

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015269.D
 Acq On : 30 Mar 2020 12:39
 Operator : SY/MD
 Sample : VSTD05066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 30 13:30:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 13:18:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	655942	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	653937	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	314180	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	230469	48.19	ug/L	0.00
7) Chloroethane-d5	1.58	69	217372	48.84	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	505725	49.03	ug/L	0.00
21) 2-Butanone-d5	3.94	46	321244	102.65	ug/L	0.00
24) Chloroform-d	4.38	84	424023	49.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	273493	48.66	ug/L	0.00
32) Benzene-d6	5.08	84	812652	47.61	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	256290	48.01	ug/L	0.00
41) Toluene-d8	7.34	98	802986	48.62	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	138056	47.49	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	250877	100.17	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	386958	49.12	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	296503	47.41	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	230941	50.045	ug/L	100
3) Chloromethane	1.25	50	268810	51.294	ug/L	100
5) Vinyl chloride	1.32	62	275499	49.831	ug/L	100
6) Bromomethane	1.53	94	188748	51.034	ug/L	100
8) Chloroethane	1.60	64	182978	47.994	ug/L	100
9) Trichlorofluoromethane	1.77	101	458680	49.081	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	250430	49.973	ug/L	100
12) 1,1-Dichloroethene	2.13	96	241103	49.699	ug/L	100
13) Acetone	2.22	43	202006	95.757	ug/L	100
14) Carbon disulfide	2.31	76	572633	48.506	ug/L	100
15) Methyl Acetate	2.46	43	222543	51.927	ug/L	100
16) Methylene chloride	2.52	84	229428	50.549	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	196075	48.231	ug/L	100
18) Methyl tert-butyl Ether	2.79	73	707235	51.094	ug/L	100
19) 1,1-Dichloroethane	3.21	63	384197	50.690	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	226425	49.547	ug/L	100
22) 2-Butanone	4.02	43	329476	102.656	ug/L	100
23) Bromochloromethane	4.28	128	114144	50.700	ug/L	100
25) Chloroform	4.41	83	405769	50.141	ug/L	100
27) 1,2-Dichloroethane	5.16	62	329368	51.172	ug/L	100
29) Cyclohexane	4.70	56	341492	49.271	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	372292	50.211	ug/L	100
31) Carbon tetrachloride	4.86	117	312035	49.677	ug/L	100
33) Benzene	5.13	78	876506	50.631	ug/L	100
34) Trichloroethene	5.94	95	225538	48.564	ug/L	100
35) Methylcyclohexane	6.15	83	363192	49.860	ug/L	100
37) 1,2-Dichloropropane	6.20	63	223928	50.854	ug/L	100
38) Bromodichloromethane	6.53	83	320657	50.639	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	380195	51.125	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	663819	101.390	ug/L	100

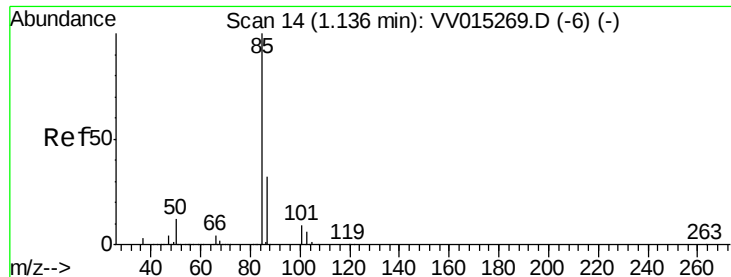
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015269.D
 Acq On : 30 Mar 2020 12:39
 Operator : SY/MD
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Quant Time: Mar 30 13:30:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 13:18:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	1001468	51.532	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	371648	50.862	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	226427	51.043	ug/L	100
46) Tetrachloroethene	8.00	164	151725	49.373	ug/L	100
48) 2-Hexanone	8.16	43	525944	104.714	ug/L	100
49) Dibromochloromethane	8.27	129	249600	51.483	ug/L	100
50) 1,2-Dibromoethane	8.37	107	244435	50.714	ug/L	100
51) Chlorobenzene	8.90	112	635714	50.262	ug/L	100
52) Ethylbenzene	9.03	91	1113258	50.799	ug/L	100
53) m,p-Xylene	9.16	106	431175	51.582	ug/L	100
54) o-xylene	9.57	106	427301	51.386	ug/L	100
55) Styrene	9.58	104	732075	51.591	ug/L	100
56) Isopropylbenzene	9.95	105	1121926	51.254	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	381839	51.866	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	314083	51.553	ug/L	100
61) Bromoform	9.75	173	158686	50.645	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	473631	49.430	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	473854	48.450	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	478719	49.509	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	105818	49.740	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	303329	49.600	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	284899	49.030	ug/L	100
69) Naphthalene	13.53	128	1154712	49.851	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	290440	49.803	ug/L	100

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



#2

Dichlorodifluoromethane

Concen: 50.045 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

Instrument :

MSVOA_V

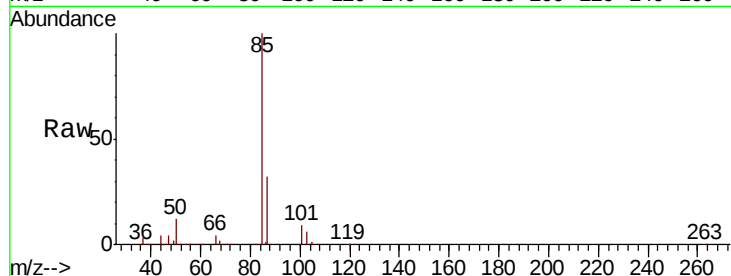
ClientSampleId :

Tot Ion: 85 Resp: 230941

Ion Ratio Lower Upper

85 100

87 31.4 25.1 37.7



Abundance Ion 85.00 (84.70 to 85.70): VV015269.D (-6) (-)

Ion 87.00 (86.70 to 87.70): VV015269.D (-6) (-)

1.14

250000

200000

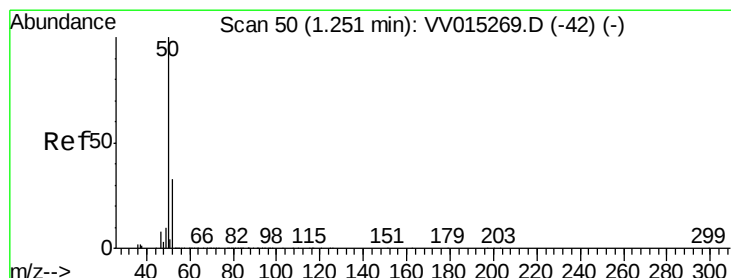
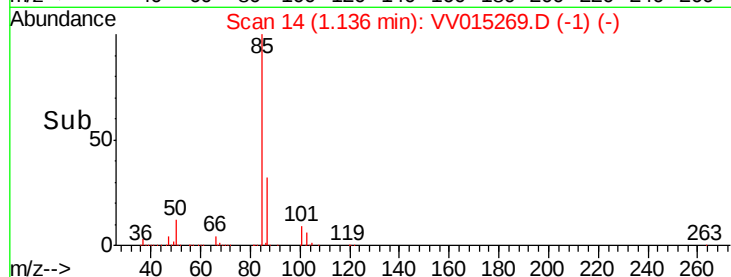
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 51.294 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV015269.D

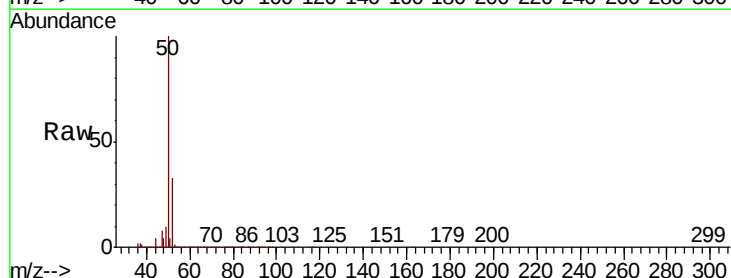
Acq: 30 Mar 2020 12:39

Tgt Ion: 50 Resp: 268810

Ion Ratio Lower Upper

50 100

52 32.5 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VV015269.D (-42) (-)

Ion 52.00 (51.70 to 52.70): VV015269.D (-42) (-)

1.25

300000

250000

200000

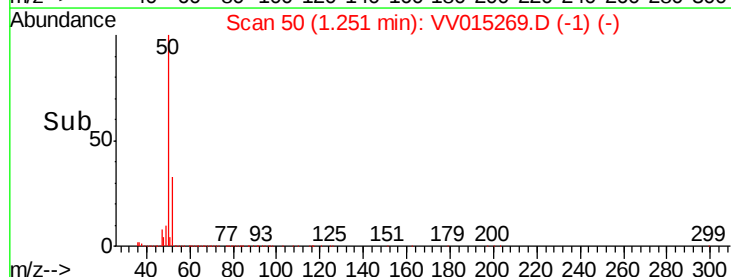
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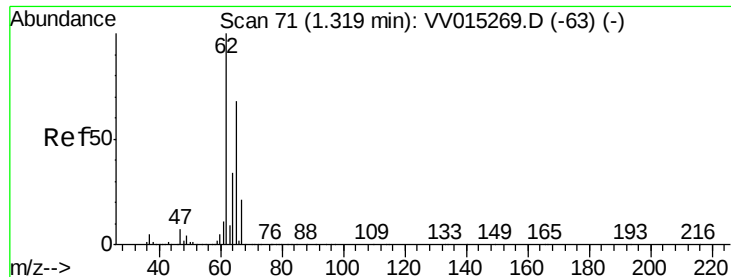
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 49.831 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

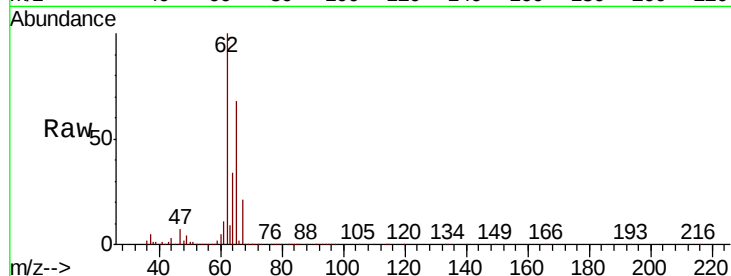
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 275499

Ion Ratio Lower Upper

62 100

64 34.1 23.9 44.3



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

250000

200000

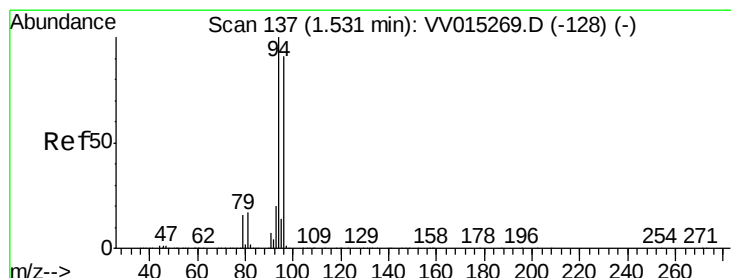
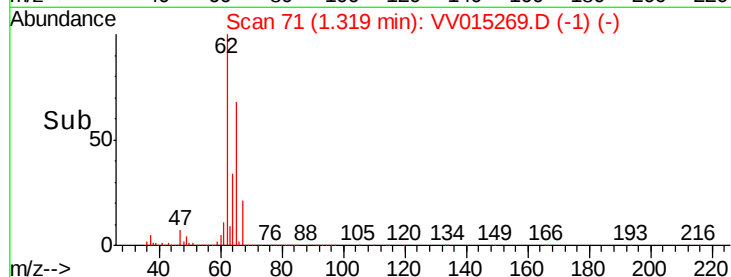
150000

100000

50000

0

Time-->



#6

Bromomethane

Concen: 51.034 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: VV015269.D

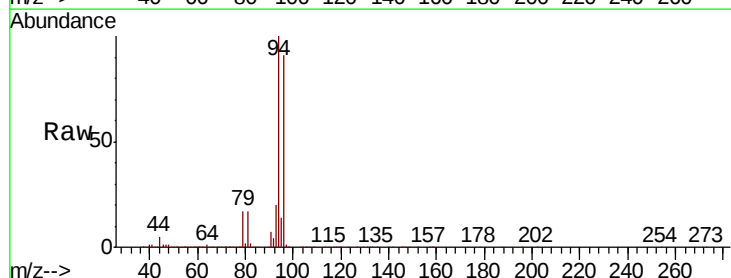
Acq: 30 Mar 2020 12:39

Tgt Ion: 94 Resp: 188748

Ion Ratio Lower Upper

94 100

96 91.0 63.7 118.3



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

1.53

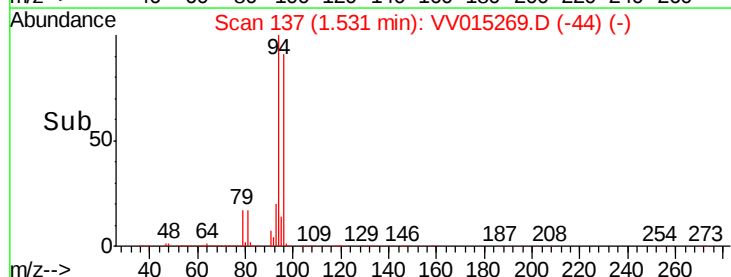
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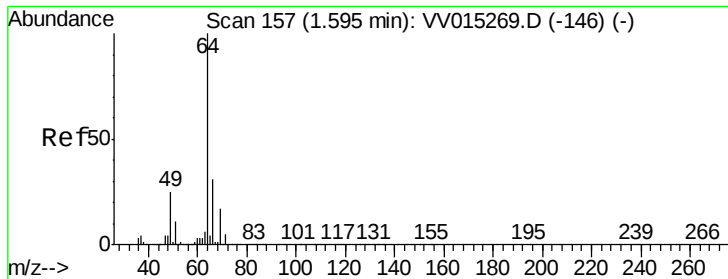
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Time-->

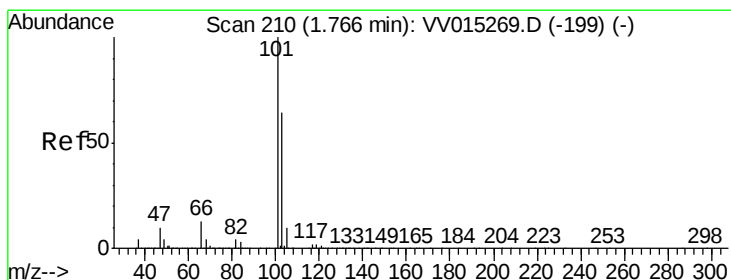
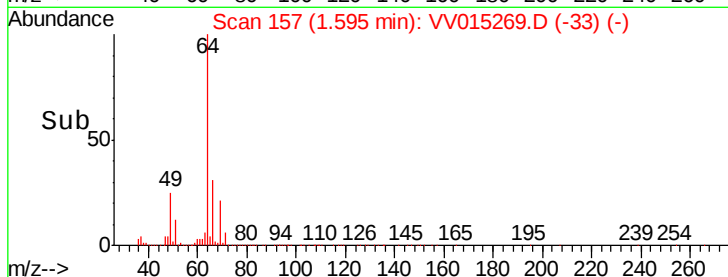
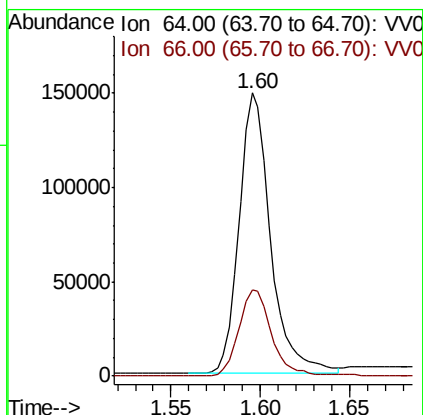
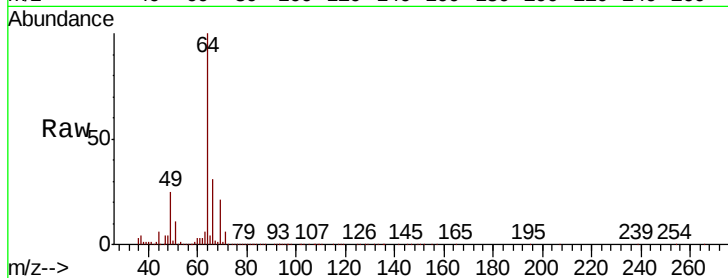




#8
Chloroethane
Concen: 47.994 ug/L
RT: 1.60 min Scan# 157
Delta R.T. 0.00 min
Lab File: VV015269.D
Acq: 30 Mar 2020 12:39

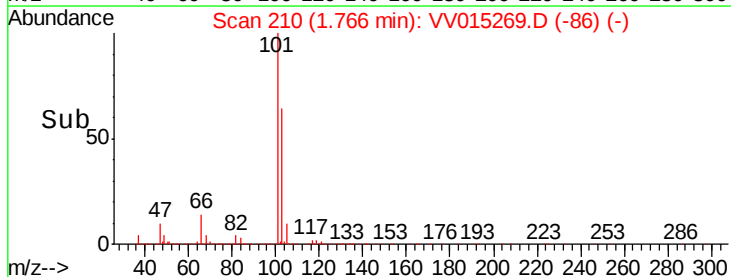
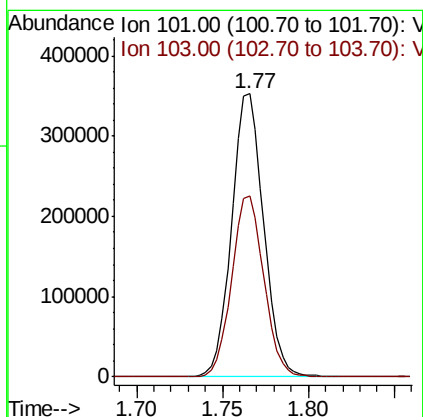
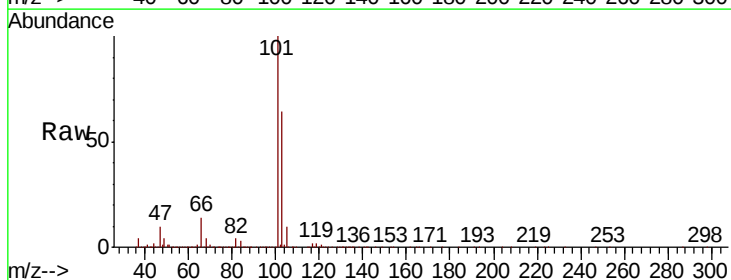
Instrument :
MSVOA_V
ClientSampleId :

