

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015329.D
 Acq On : 01 Apr 2020 11:34
 Operator : SY/MD
 Sample : VSTD05062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 01:47:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 01:39:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	689458	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	682451	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	326852	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	284359	46.00	ug/L	0.00
7) Chloroethane-d5	1.58	69	240122	45.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	513280	46.45	ug/L	0.00
21) 2-Butanone-d5	3.93	46	318656	96.52	ug/L	0.00
24) Chloroform-d	4.38	84	475587	46.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	295887	46.54	ug/L	0.00
32) Benzene-d6	5.07	84	934226	44.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	282079	45.52	ug/L	0.00
41) Toluene-d8	7.34	98	909226	45.24	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	153911	44.95	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	262035	92.59	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	405726	46.02	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	333854	44.90	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	302561	48.527 ug/L	100
3) Chloromethane	1.25	50	285591	48.603 ug/L	100
5) Vinyl chloride	1.32	62	293142	47.628 ug/L	100
6) Bromomethane	1.53	94	198359	48.754 ug/L	100
8) Chloroethane	1.60	64	197940	46.815 ug/L	100
9) Trichlorofluoromethane	1.76	101	565588	48.604 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	248516	47.791 ug/L	100
12) 1,1-Dichloroethene	2.13	96	241117	48.434 ug/L	100
13) Acetone	2.21	43	217240	100.725 ug/L	100
14) Carbon disulfide	2.31	76	662854	48.569 ug/L	100
15) Methyl Acetate	2.45	43	241468	50.789 ug/L	100
16) Methylene chloride	2.52	84	255464	48.952 ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	229200	48.656 ug/L	100
18) Methyl tert-butyl Ether	2.79	73	767122	49.399 ug/L	100
19) 1,1-Dichloroethane	3.21	63	419237	48.915 ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	261683	48.509 ug/L	100
22) 2-Butanone	4.01	43	341361	104.046 ug/L	100
23) Bromochloromethane	4.28	128	131994	48.486 ug/L	100
25) Chloroform	4.40	83	452378	48.673 ug/L	100
27) 1,2-Dichloroethane	5.16	62	342123	48.874 ug/L	100
29) Cyclohexane	4.70	56	382741	47.138 ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	421454	48.059 ug/L	100
31) Carbon tetrachloride	4.85	117	363606	48.495 ug/L	100
33) Benzene	5.13	78	977861	48.410 ug/L	100
34) Trichloroethene	5.94	95	256171	47.896 ug/L	100
35) Methylcyclohexane	6.15	83	415057	47.367 ug/L	100
37) 1,2-Dichloropropane	6.20	63	244439	49.306 ug/L	100
38) Bromodichloromethane	6.53	83	354841	48.822 ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	402502	48.312 ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	682486	97.927 ug/L	100

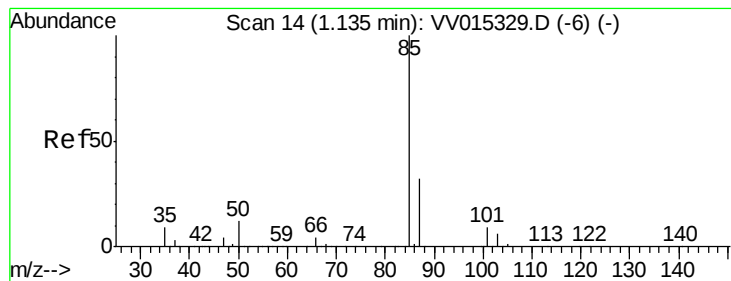
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
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 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 01:39:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	1093359	48.705	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	394704	48.756	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	254263	48.636	ug/L	100
46) Tetrachloroethene	8.00	164	185631	48.412	ug/L	100
48) 2-Hexanone	8.16	43	535903	101.545	ug/L	100
49) Dibromochloromethane	8.27	129	277989	48.555	ug/L	100
50) 1,2-Dibromoethane	8.37	107	276390	49.527	ug/L	100
51) Chlorobenzene	8.90	112	716242	48.681	ug/L	100
52) Ethylbenzene	9.03	91	1237395	49.109	ug/L	100
53) m,p-Xylene	9.16	106	482755	49.756	ug/L	100
54) o-xylene	9.57	106	480013	49.391	ug/L	100
55) Styrene	9.58	104	800025	49.503	ug/L	100
56) Isopropylbenzene	9.95	105	1247568	49.556	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	404319	48.173	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	325768	48.665	ug/L	100
61) Bromoform	9.75	173	180697	49.493	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	539366	49.017	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	537120	48.130	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	544441	48.510	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	105448	47.582	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	359152	49.250	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	330363	49.596	ug/L	100
69) Naphthalene	13.53	128	1264824	49.667	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	338239	49.295	ug/L	100

