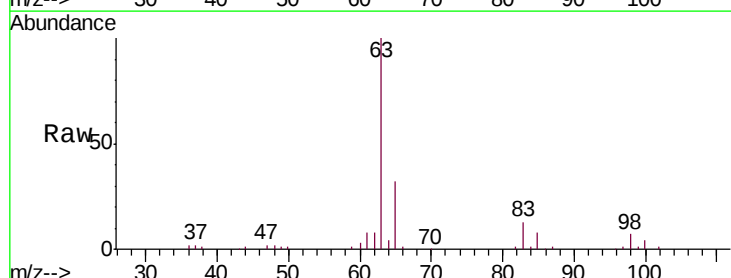
Tgt Ion: 63 Resp: 107652

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

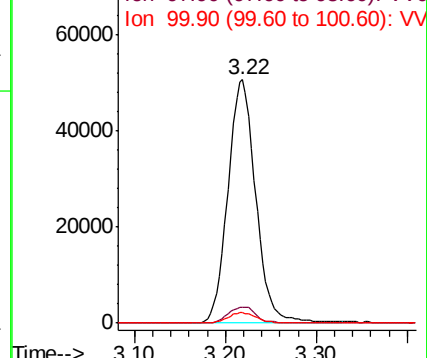
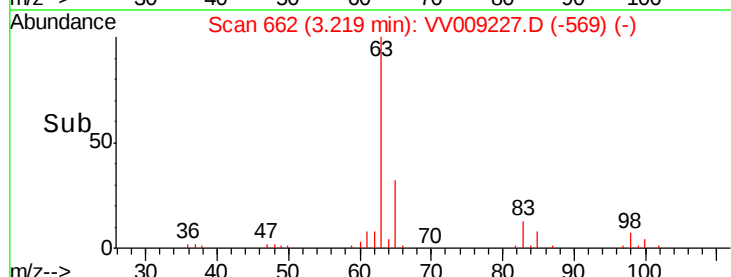
100 4.2 2.1 6.2

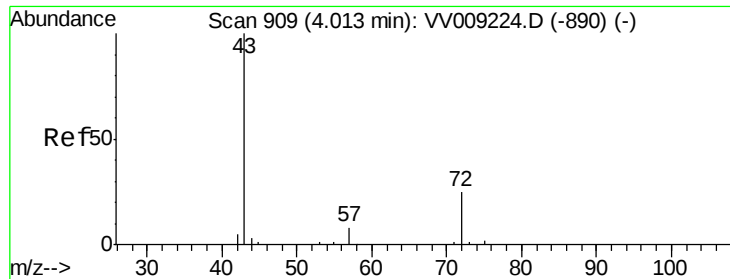


Abundance Ion 62.90 (62.60 to 63.60): VV009227.D (-569) (-)

Ion 97.90 (97.60 to 98.60): VV009227.D (-569) (-)

Ion 99.90 (99.60 to 100.60): VV009227.D (-569) (-)





#25

2-Butanone

Concen: 243.214 ug/l

RT: 4.01 min Scan# 909

Delta R.T. 0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

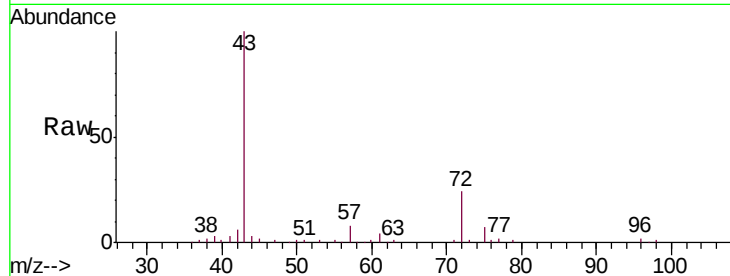
ICVVV011819

Tgt Ion: 43 Resp: 87416

Ion Ratio Lower Upper

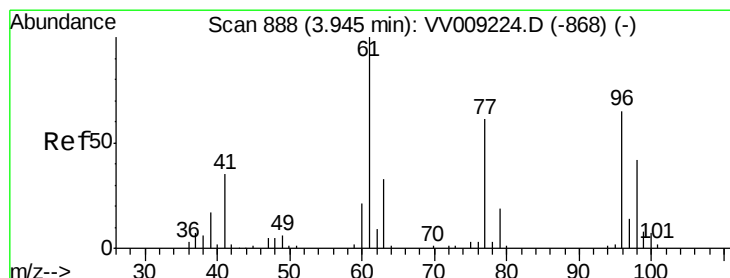
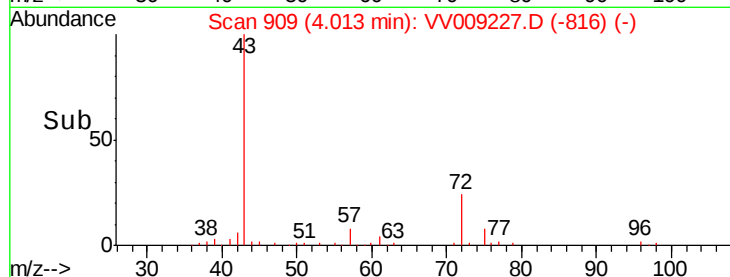
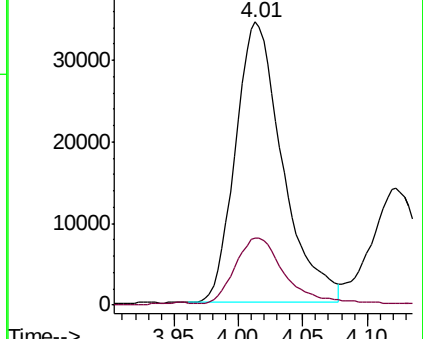
43 100

72 23.3 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VV009227.D (-816) (-)

Ion 72.00 (71.70 to 72.70): VV009227.D (-816) (-)



#26

2,2-Dichloropropane

Concen: 50.048 ug/l

RT: 3.95 min Scan# 888

Delta R.T. -0.00 min

Lab File: VV009227.D

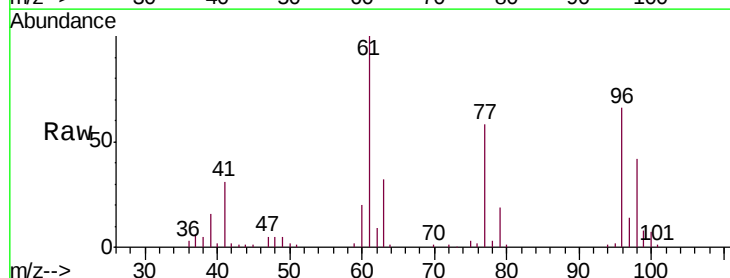
Acq: 18 Jan 2019 18:17

Tgt Ion: 77 Resp: 58858

Ion Ratio Lower Upper

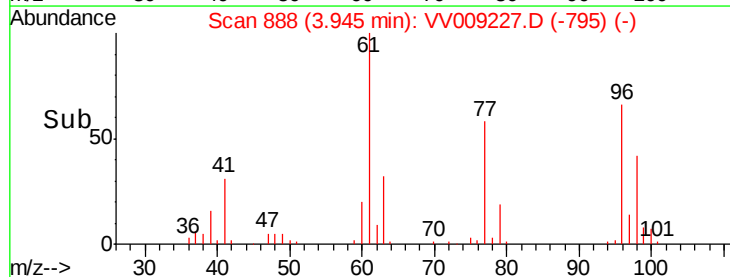
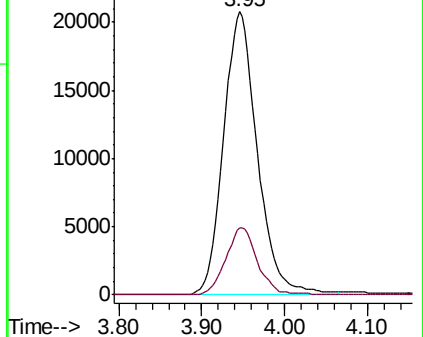
77 100

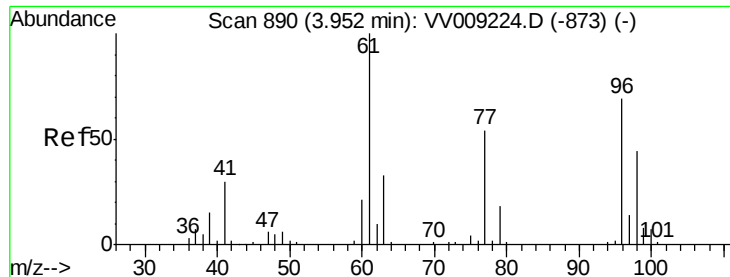
97 22.2 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VV009227.D (-795) (-)

Ion 96.90 (96.60 to 97.60): VV009227.D (-795) (-)



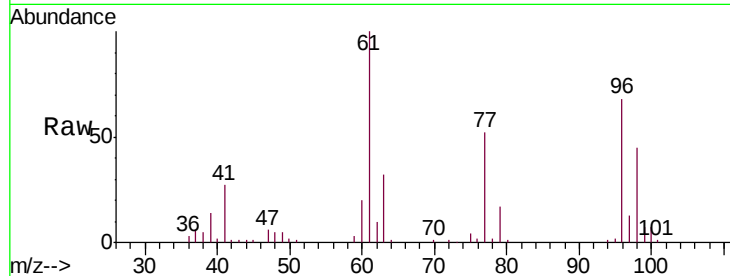


#27

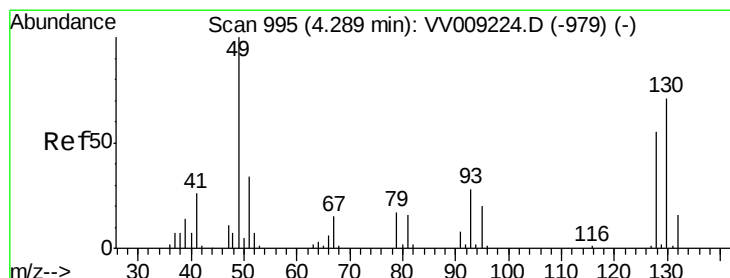
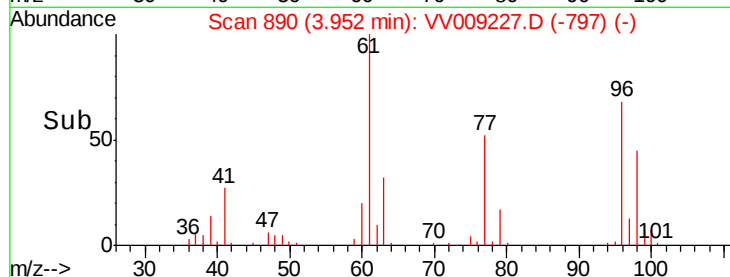
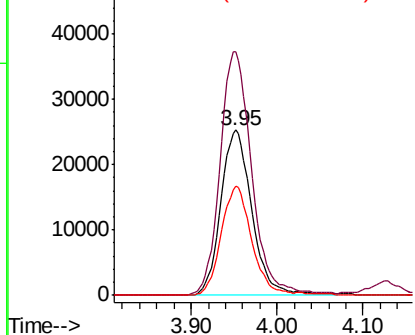
cis-1,2-Dichloroethene
 Concen: 49.101 ug/l
 RT: 3.95 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV011819

Tgt Ion: 96 Resp: 63758
 Ion Ratio Lower Upper
 96 100
 61 149.9 0.0 300.4
 98 64.1 0.0 129.2



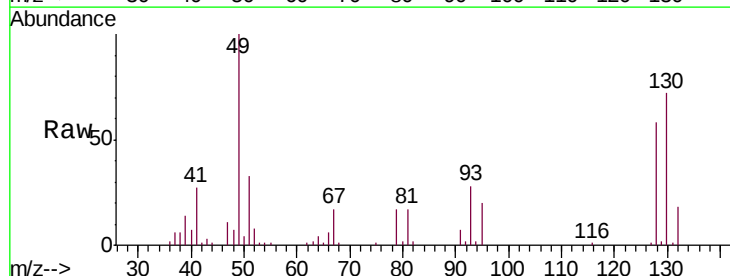
Abundance Ion 95.90 (95.60 to 96.60): VV0
 Ion 60.90 (60.60 to 61.60): VV0
 Ion 97.90 (97.60 to 98.60): VV0



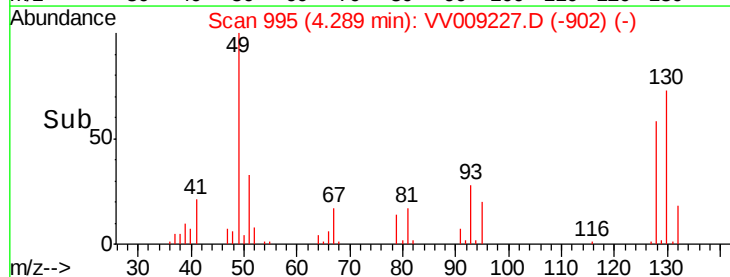
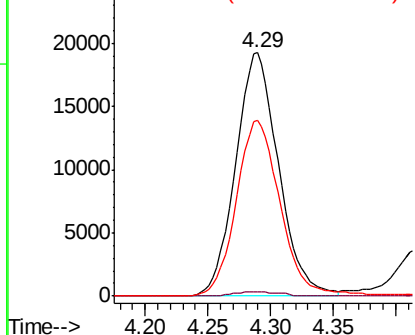
#28

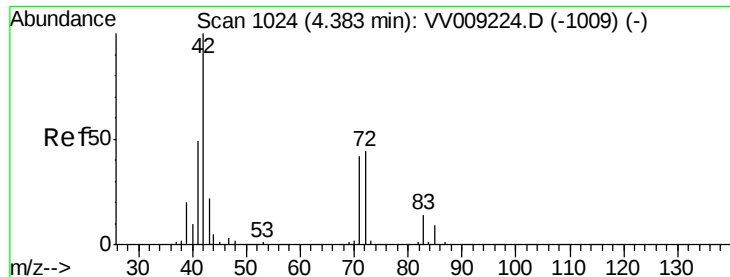
Bromochloromethane
 Concen: 51.909 ug/l
 RT: 4.29 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

Tgt Ion: 49 Resp: 45826
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 74.2 57.8 86.6



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





#29

Tetrahydrofuran

Concen: 260.726 ug/l

RT: 4.39 min Scan# 1025

Delta R.T. 0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

ICVVV011819

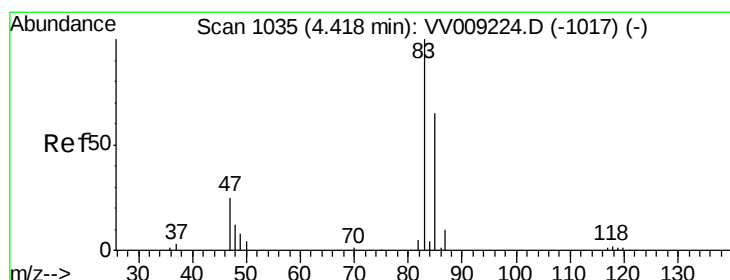
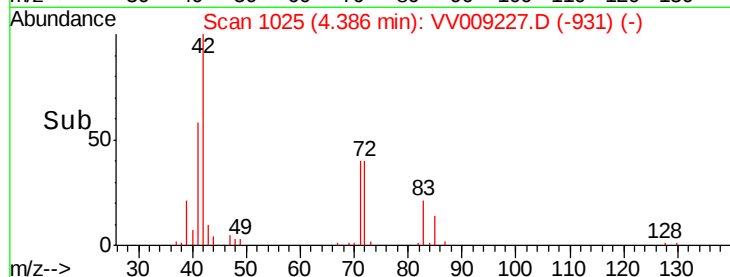
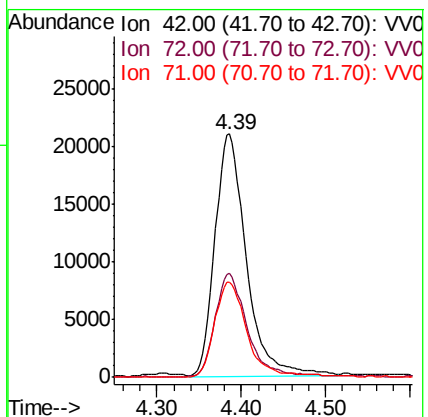
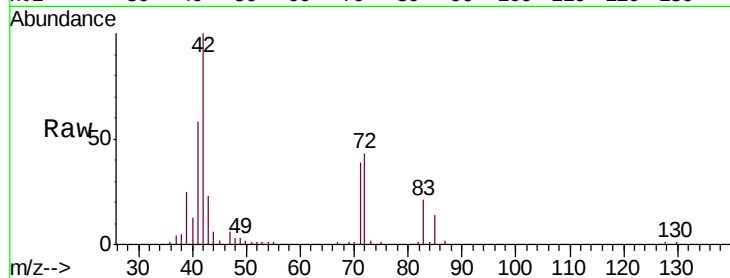
Tgt Ion: 42 Resp: 54576

Ion Ratio Lower Upper

42 100

72 43.7 35.9 53.9

71 39.1 33.6 50.4



#30

Chloroform

Concen: 47.943 ug/l

RT: 4.42 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VV009227.D

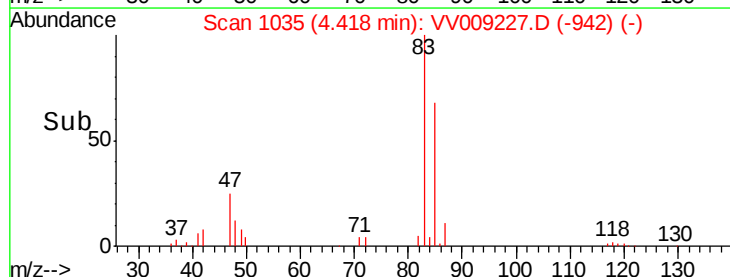
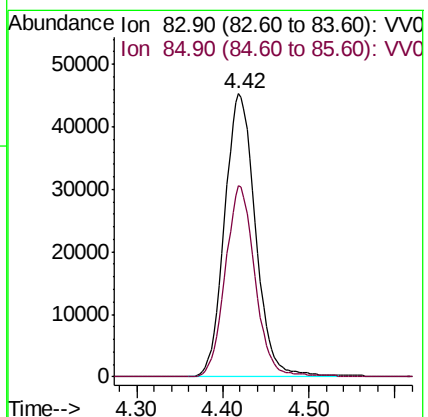
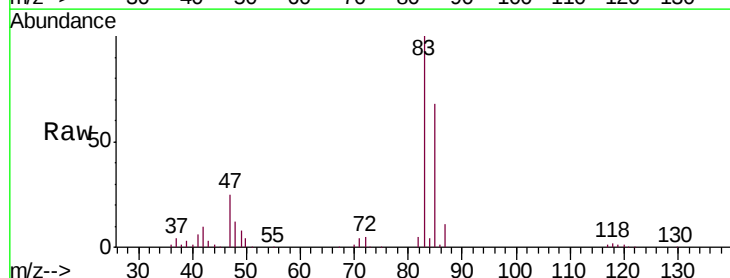
Acq: 18 Jan 2019 18:17

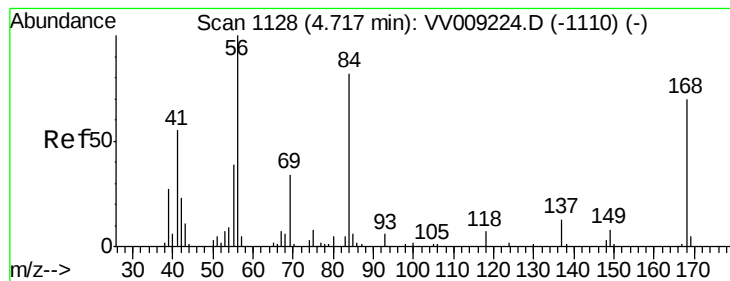
Tgt Ion: 83 Resp: 113105

Ion Ratio Lower Upper

83 100

85 67.6 51.8 77.6





#31

Cyclohexane

Concen: 45.680 ug/l

RT: 4.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

ICVV011819

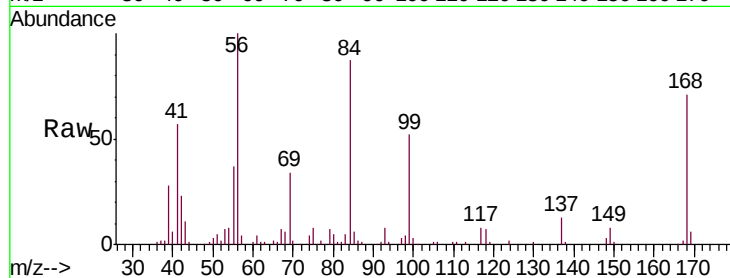
Tgt Ion: 56 Resp: 91137

Ion Ratio Lower Upper

56 100

69 33.7 27.0 40.4

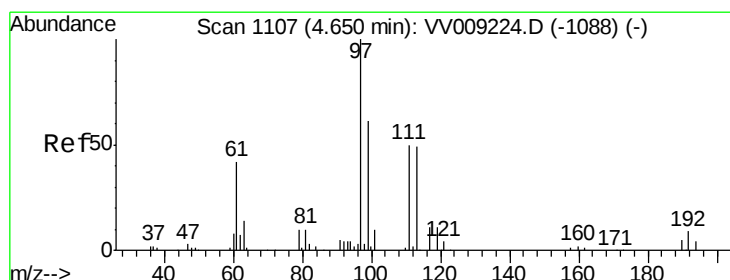
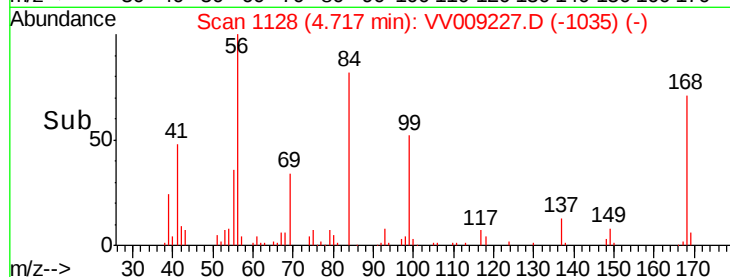
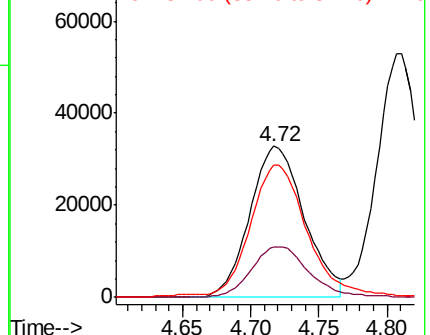
84 85.3 65.4 98.2



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: 48.358 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

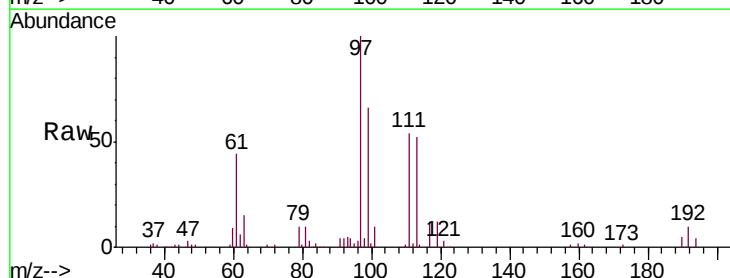
Tgt Ion: 97 Resp: 90147

Ion Ratio Lower Upper

97 100

99 62.6 48.9 73.3

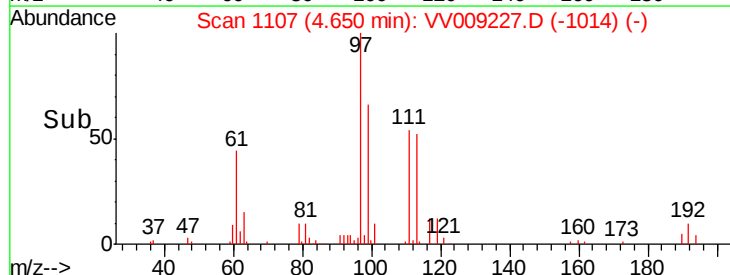
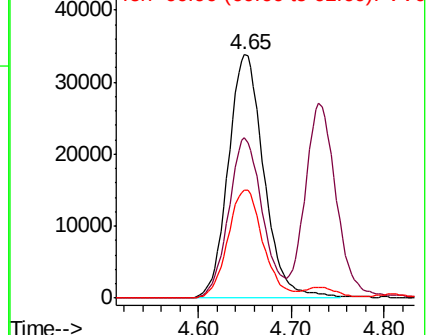
61 43.9 34.7 52.1