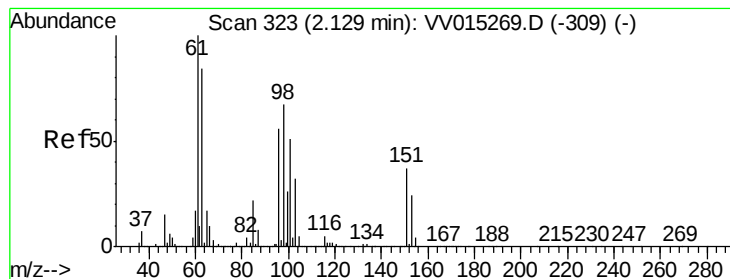
Tot Ion: 64 Resp: 182978
Ion Ratio Lower Upper
64 100
66 30.7 21.5 39.9



#9
Trichlorofluoromethane
Concen: 49.081 ug/L
RT: 1.77 min Scan# 210
Delta R.T. 0.00 min
Lab File: VV015269.D
Acq: 30 Mar 2020 12:39

Tgt Ion: 101 Resp: 458680
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 49.973 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

Instrument :

MSVOA_V

ClientSampleId :

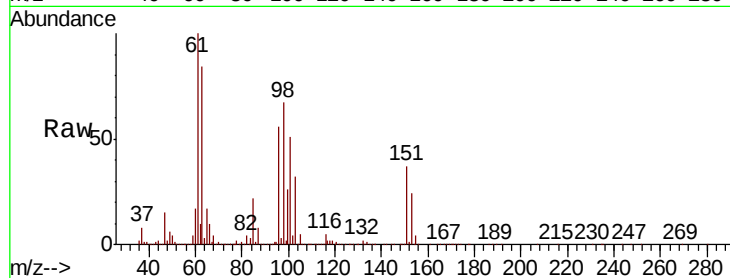
Tot Ion:101 Resp: 250430

Ion Ratio Lower Upper

101 100

85 43.8 35.0 52.6

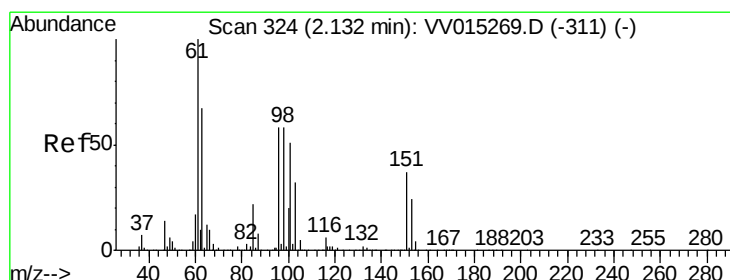
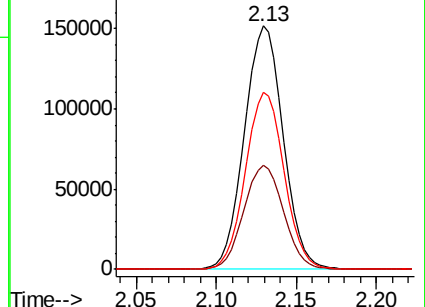
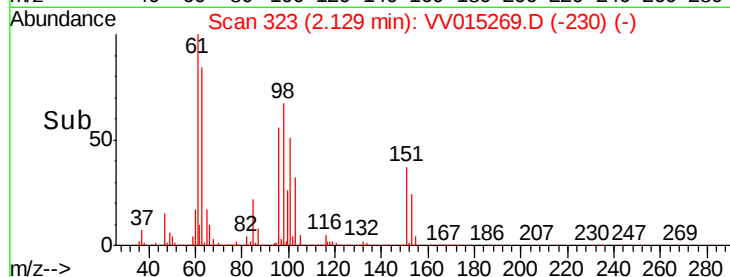
151 72.8 58.2 87.4



Abundance Ion 101.00 (100.70 to 101.70): VV015269.D (-309) (-)

Ion 85.00 (84.70 to 85.70): VV015269.D (-309) (-)

Ion 151.00 (150.70 to 151.70): VV015269.D (-309) (-)



#12

1,1-Dichloroethene

Concen: 49.699 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

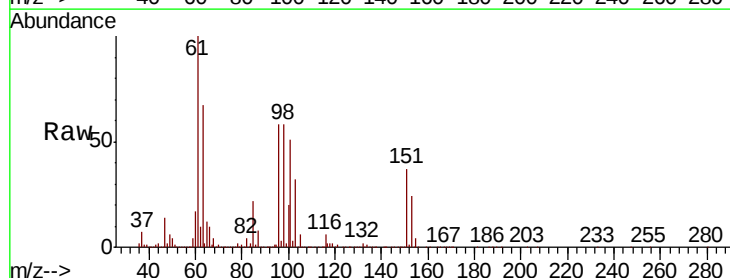
Tgt Ion: 96 Resp: 241103

Ion Ratio Lower Upper

96 100

61 172.7 120.9 224.5

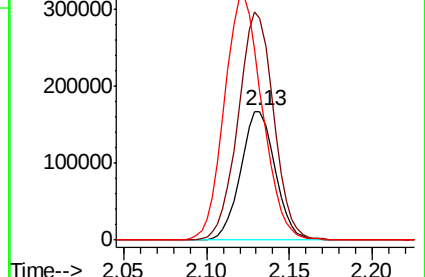
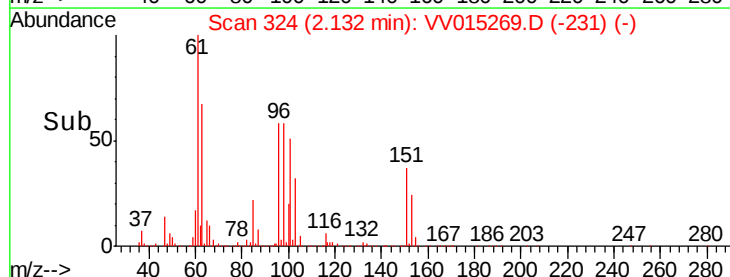
63 116.0 81.2 150.8

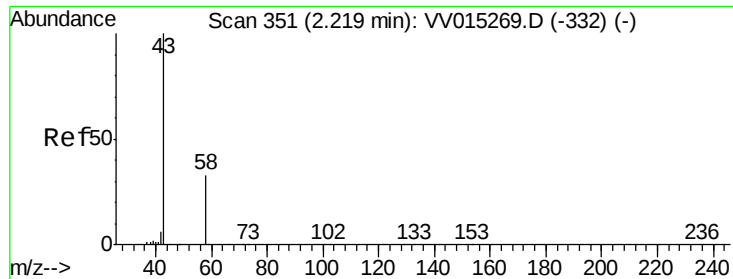


Abundance Ion 96.00 (95.70 to 96.70): VV015269.D (-311) (-)

Ion 61.00 (60.70 to 61.70): VV015269.D (-311) (-)

Ion 63.00 (62.70 to 63.70): VV015269.D (-311) (-)

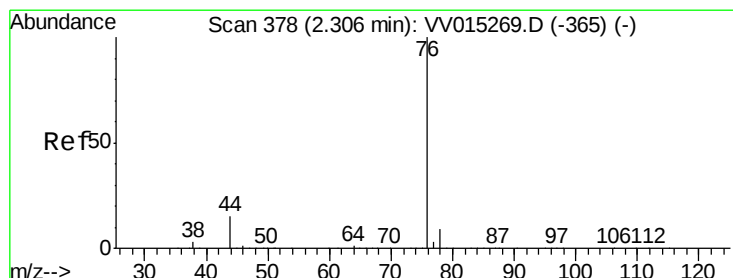
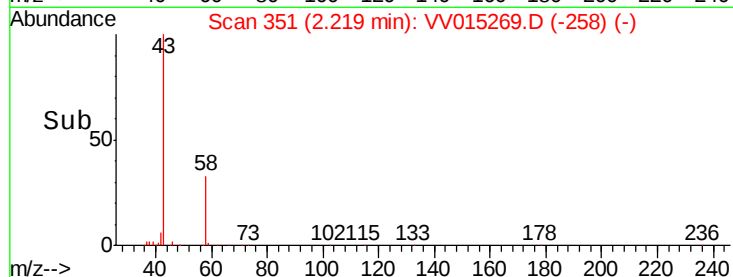
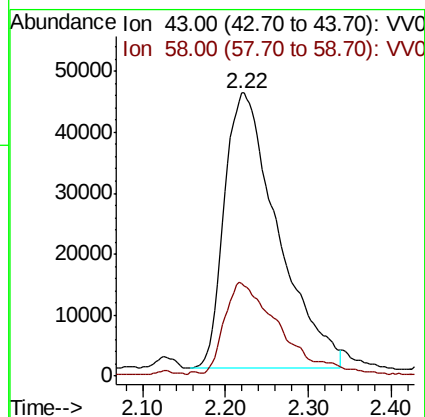
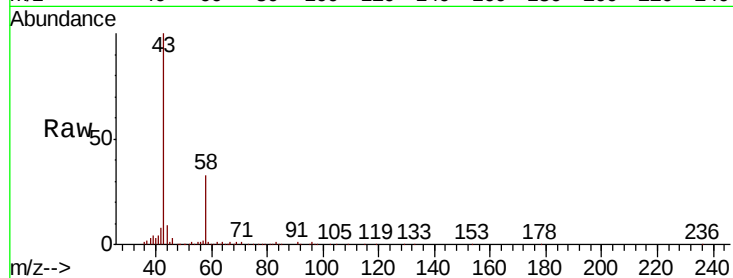




#13
Acetone
Concen: 95.757 ug/L
RT: 2.22 min Scan# 351
Delta R.T. 0.00 min
Lab File: VV015269.D
Acq: 30 Mar 2020 12:39

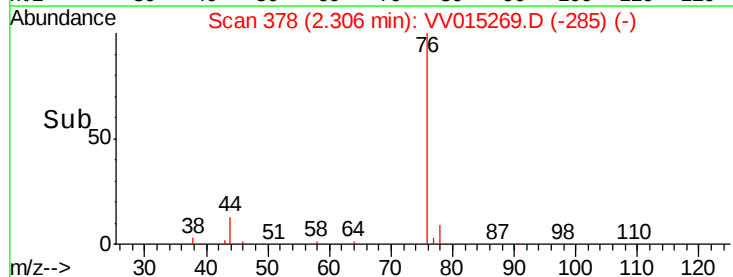
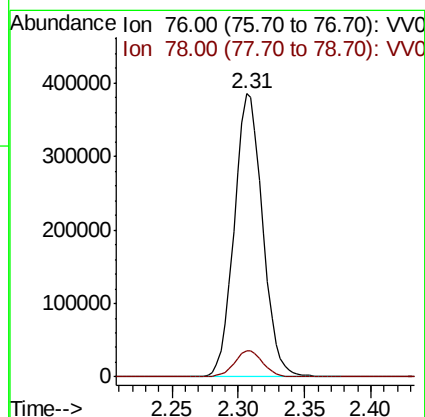
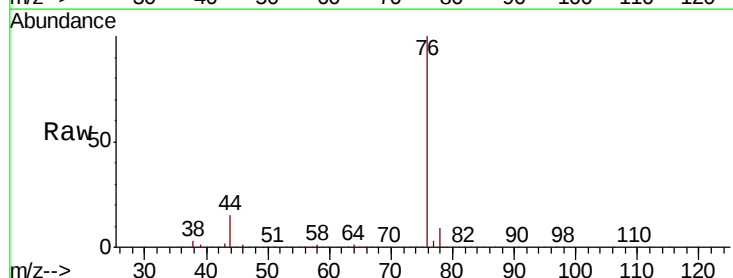
Instrument :
MSVOA_V
ClientSampleId :

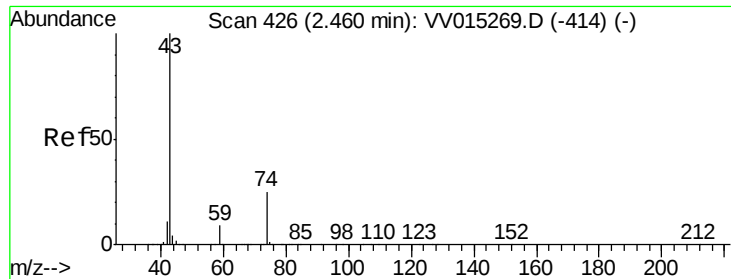
Tot Ion: 43 Resp: 202006
Ion Ratio Lower Upper
43 100
58 31.8 0.0 63.6



#14
Carbon disulfide
Concen: 48.506 ug/L
RT: 2.31 min Scan# 378
Delta R.T. 0.00 min
Lab File: VV015269.D
Acq: 30 Mar 2020 12:39

Tgt Ion: 76 Resp: 572633
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

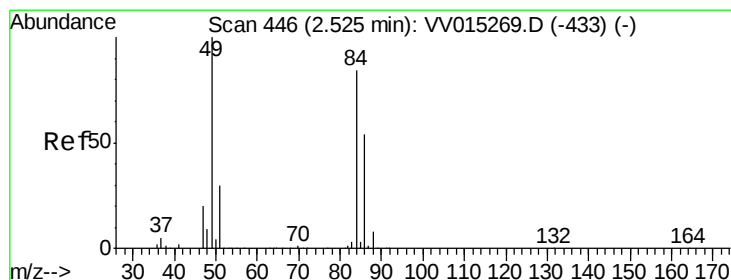
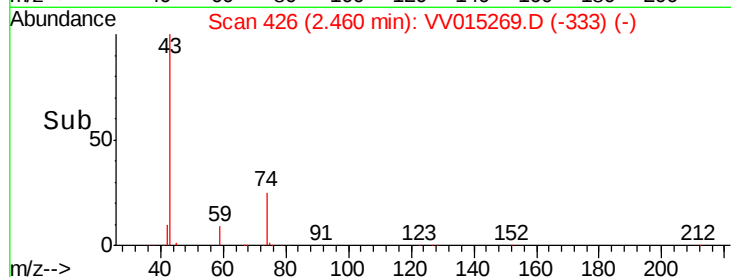
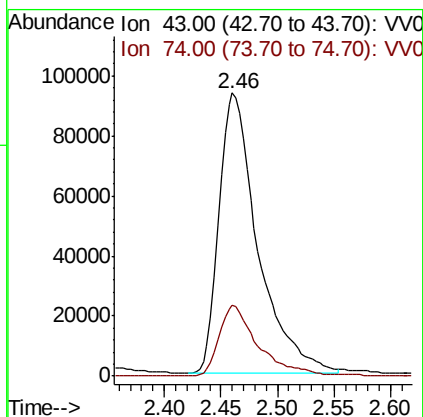
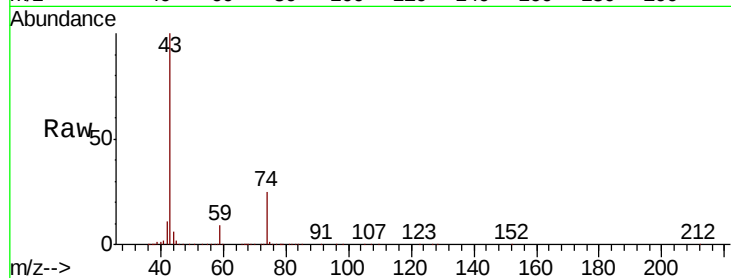




#15
Methvl Acetate
Concen: 51.927 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.00 min
Lab File: VV015269.D
Acq: 30 Mar 2020 12:39

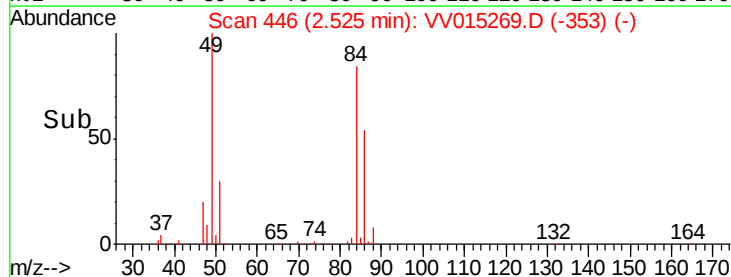
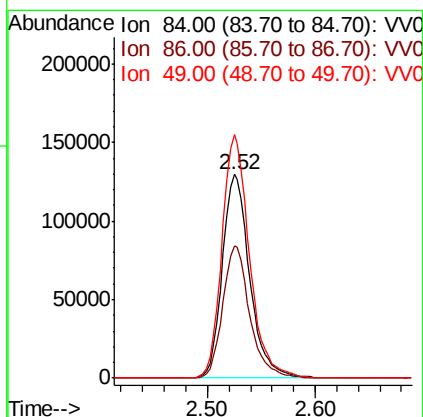
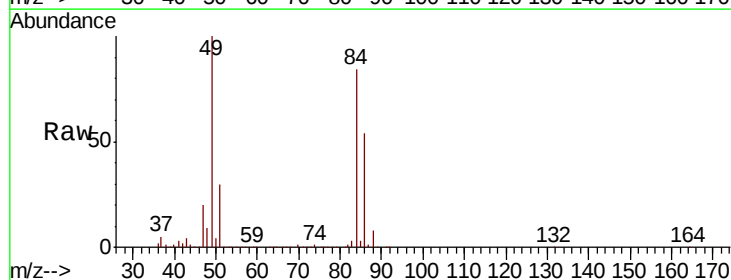
Instrument :
MSVOA_V
ClientSampled :

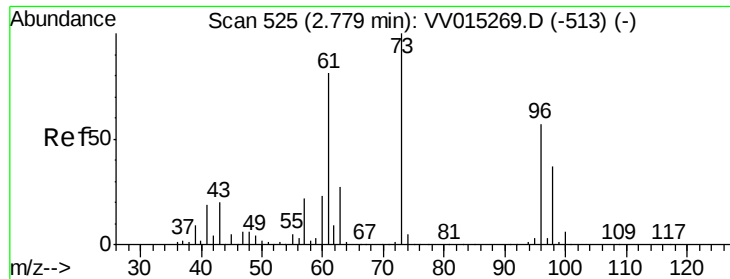
Tot Ion: 43 Resp: 222543
Ion Ratio Lower Upper
43 100
74 25.4 20.3 30.5



#16
Methylene chloride
Concen: 50.549 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV015269.D
Acq: 30 Mar 2020 12:39

Tgt Ion: 84 Resp: 229428
Ion Ratio Lower Upper
84 100
86 65.0 45.5 84.5
49 119.5 83.7 155.4