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



#2

Dichlorodifluoromethane

Concen: 48.527 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

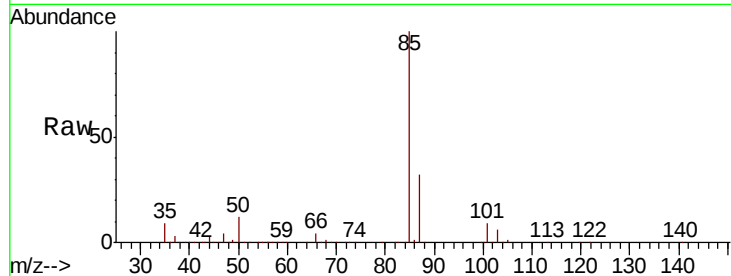
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 85 Resp: 302561

Ion Ratio Lower Upper

85 100

87 31.9 25.5 38.3



Abundance Ion 85.00 (84.70 to 85.70): VV015329.D (-6) (-)

Ion 87.00 (86.70 to 87.70): VV015329.D (-6) (-)

1.14

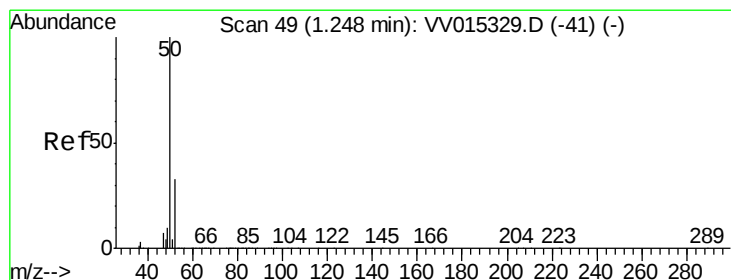
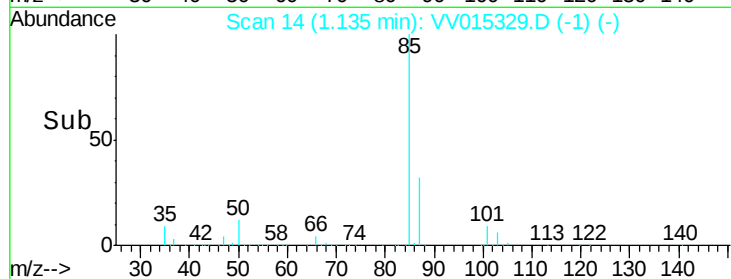
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 48.603 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV015329.D

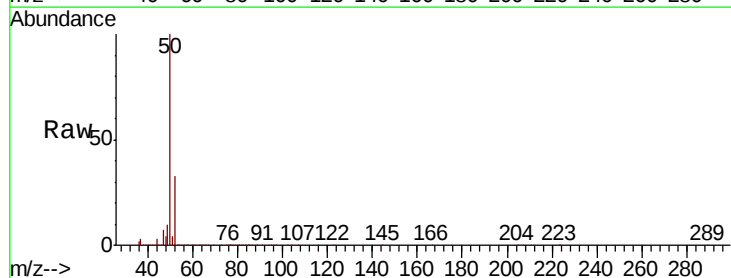
Acq: 01 Apr 2020 11:34

Tgt Ion: 50 Resp: 285591

Ion Ratio Lower Upper

50 100

52 32.8 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VV015329.D (-41) (-)