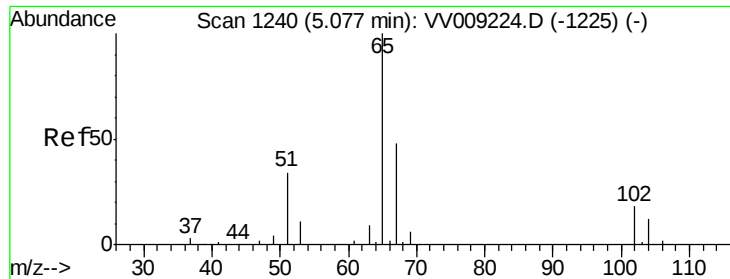


Abundance Ion 96.90 (96.60 to 97.60): VV0

Ion 98.90 (98.60 to 99.60): VV0

Ion 60.90 (60.60 to 61.60): VV0

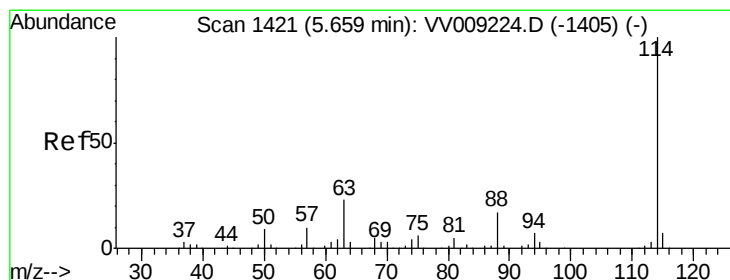
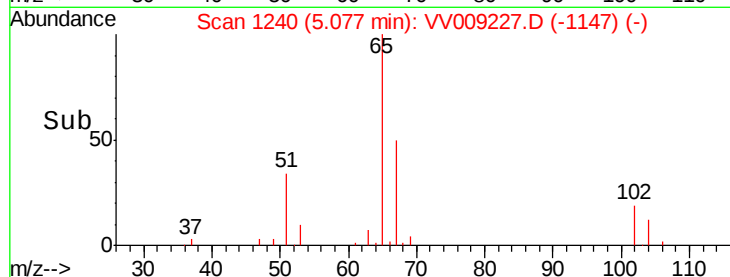
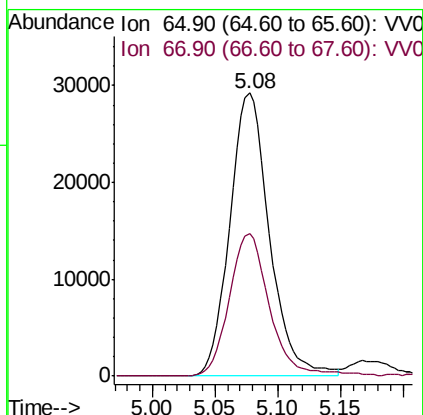
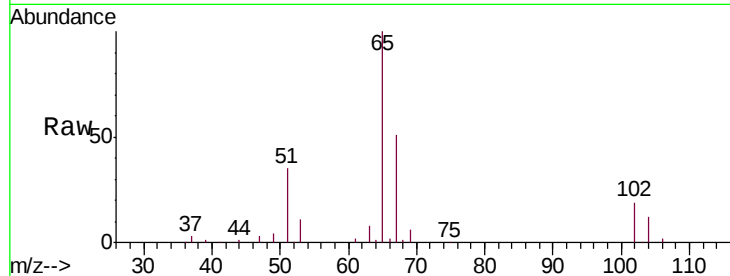




#33
 1,2-Dichloroethane-d4
 Concen: 49.684 ug/l
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

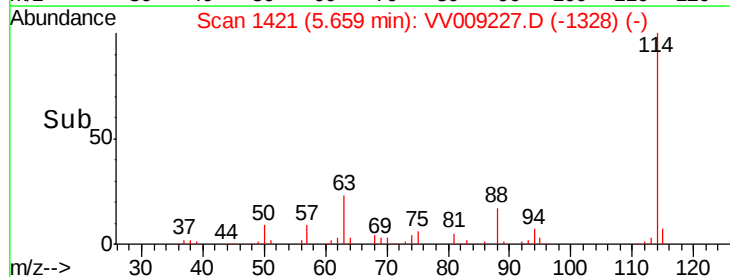
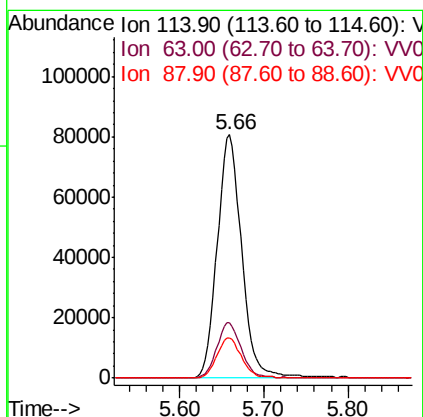
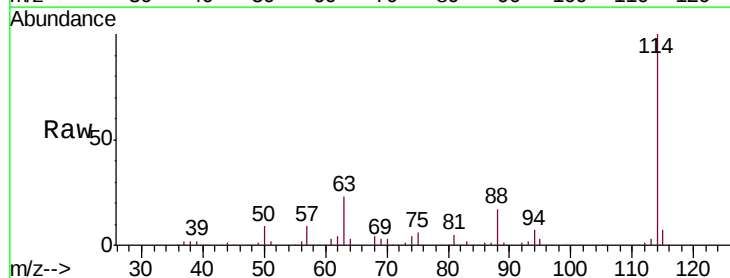
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV011819

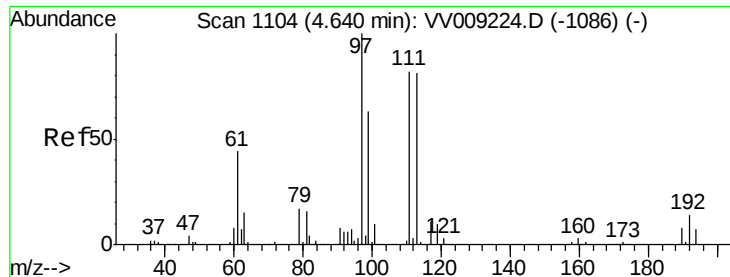
Tgt Ion: 65 Resp: 64216
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

Tgt Ion: 114 Resp: 163445
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.2
 88 16.7 0.0 33.8

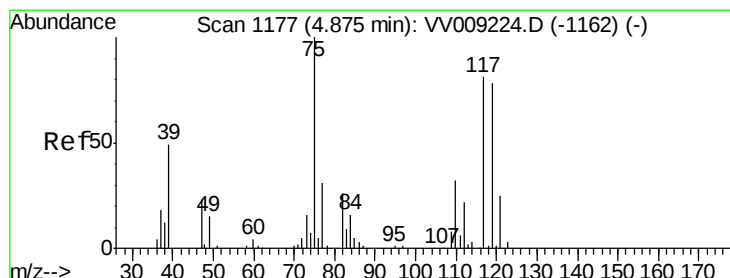
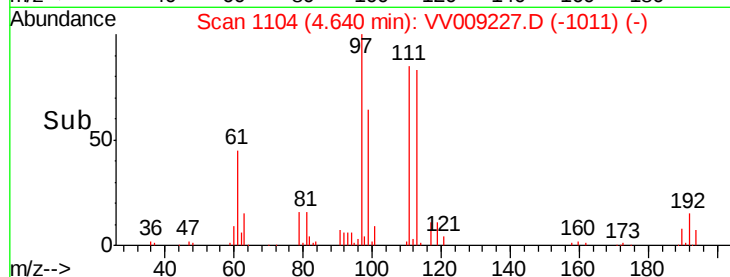
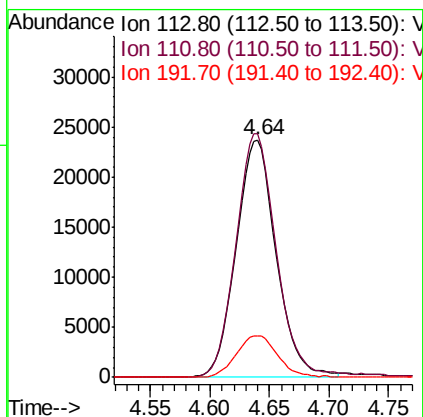
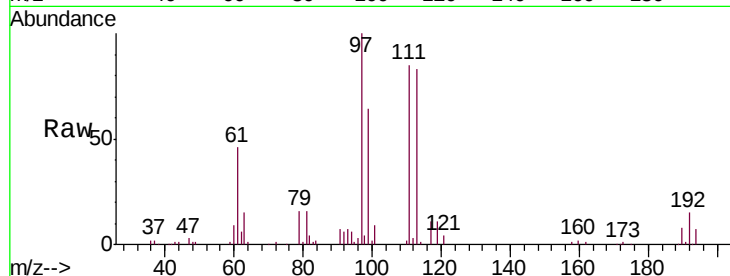




#35
 Dibromofluoromethane
 Concen: 50.190 ug/l
 RT: 4.64 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

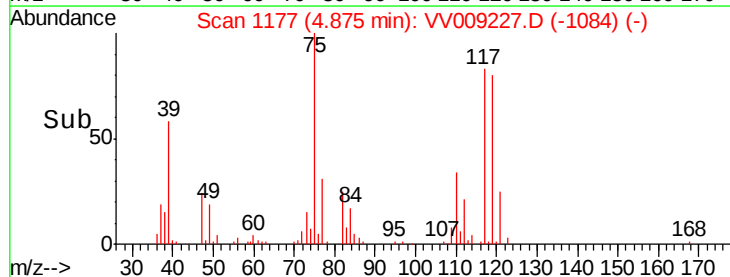
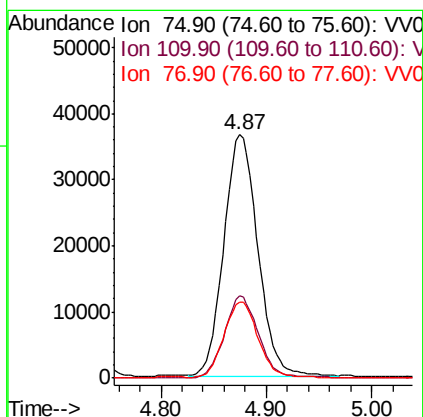
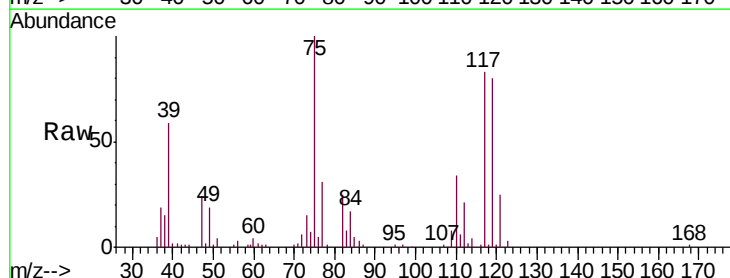
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV011819

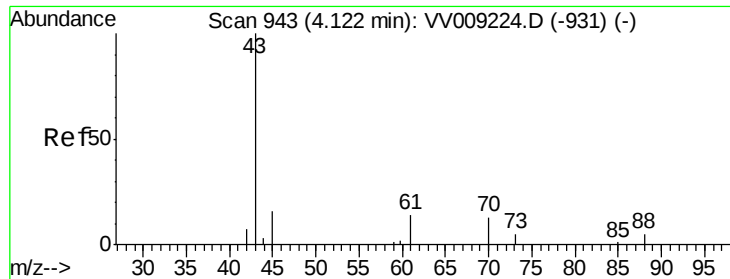
Tgt Ion:113 Resp: 55370
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.2 123.4
 192 18.2 14.1 21.1



#36
 1,1-Dichloropropene
 Concen: 46.805 ug/l
 RT: 4.87 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

Tgt Ion: 75 Resp: 81332
 Ion Ratio Lower Upper
 75 100
 110 34.2 17.3 51.7
 77 32.3 24.4 36.6

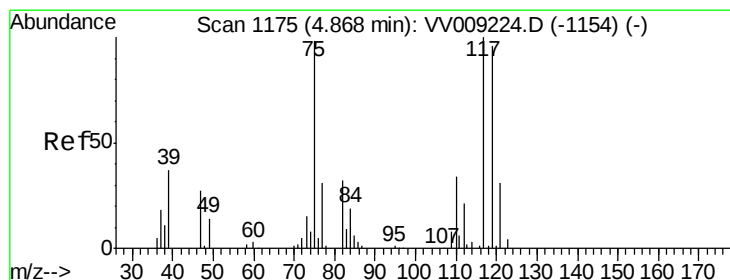
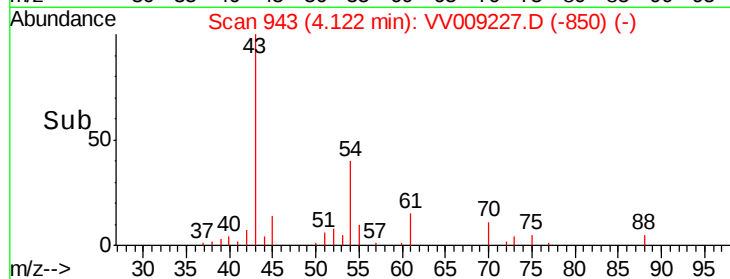
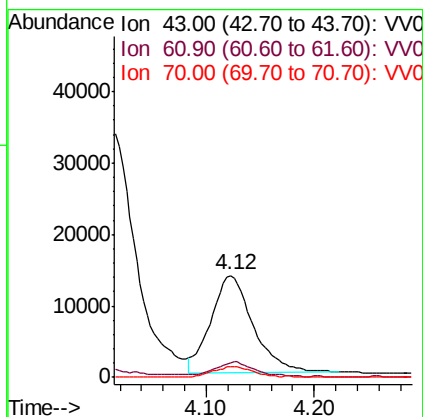
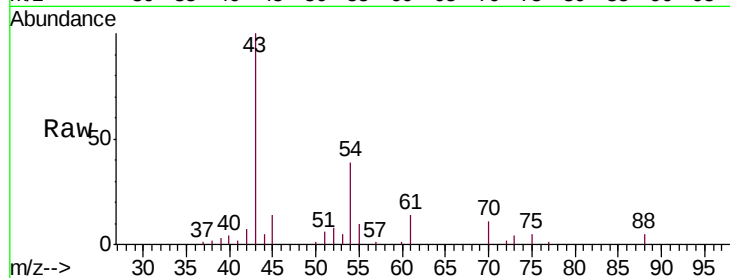




#37
Ethyl Acetate
Concen: 51.056 ug/l
RT: 4.12 min Scan# 943
Delta R.T. -0.00 min
Lab File: VV009227.D
Acq: 18 Jan 2019 18:17

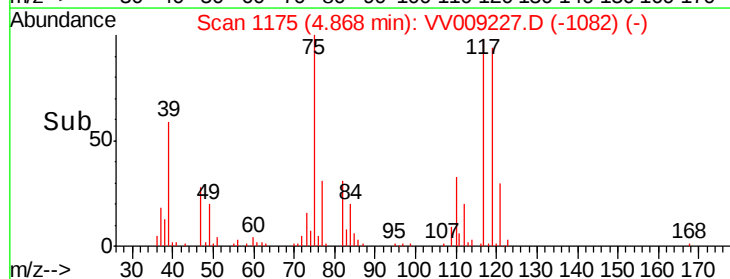
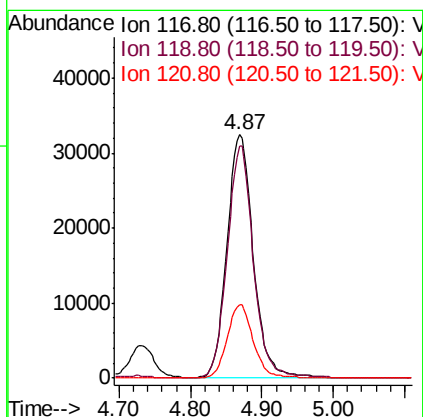
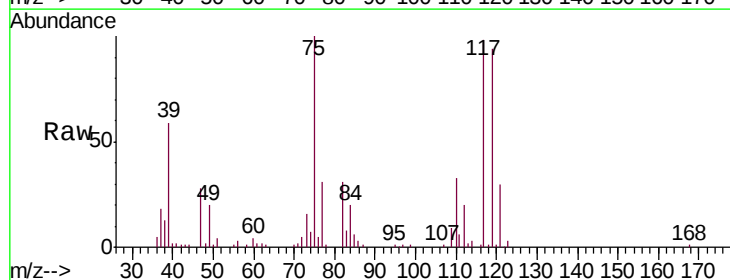
Instrument :
MSVOA_V
ClientSampleId :
ICVV011819

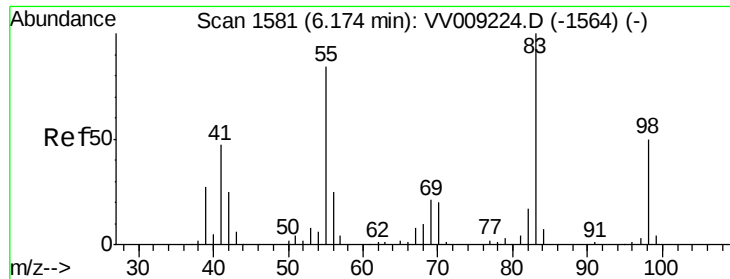
Tgt Ion: 43 Resp: 37534
Ion Ratio Lower Upper
43 100
61 13.2 9.8 14.6
70 10.2 8.2 12.4



#38
Carbon Tetrachloride
Concen: 48.643 ug/l
RT: 4.87 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VV009227.D
Acq: 18 Jan 2019 18:17

Tgt Ion: 117 Resp: 83829
Ion Ratio Lower Upper
117 100
119 95.2 77.0 115.6
121 30.2 24.7 37.1

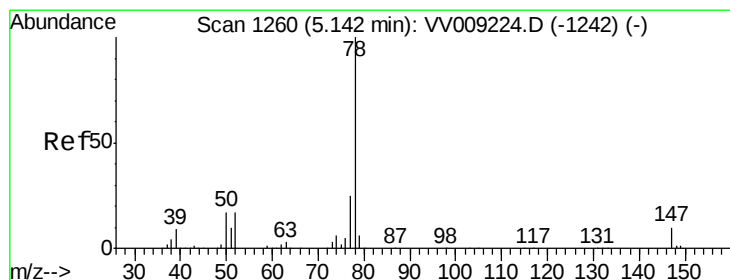
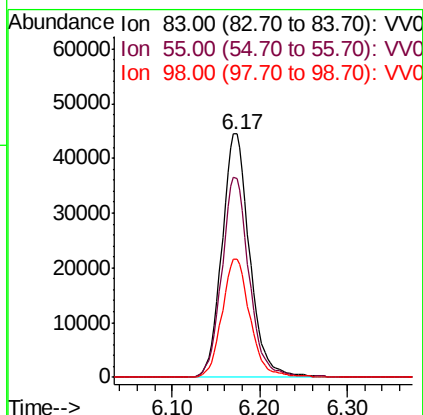
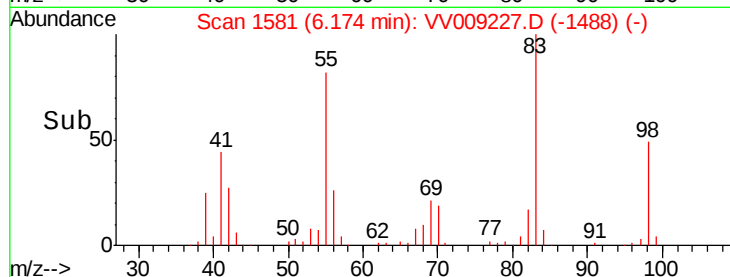
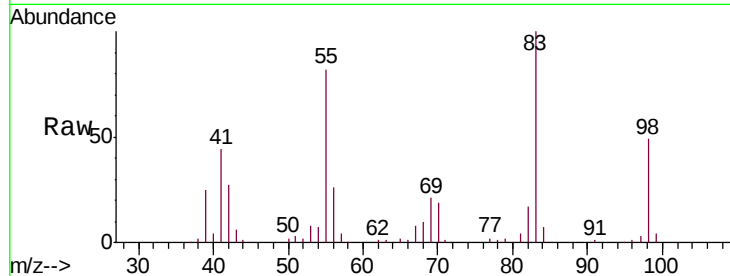




#39
Methylcyclohexane
Concen: 49.059 ug/l
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV009227.D
Acq: 18 Jan 2019 18:17

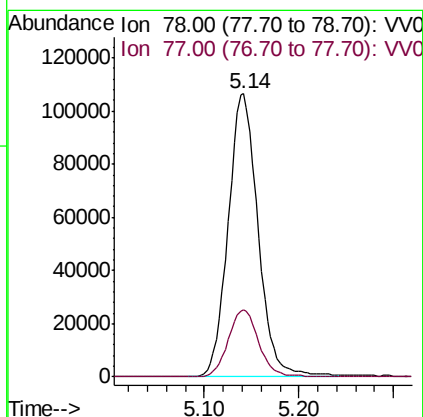
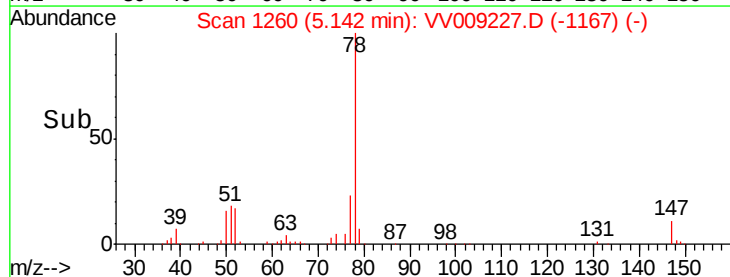
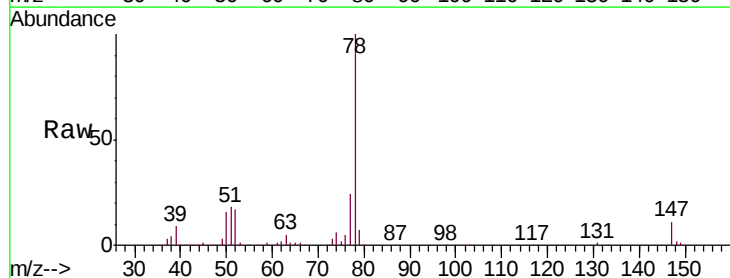
Instrument :
MSVOA_V
ClientSampleId :
ICVVV011819

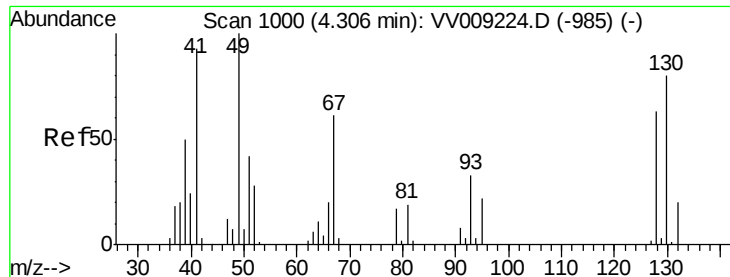
Tgt Ion: 83 Resp: 97696
Ion Ratio Lower Upper
83 100
55 81.6 67.0 100.6
98 48.6 40.2 60.2



#40
Benzene
Concen: 47.583 ug/l
RT: 5.14 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VV009227.D
Acq: 18 Jan 2019 18:17

Tgt Ion: 78 Resp: 234530
Ion Ratio Lower Upper
78 100
77 23.7 19.8 29.6

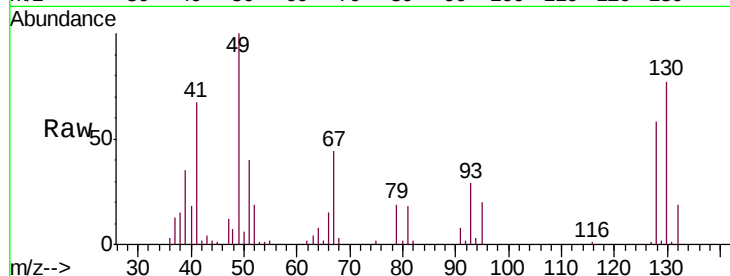




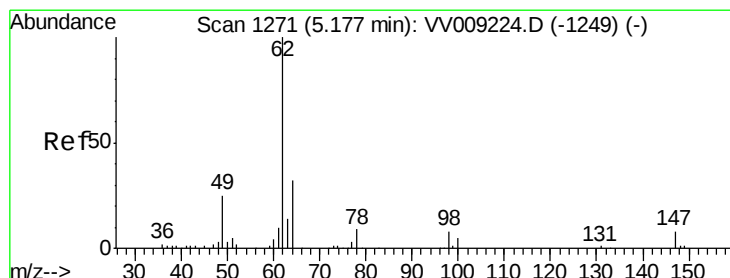
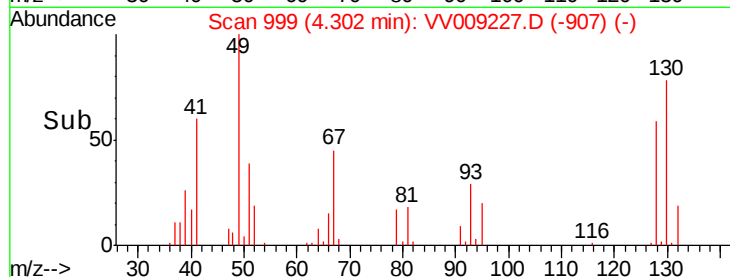
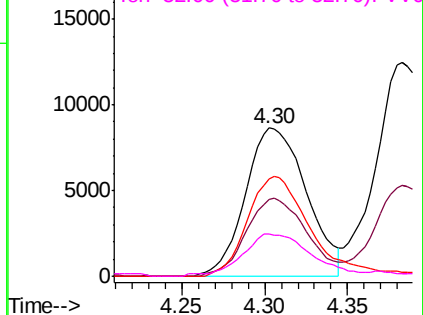
#41
Methacrylonitrile
Concen: 51.752 ug/l
RT: 4.30 min Scan# 999
Delta R.T. -0.00 min
Lab File: VV009227.D
Acq: 18 Jan 2019 18:17