#17

trans-1,2-Dichloroethene

Concen: 48.231 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

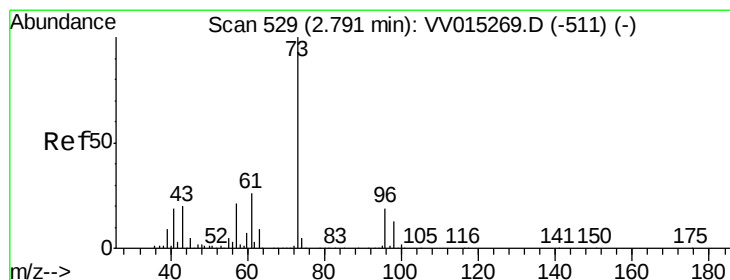
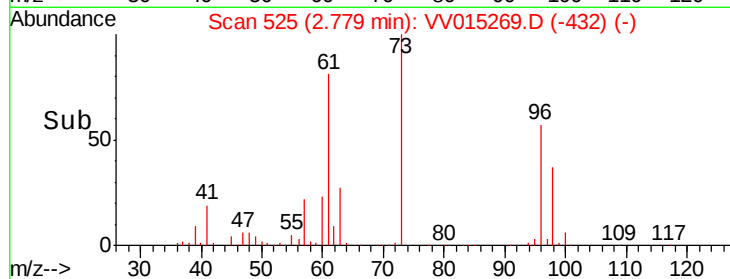
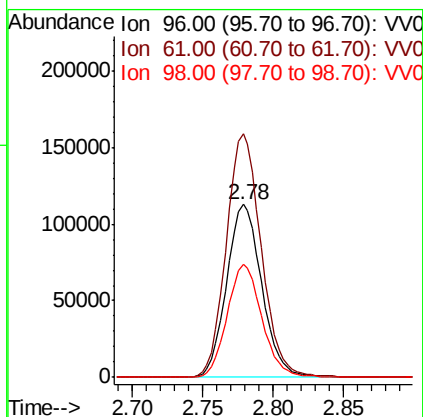
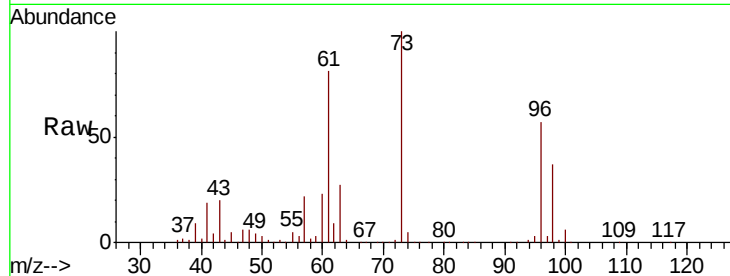
Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 196075

Ion	Ratio	Lower	Upper
96	100		
61	140.7	98.5	182.9
98	65.0	45.5	84.5



#18

Methyl tert-butyl Ether

Concen: 51.094 ug/L

RT: 2.79 min Scan# 529

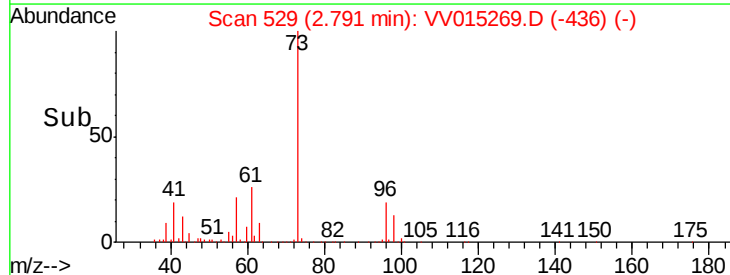
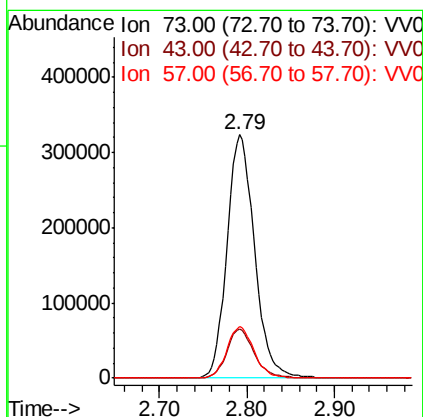
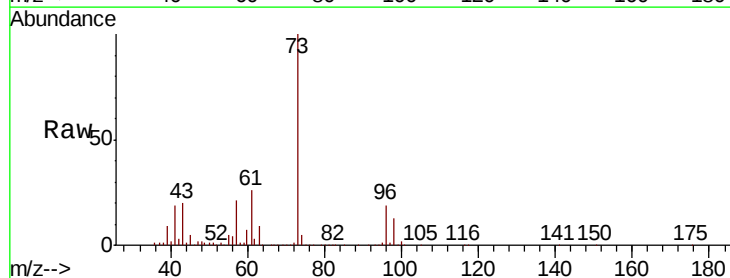
Delta R.T. 0.00 min

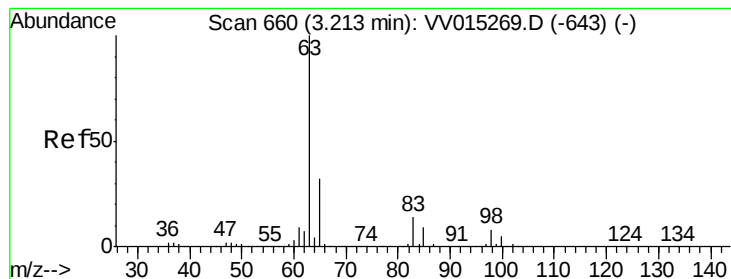
Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

Tgt Ion: 73 Resp: 707235

Ion	Ratio	Lower	Upper
73	100		
43	19.6	15.7	23.5
57	20.8	16.6	25.0





#19

1,1-Dichloroethane

Concen: 50.690 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

Instrument :

MSVOA_V

ClientSampled :

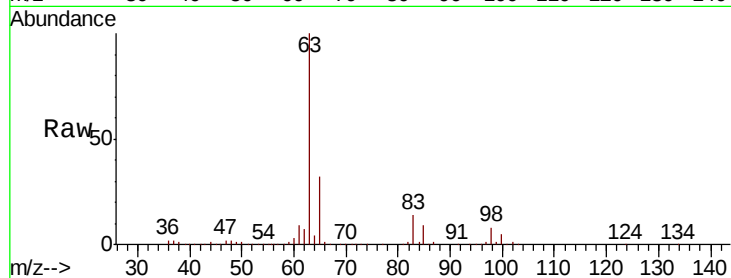
Tot Ion: 63 Resp: 384197

Ion Ratio Lower Upper

63 100

65 31.7 22.2 41.2

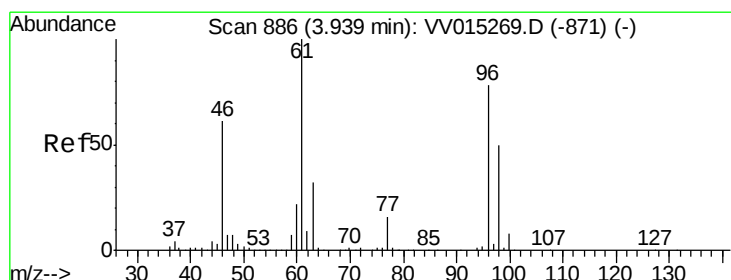
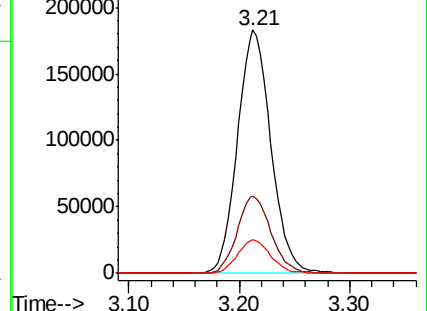
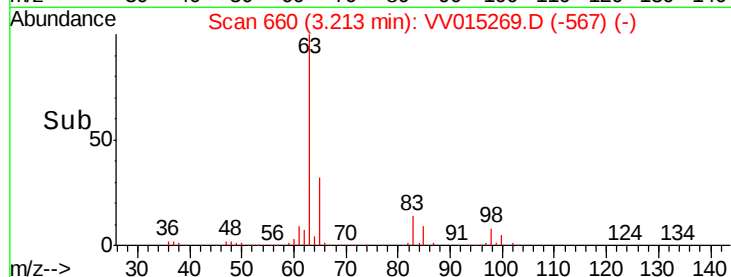
83 13.9 9.7 18.1



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 49.547 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

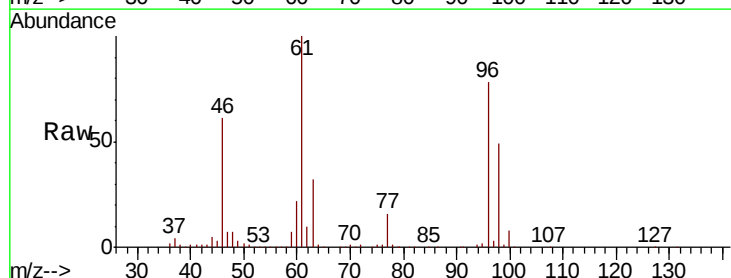
Tgt Ion: 96 Resp: 226425

Ion Ratio Lower Upper

96 100

61 128.9 90.2 167.6

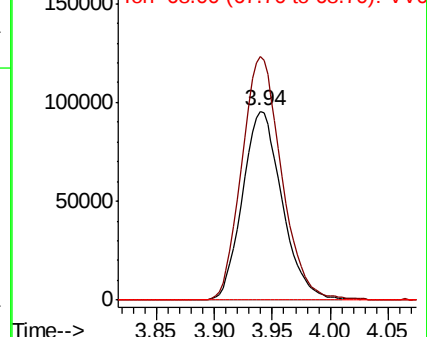
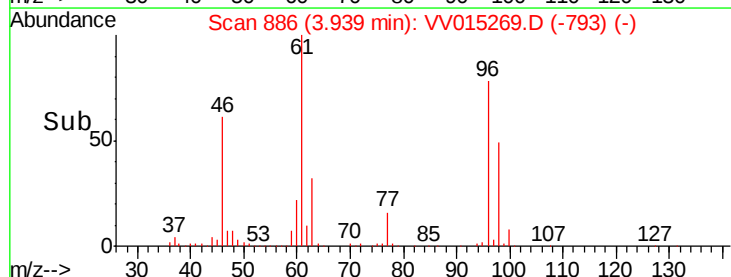
68 0.1 0.1 0.1

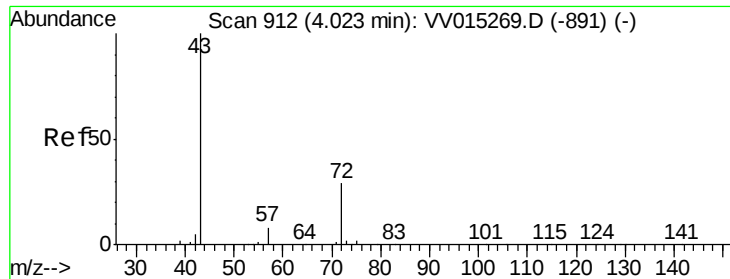


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 102.656 ug/L

RT: 4.02 min Scan# 912

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

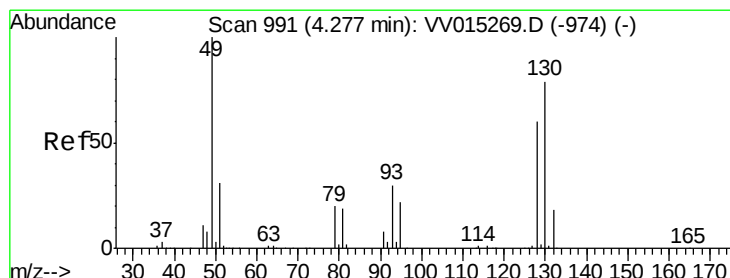
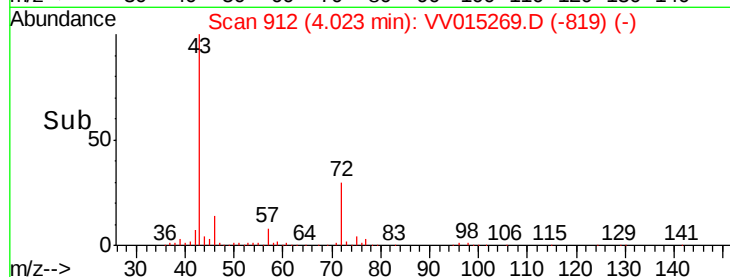
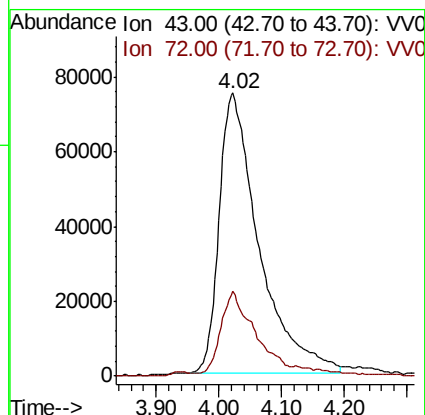
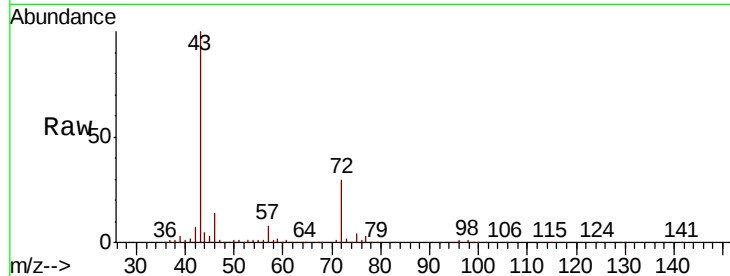
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 329476

Ion Ratio Lower Upper

43 100

72 24.7 12.4 37.0



#23

Bromochloromethane

Concen: 50.700 ug/L

RT: 4.28 min Scan# 991

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

Tgt Ion:128 Resp: 114144

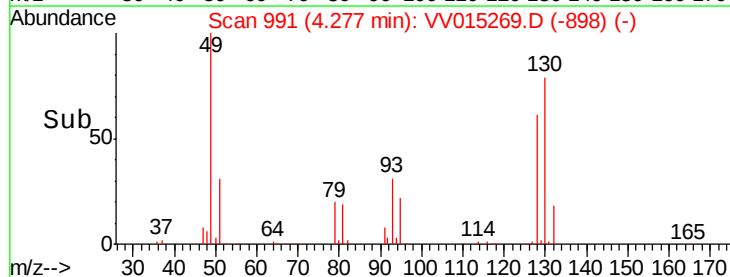
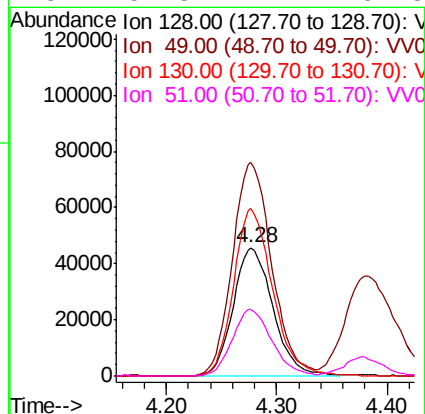
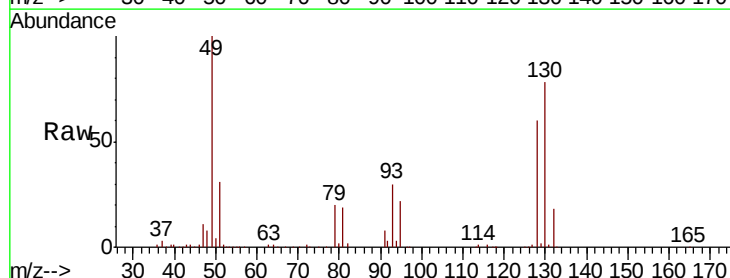
Ion Ratio Lower Upper

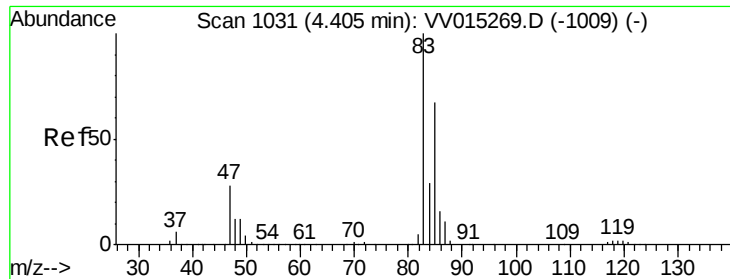
128 100

49 166.2 116.3 216.1

130 130.2 91.1 169.3

51 51.5 41.2 61.8

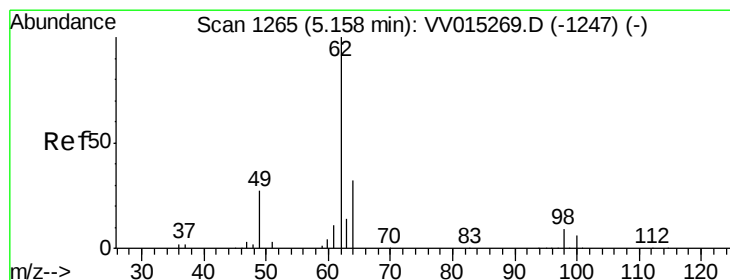
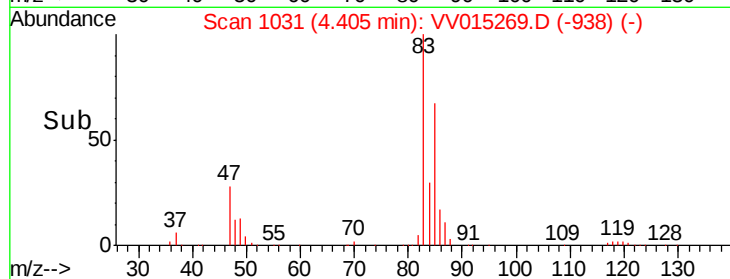
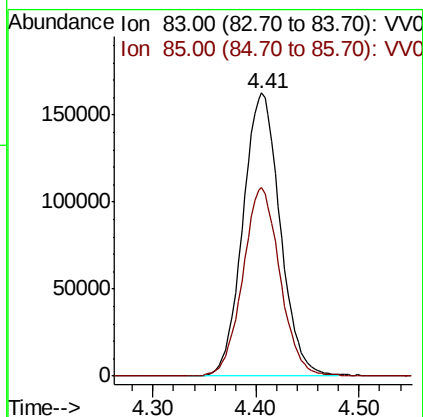
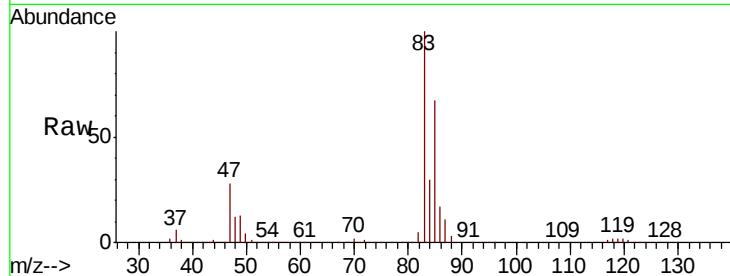