Ion 52.00 (51.70 to 52.70): VV015329.D (-41) (-)

1.25

300000

250000

200000

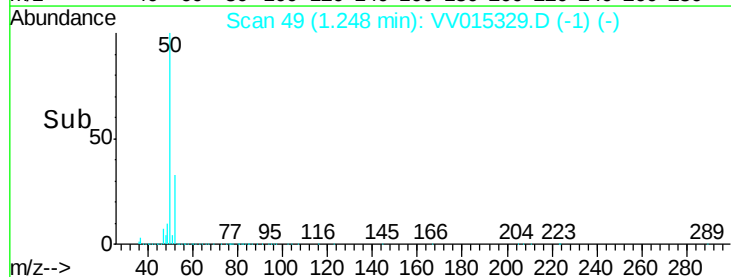
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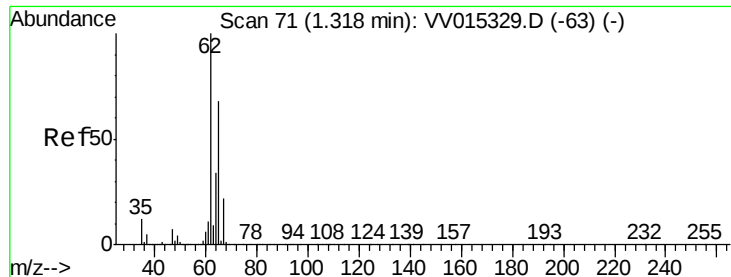
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 47.628 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

Instrument :

MSVOA_V

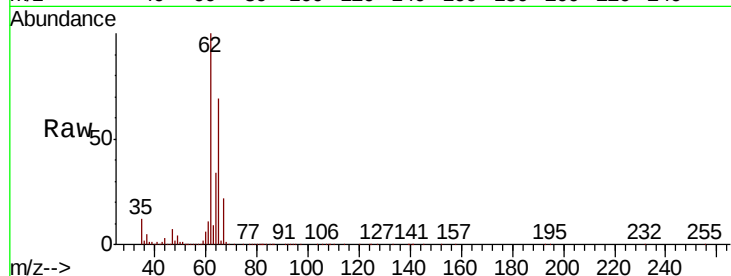
ClientSampleId :

Tot Ion: 62 Resp: 293142

Ion Ratio Lower Upper

62 100

64 33.8 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

300000

250000

200000

150000

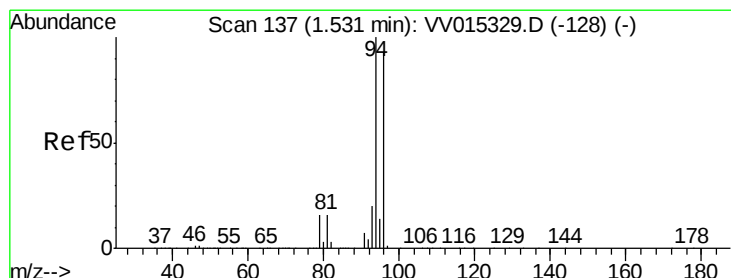
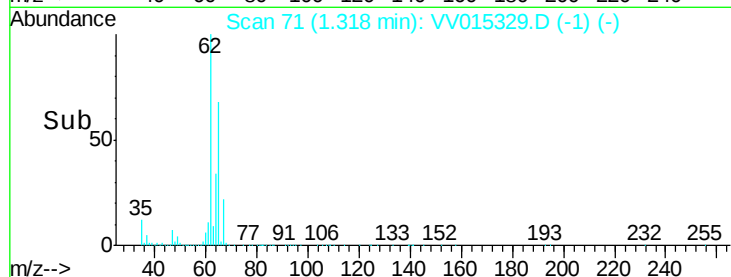
100000