Instrument :
MSVOA_V
ClientSampleId :
ICVVV011819

Tgt Ion:	41	Resp:	22191
Ion	Ratio	Lower	Upper
41	100		
39	52.6	44.8	67.2
67	69.7	57.5	86.3
52	31.6	26.9	40.3

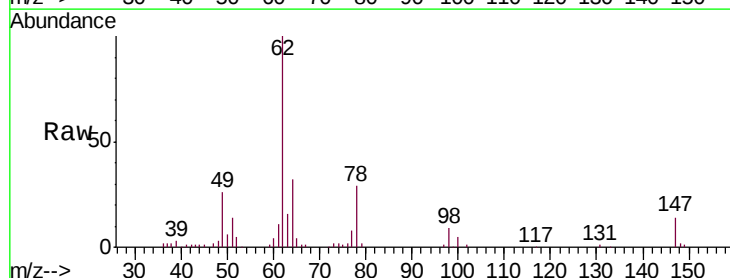


Abundance Ion 41.00 (40.70 to 41.70): VV0
Ion 39.00 (38.70 to 39.70): VV0
Ion 67.00 (66.70 to 67.70): VV0
Ion 52.00 (51.70 to 52.70): VV0

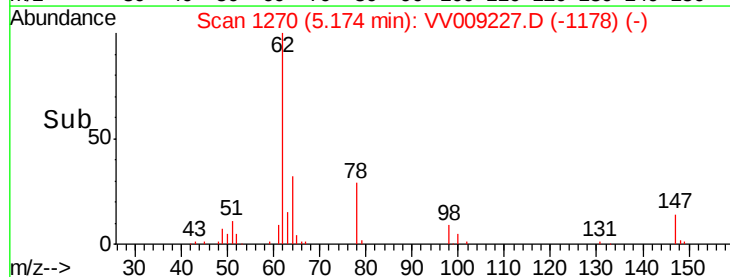
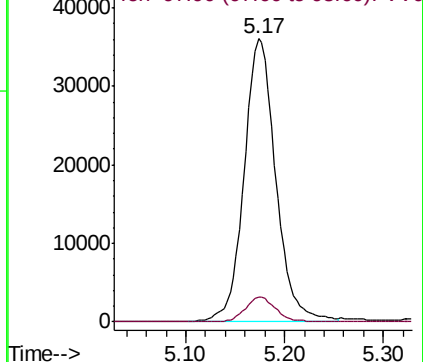


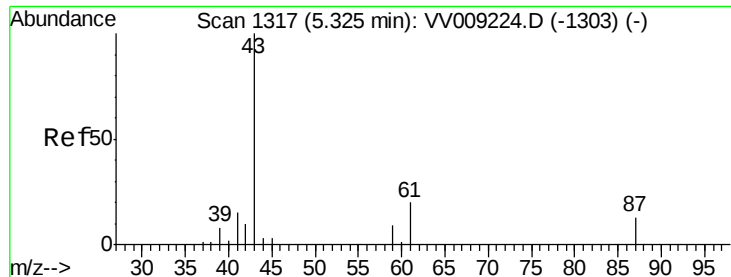
#42
1,2-Dichloroethane
Concen: 48.149 ug/l
RT: 5.17 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VV009227.D
Acq: 18 Jan 2019 18:17

Tgt Ion:	62	Resp:	80229
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.4



Abundance Ion 61.90 (61.60 to 62.60): VV0
Ion 97.90 (97.60 to 98.60): VV0





#43

Isopropyl Acetate

Concen: 51.927 ug/l

RT: 5.32 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

ICVV011819

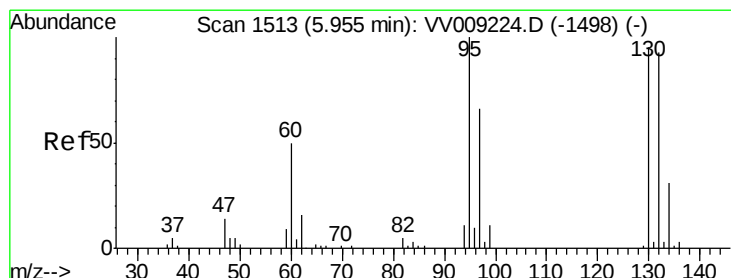
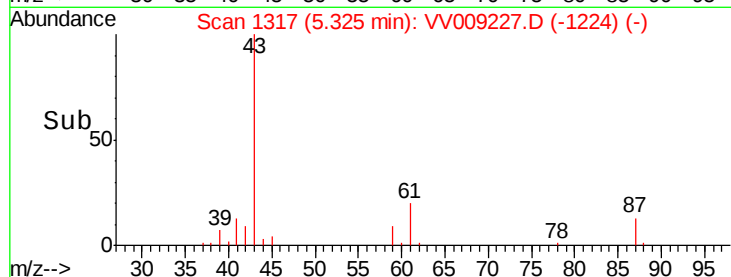
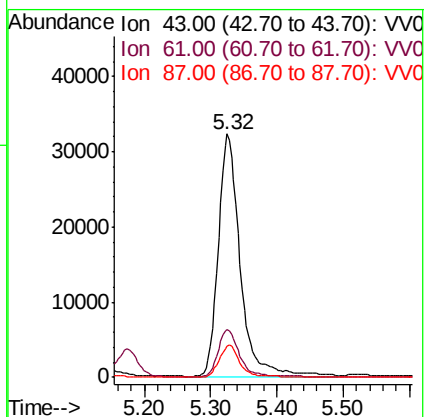
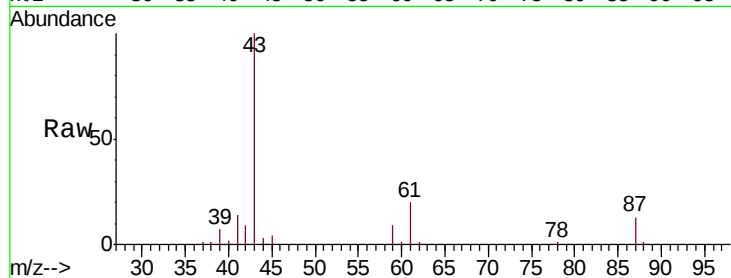
Tgt Ion: 43 Resp: 75674

Ion Ratio Lower Upper

43 100

61 19.0 15.1 22.7

87 12.2 10.0 15.0



#44

Trichloroethene

Concen: 47.680 ug/l

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV009227.D

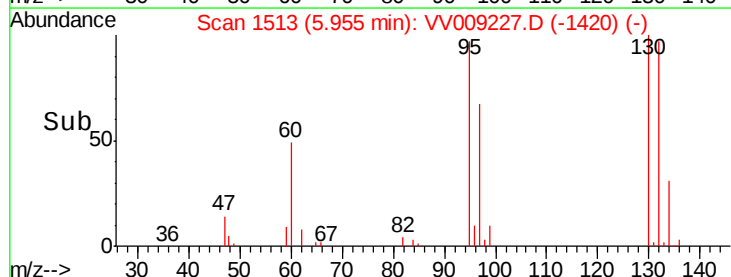
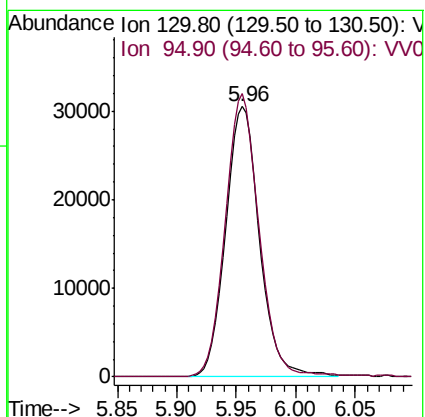
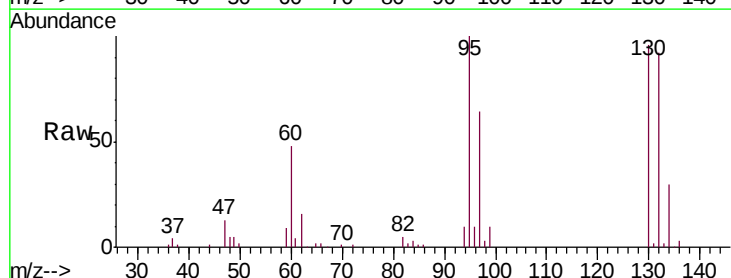
Acq: 18 Jan 2019 18:17

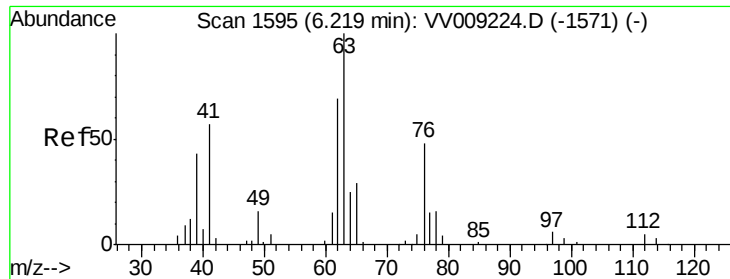
Tgt Ion: 130 Resp: 60255

Ion Ratio Lower Upper

130 100

95 104.7 0.0 209.4





#45

1,2-Dichloropropane

Concen: 48.133 ug/l

RT: 6.22 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

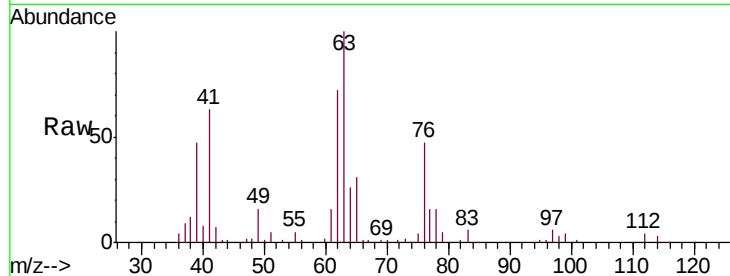
ICVV011819

Tgt Ion: 63 Resp: 58297

Ion Ratio Lower Upper

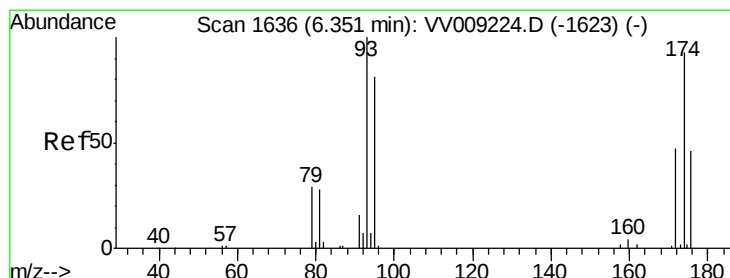
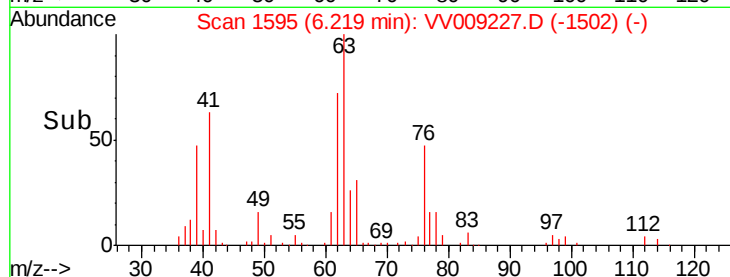
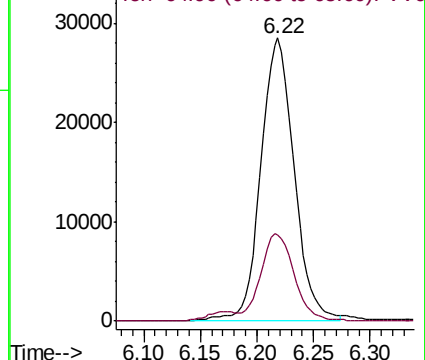
63 100

65 30.1 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VV0

Ion 64.90 (64.60 to 65.60): VV0



#46

Dibromomethane

Concen: 49.300 ug/l

RT: 6.35 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

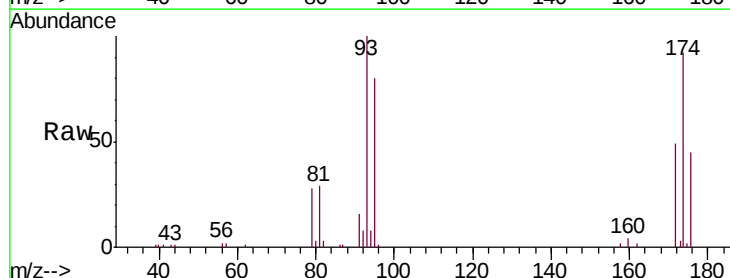
Tgt Ion: 93 Resp: 32452

Ion Ratio Lower Upper

93 100

95 81.9 66.2 99.4

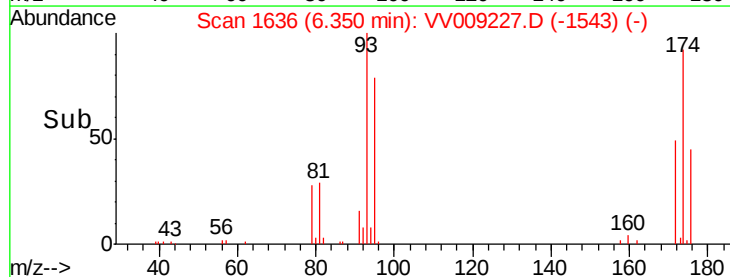
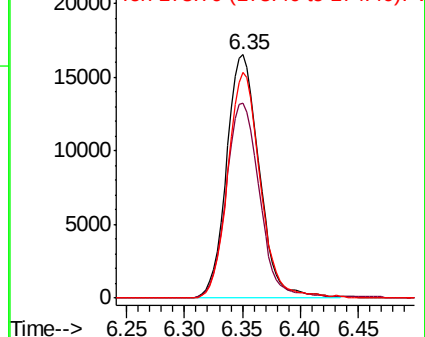
174 91.6 73.0 109.6

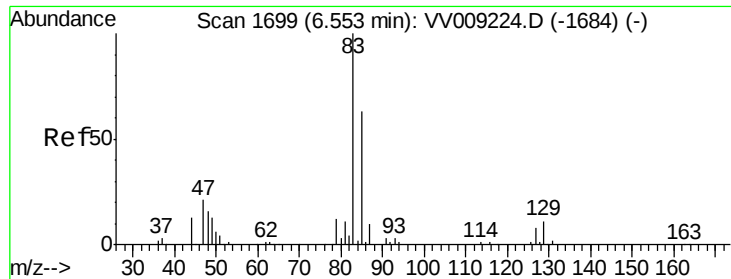


Abundance Ion 92.80 (92.50 to 93.50): VV0

Ion 94.80 (94.50 to 95.50): VV0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.555 ug/l

RT: 6.55 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

ICVV011819

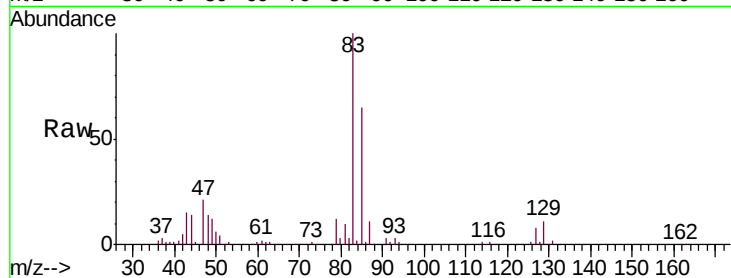
Tgt Ion: 83 Resp: 83847

Ion Ratio Lower Upper

83 100

85 64.7 50.6 75.8

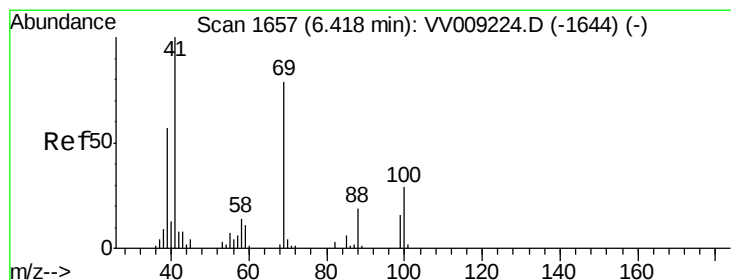
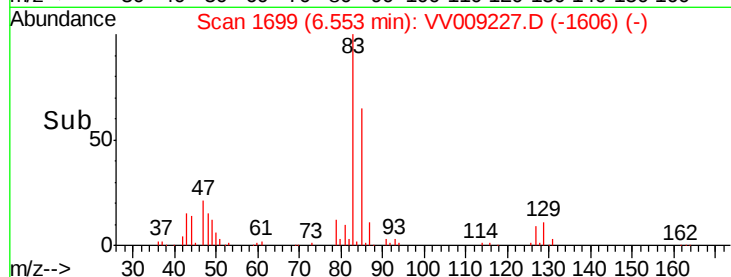
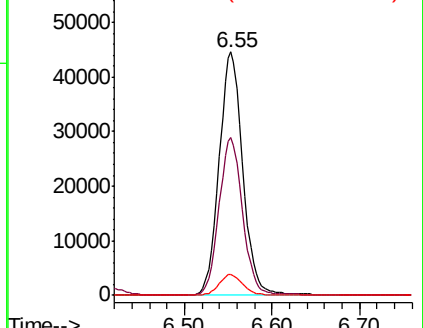
127 8.5 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VV009227.D (-1684) (-)

Ion 84.90 (84.60 to 85.60): VV009227.D (-1684) (-)

Ion 126.80 (126.50 to 127.50): VV009227.D (-1684) (-)



#48

Methyl methacrylate

Concen: 50.507 ug/l

RT: 6.42 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

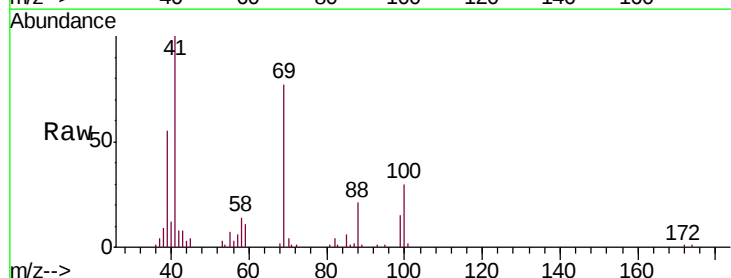
Tgt Ion: 41 Resp: 37590

Ion Ratio Lower Upper

41 100

69 78.8 62.2 93.4

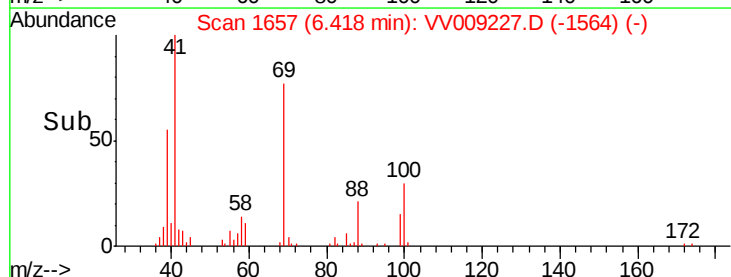
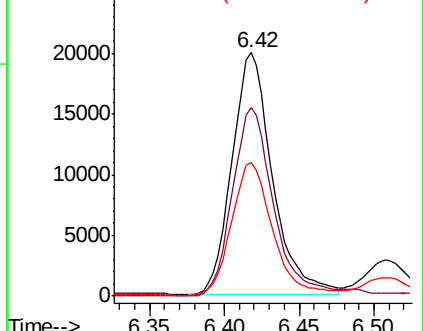
39 56.1 44.7 67.1

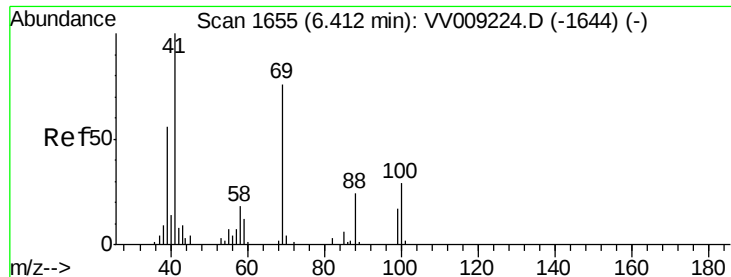


Abundance Ion 41.00 (40.70 to 41.70): VV009227.D (-1644) (-)

Ion 69.00 (68.70 to 69.70): VV009227.D (-1644) (-)

Ion 39.00 (38.70 to 39.70): VV009227.D (-1644) (-)





#49

1,4-Dioxane

Concen: 1176.928 ug/l

RT: 6.41 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

ICVVV011819

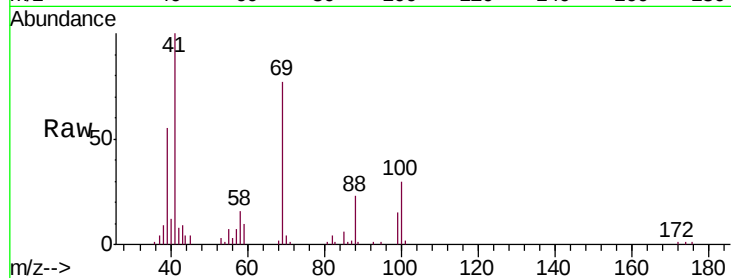
Tgt Ion: 88 Resp: 10140

Ion Ratio Lower Upper

88 100

43 37.8 31.3 46.9

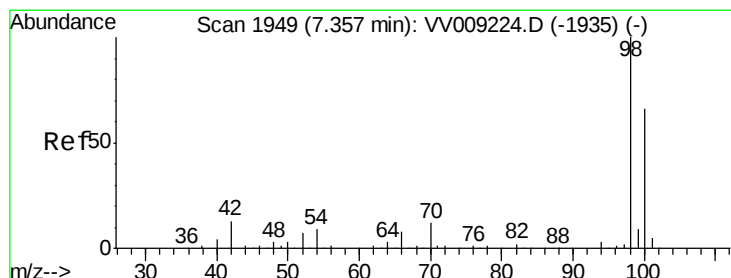
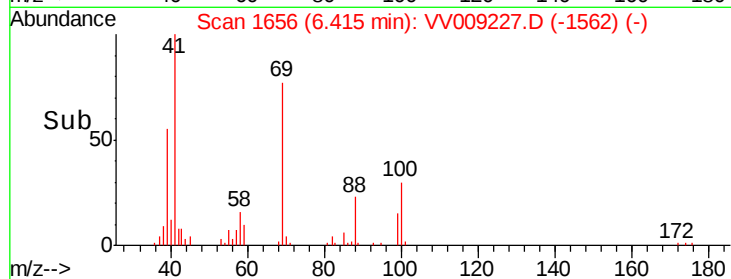
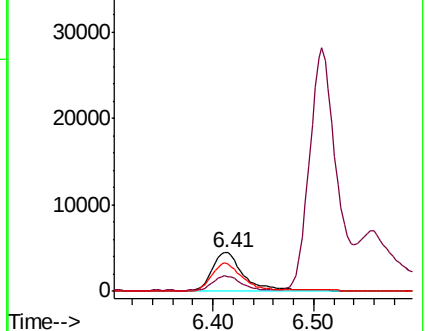
58 67.9 59.6 89.4



Abundance Ion 88.00 (87.70 to 88.70): VV009227.D (-1656) (-)

Ion 43.00 (42.70 to 43.70): VV009227.D (-1656) (-)

Ion 58.00 (57.70 to 58.70): VV009227.D (-1656) (-)



#50

Toluene-d8

Concen: 50.363 ug/l

RT: 7.36 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VV009227.D

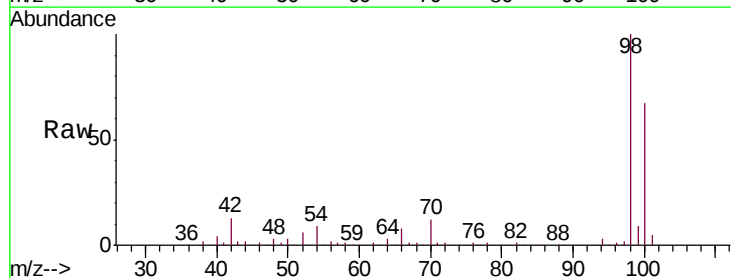
Acq: 18 Jan 2019 18:17

Tgt Ion: 98 Resp: 212044

Ion Ratio Lower Upper

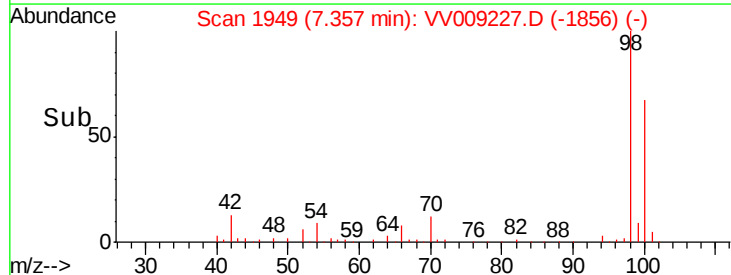
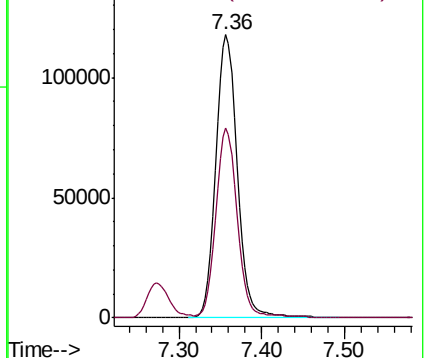
98 100