#25
Chloroform
Concen: 50.141 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015269.D
Acq: 30 Mar 2020 12:39

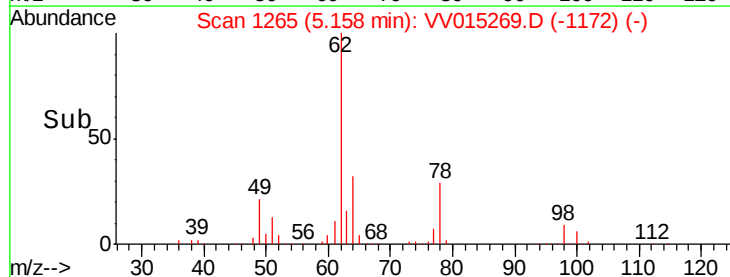
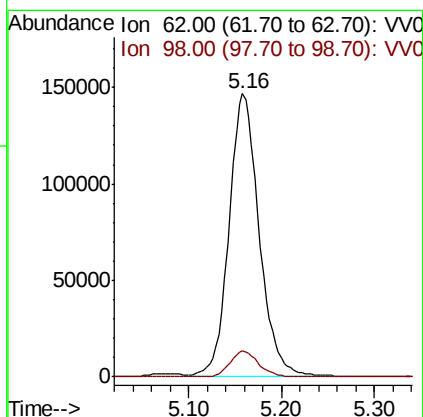
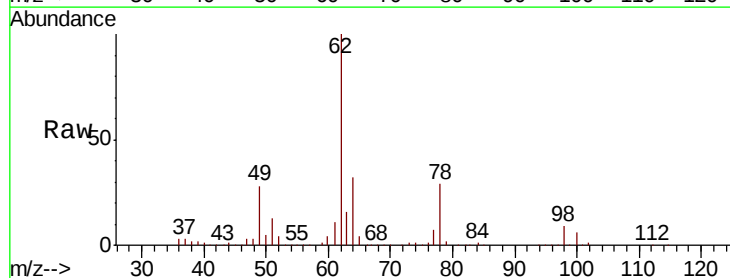
Instrument :
MSVOA_V
ClientSampleId :

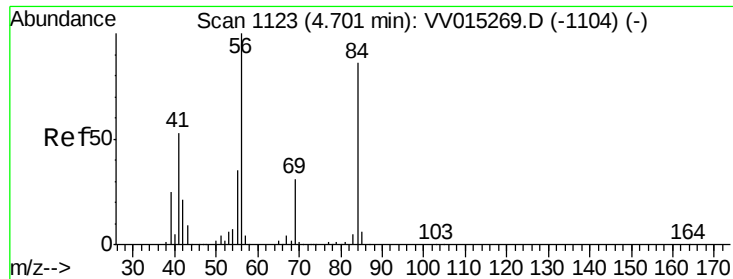
Tot Ion: 83 Resp: 405769
Ion Ratio Lower Upper
83 100
85 66.6 46.6 86.6



#27
1,2-Dichloroethane
Concen: 51.172 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VV015269.D
Acq: 30 Mar 2020 12:39

Tgt Ion: 62 Resp: 329368
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0

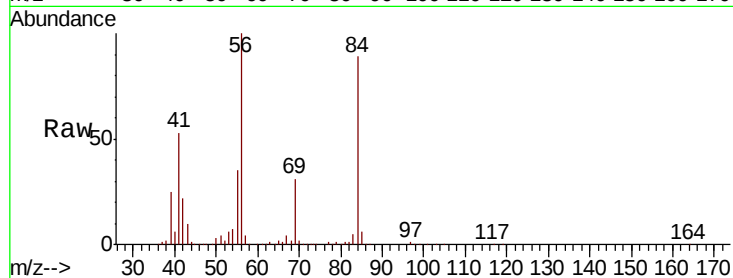




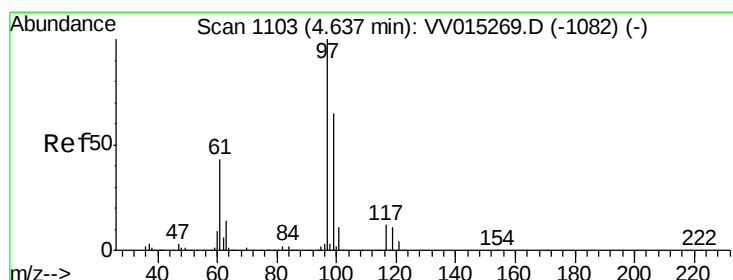
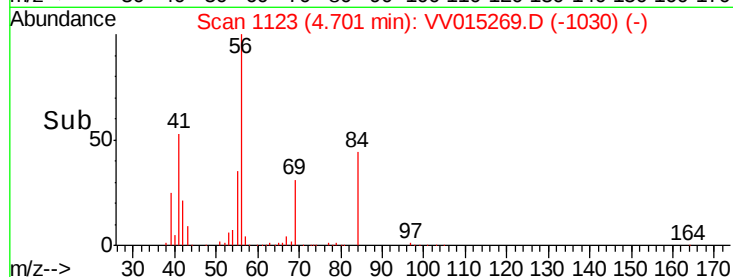
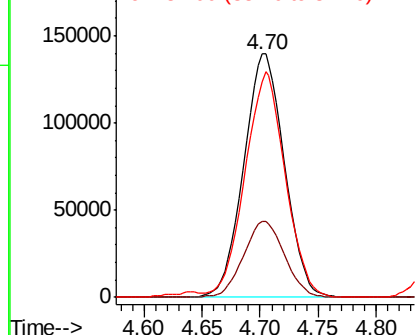
#29
Cyclohexane
Concen: 49.271 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VV015269.D
Acq: 30 Mar 2020 12:39

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 56 Resp: 341492
Ion Ratio Lower Upper
56 100
69 31.6 25.3 37.9
84 90.9 72.7 109.1

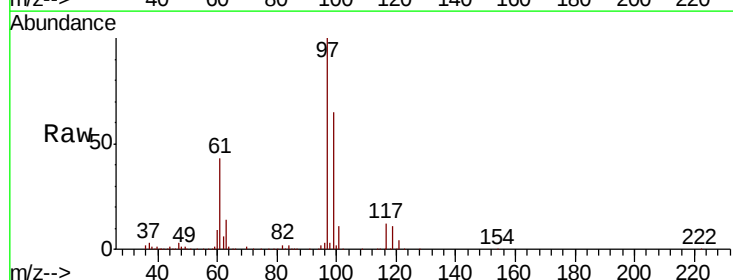


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

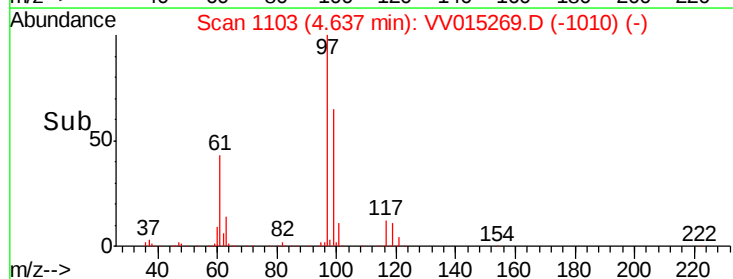
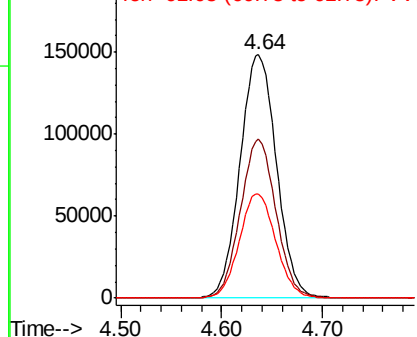


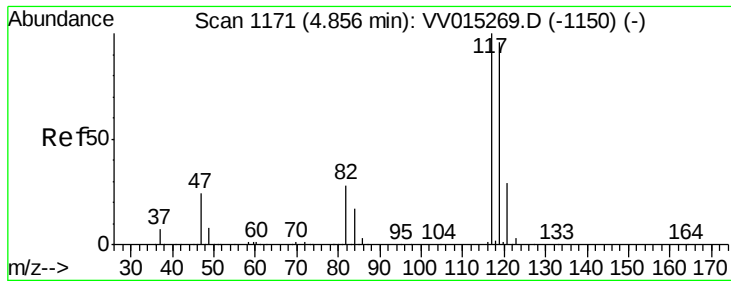
#30
1,1,1-Trichloroethane
Concen: 50.211 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV015269.D
Acq: 30 Mar 2020 12:39

Tgt Ion: 97 Resp: 372292
Ion Ratio Lower Upper
97 100
99 63.6 50.9 76.3
61 42.9 34.3 51.5



Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 61.05 (60.75 to 61.75): VV0





#31

Carbon tetrachloride

Concen: 49.677 ug/L

RT: 4.86 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

Instrument :

MSVOA_V

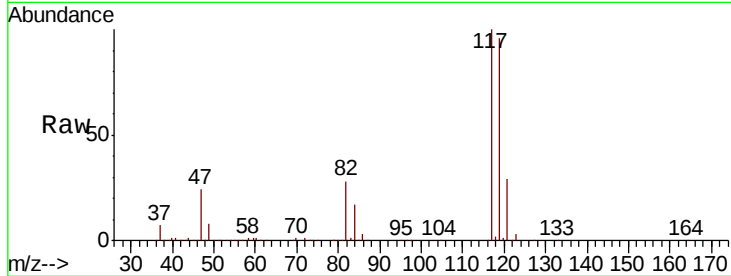
ClientSampled :

Tot Ion:117 Resp: 312035

Ion Ratio Lower Upper

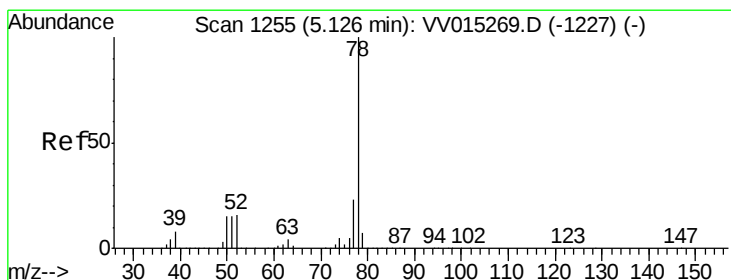
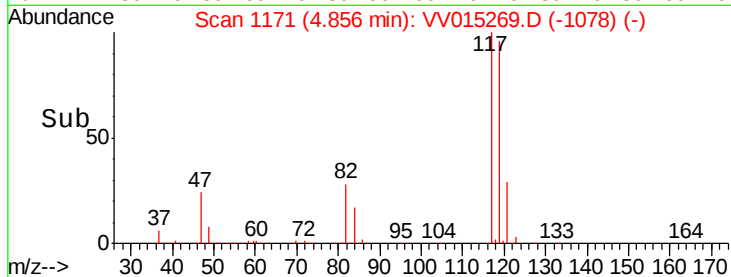
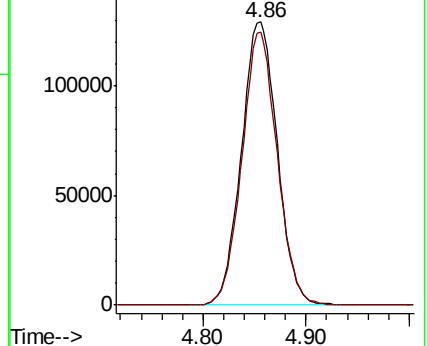
117 100

119 94.8 75.8 113.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 50.631 ug/L

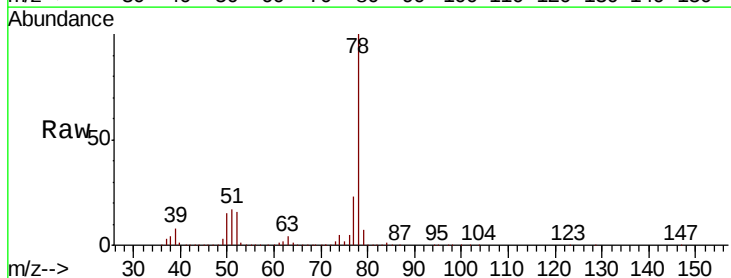
RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

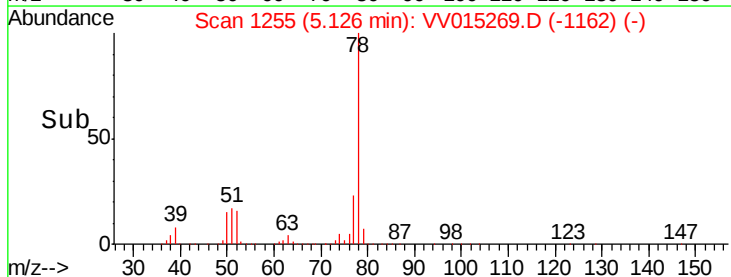
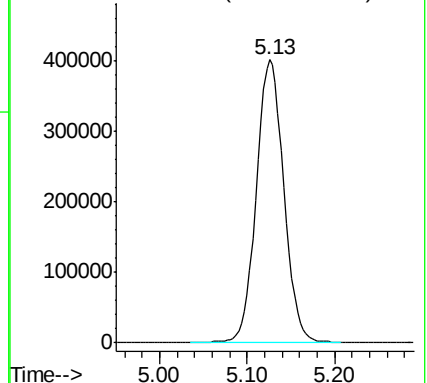
Lab File: VV015269.D

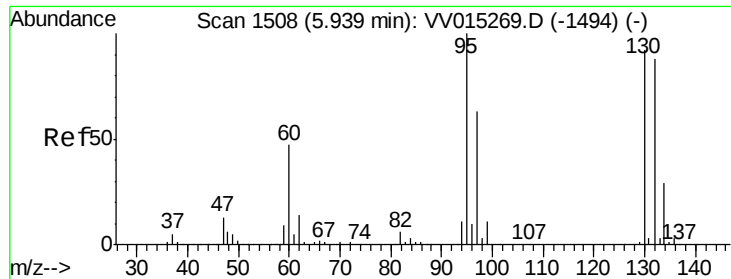
Acq: 30 Mar 2020 12:39

Tgt Ion: 78 Resp: 876506



Abundance Ion 78.00 (77.70 to 78.70): VV0

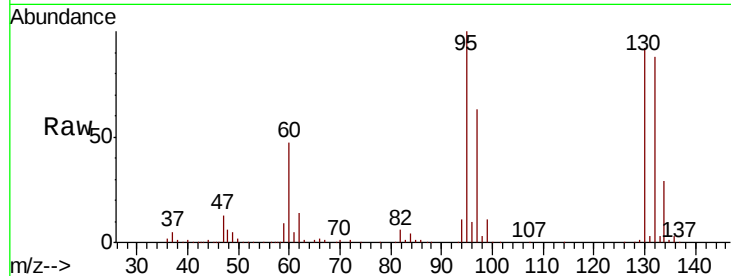




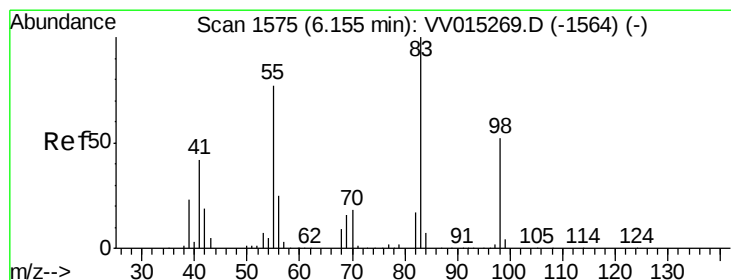
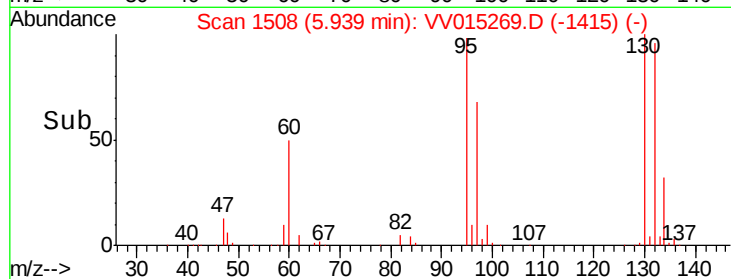
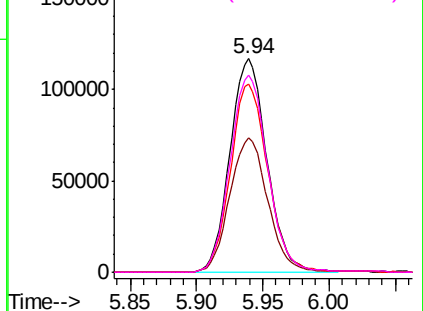
#34
 Trichloroethene
 Concen: 48.564 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV015269.D
 Acq: 30 Mar 2020 12:39

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	95	Resp:	225538
Ion	Ratio	Lower	Upper
95	100		
97	62.8	44.0	81.6
132	88.3	61.8	114.8
130	92.2	64.5	119.9

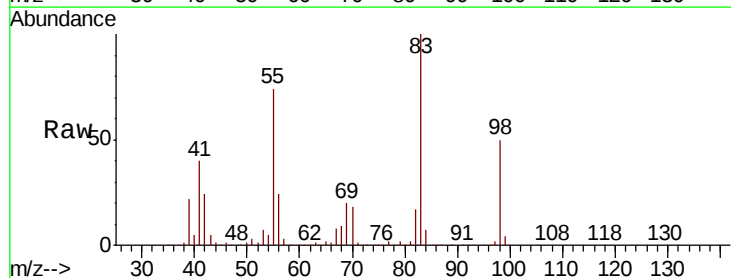


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

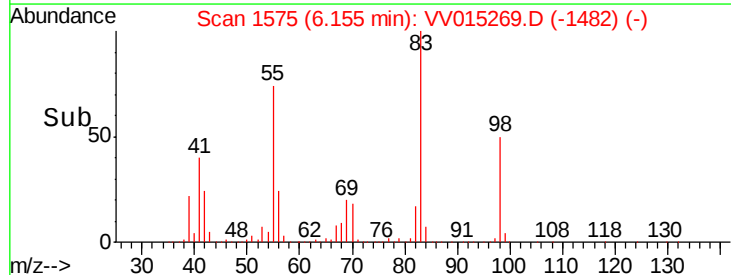
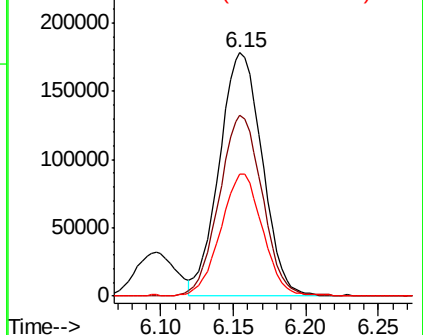