50000

0

Time-->

1.25 1.30 1.35 1.40



#6

Bromomethane

Concen: 48.754 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: VV015329.D

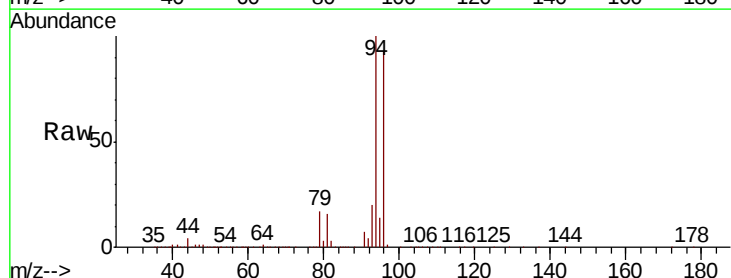
Acq: 01 Apr 2020 11:34

Tgt Ion: 94 Resp: 198359

Ion Ratio Lower Upper

94 100

96 93.2 65.2 121.2



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

200000

150000

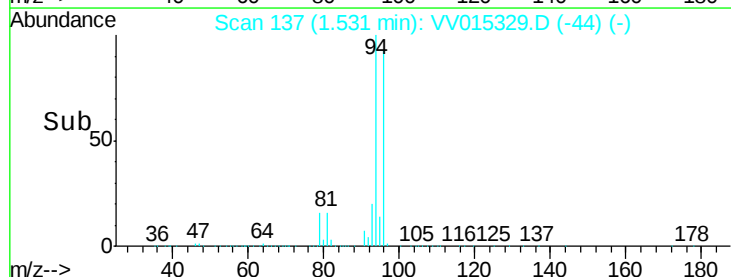
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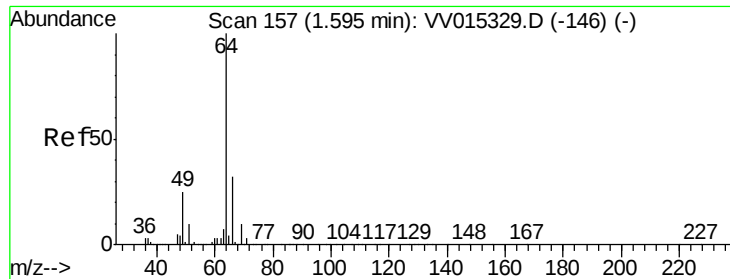
50000