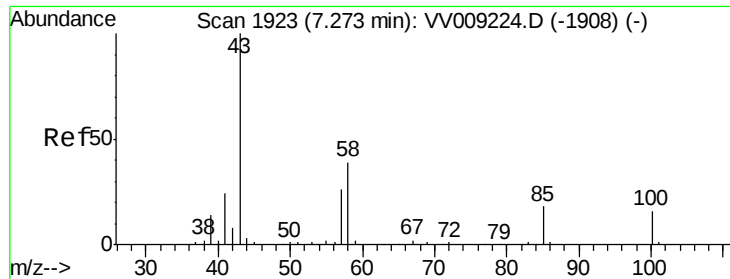
100 65.2 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VV009227.D (-1949) (-)

Ion 100.00 (99.70 to 100.70): VV009227.D (-1949) (-)





#51

4-Methyl-2-Pentanone

Concen: 263.747 ug/l

RT: 7.27 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

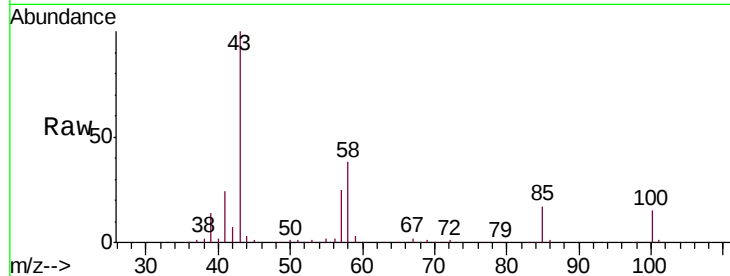
ICVVV011819

Tgt Ion: 43 Resp: 193430

Ion Ratio Lower Upper

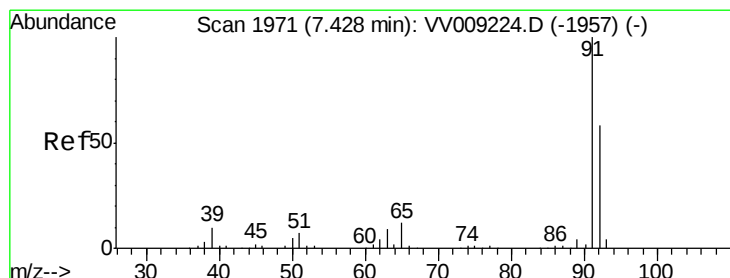
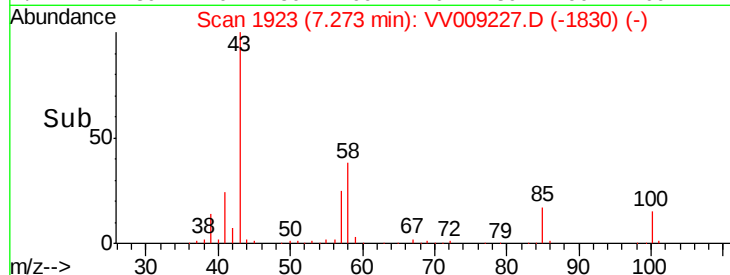
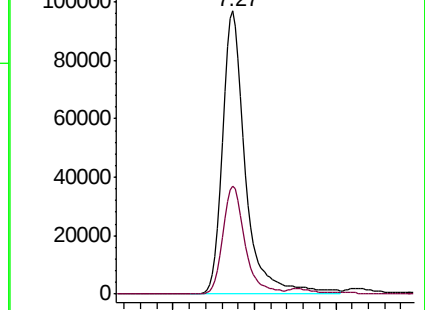
43 100

58 36.9 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VV009227.D (-1830) (-)

Ion 58.00 (57.70 to 58.70): VV009227.D (-1830) (-)



#52

Toluene

Concen: 49.004 ug/l

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV009227.D

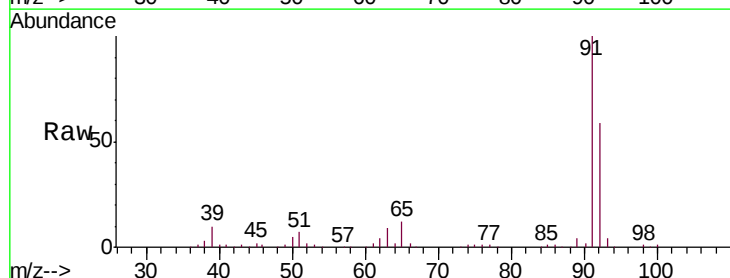
Acq: 18 Jan 2019 18:17

Tgt Ion: 92 Resp: 151523

Ion Ratio Lower Upper

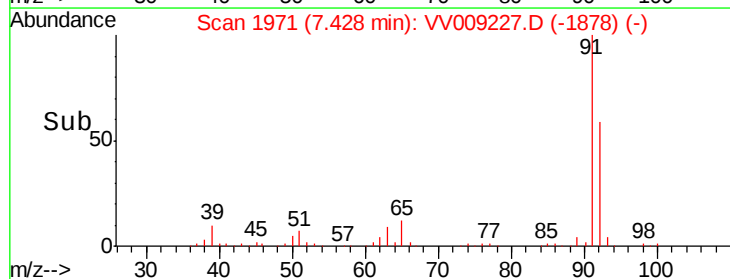
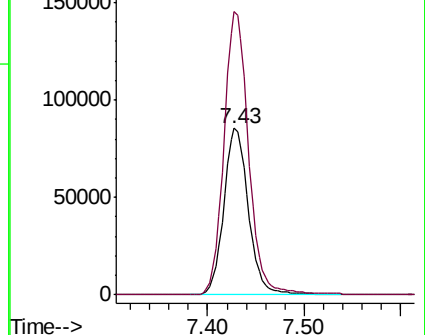
92 100

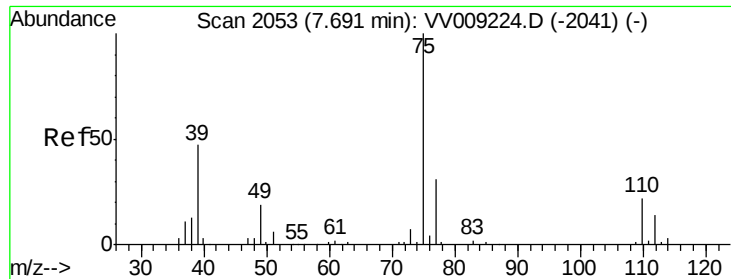
91 169.1 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VV009227.D (-1878) (-)

Ion 91.00 (90.70 to 91.70): VV009227.D (-1878) (-)





#53

t-1,3-Dichloropropene

Concen: 49.611 ug/l

RT: 7.69 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

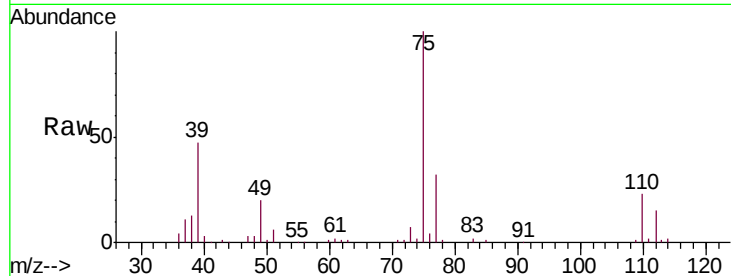
ICVVV011819

Tgt Ion: 75 Resp: 83384

Ion Ratio Lower Upper

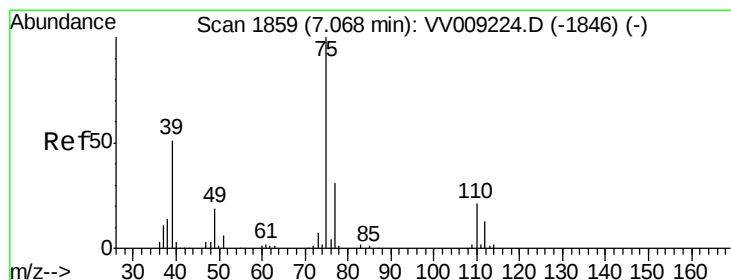
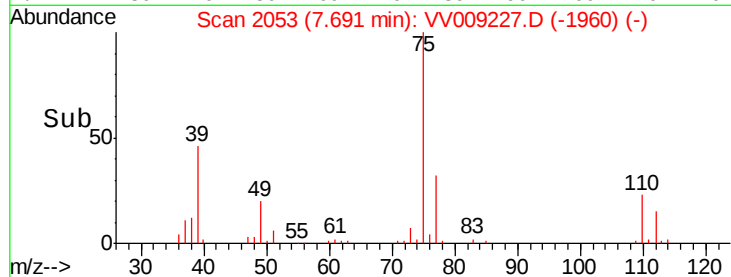
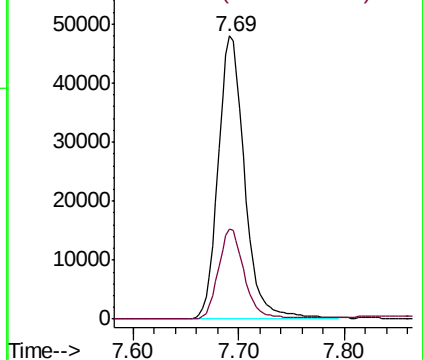
75 100

77 32.0 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 76.90 (76.60 to 77.60): VV0



#54

cis-1,3-Dichloropropene

Concen: 50.207 ug/l

RT: 7.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

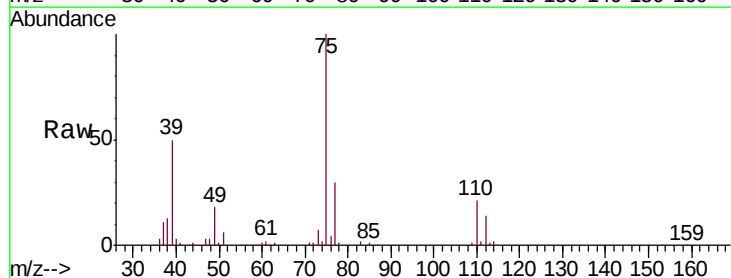
Tgt Ion: 75 Resp: 95476

Ion Ratio Lower Upper

75 100

77 29.8 24.7 37.1

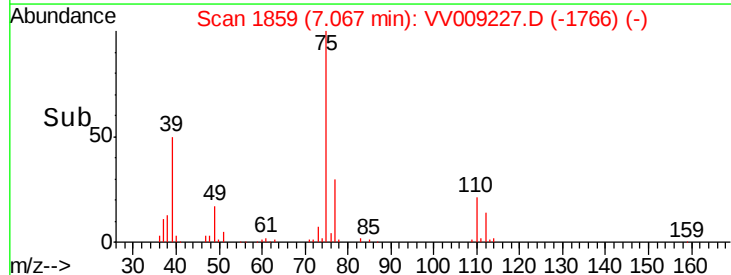
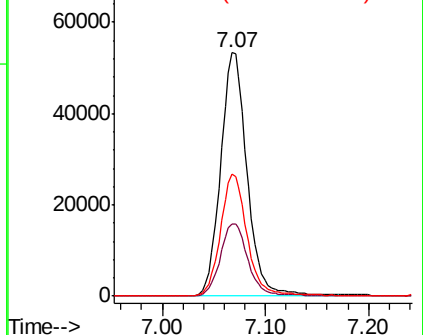
39 50.1 40.8 61.2

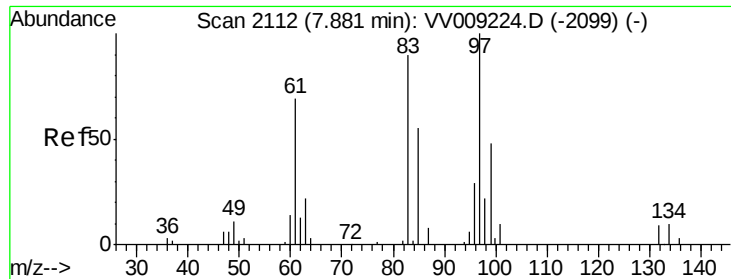


Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 76.90 (76.60 to 77.60): VV0

Ion 39.00 (38.70 to 39.70): VV0

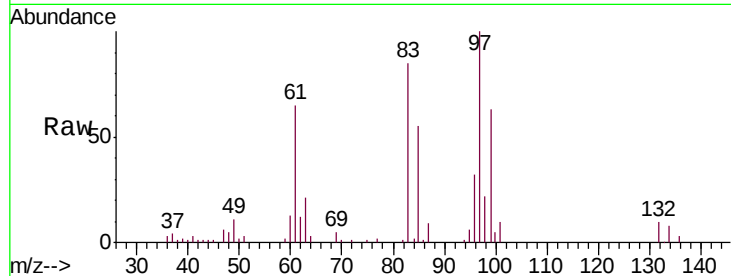




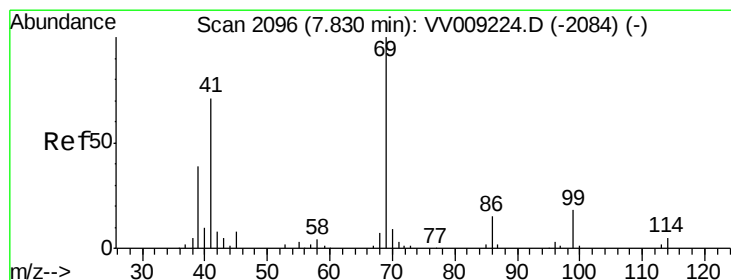
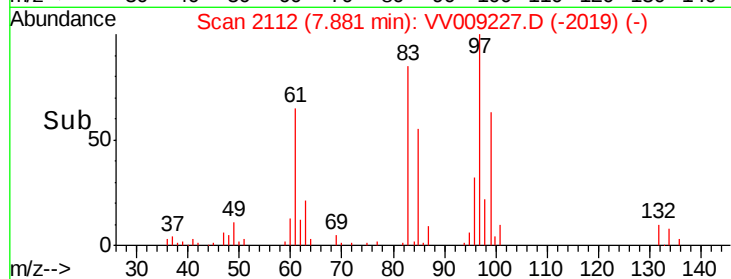
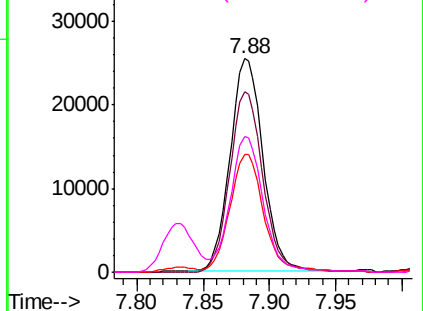
#55
 1,1,2-Trichloroethane
 Concen: 49.079 ug/l
 RT: 7.88 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV011819

Tgt Ion:	97	Resp:	43775
Ion	Ratio	Lower	Upper
97	100		
83	85.0	71.9	107.9
85	55.0	44.8	67.2
99	63.2	50.9	76.3

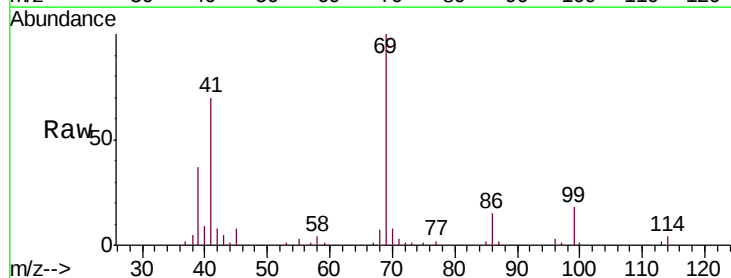


Abundance Ion 96.90 (96.60 to 97.60): VV0
 Ion 82.90 (82.60 to 83.60): VV0
 Ion 84.90 (84.60 to 85.60): VV0
 Ion 98.90 (98.60 to 99.60): VV0

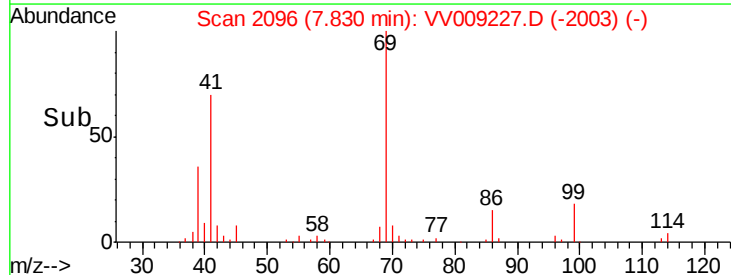
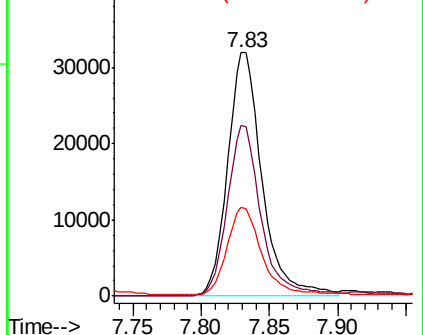


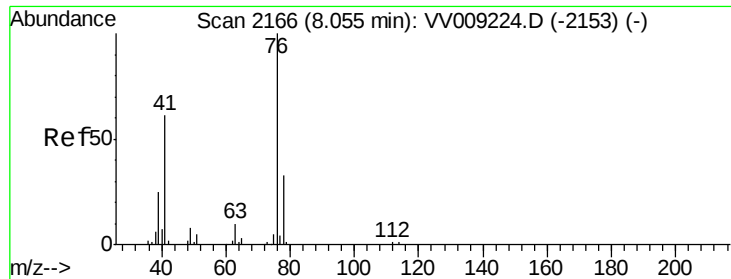
#56
 Ethyl methacrylate
 Concen: 51.703 ug/l
 RT: 7.83 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

Tgt Ion:	69	Resp:	55999
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.4	83.2
39	35.6	29.4	44.2



Abundance Ion 69.00 (68.70 to 69.70): VV0
 Ion 41.00 (40.70 to 41.70): VV0
 Ion 39.00 (38.70 to 39.70): VV0

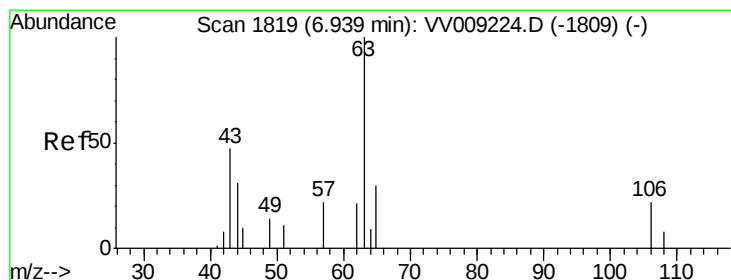
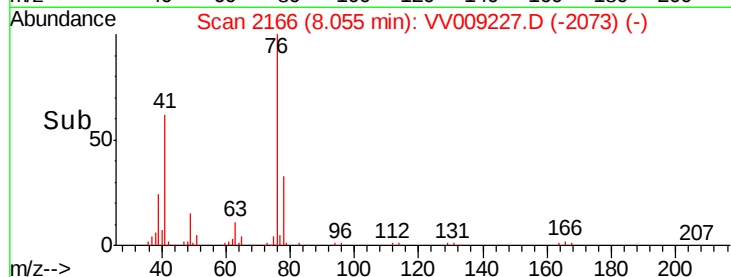
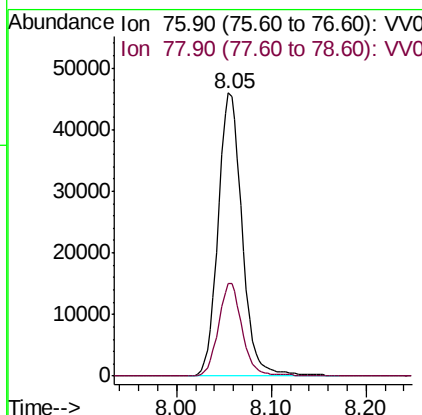
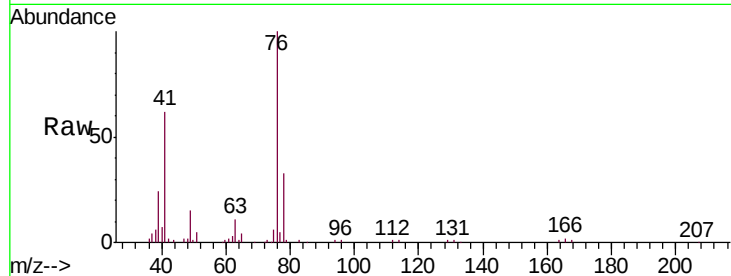




#57
 1,3-Dichloropropane
 Concen: 49.191 ug/l
 RT: 8.05 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

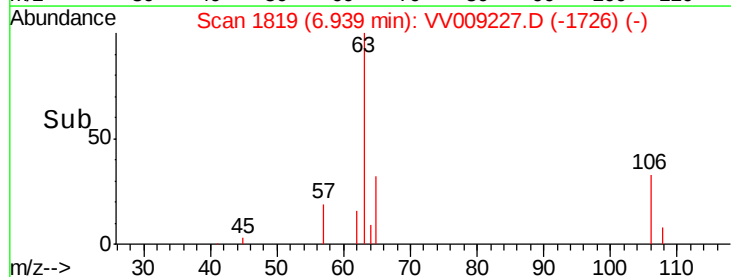
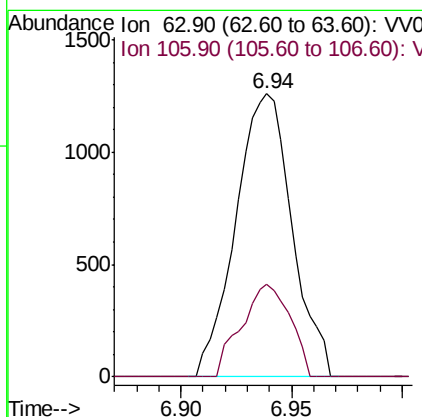
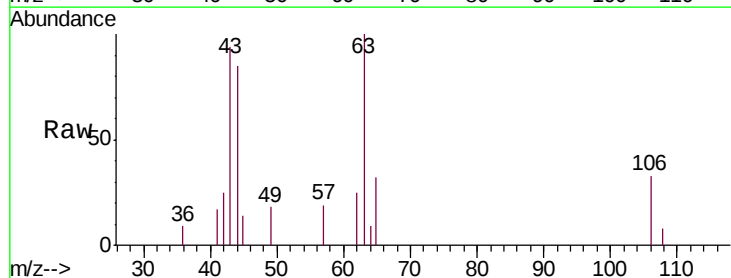
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVV011819

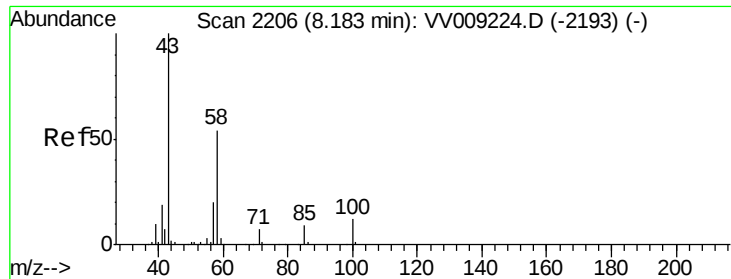
Tgt Ion: 76 Resp: 81067
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.266 ug/l
 RT: 6.94 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

Tgt Ion: 63 Resp: 2226
 Ion Ratio Lower Upper
 63 100
 106 28.2 16.6 24.8#

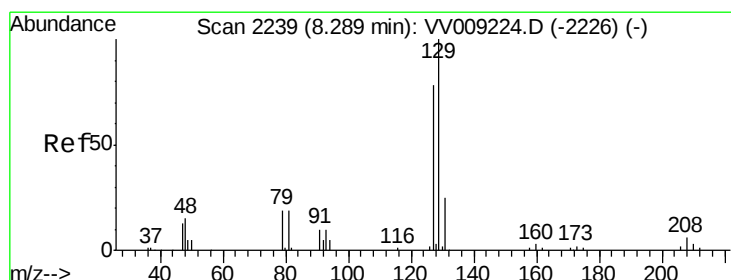
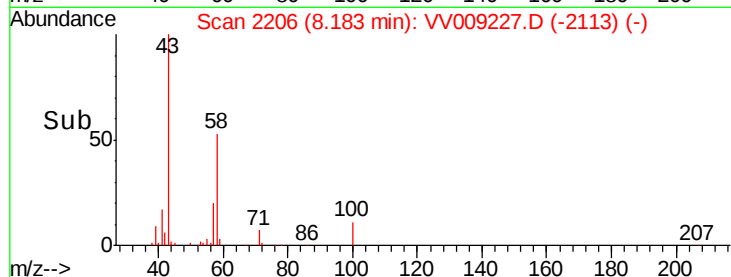
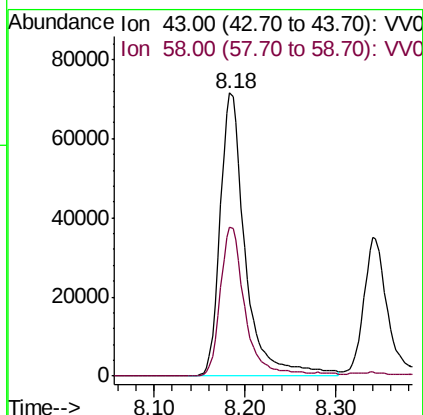
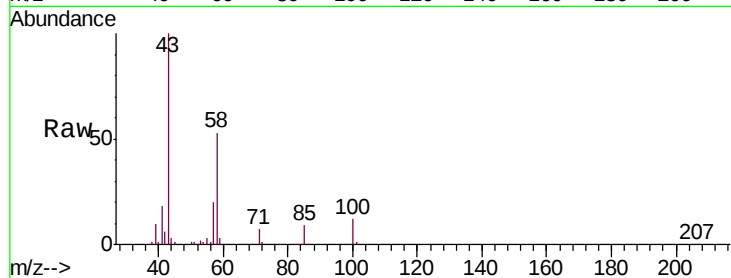