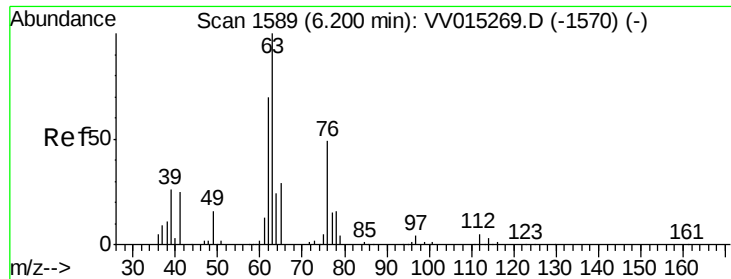
#35
 Methylcyclohexane
 Concen: 49.860 ug/L
 RT: 6.15 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VV015269.D
 Acq: 30 Mar 2020 12:39

Tgt Ion:	83	Resp:	363192
Ion	Ratio	Lower	Upper
83	100		
55	74.3	59.4	89.2
98	48.3	38.6	58.0



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

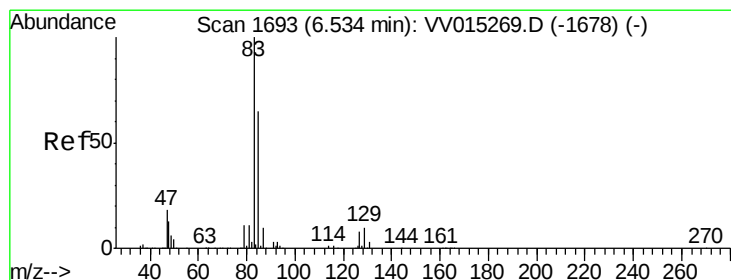
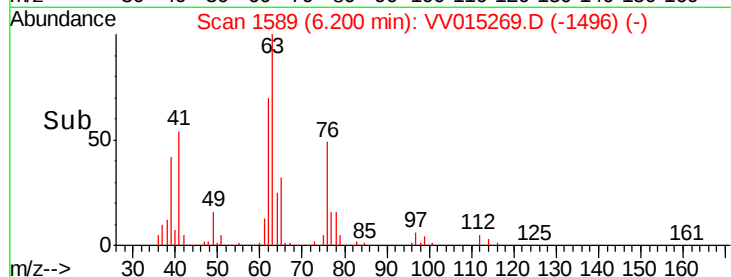
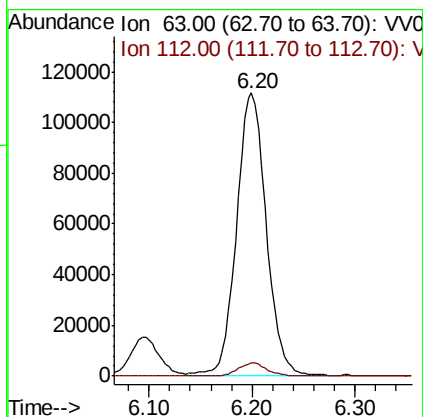
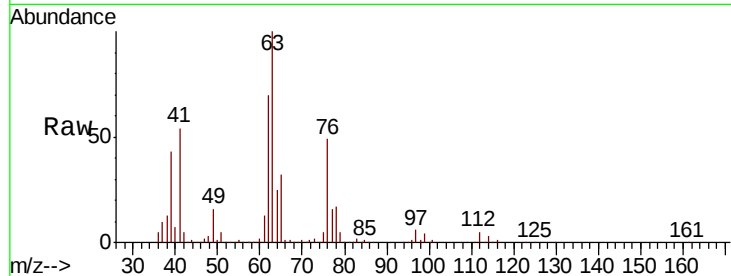




#37
 1,2-Dichloropropane
 Concen: 50.854 ug/L
 RT: 6.20 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: VV015269.D
 Acq: 30 Mar 2020 12:39

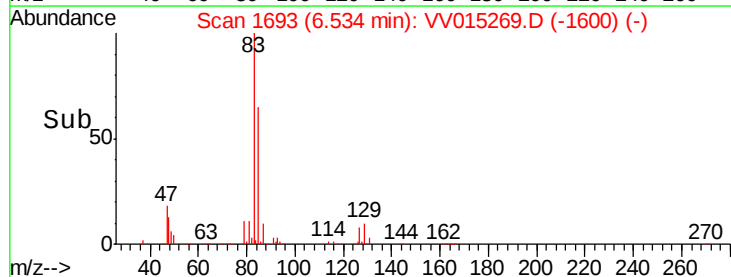
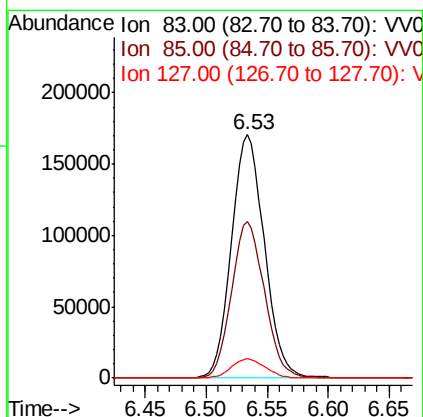
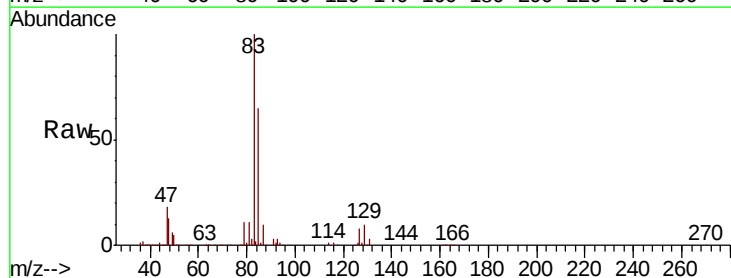
Instrument :
 MSVOA_V
 ClientSampleId :

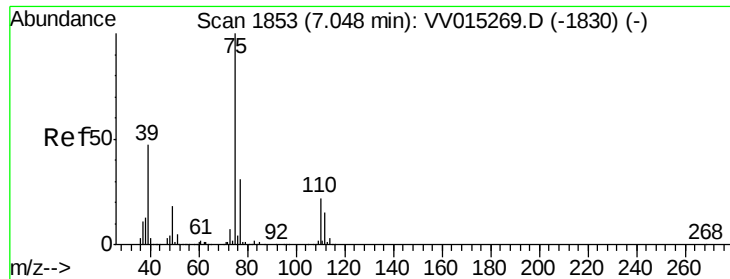
Tot Ion: 63 Resp: 223928
 Ion Ratio Lower Upper
 63 100
 112 4.6 3.7 5.5



#38
 Bromodichloromethane
 Concen: 50.639 ug/L
 RT: 6.53 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: VV015269.D
 Acq: 30 Mar 2020 12:39

Tgt Ion: 83 Resp: 320657
 Ion Ratio Lower Upper
 83 100
 85 64.5 45.1 83.9
 127 7.9 6.3 9.5

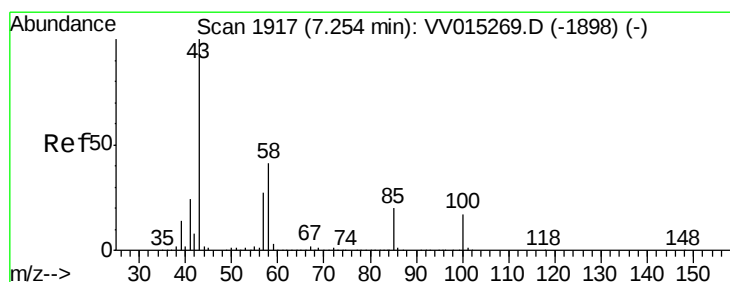
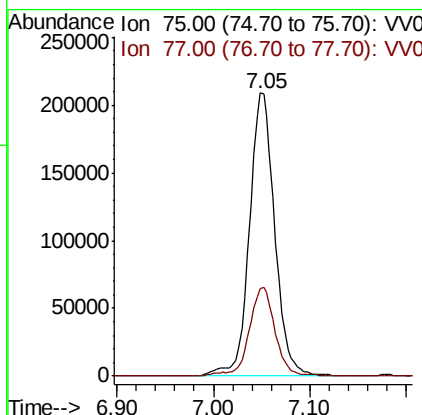
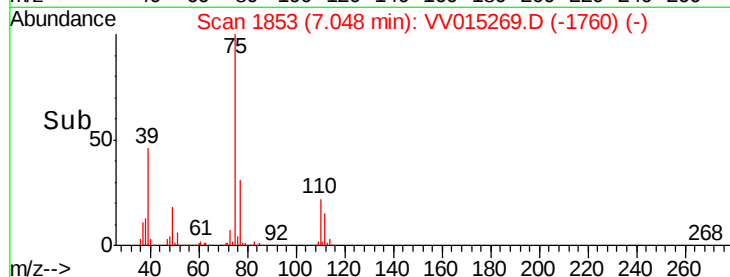
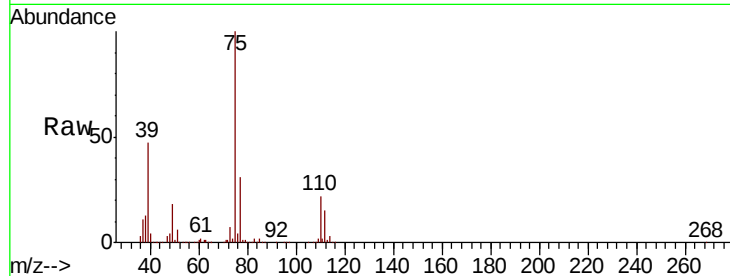




#39
 cis-1,3-Dichloropropene
 Concen: 51.125 ug/L
 RT: 7.05 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VV015269.D
 Acq: 30 Mar 2020 12:39

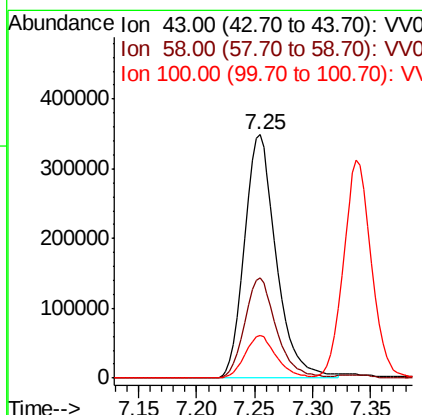
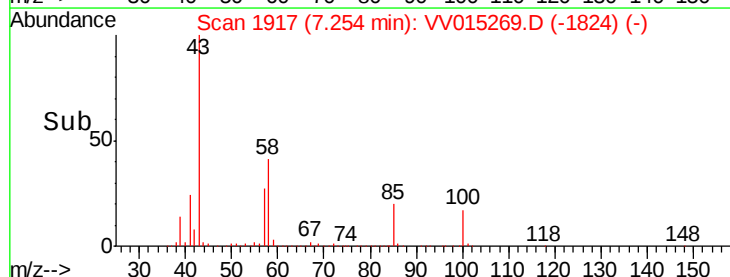
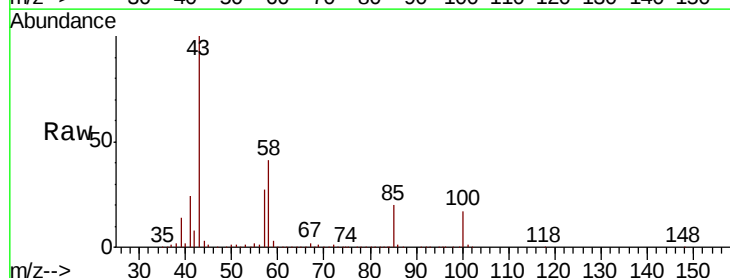
Instrument :
 MSVOA_V
 ClientSampleId :

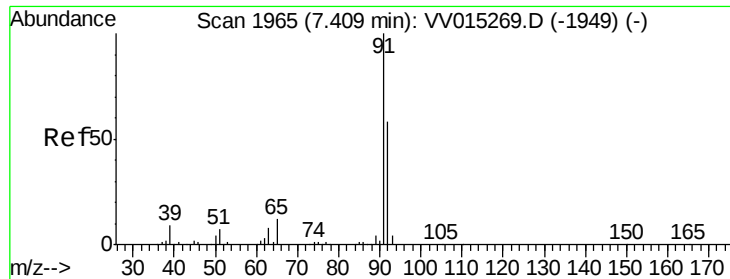
Tot Ion: 75 Resp: 380195
 Ion Ratio Lower Upper
 75 100
 77 30.8 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 101.390 ug/L
 RT: 7.25 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VV015269.D
 Acq: 30 Mar 2020 12:39

Tgt Ion: 43 Resp: 663819
 Ion Ratio Lower Upper
 43 100
 58 41.1 32.9 49.3
 100 17.4 13.9 20.9





#42

Toluene

Concen: 51.532 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

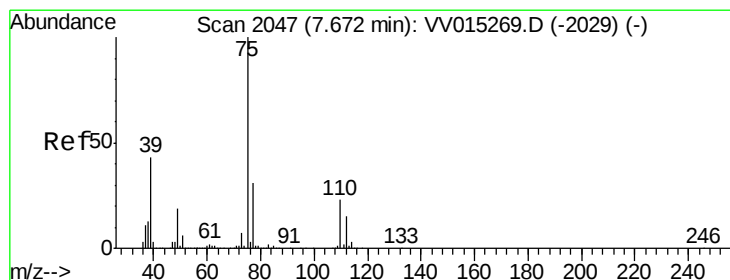
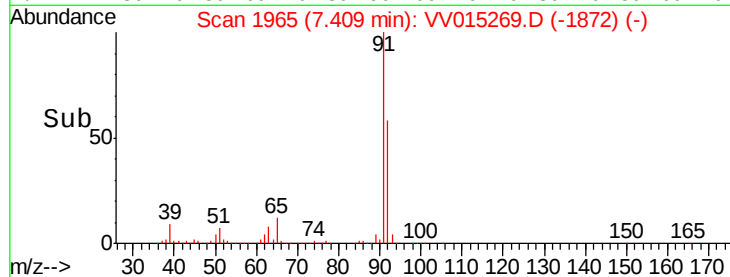
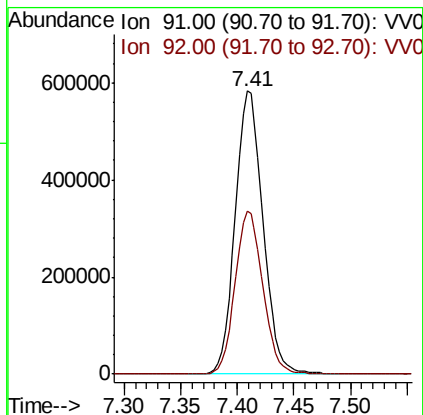
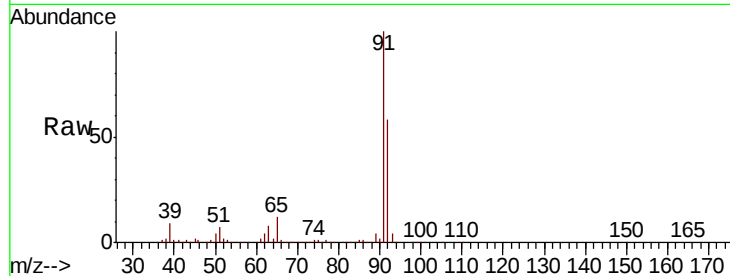
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 1001468

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 50.862 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VV015269.D

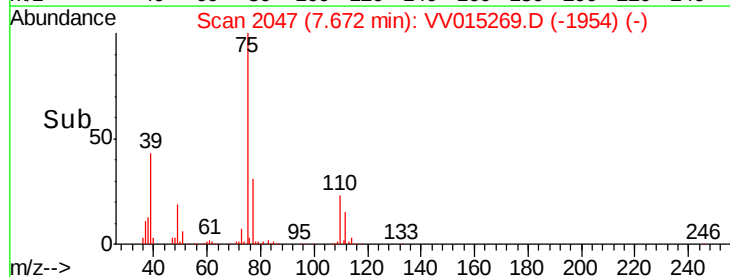
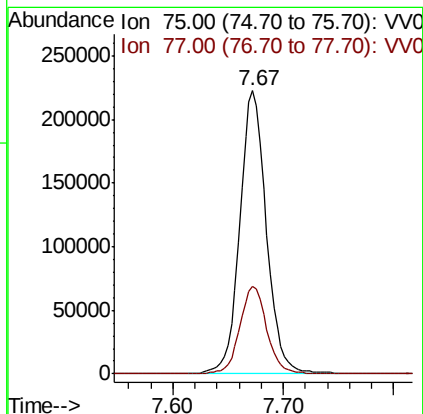
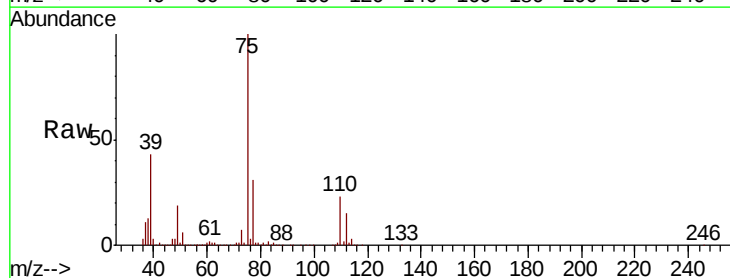
Acq: 30 Mar 2020 12:39