0

Time-->

1.50 1.55 1.60

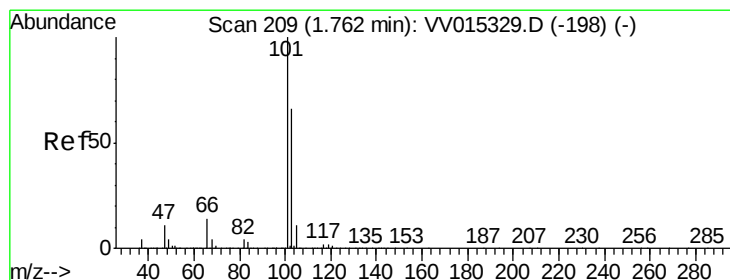
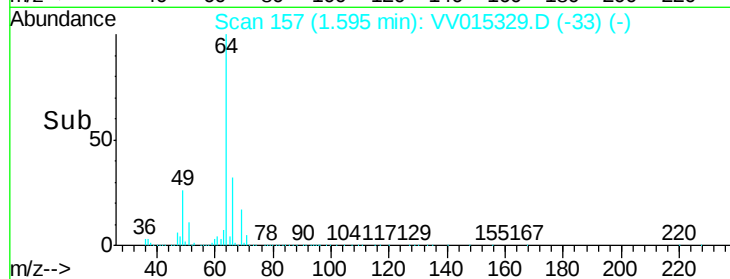
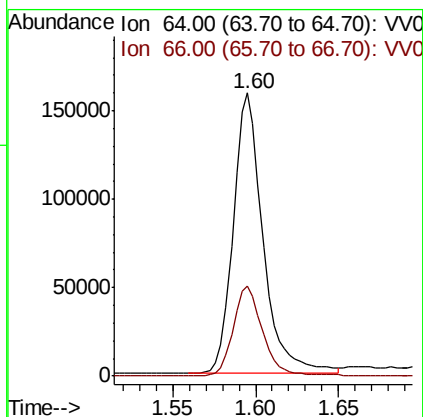
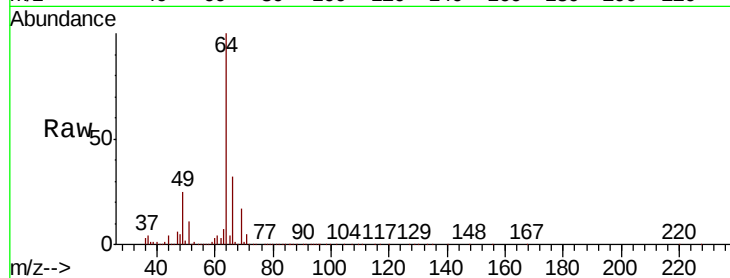




#8
Chloroethane
Concen: 46.815 ug/L
RT: 1.60 min Scan# 157
Delta R.T. 0.00 min
Lab File: VV015329.D
Acq: 01 Apr 2020 11:34

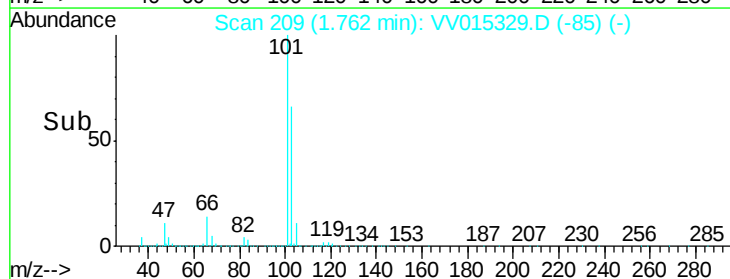
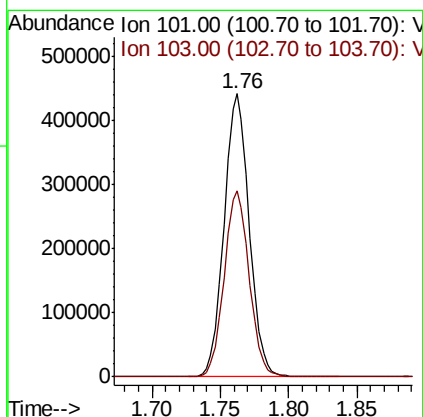
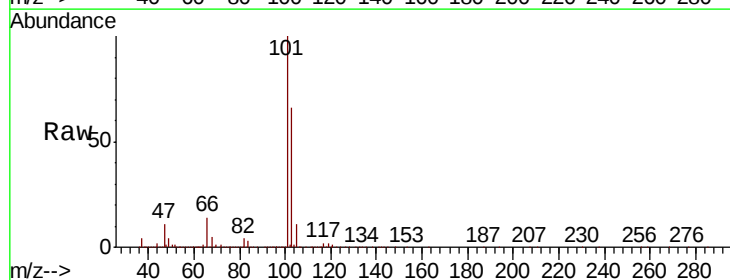
Instrument :
MSVOA_V
ClientSampleId :