#59
2-Hexanone
Concen: 254.799 ug/l
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV009227.D
Acq: 18 Jan 2019 18:17

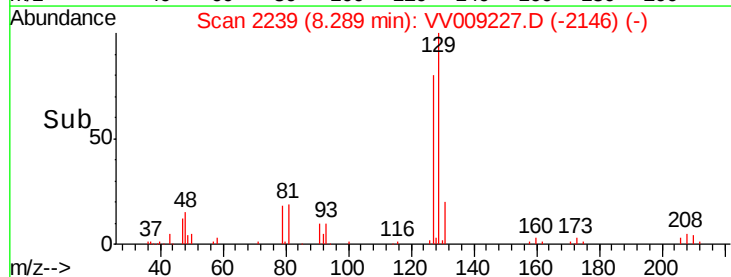
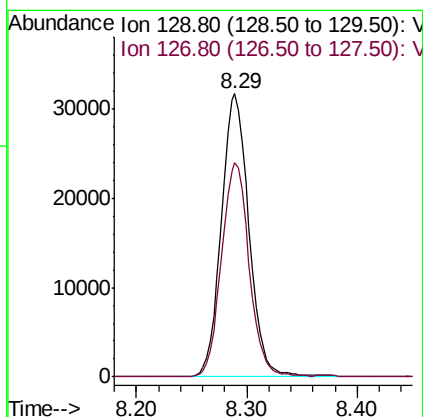
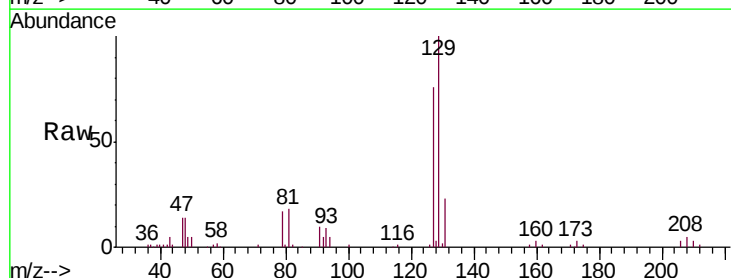
Instrument :
MSVOA_V
ClientSampleId :
ICVVV011819

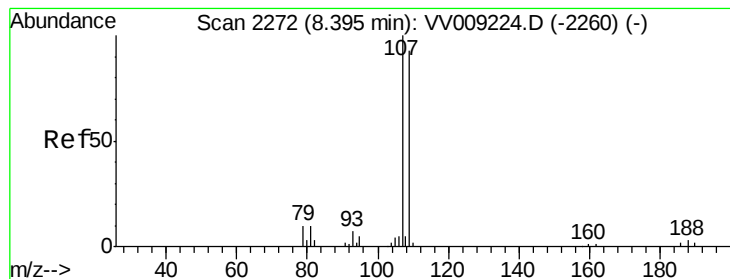
Tgt Ion: 43 Resp: 138023
Ion Ratio Lower Upper
43 100
58 51.4 26.3 78.9



#60
Dibromochloromethane
Concen: 51.503 ug/l
RT: 8.29 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VV009227.D
Acq: 18 Jan 2019 18:17

Tgt Ion: 129 Resp: 54909
Ion Ratio Lower Upper
129 100
127 76.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 50.702 ug/l

RT: 8.40 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

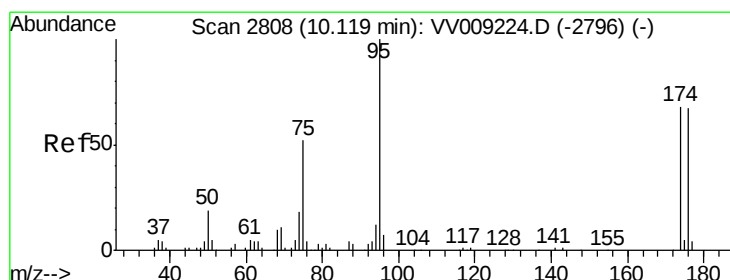
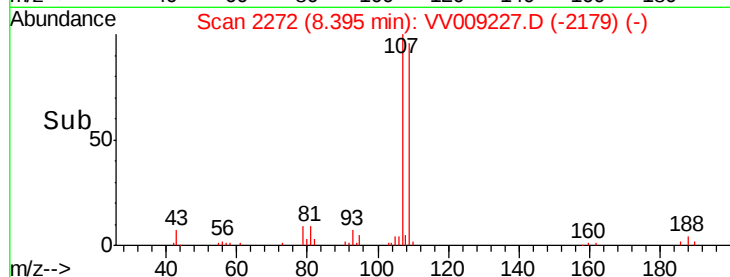
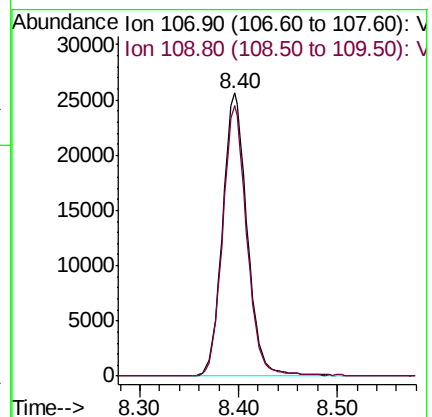
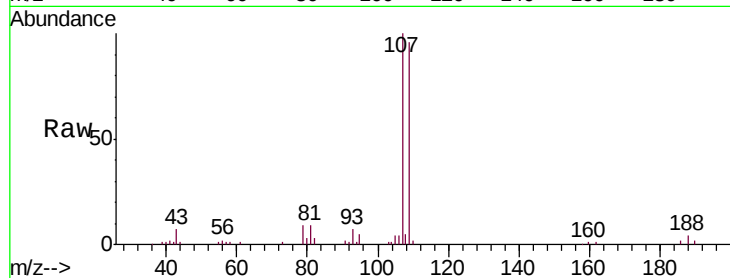
ICVVV011819

Tgt Ion: 107 Resp: 44814

Ion Ratio Lower Upper

107 100

109 94.1 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 51.637 ug/l

RT: 10.12 min Scan# 2808

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

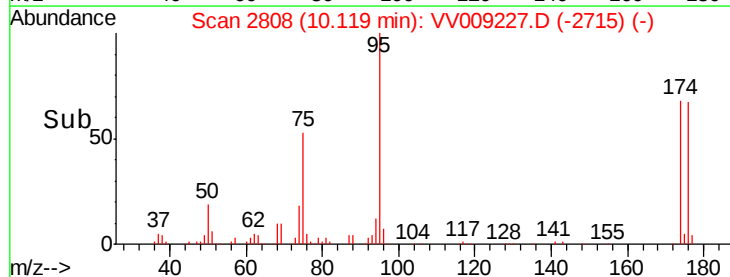
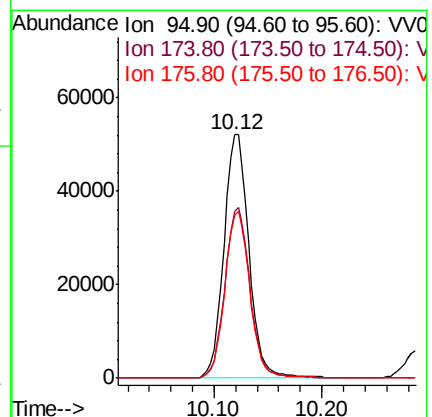
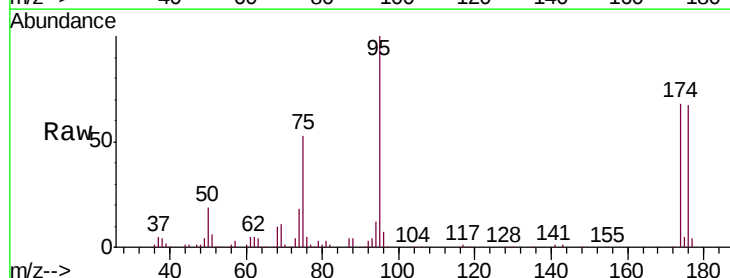
Tgt Ion: 95 Resp: 84341

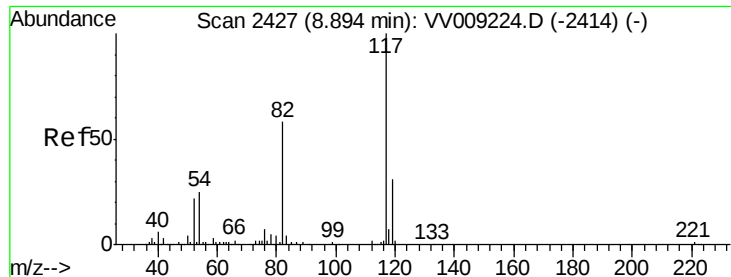
Ion Ratio Lower Upper

95 100

174 70.4 0.0 141.6

176 68.5 0.0 138.6

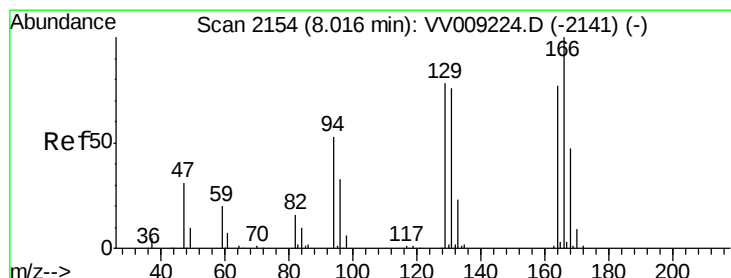
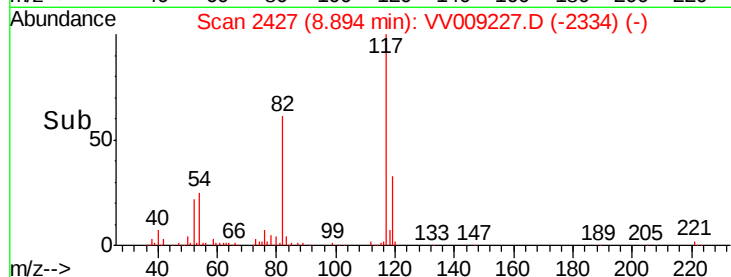
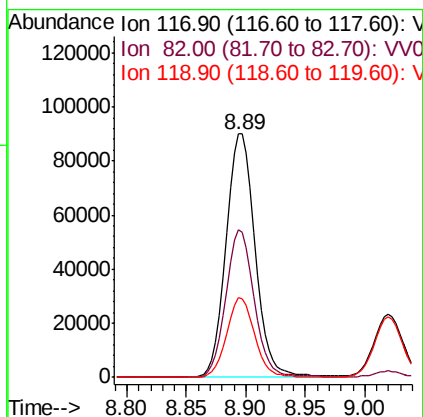
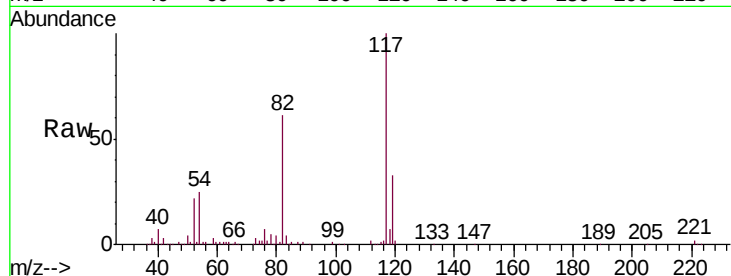




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.89 min Scan# 2427
Delta R.T. -0.00 min
Lab File: VV009227.D
Acq: 18 Jan 2019 18:17

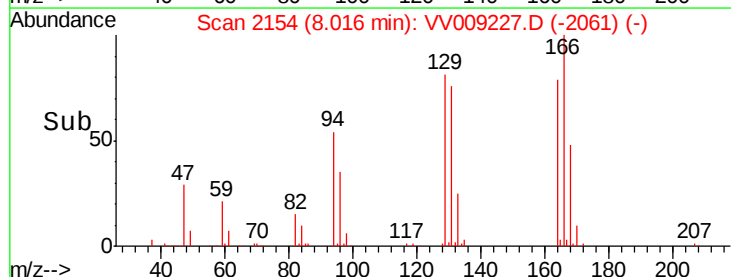
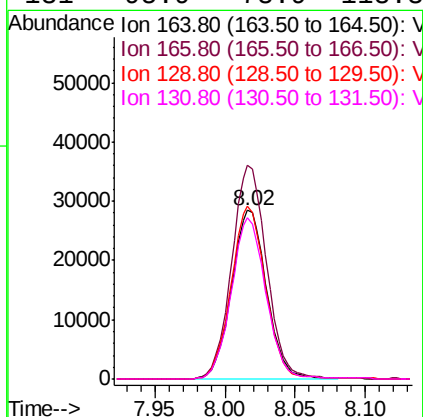
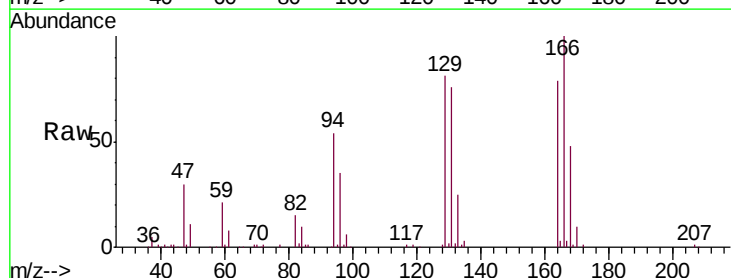
Instrument :
MSVOA_V
ClientSampleId :
ICVV011819

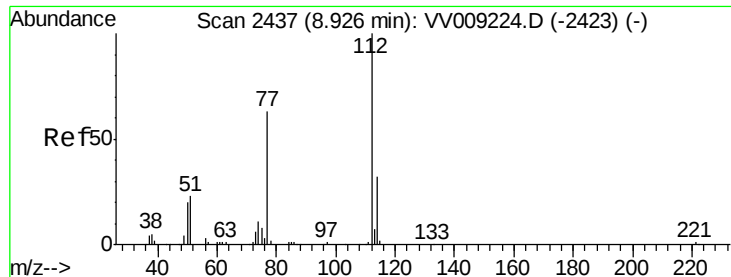
Tgt Ion:117 Resp: 153109
Ion Ratio Lower Upper
117 100
82 60.6 46.2 69.2
119 32.7 25.0 37.4



#64
Tetrachloroethene
Concen: 48.843 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV009227.D
Acq: 18 Jan 2019 18:17

Tgt Ion:164 Resp: 49476
Ion Ratio Lower Upper
164 100
166 126.6 104.2 156.2
129 102.1 81.0 121.4
131 95.9 78.9 118.3





#65

Chlorobenzene

Concen: 48.039 ug/l

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

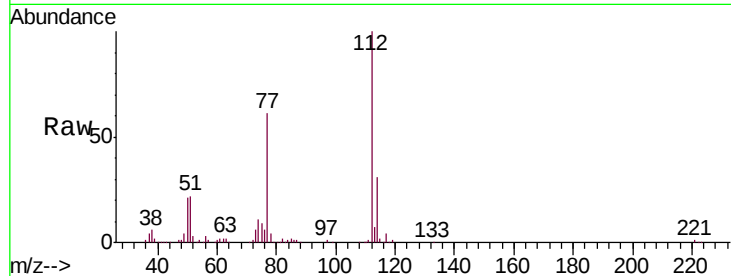
ICVVV011819

Tgt Ion:112 Resp: 165245

Ion Ratio Lower Upper

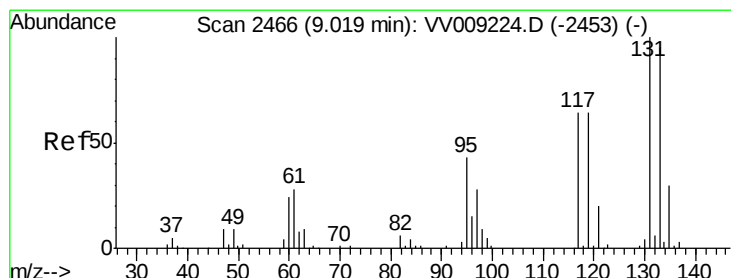
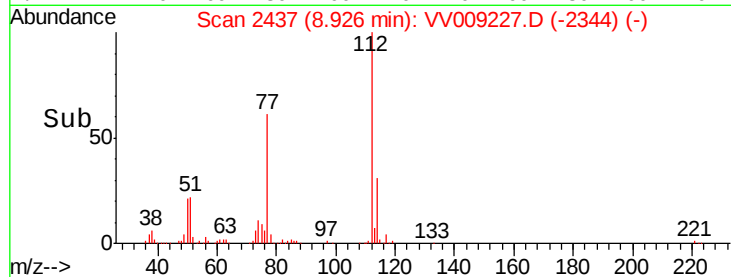
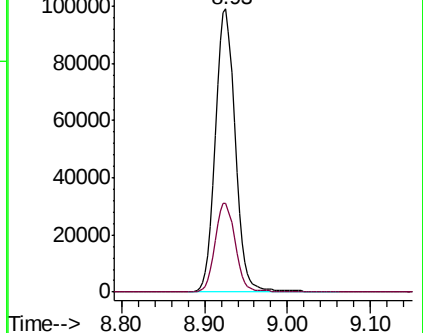
112 100

114 31.3 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.401 ug/l

RT: 9.02 min Scan# 2466

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

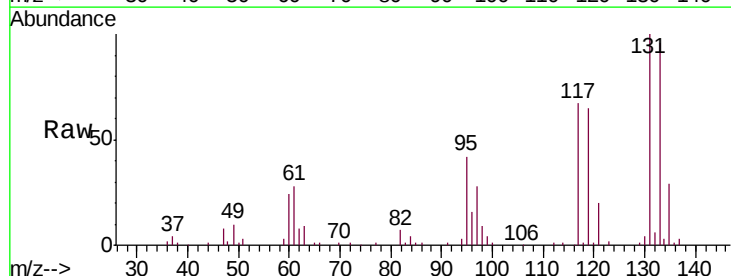
Tgt Ion:131 Resp: 58639

Ion Ratio Lower Upper

131 100

133 95.1 47.3 141.8

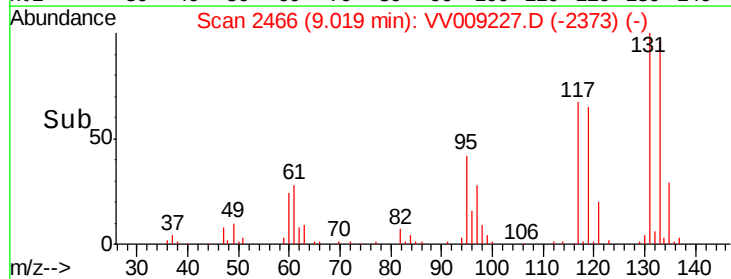
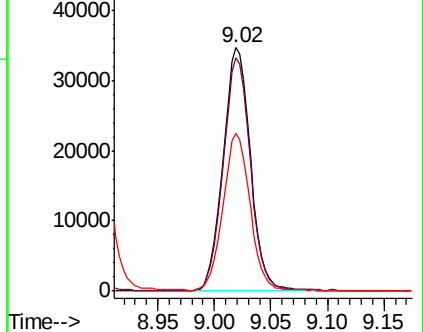
119 64.5 32.5 97.5

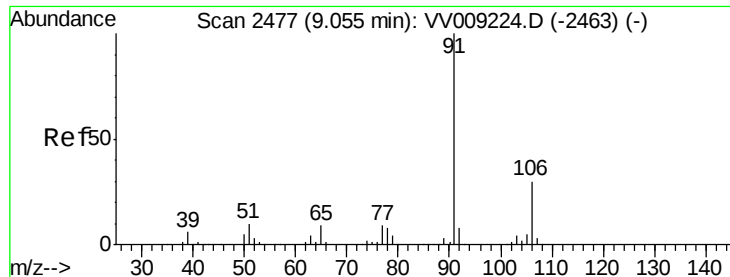


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.578 ug/l

RT: 9.05 min Scan# 2477

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

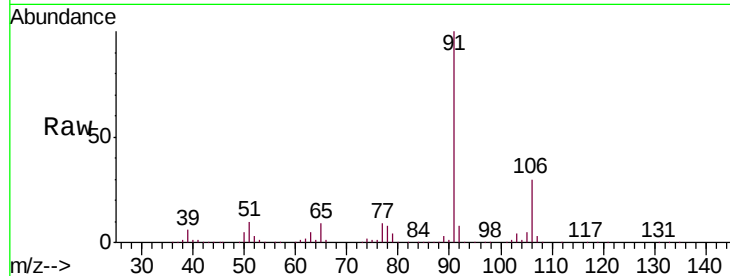
ICVVV011819

Tgt Ion: 91 Resp: 296011

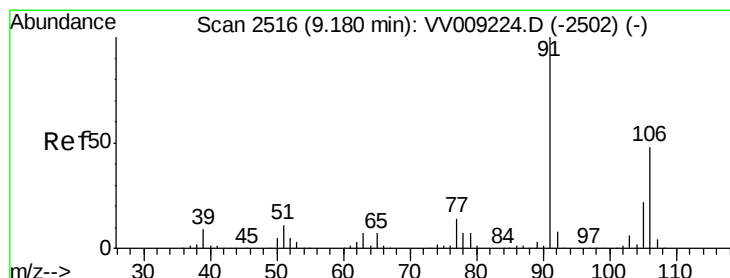
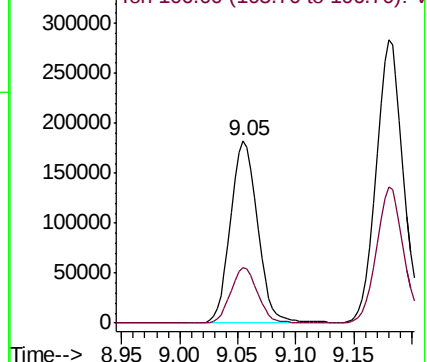
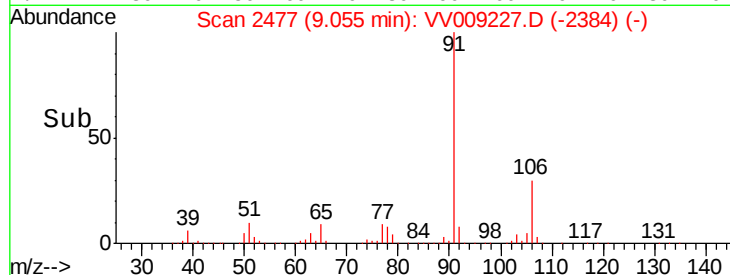
Ion Ratio Lower Upper

91 100

106 30.3 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VV009227.D (-2384) (-)



#68

m/p-Xylenes

Concen: 98.662 ug/l

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: VV009227.D

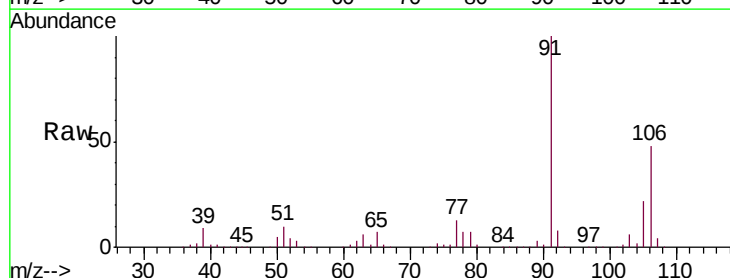
Acq: 18 Jan 2019 18:17

Tgt Ion: 106 Resp: 224566

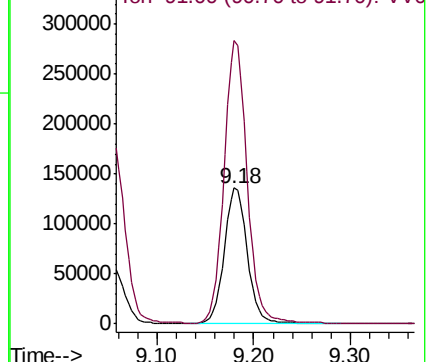
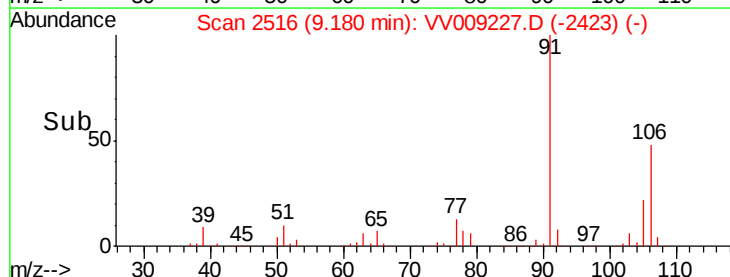
Ion Ratio Lower Upper