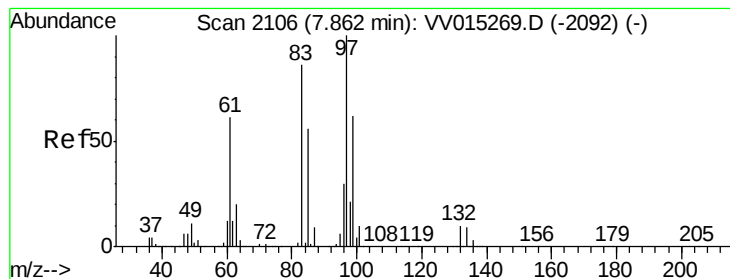
Tgt Ion: 75 Resp: 371648

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 51.043 ug/L

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 97 Resp: 226427

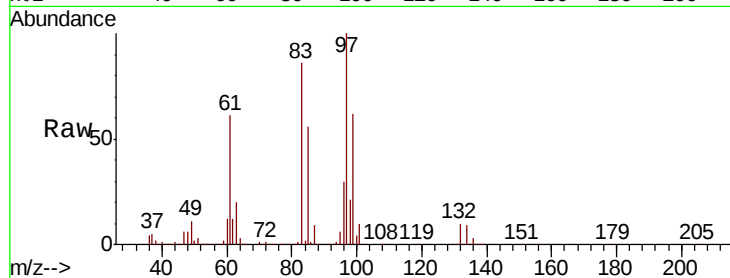
Ion Ratio Lower Upper

97 100

99 62.3 43.6 81.0

83 85.7 60.0 111.4

85 56.1 39.3 72.9

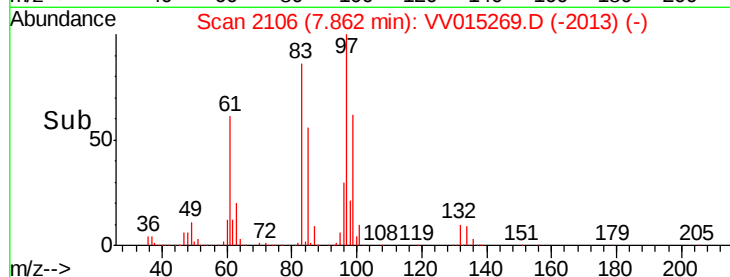


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

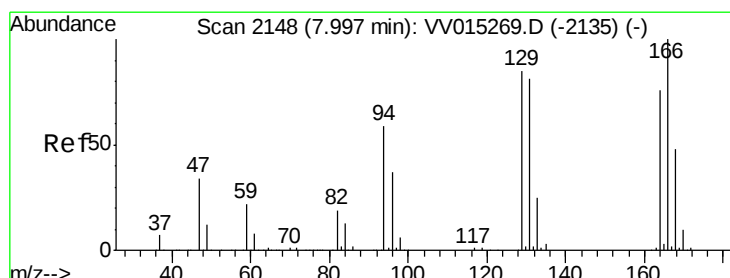
Ion 85.00 (84.70 to 85.70): VV0



Abundance

7.86

Time-->



#46

Tetrachloroethene

Concen: 49.373 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

Tgt Ion: 164 Resp: 151725

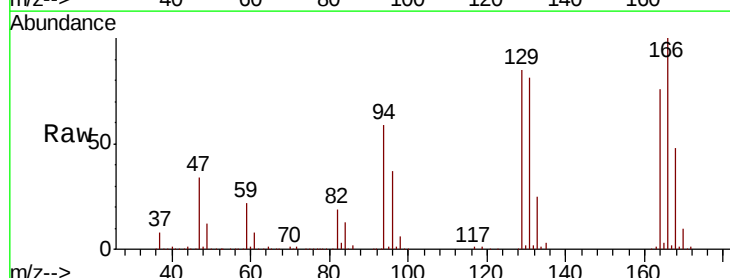
Ion Ratio Lower Upper

164 100

129 111.1 77.8 144.4

131 105.6 73.9 137.3

166 131.0 91.7 170.3

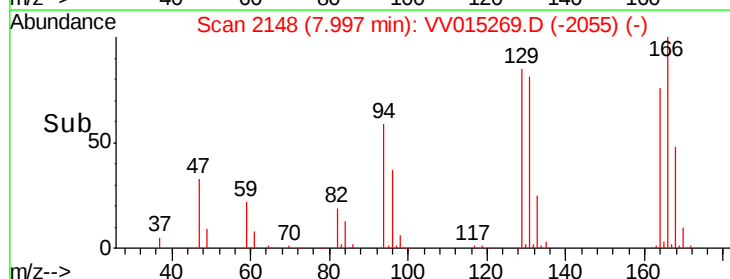


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

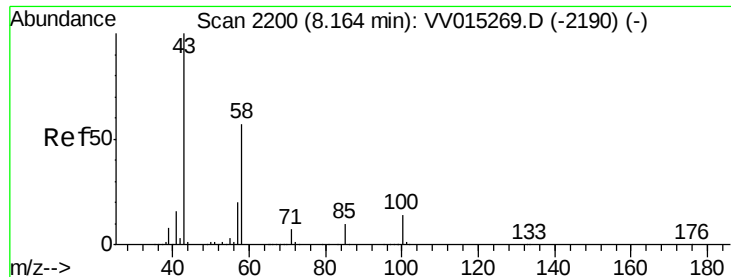
Ion 166.00 (165.70 to 166.70): V



Abundance

8.00

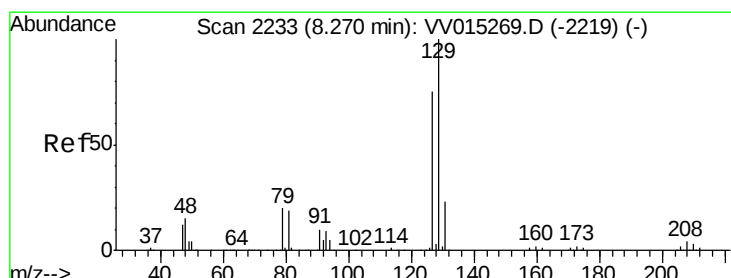
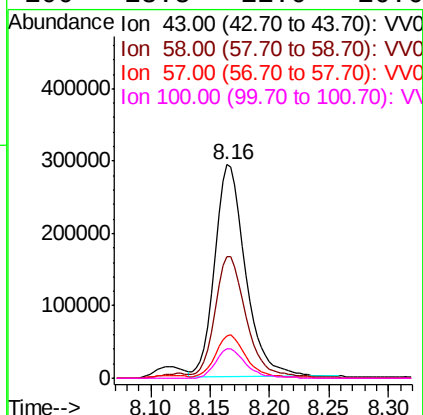
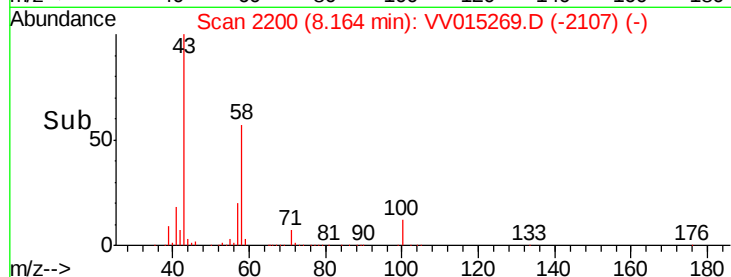
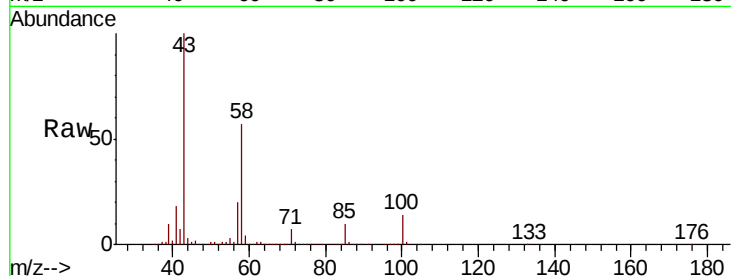
Time-->



#48
2-Hexanone
Concen: 104.714 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV015269.D
Acq: 30 Mar 2020 12:39

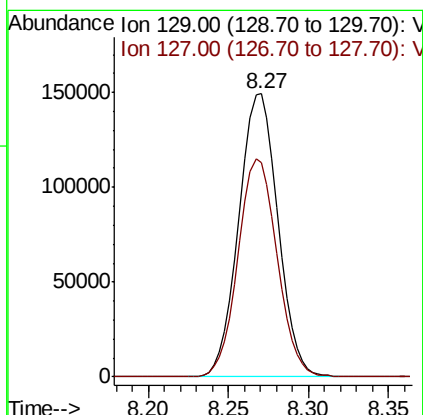
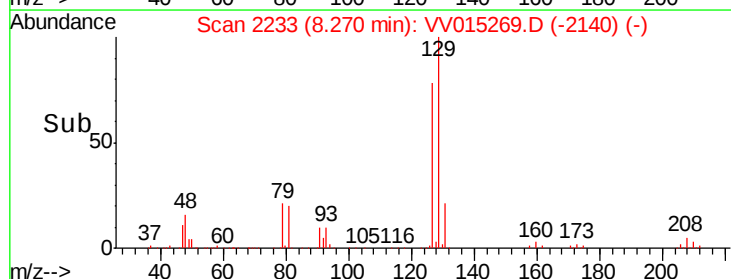
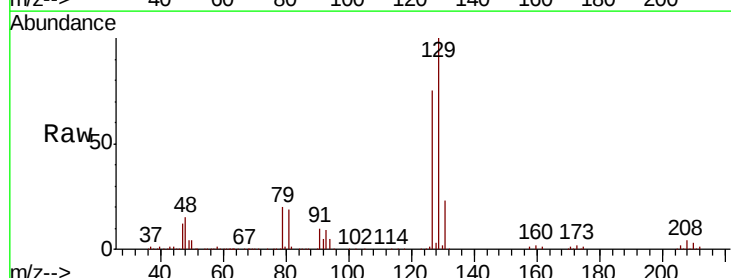
Instrument :
MSVOA_V
ClientSampleId :

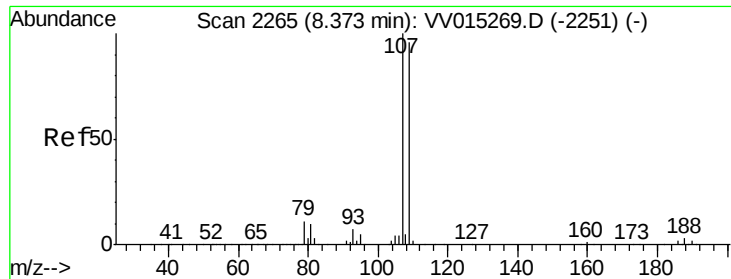
Tot Ion: 43 Resp: 525944
Ion Ratio Lower Upper
43 100
58 58.8 47.0 70.6
57 20.2 16.2 24.2
100 13.8 11.0 16.6



#49
Dibromochloromethane
Concen: 51.483 ug/L
RT: 8.27 min Scan# 2233
Delta R.T. 0.00 min
Lab File: VV015269.D
Acq: 30 Mar 2020 12:39

Tgt Ion: 129 Resp: 249600
Ion Ratio Lower Upper
129 100
127 75.5 52.8 98.2

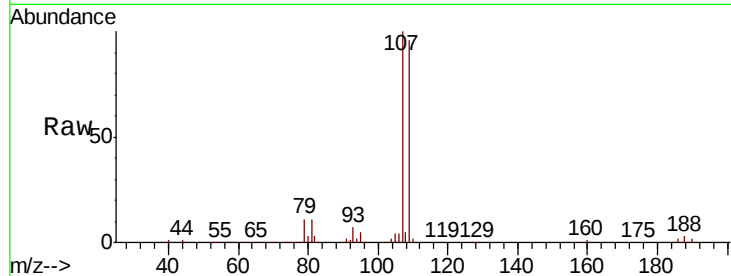




#50
 1,2-Dibromoethane
 Concen: 50.714 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.00 min
 Lab File: VV015269.D
 Acq: 30 Mar 2020 12:39

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	67.1	124.7
188	3.1	2.5	3.7

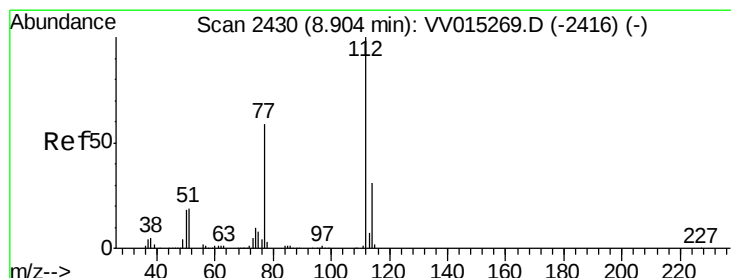
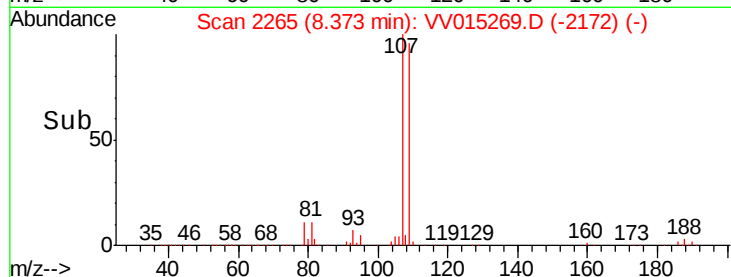
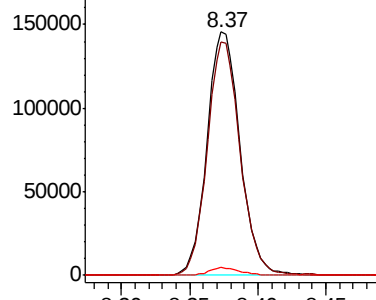


Abundance

Ion 107.00 (106.70 to 107.70): V

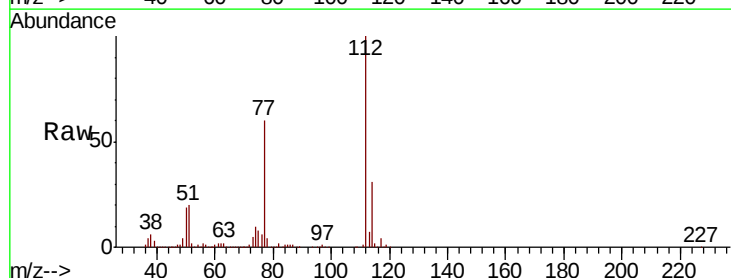
Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V



#51
 Chlorobenzene
 Concen: 50.262 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV015269.D
 Acq: 30 Mar 2020 12:39

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.0	21.7	40.3
77	59.9	47.9	71.9

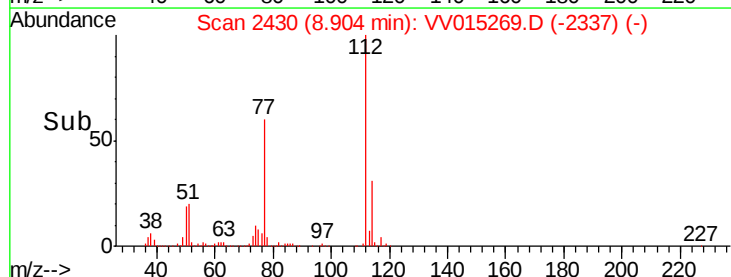
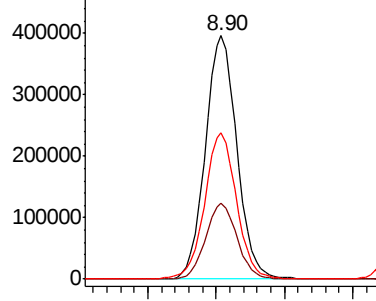


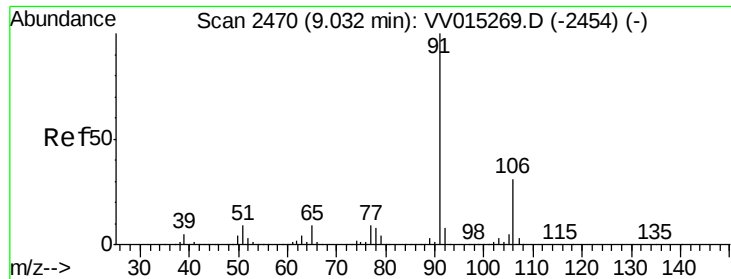
Abundance

Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#52

Ethylbenzene

Concen: 50.799 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

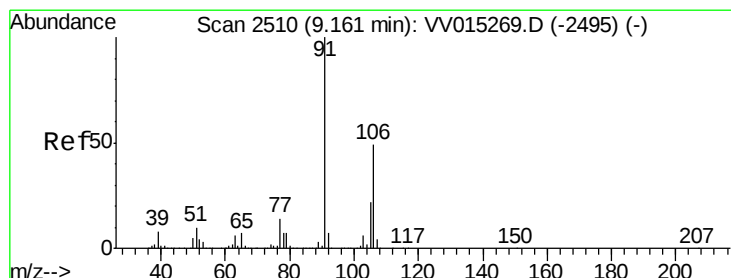
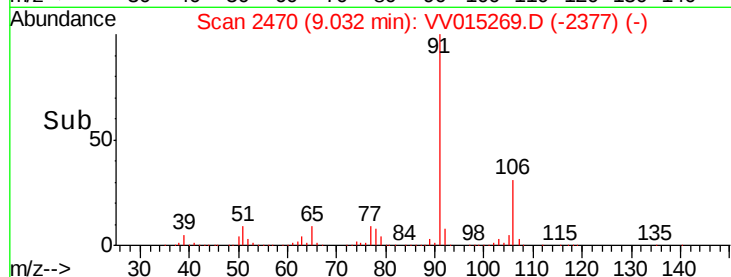
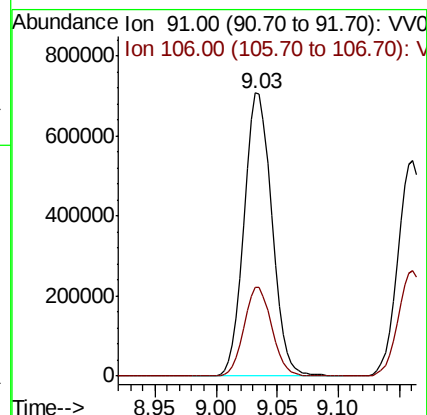
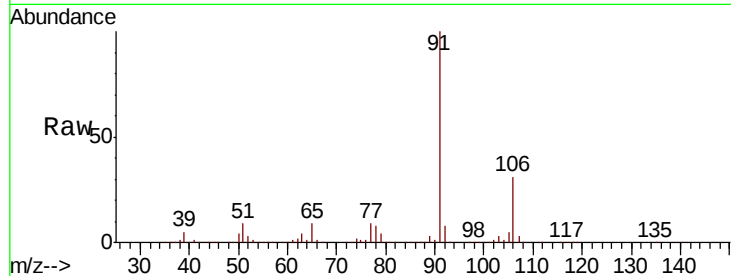
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 1113258