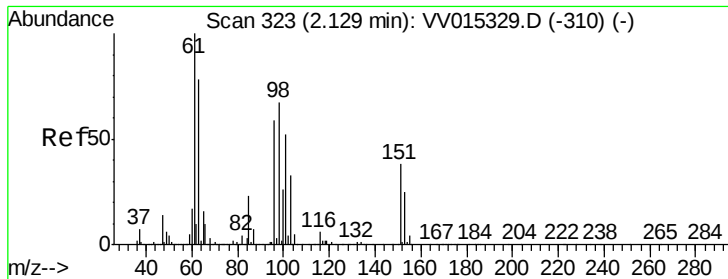
Tot Ion: 64 Resp: 197940
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 48.604 ug/L
RT: 1.76 min Scan# 209
Delta R.T. 0.00 min
Lab File: VV015329.D
Acq: 01 Apr 2020 11:34

Tgt Ion:101 Resp: 565588
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5





#10

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

Concen: 47.791 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

Instrument :

MSVOA_V

ClientSampleId :

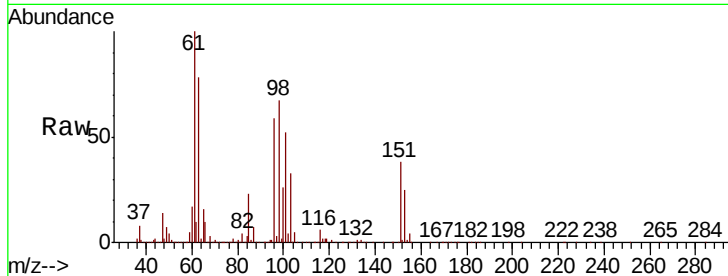
Tot Ion:101 Resp: 248516

Ion Ratio Lower Upper

101 100

85 45.1 36.1 54.1

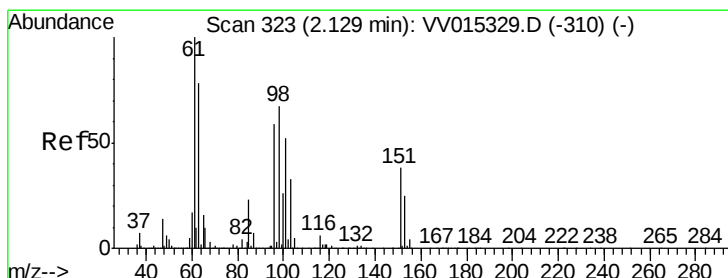
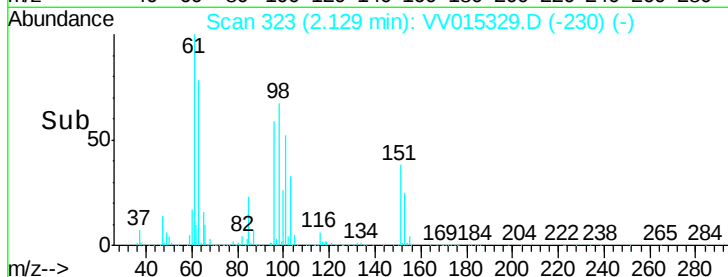
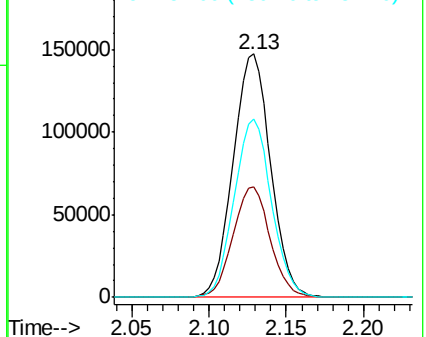
151 72.8 58.2 87.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 48.434 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