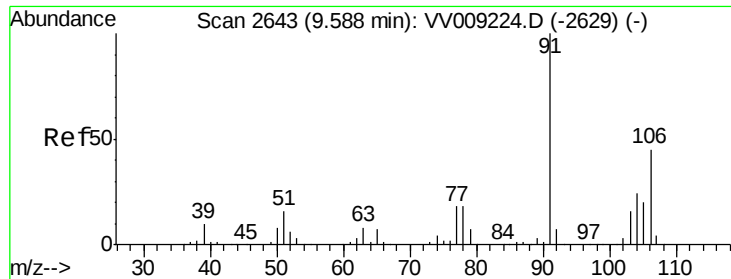
106 100

91 211.7 170.4 255.6



Abundance Ion 106.00 (105.70 to 106.70): VV009227.D (-2423) (-)

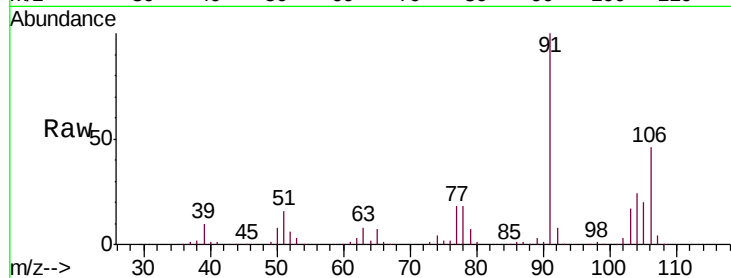




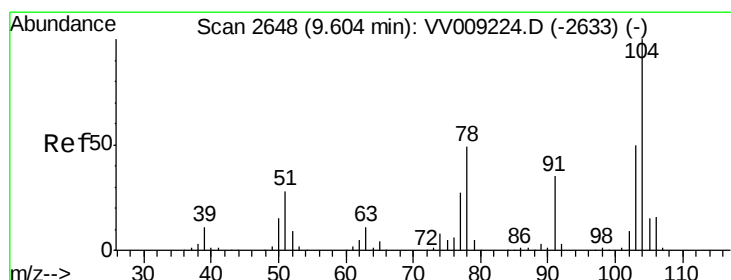
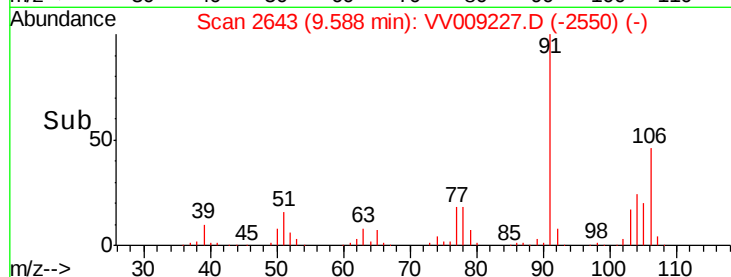
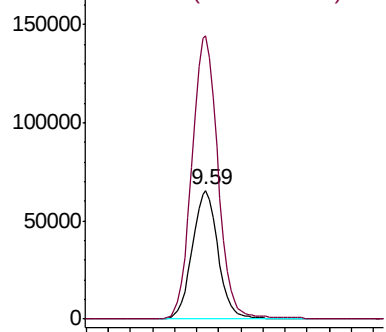
#69
o-Xylene
Concen: 50.135 ug/l
RT: 9.59 min Scan# 2643
Delta R.T. -0.00 min
Lab File: VV009227.D
Acq: 18 Jan 2019 18:17

Instrument :
MSVOA_V
ClientSampleId :
ICVVV011819

Tgt Ion:106 Resp: 106900
Ion Ratio Lower Upper
106 100
91 222.0 110.6 331.8

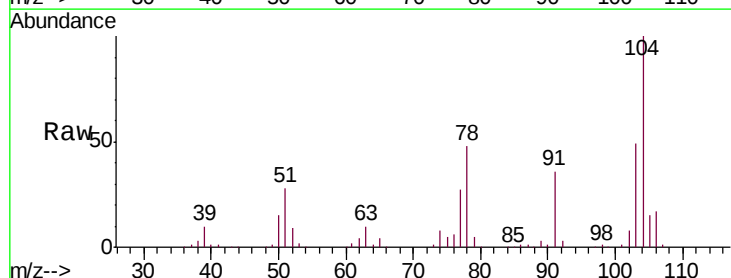


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

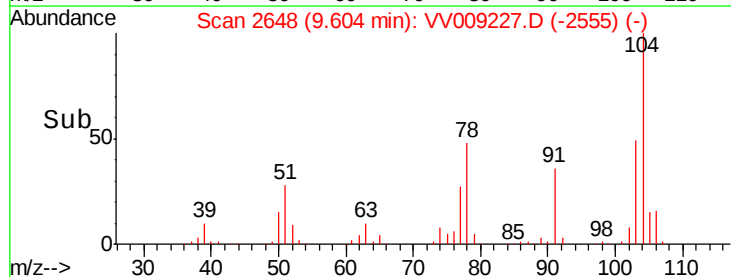
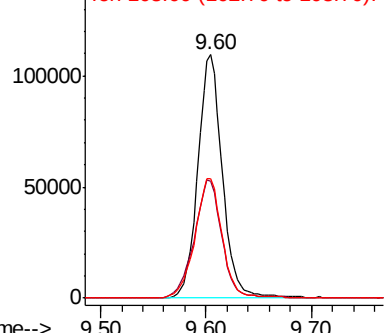


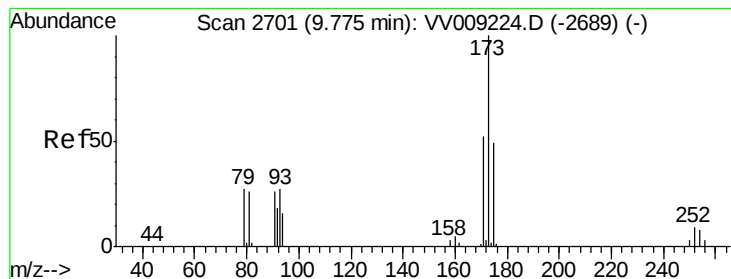
#70
Styrene
Concen: 50.508 ug/l
RT: 9.60 min Scan# 2648
Delta R.T. -0.00 min
Lab File: VV009227.D
Acq: 18 Jan 2019 18:17

Tgt Ion:104 Resp: 176278
Ion Ratio Lower Upper
104 100
78 55.1 43.7 65.5
103 54.5 44.0 66.0



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: 51.604 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

ICVVV011819

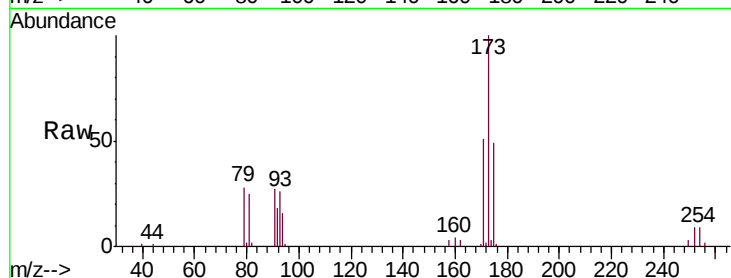
Tgt Ion:173 Resp: 29899

Ion Ratio Lower Upper

173 100

175 47.8 24.1 72.4

254 0.0 0.0 0.0

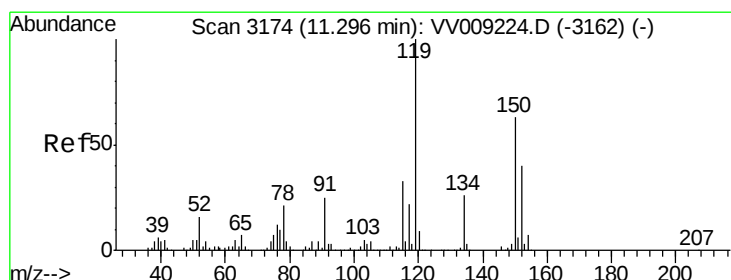
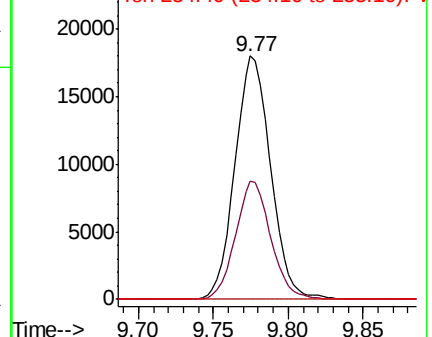
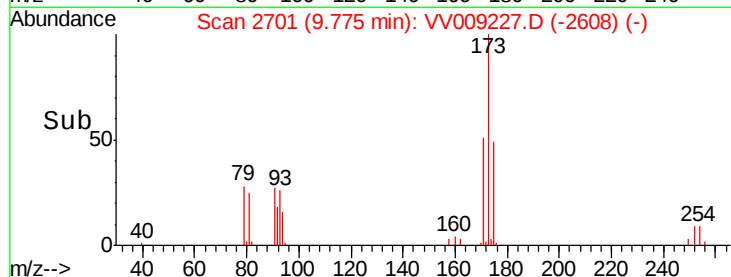


Abundance

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: VV009227.D

Acq: 18 Jan 2019 18:17

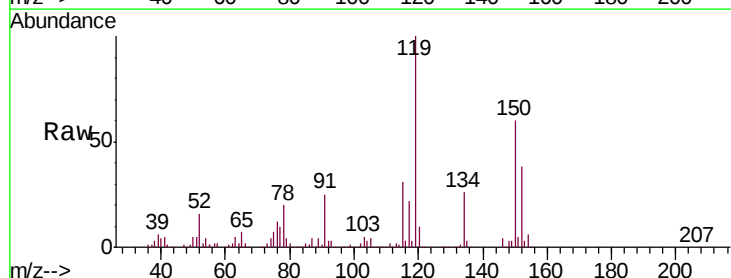
Tgt Ion:152 Resp: 78080

Ion Ratio Lower Upper

152 100

115 90.3 45.1 135.3

150 176.3 0.0 350.8

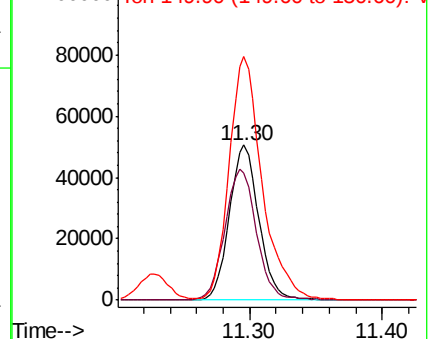
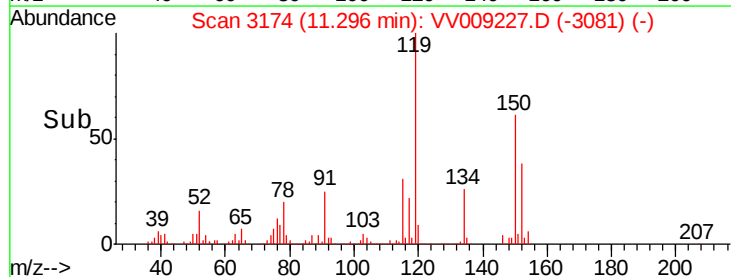


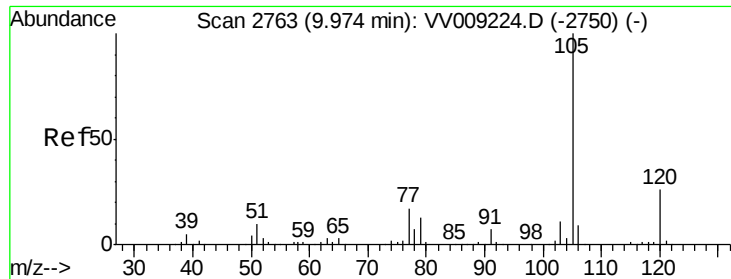
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.664 ug/l

RT: 9.97 min Scan# 2763

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

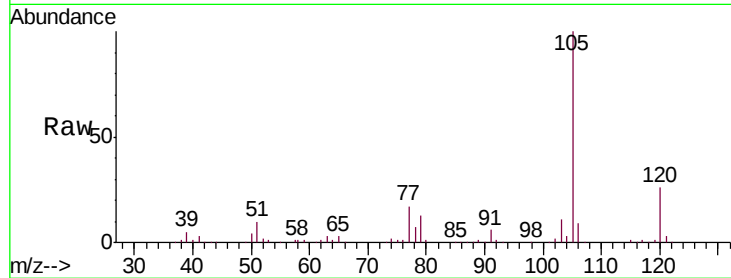
ICVVV011819

Tgt Ion:105 Resp: 294898

Ion Ratio Lower Upper

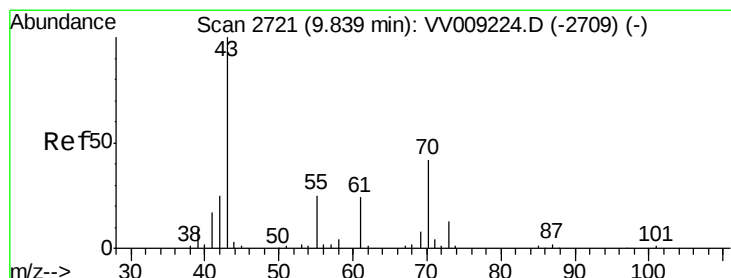
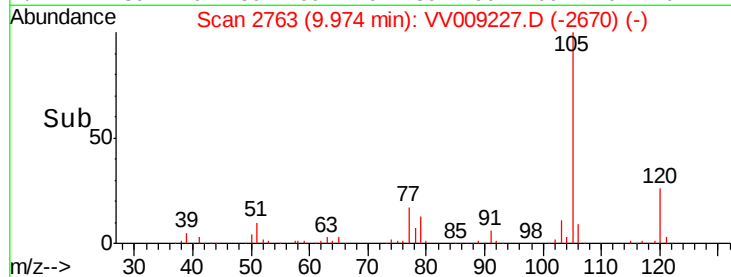
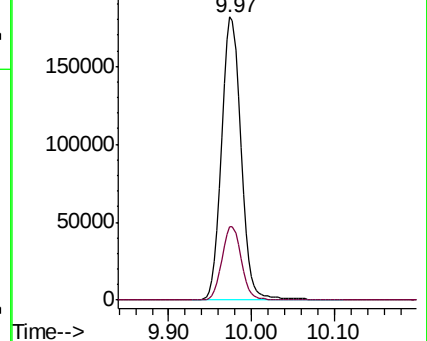
105 100

120 25.9 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.353 ug/l

RT: 9.84 min Scan# 2721

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Tgt Ion: 43 Resp: 69864

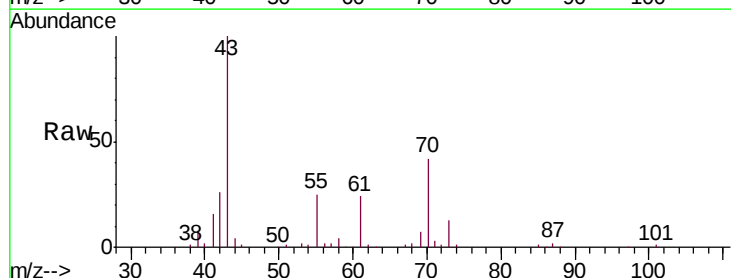
Ion Ratio Lower Upper

43 100

70 40.8 32.4 48.6

55 23.5 19.9 29.9

61 22.9 19.0 28.6

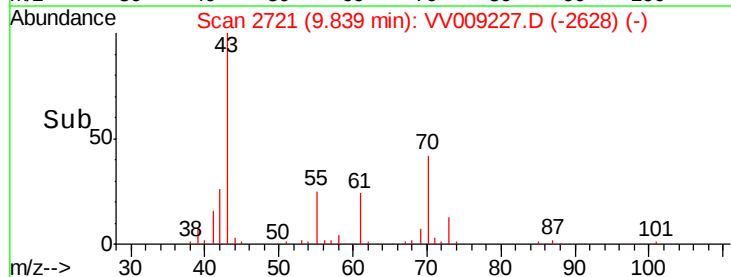
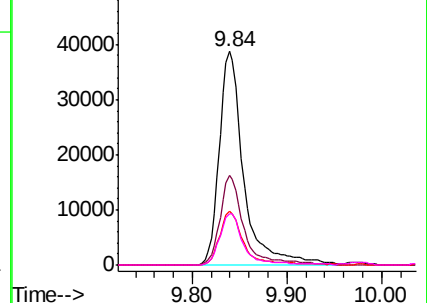


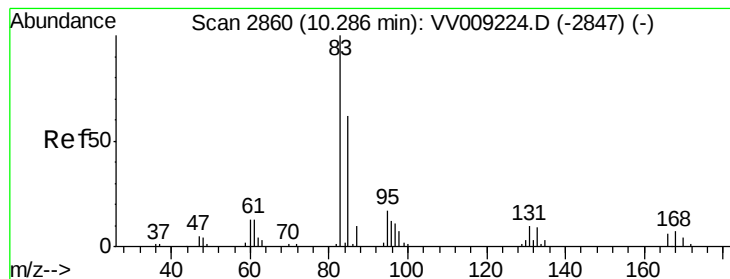
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 49.053 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

ICVVV011819

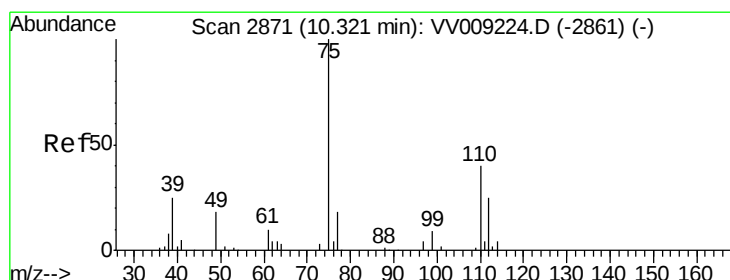
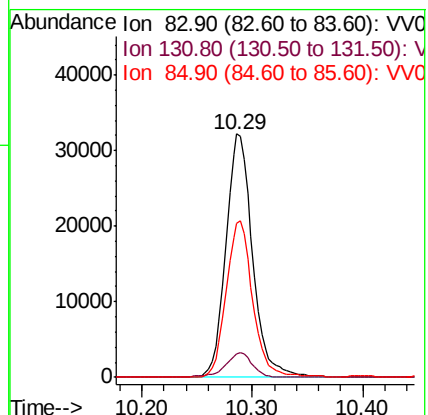
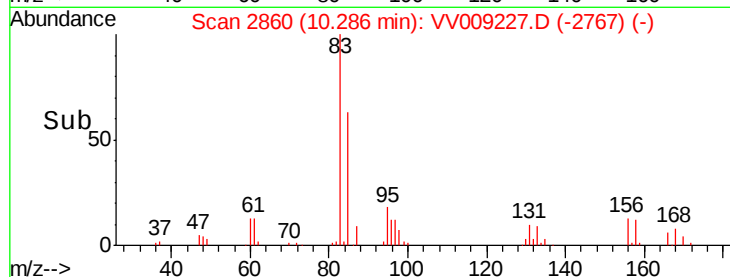
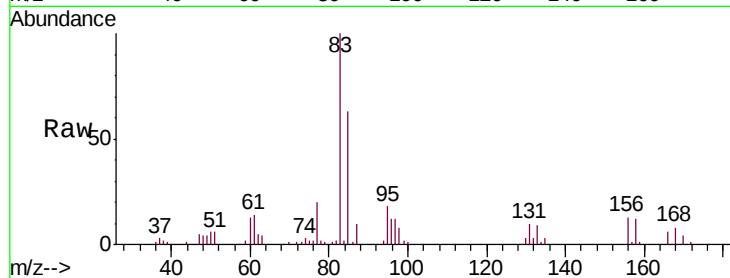
Tgt Ion: 83 Resp: 53998

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

85 64.0 31.6 94.7



#76

1,2,3-Trichloropropane

Concen: 69.152 ug/l

RT: 10.32 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VV009227.D

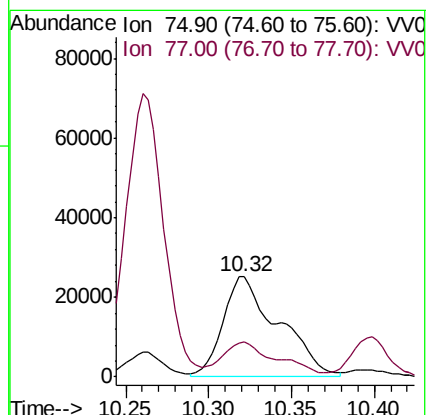
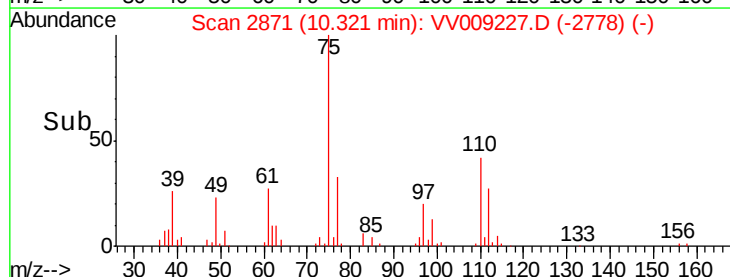
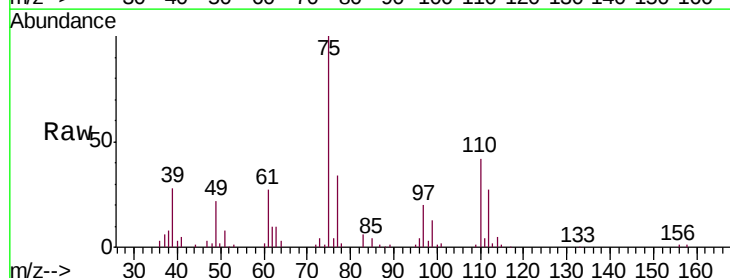
Acq: 18 Jan 2019 18:17

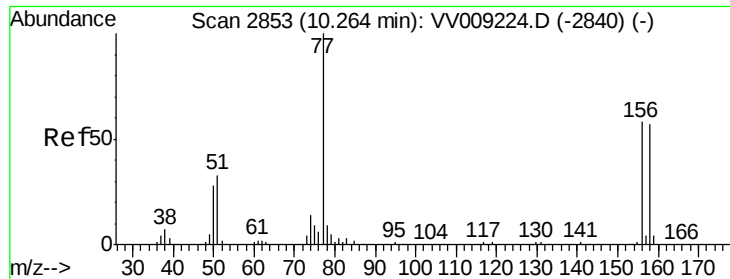
Tgt Ion: 75 Resp: 59026

Ion Ratio Lower Upper

75 100

77 34.8 24.1 72.3





#77

Bromobenzene

Concen: 47.926 ug/l

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

ICVV011819

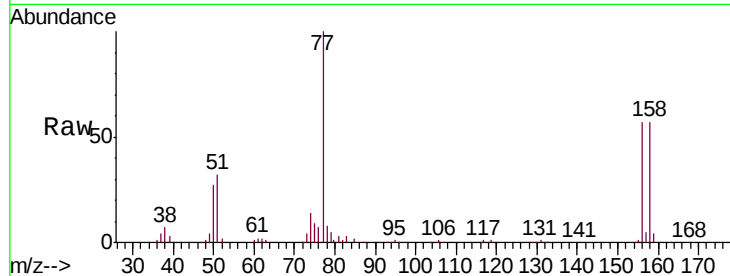
Tgt Ion:156 Resp: 65077

Ion Ratio Lower Upper

156 100

77 175.6 86.6 259.7

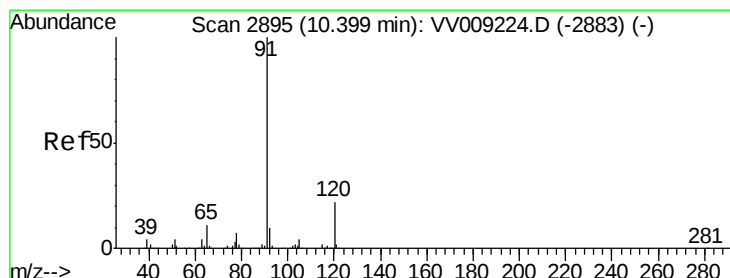
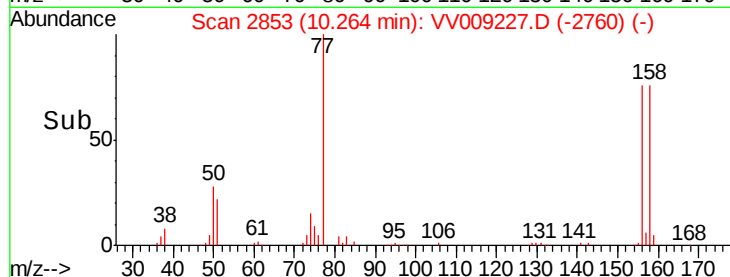
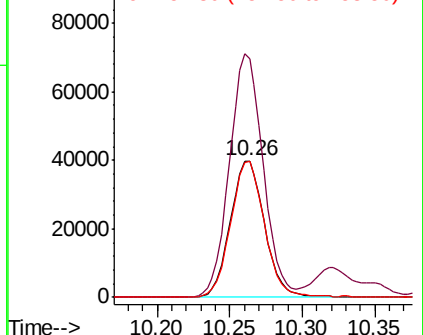
158 98.9 48.8 146.3