Ion Ratio Lower Upper

91 100

106 31.4 22.0 40.8



#53

m,p-Xylene

Concen: 51.582 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV015269.D

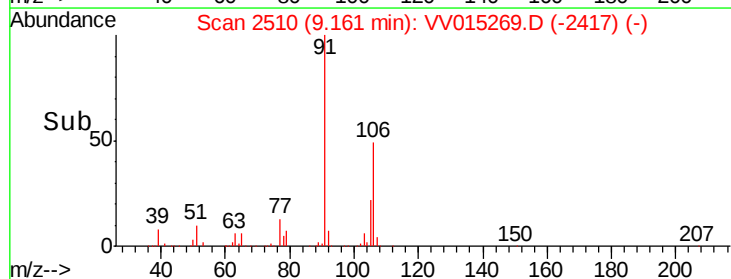
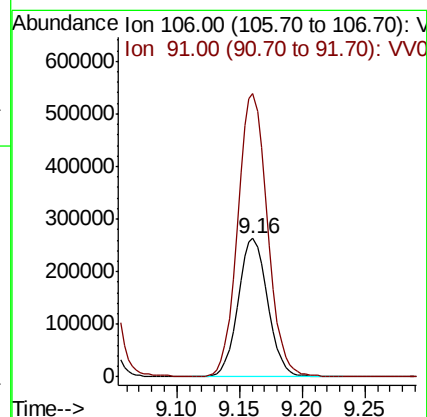
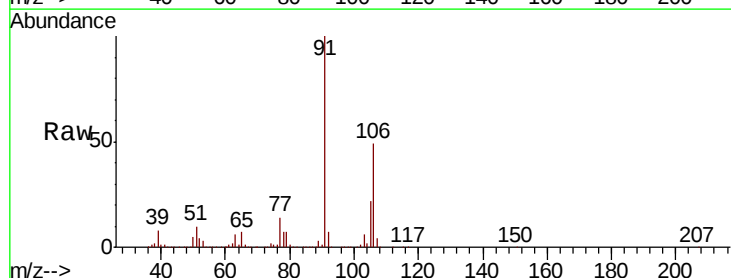
Acq: 30 Mar 2020 12:39

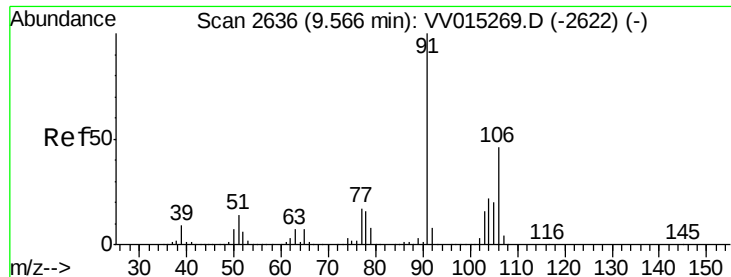
Tgt Ion: 106 Resp: 431175

Ion Ratio Lower Upper

106 100

91 204.5 143.1 265.9

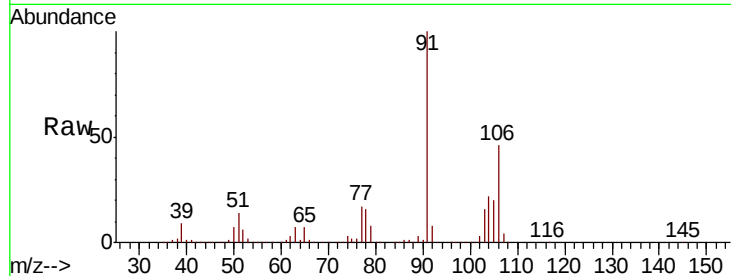




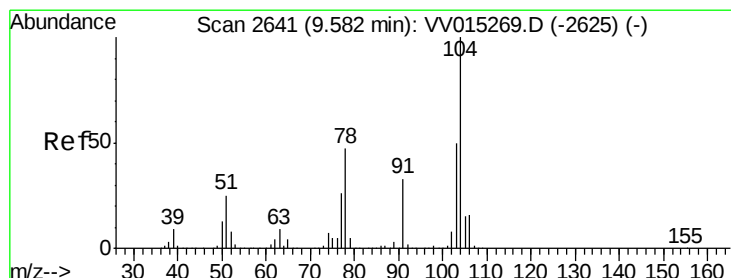
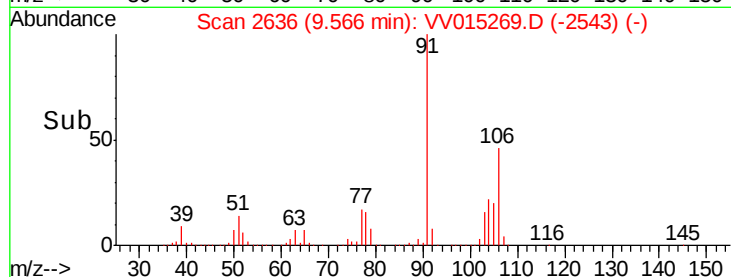
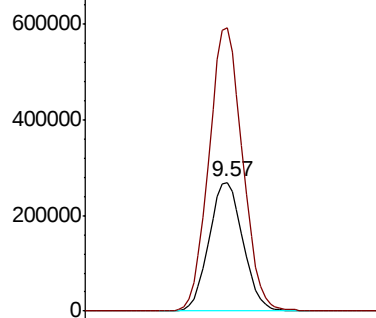
#54
o-xylene
Concen: 51.386 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV015269.D
Acq: 30 Mar 2020 12:39

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 427301
Ion Ratio Lower Upper
106 100
91 219.2 153.4 285.0

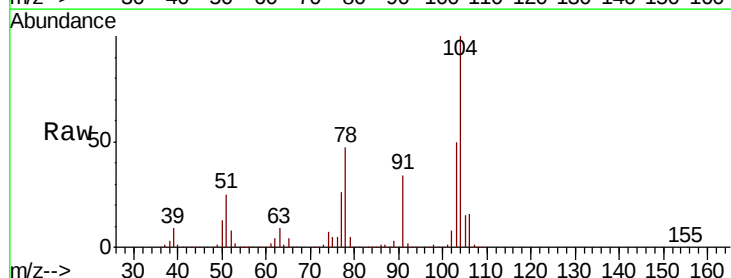


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

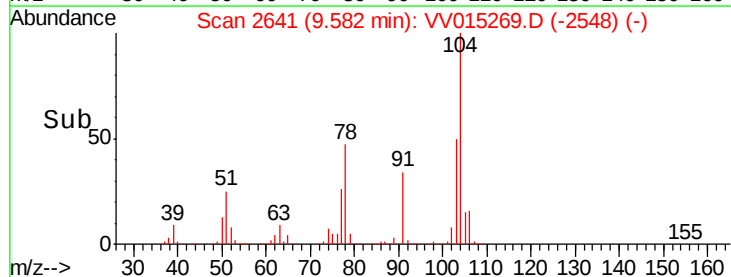
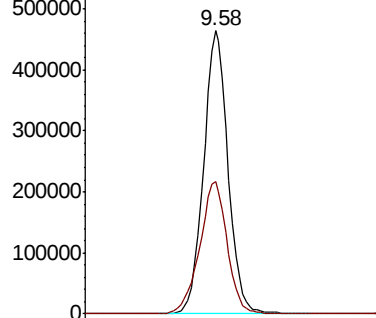


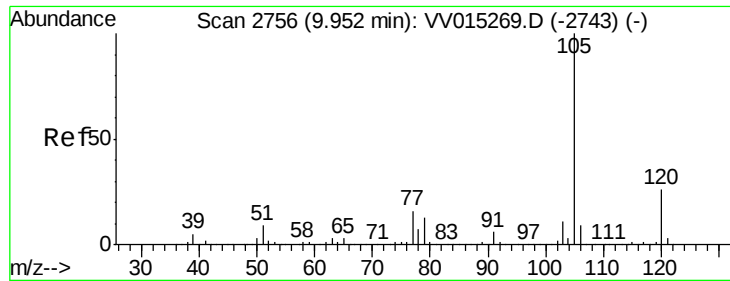
#55
Styrene
Concen: 51.591 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. 0.00 min
Lab File: VV015269.D
Acq: 30 Mar 2020 12:39

Tgt Ion:104 Resp: 732075
Ion Ratio Lower Upper
104 100
78 46.7 32.7 60.7



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





#56

Isopropylbenzene

Concen: 51.254 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

Instrument :

MSVOA_V

ClientSampleId :

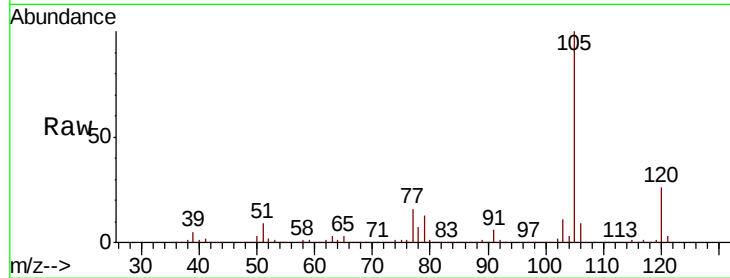
Tot Ion:105 Resp: 1121926

Ion Ratio Lower Upper

105 100

120 25.9 20.7 31.1

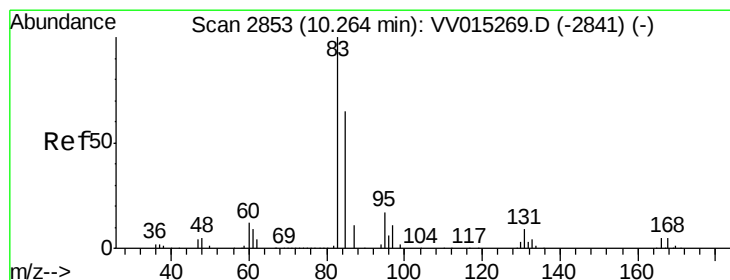
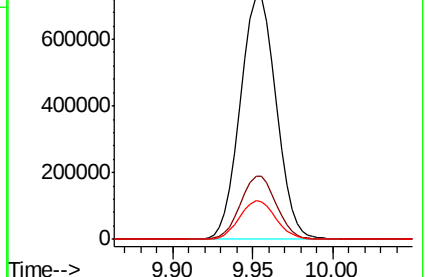
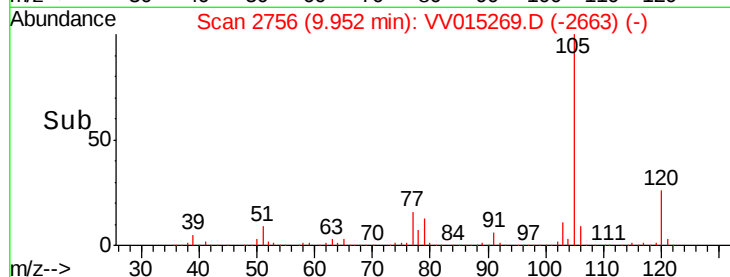
77 16.0 12.8 19.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 51.866 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

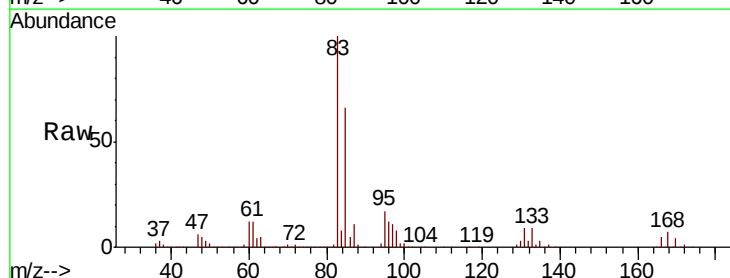
Tgt Ion: 83 Resp: 381839

Ion Ratio Lower Upper

83 100

85 66.1 46.3 85.9

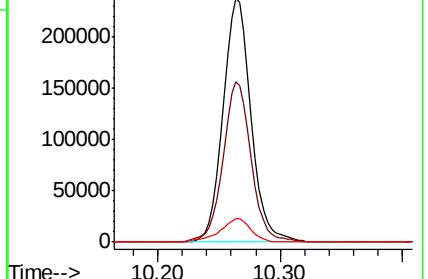
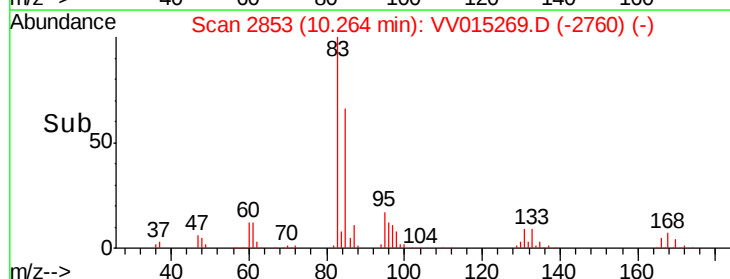
131 9.5 7.6 11.4

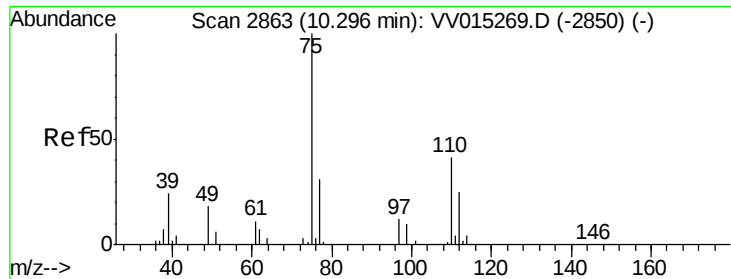


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 51.553 ug/L

RT: 10.30 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

Instrument :

MSVOA_V

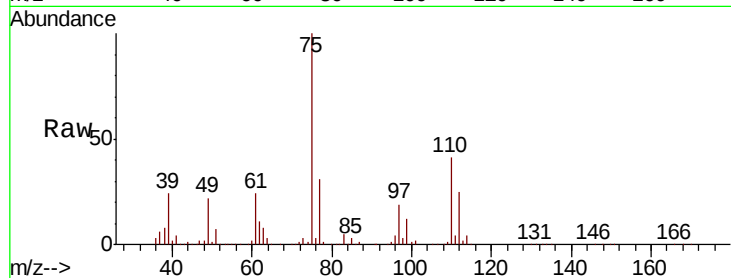
ClientSampled :

Tot Ion: 75 Resp: 314083

Ion Ratio Lower Upper

75 100

77 30.9 24.7 37.1



Abundance Ion 75.00 (74.70 to 75.70): VV015269.D (-2850) (-)

Ion 77.00 (76.70 to 77.70): VV015269.D (-2850) (-)

10.30

200000

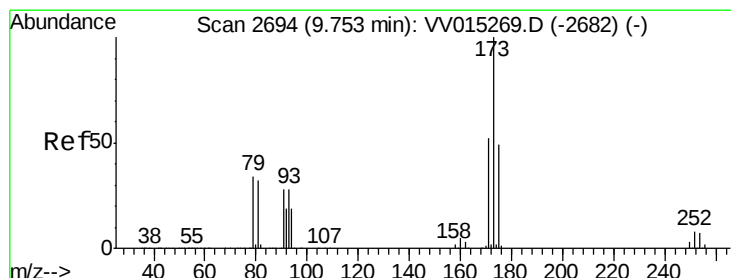
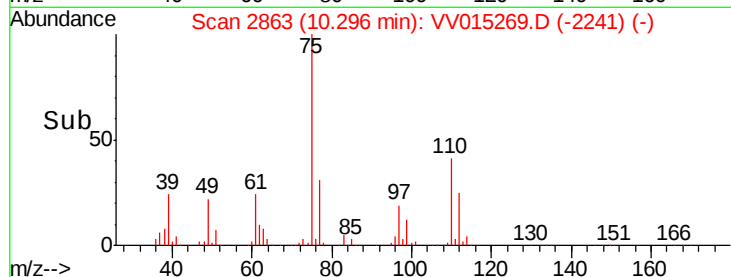
150000

100000

50000

0

Time-->



#61

Bromoform

Concen: 50.645 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

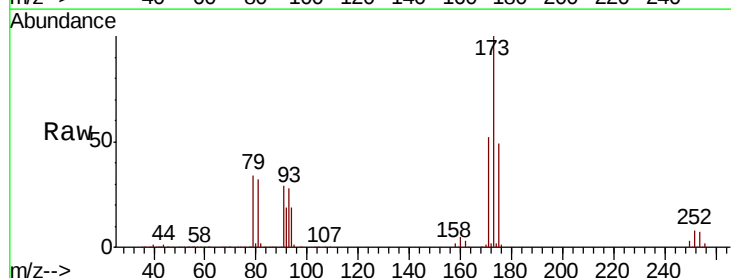
Tgt Ion: 173 Resp: 158686

Ion Ratio Lower Upper

173 100

175 49.2 39.4 59.0

254 7.0 5.6 8.4



Abundance Ion 173.00 (172.70 to 173.70): VV015269.D (-2682) (-)

Ion 175.00 (174.70 to 175.70): VV015269.D (-2682) (-)

Ion 254.00 (253.70 to 254.70): VV015269.D (-2682) (-)

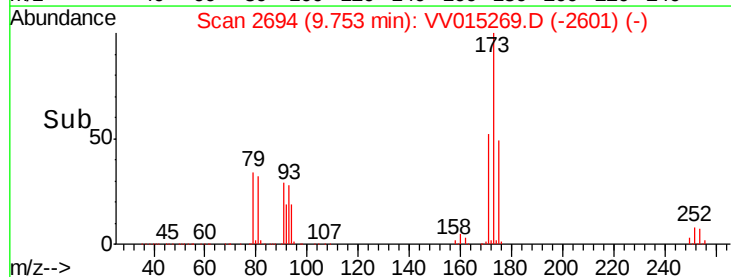
9.75

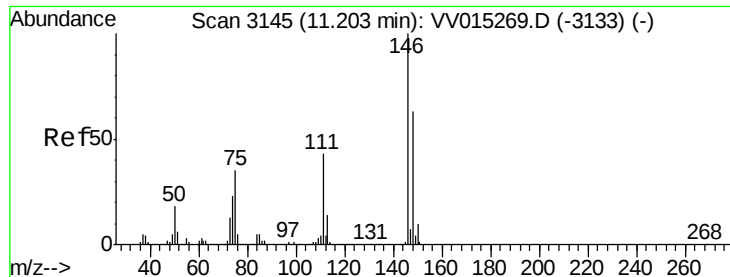
100000

50000

0

Time-->





#62

1,3-Dichlorobenzene

Concen: 49.430 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

Instrument :

MSVOA_V

ClientSampleId :