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: 49.074 ug/l

RT: 10.40 min Scan# 2895

Delta R.T. -0.00 min

Lab File: VV009227.D

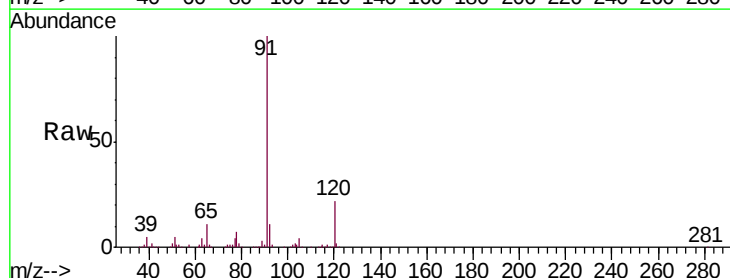
Acq: 18 Jan 2019 18:17

Tgt Ion: 91 Resp: 353218

Ion Ratio Lower Upper

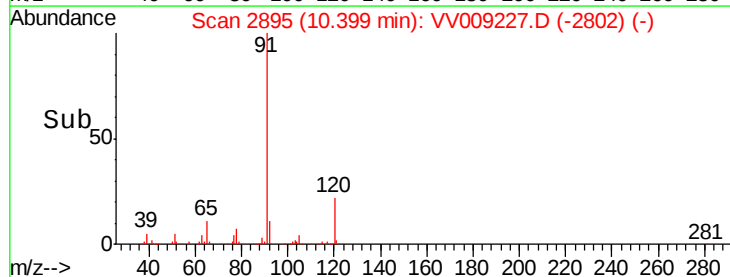
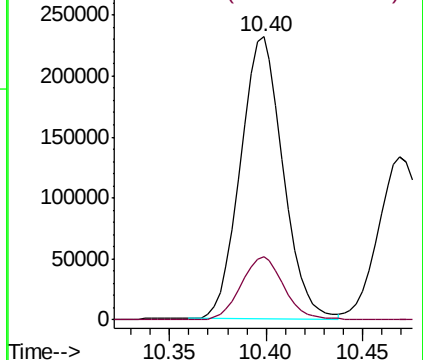
91 100

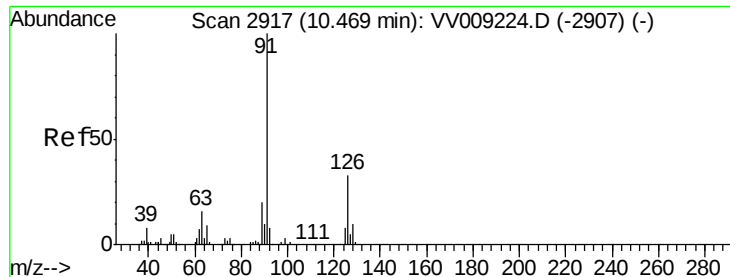
120 22.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 120.00 (119.70 to 120.70): V

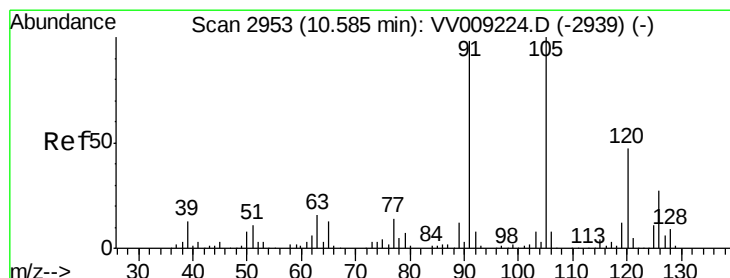
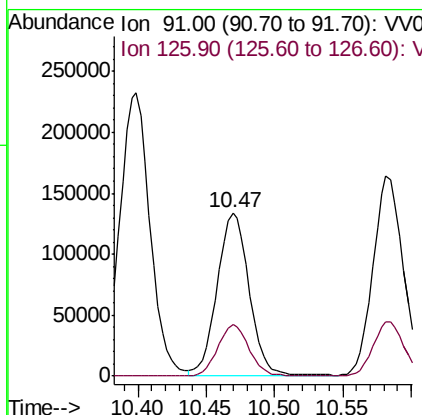
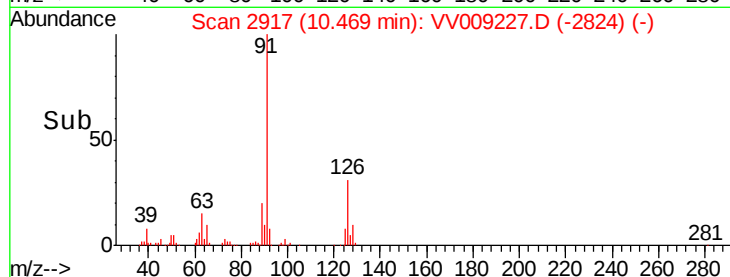
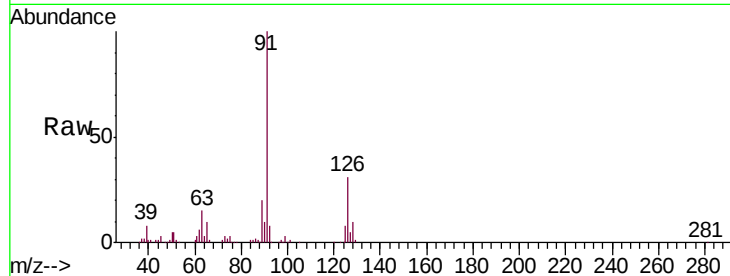




#79
 2-Chlorotoluene
 Concen: 48.544 ug/l
 RT: 10.47 min Scan# 2917
 Delta R.T. -0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

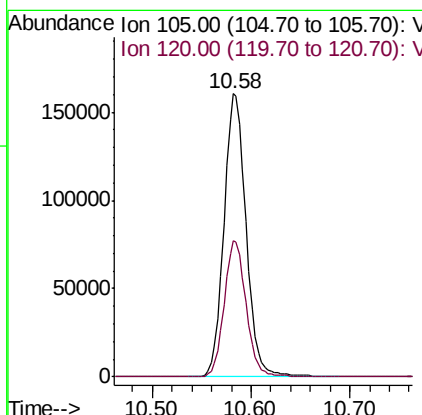
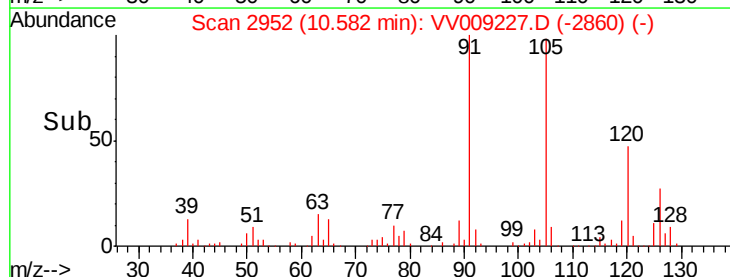
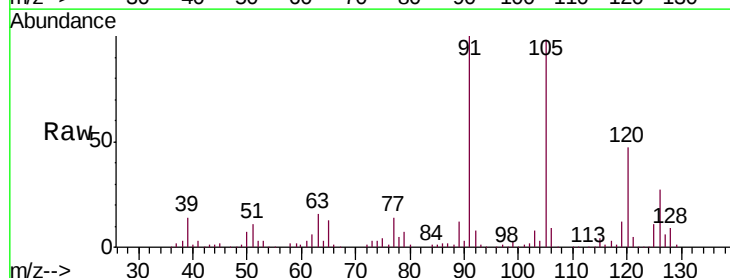
Instrument :
 MSVOA_V
 ClientSampled :
 ICVV011819

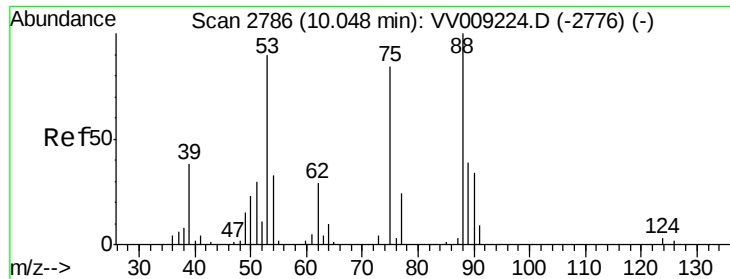
Tgt Ion: 91 Resp: 215778
 Ion Ratio Lower Upper
 91 100
 126 31.5 16.0 47.9



#80
 1,3,5-Trimethylbenzene
 Concen: 49.286 ug/l
 RT: 10.58 min Scan# 2952
 Delta R.T. -0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

Tgt Ion: 105 Resp: 253602
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 50.566 ug/l

RT: 10.05 min Scan# 2786

Delta R.T. -0.00 min

Lab File: VV009227.D

Acq: 18 Jan 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

ICVV011819

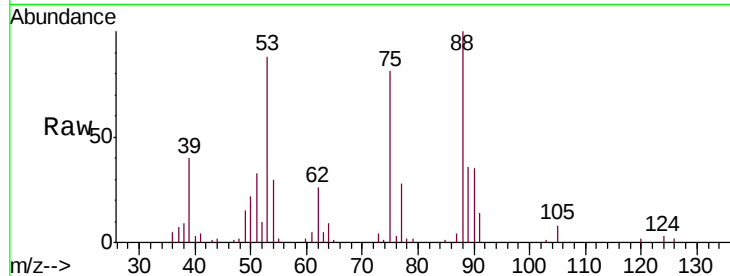
Tgt Ion: 75 Resp: 15524

Ion Ratio Lower Upper

75 100

53 107.9 85.5 128.3

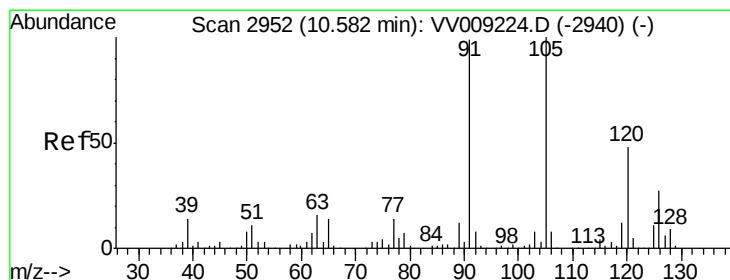
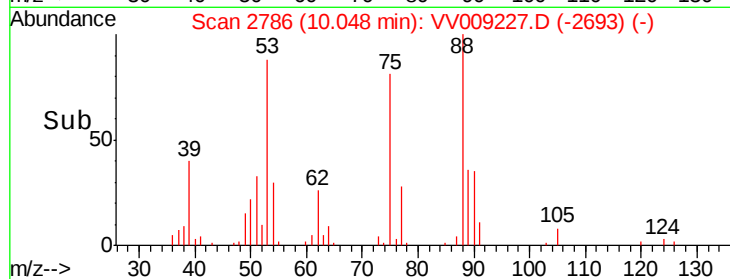
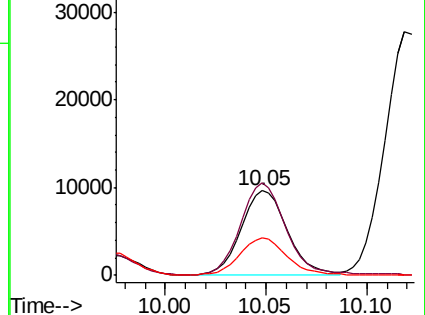
89 44.6 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 53.00 (52.70 to 53.70): VV0

Ion 88.90 (88.60 to 89.60): VV0



#82

4-Chlorotoluene

Concen: 48.740 ug/l

RT: 10.58 min Scan# 2952

Delta R.T. 0.00 min

Lab File: VV009227.D

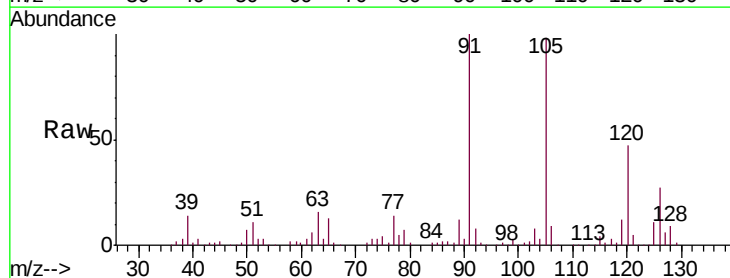
Acq: 18 Jan 2019 18:17

Tgt Ion: 91 Resp: 259262

Ion Ratio Lower Upper

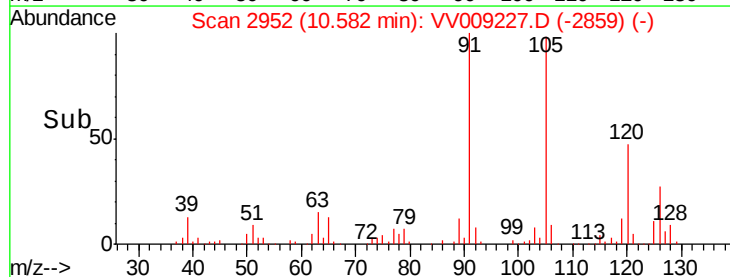
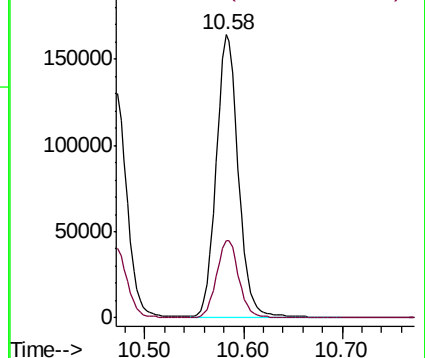
91 100

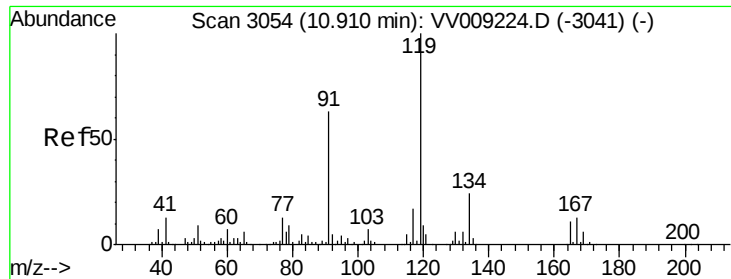
126 27.7 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 125.90 (125.60 to 126.60): V

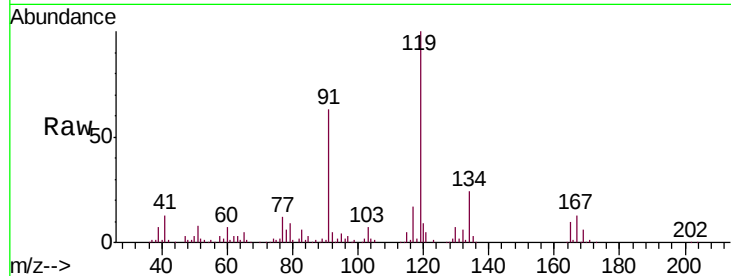




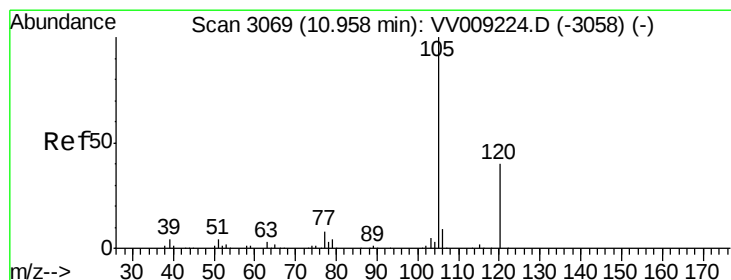
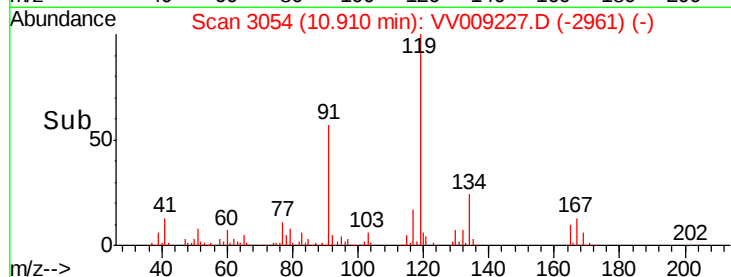
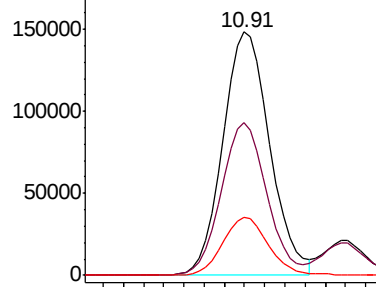
#83
 tert-Butylbenzene
 Concen: 49.307 ug/l
 RT: 10.91 min Scan# 3054
 Delta R.T. -0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV011819

Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.7	30.5	91.5
134	23.4	11.8	35.4

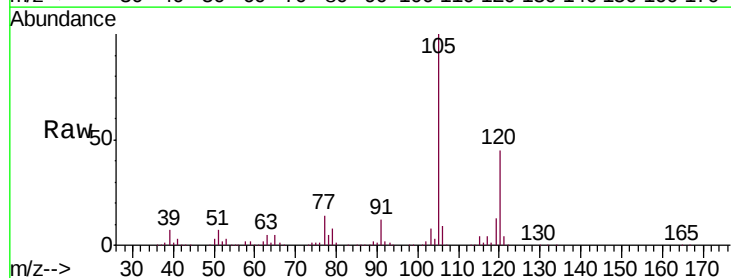


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

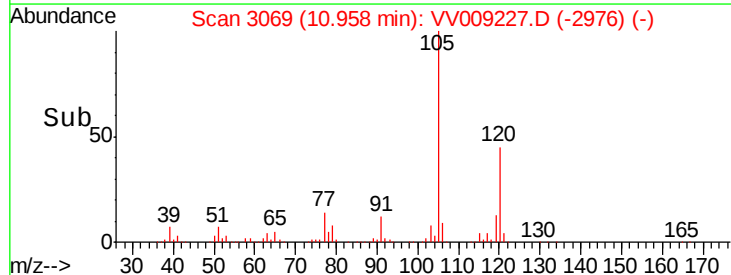
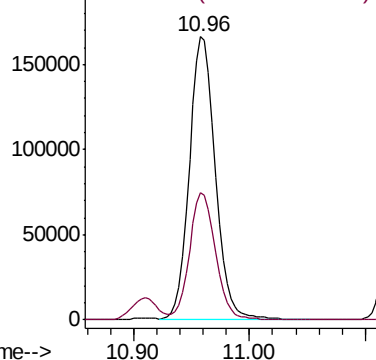


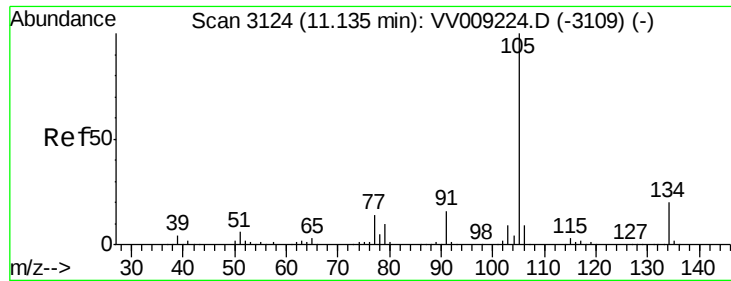
#84
 1,2,4-Trimethylbenzene
 Concen: 48.737 ug/l
 RT: 10.96 min Scan# 3069
 Delta R.T. -0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.2	66.6



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

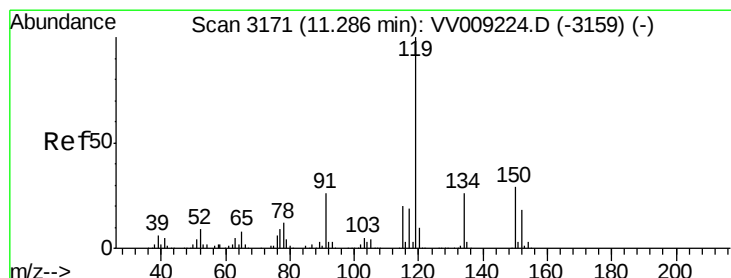
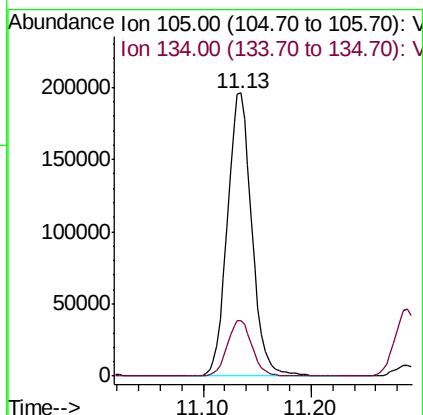
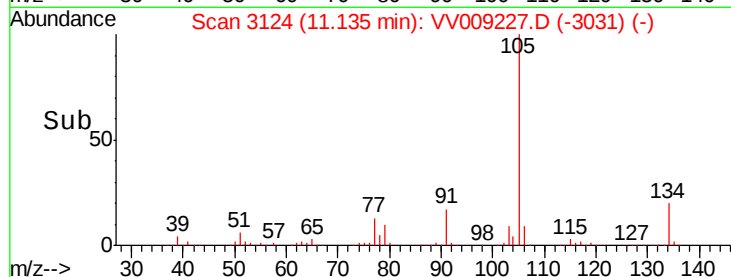
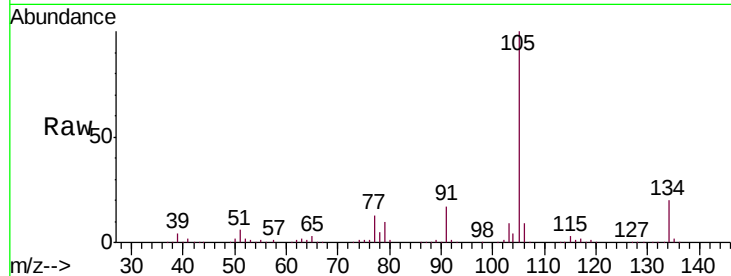




#85
 sec-Butylbenzene
 Concen: 49.316 ug/l
 RT: 11.13 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

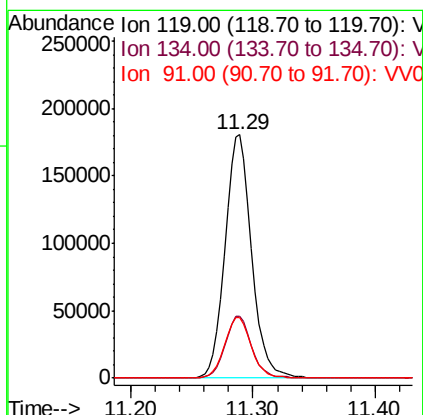
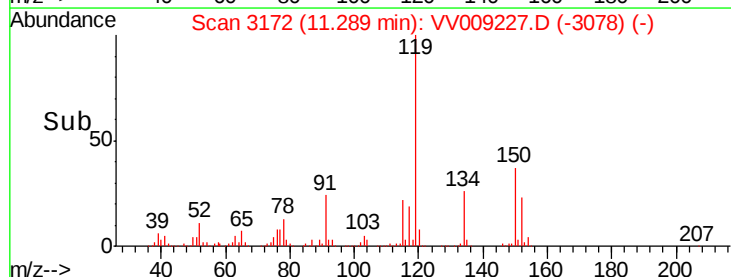
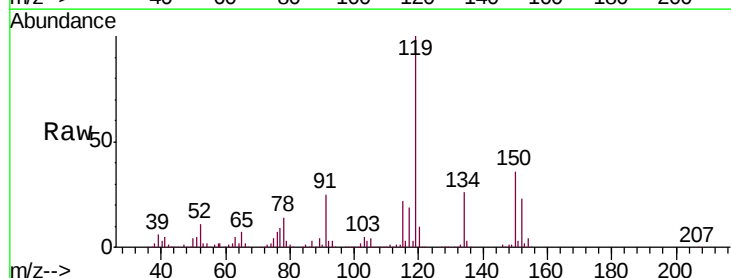
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV011819

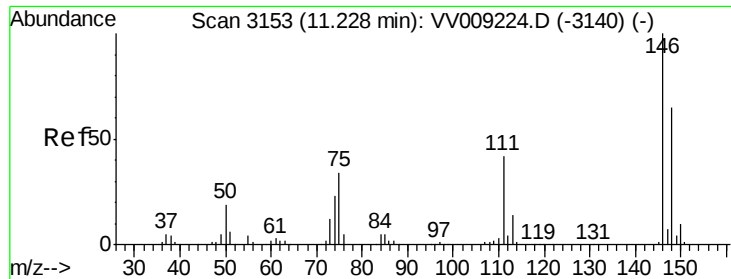
Tgt Ion:105 Resp: 309588
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 49.483 ug/l
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

Tgt Ion:119 Resp: 275948
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 25.3 12.9 38.7

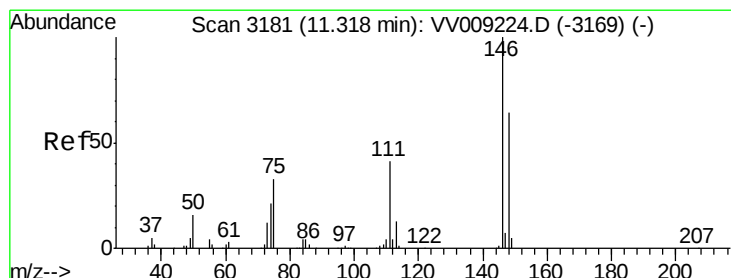
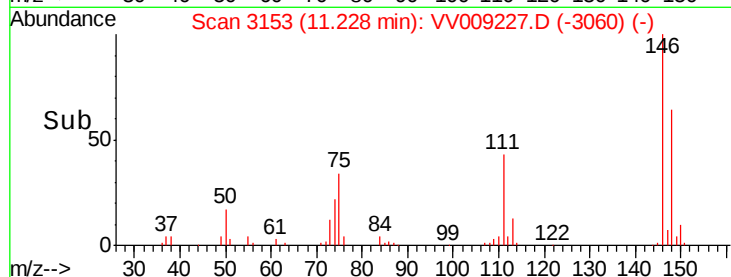
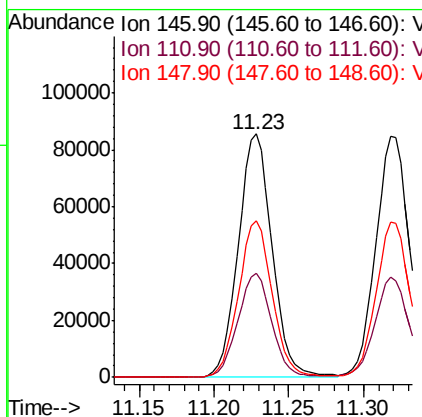
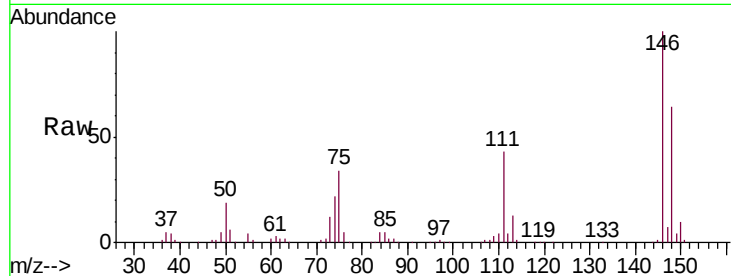




#87
 1,3-Dichlorobenzene
 Concen: 48.778 ug/l
 RT: 11.23 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

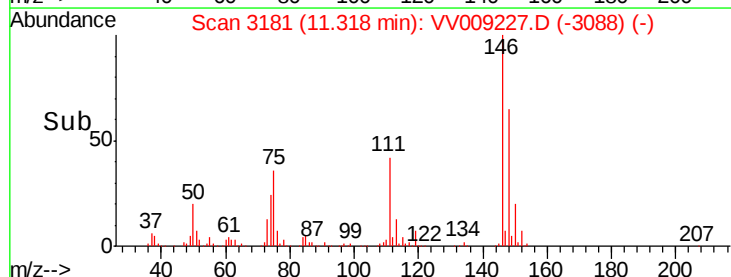
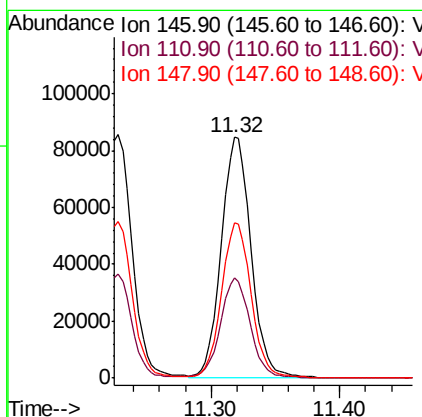
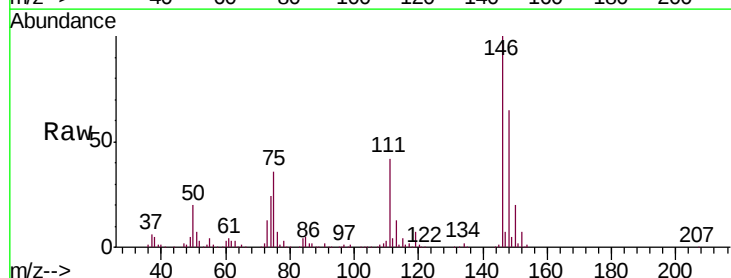
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV011819

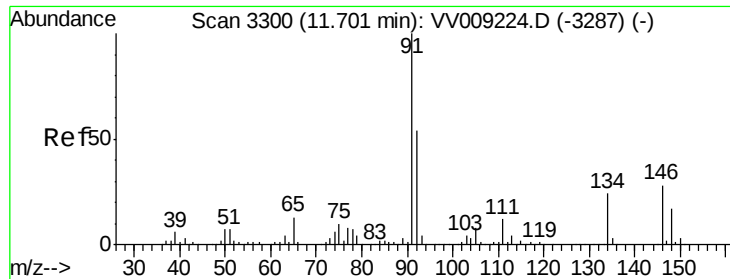
Tgt Ion:146 Resp: 134818
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.1 63.1
 148 64.3 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 48.516 ug/l
 RT: 11.32 min Scan# 3181
 Delta R.T. -0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

Tgt Ion:146 Resp: 136019
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.0 63.0
 148 64.4 31.8 95.3

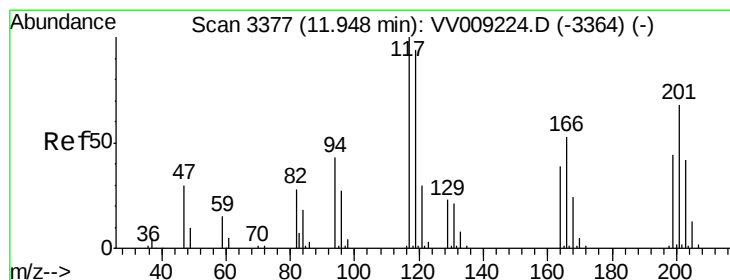
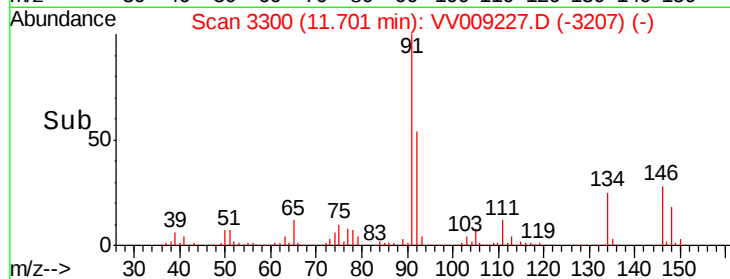
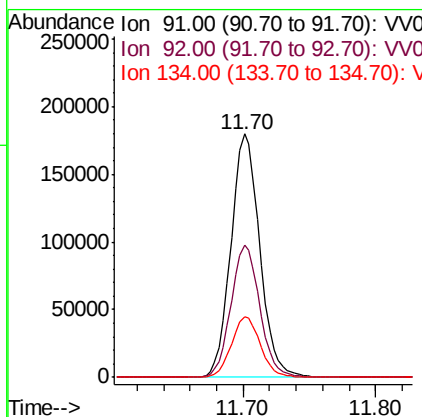
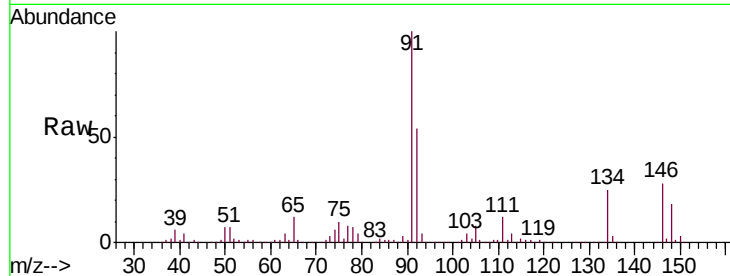




#89
n-Butylbenzene
Concen: 49.395 ug/l
RT: 11.70 min Scan# 3300
Delta R.T. -0.00 min
Lab File: VV009227.D
Acq: 18 Jan 2019 18:17

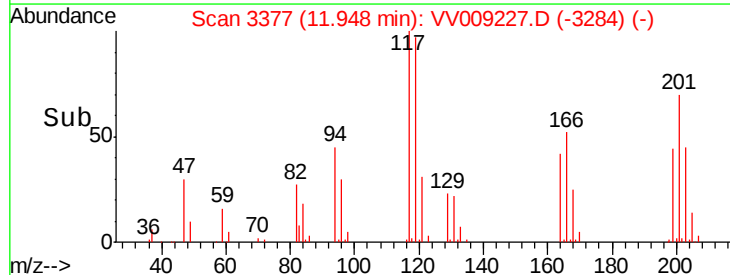
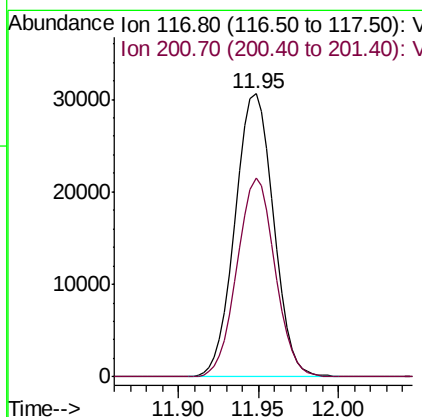
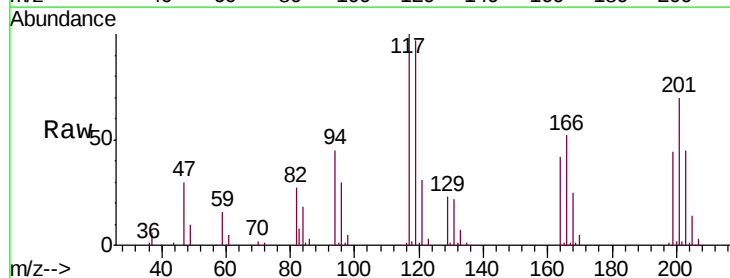
Instrument :
MSVOA_V
ClientSampleId :
ICVVV011819

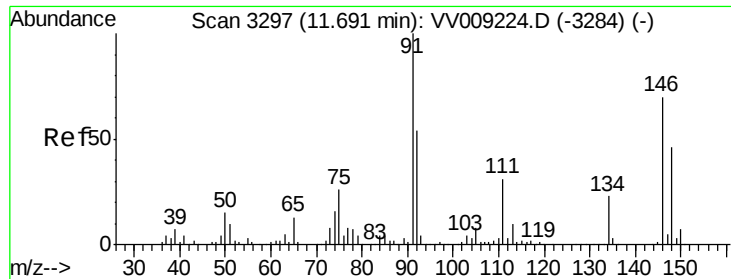
Tgt Ion: 91 Resp: 272007
Ion Ratio Lower Upper
91 100
92 54.3 26.8 80.3
134 25.0 12.4 37.0



#90
Hexachloroethane
Concen: 49.787 ug/l
RT: 11.95 min Scan# 3377
Delta R.T. -0.00 min
Lab File: VV009227.D
Acq: 18 Jan 2019 18:17

Tgt Ion: 117 Resp: 50264
Ion Ratio Lower Upper
117 100
201 69.0 34.4 103.2

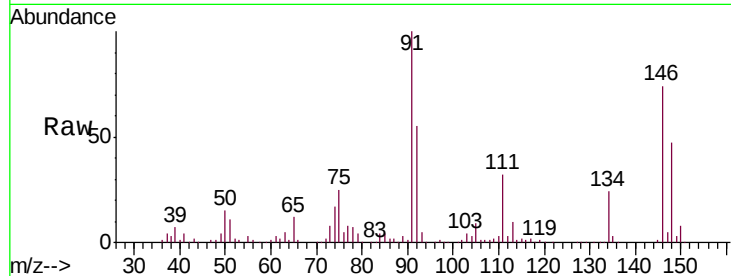




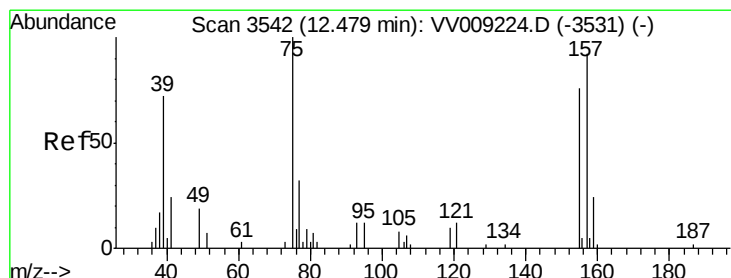
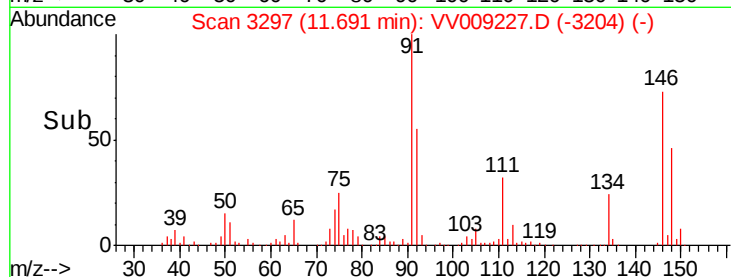
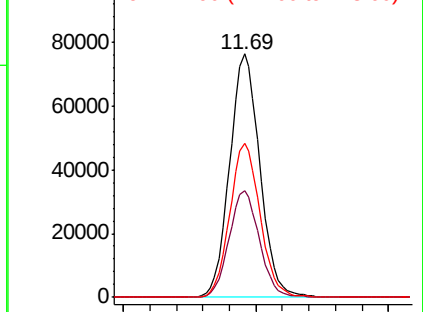
#91
 1,2-Dichlorobenzene
 Concen: 48.779 ug/l
 RT: 11.69 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV011819

Tgt Ion: 146 Resp: 120934
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.9 65.7
 148 63.3 31.8 95.3

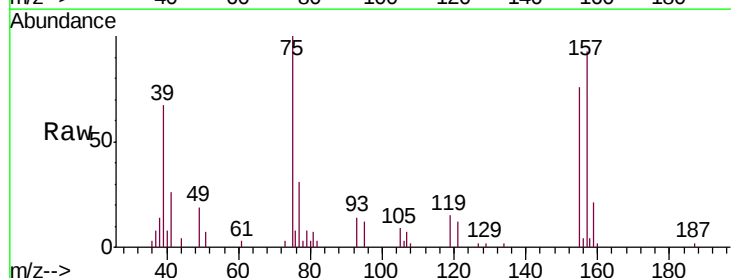


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

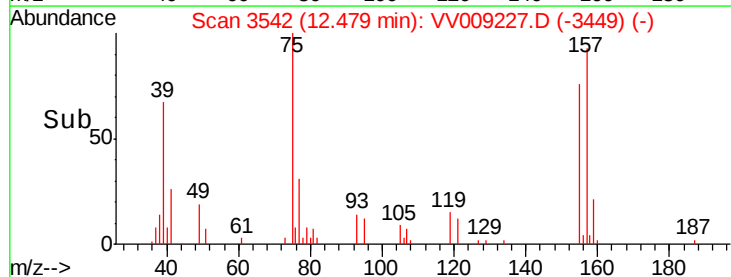
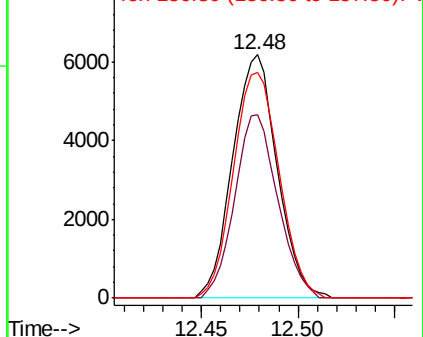


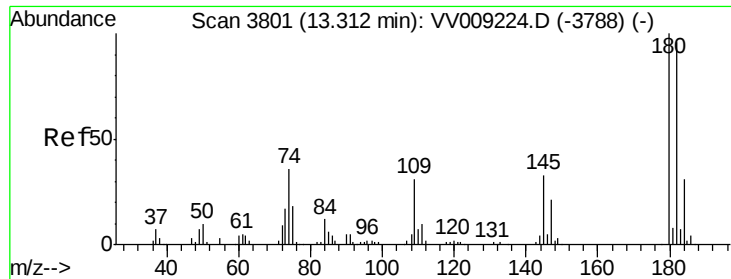
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.842 ug/l
 RT: 12.48 min Scan# 3542
 Delta R.T. -0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

Tgt Ion: 75 Resp: 9922
 Ion Ratio Lower Upper
 75 100
 155 72.6 36.4 109.1
 157 95.1 44.9 134.5



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

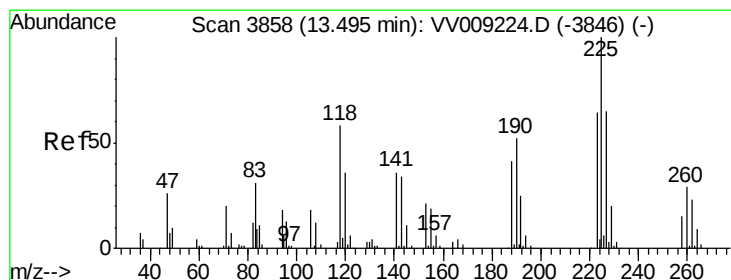
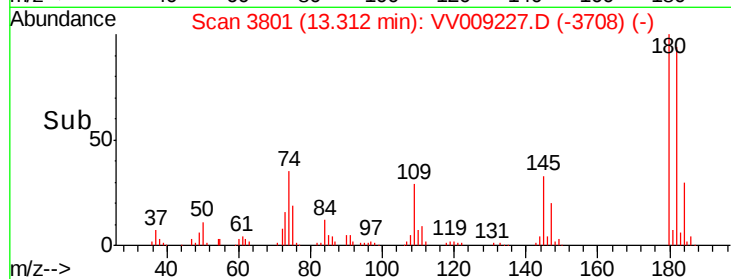
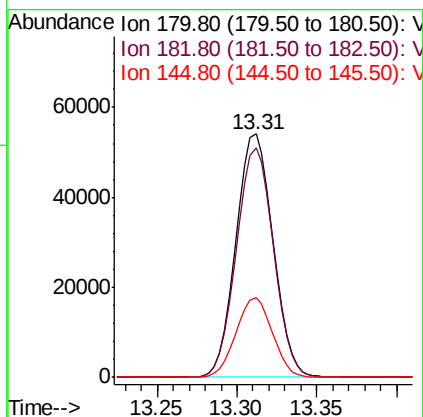
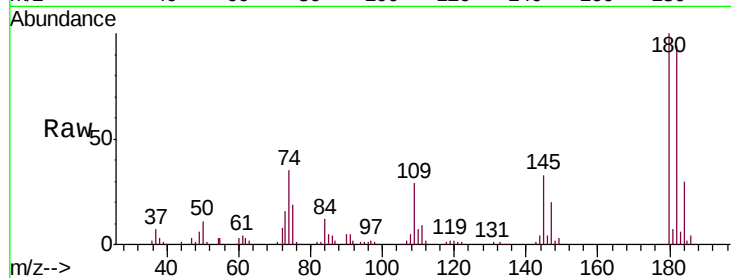




#93
 1,2,4-Trichlorobenzene
 Concen: 50.349 ug/l
 RT: 13.31 min Scan# 3801
 Delta R.T. -0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

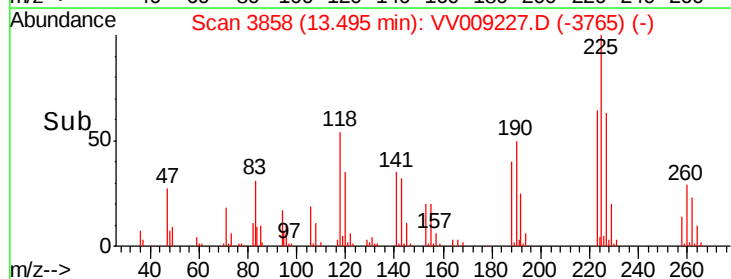
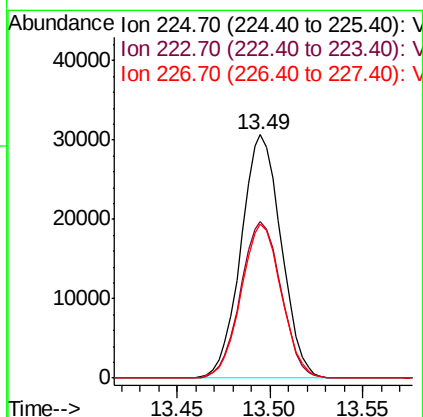
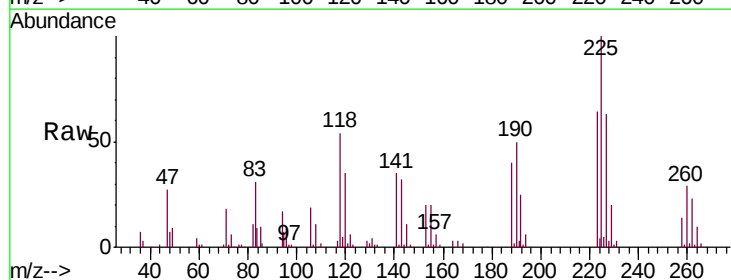
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV011819

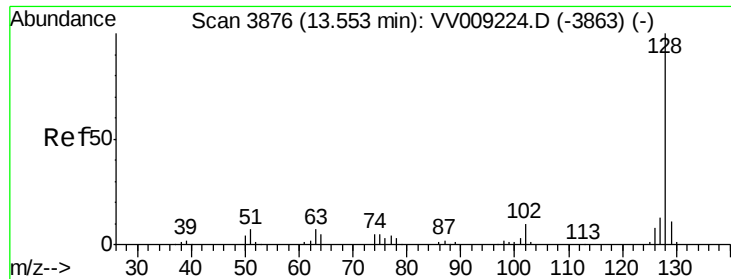
Tgt Ion:180 Resp: 85407
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.8 143.3
 145 32.1 16.7 50.0



#94
 Hexachlorobutadiene
 Concen: 48.410 ug/l
 RT: 13.49 min Scan# 3858
 Delta R.T. 0.00 min
 Lab File: VV009227.D
 Acq: 18 Jan 2019 18:17

Tgt Ion:225 Resp: 46098
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.5 94.5
 227 63.2 32.1 96.3

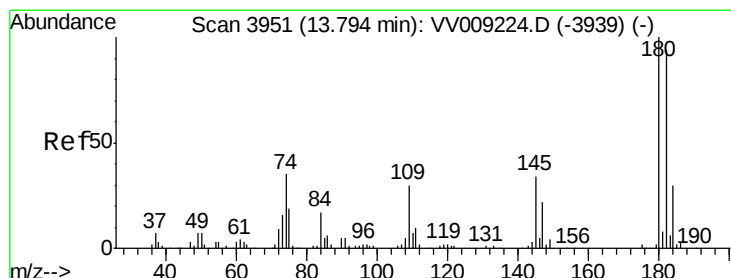
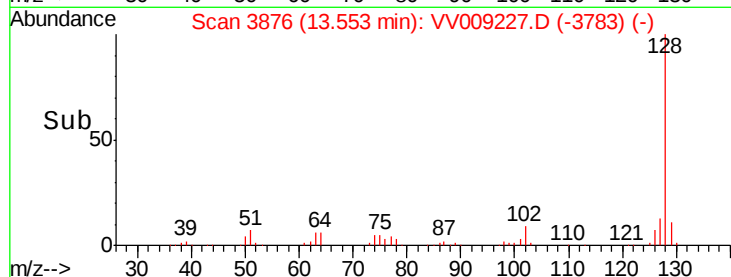
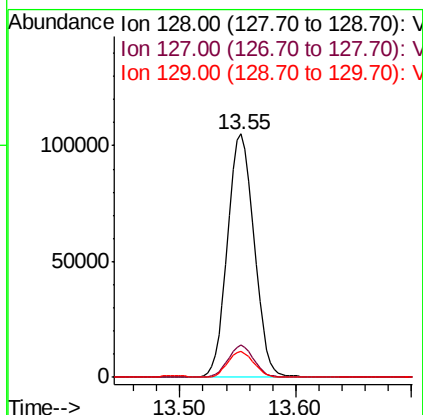
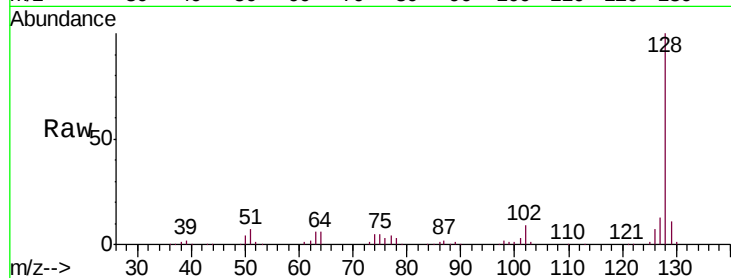




#95
Naphthalene
Concen: 55.718 ug/l
RT: 13.55 min Scan# 3876
Delta R.T. -0.00 min
Lab File: VV009227.D
Acq: 18 Jan 2019 18:17

Instrument :
MSVOA_V
ClientSampleId :
ICVV011819

Tgt Ion:128 Resp: 166907
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.575 ug/l
RT: 13.79 min Scan# 3951
Delta R.T. -0.00 min
Lab File: VV009227.D
Acq: 18 Jan 2019 18:17

Tgt Ion:180 Resp: 74784
Ion Ratio Lower Upper
180 100
182 94.4 46.7 140.1
145 34.1 17.0 51.0