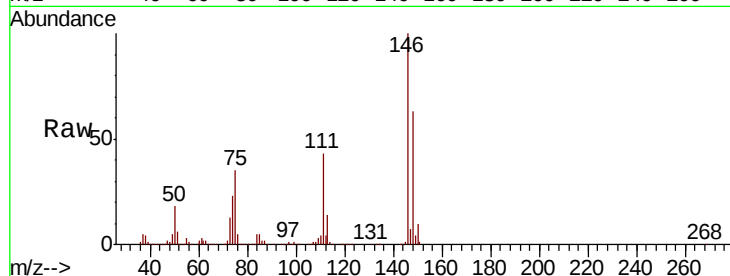
Tot Ion:146 Resp: 473631

Ion Ratio Lower Upper

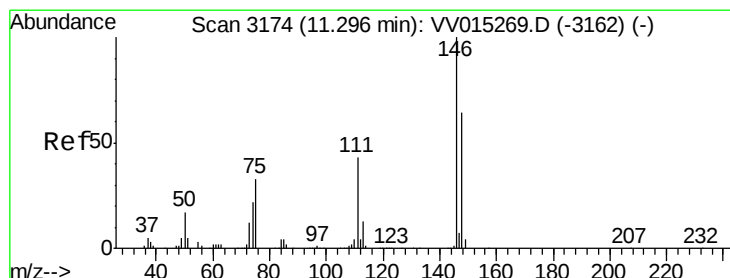
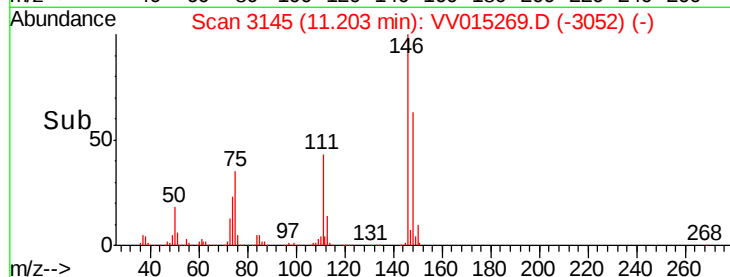
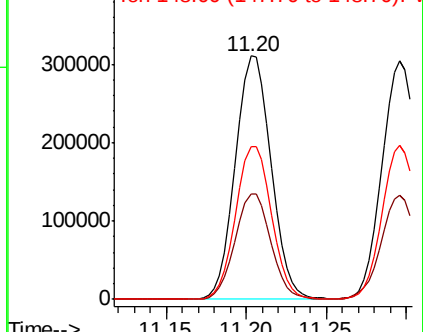
146 100

111 43.4 30.4 56.4

148 62.7 43.9 81.5



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 48.450 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

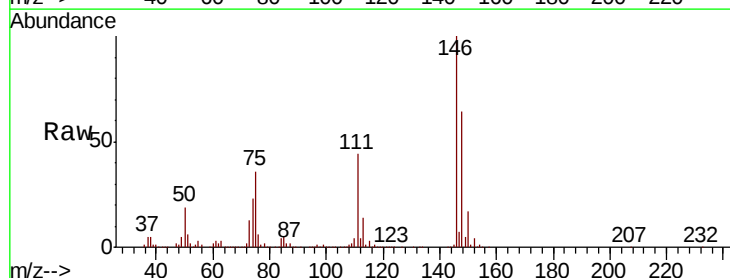
Tgt Ion:146 Resp: 473854

Ion Ratio Lower Upper

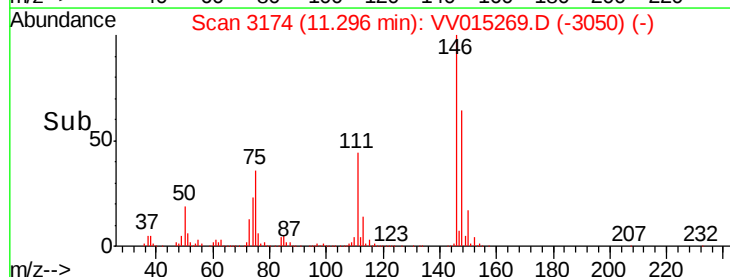
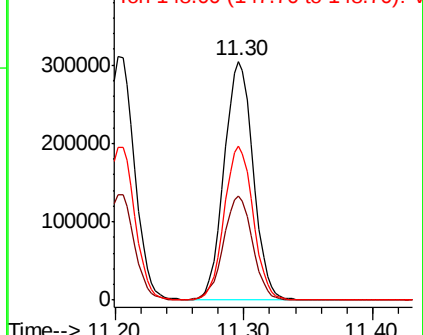
146 100

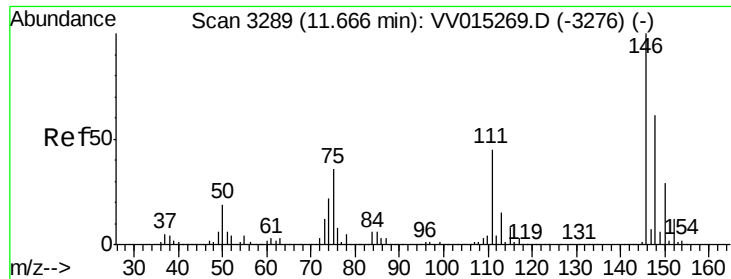
111 43.6 30.5 56.7

148 64.3 45.0 83.6



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 49.509 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

Instrument :

MSVOA_V

ClientSampleId :

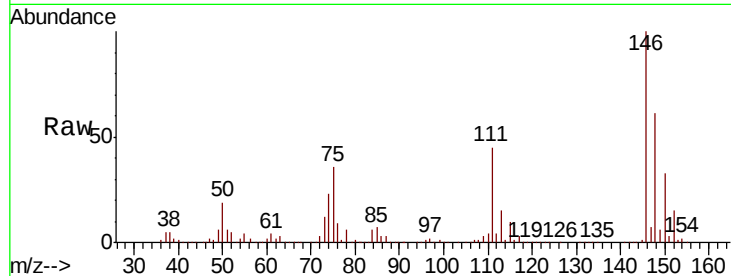
Tot Ion:146 Resp: 478719

Ion Ratio Lower Upper

146 100

111 44.7 35.8 53.6

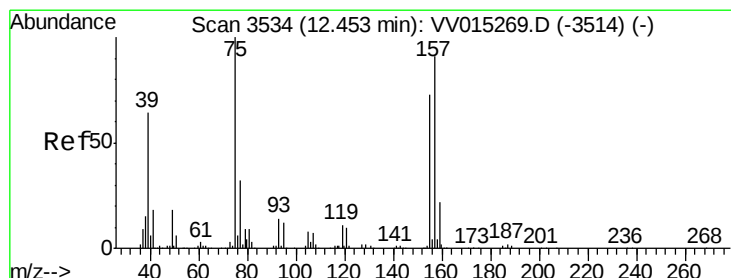
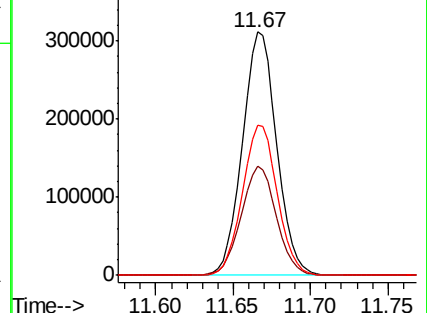
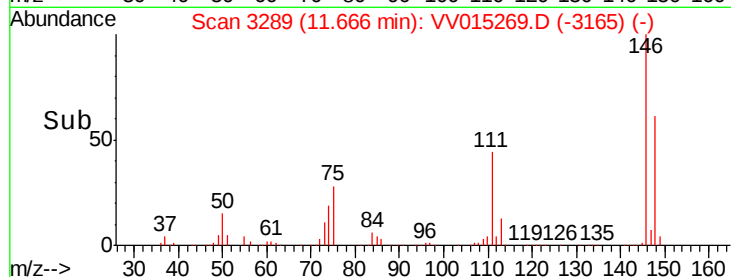
148 61.4 49.1 73.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 49.740 ug/L

RT: 12.45 min Scan# 3534

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

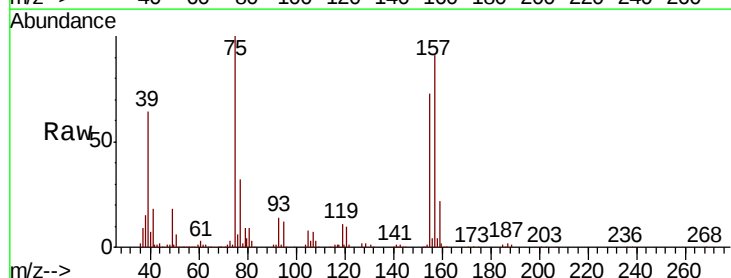
Tgt Ion: 75 Resp: 105818

Ion Ratio Lower Upper

75 100

155 72.8 58.2 87.4

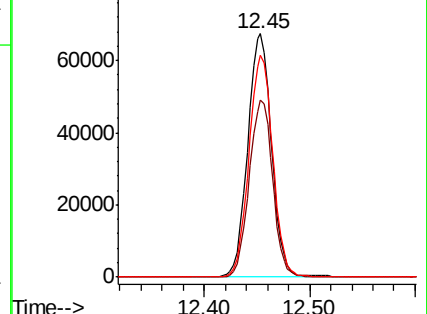
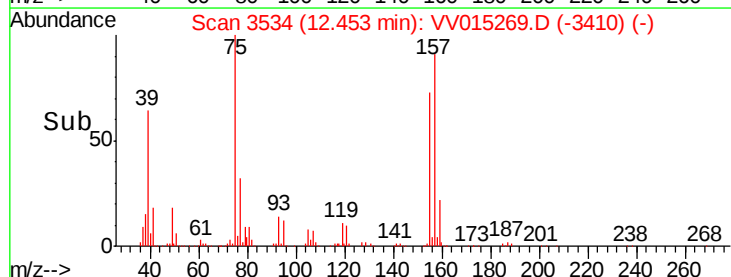
157 91.3 73.0 109.6

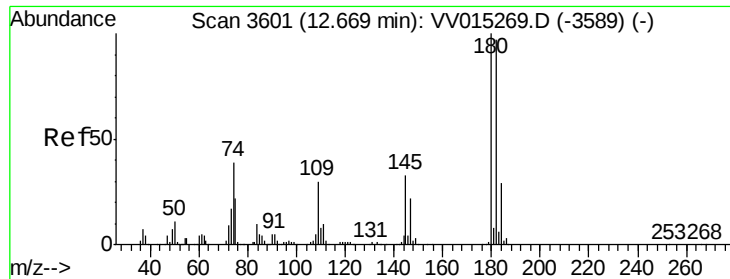


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

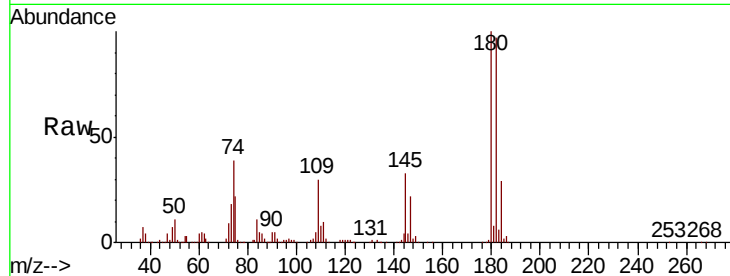




#67
 1,3,5-Trichlorobenzene
 Concen: 49.600 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV015269.D
 Acq: 30 Mar 2020 12:39

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.8	115.2
184	29.5	23.6	35.4
145	33.8	27.0	40.6



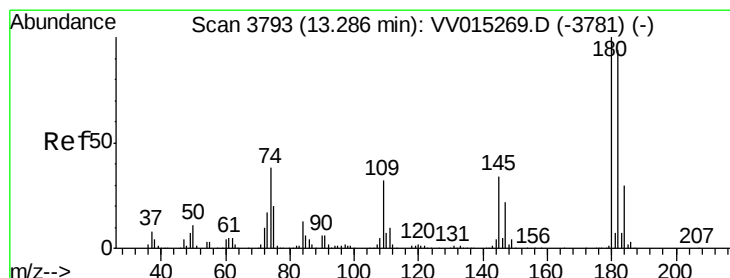
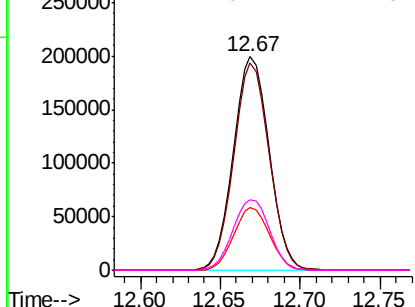
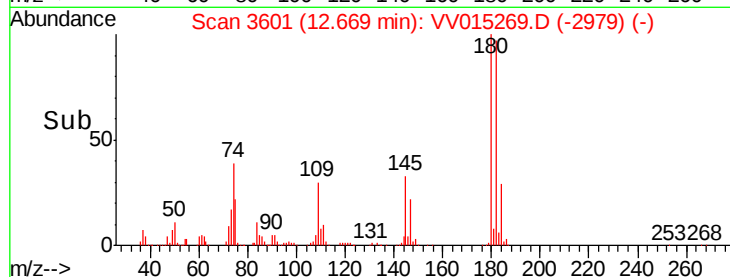
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

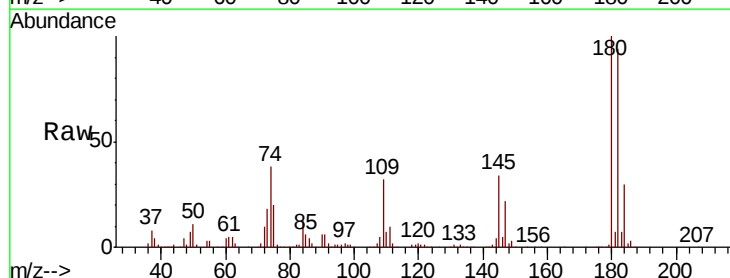
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 49.030 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015269.D
 Acq: 30 Mar 2020 12:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.2	112.8
145	34.1	27.3	40.9

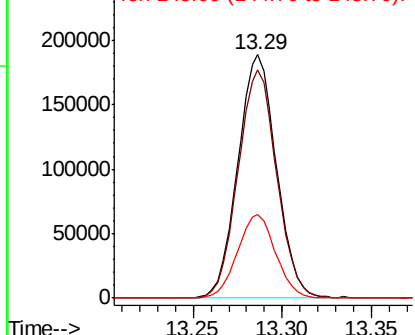
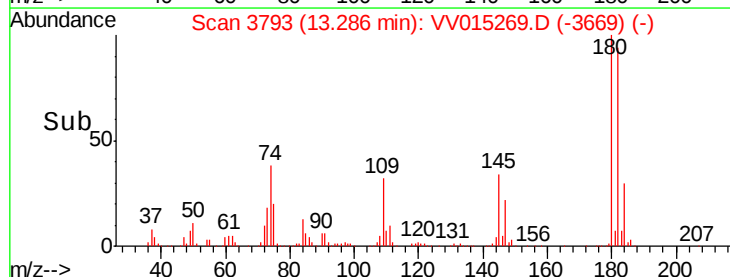


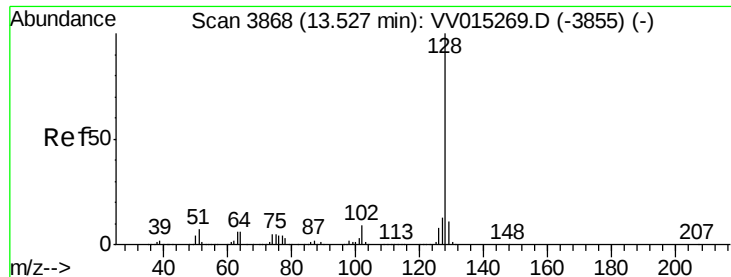
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 49.851 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

Instrument :

MSVOA_V

ClientSampleId :

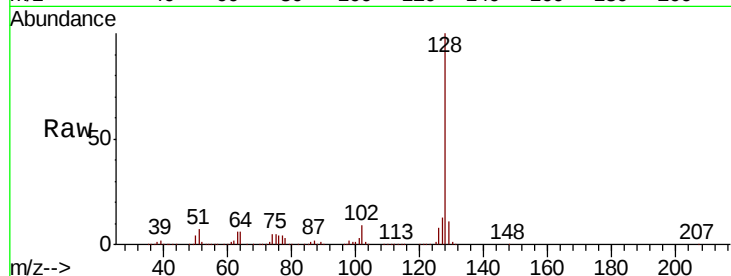
Tot Ion:128 Resp: 1154712

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

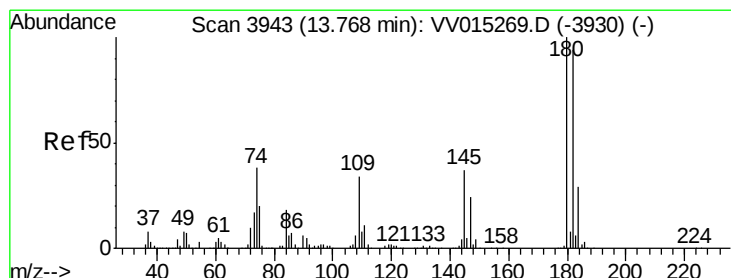
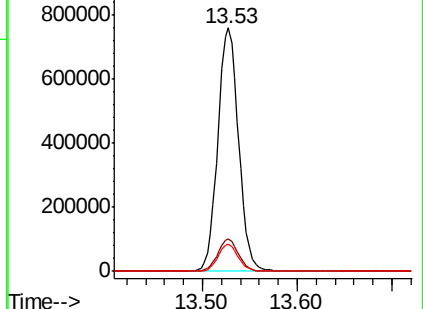
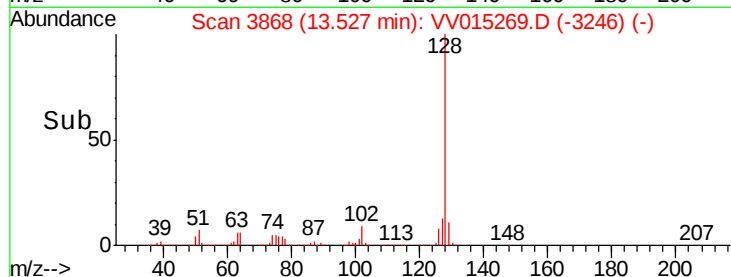
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 49.803 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV015269.D

Acq: 30 Mar 2020 12:39

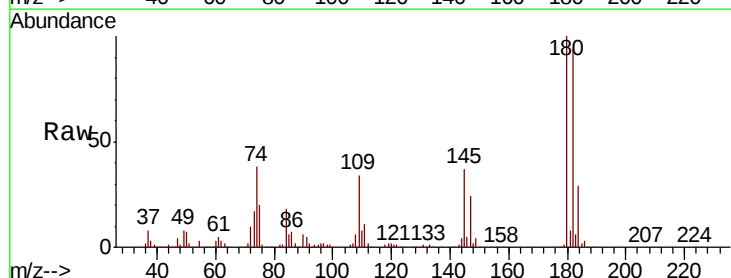
Tgt Ion:180 Resp: 290440

Ion Ratio Lower Upper

180 100

182 93.4 74.7 112.1

145 37.0 29.6 44.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