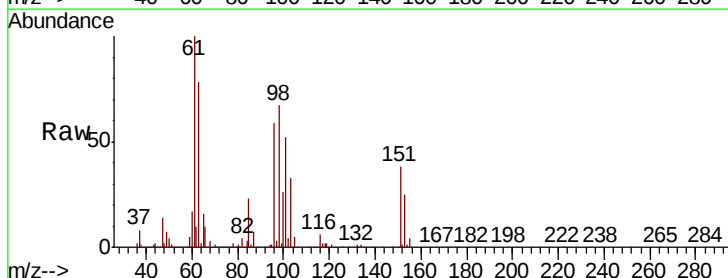
Tgt Ion: 96 Resp: 241117

Ion Ratio Lower Upper

96 100

61 168.6 118.0 219.2

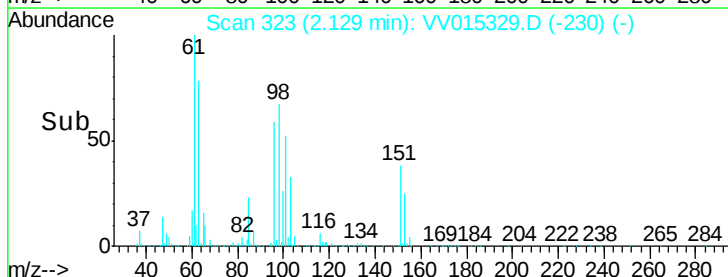
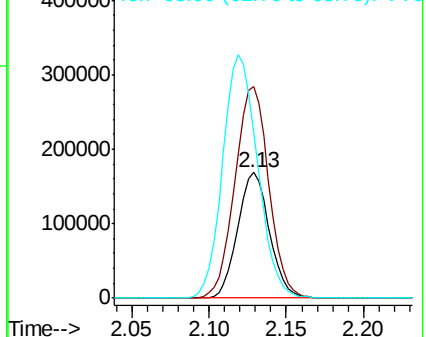
63 131.8 92.3 171.3

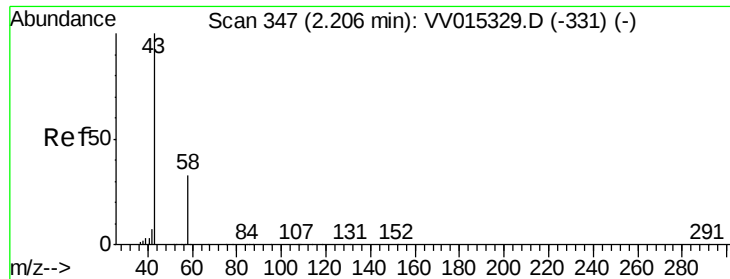


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 100.725 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

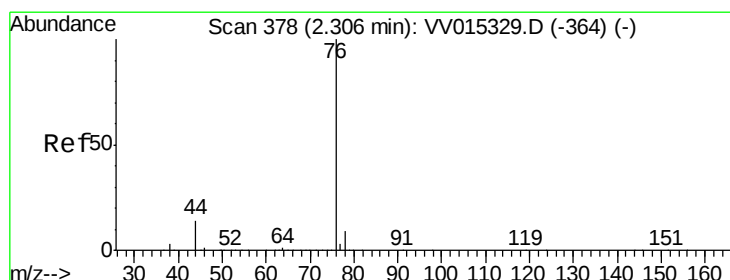
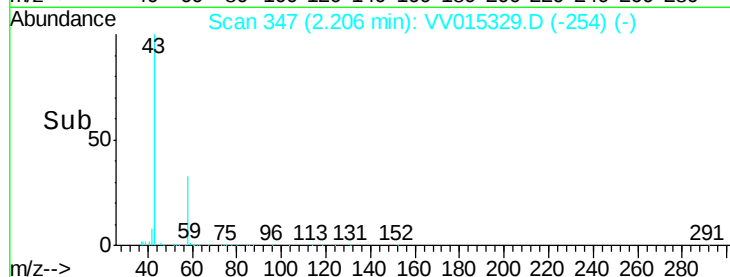
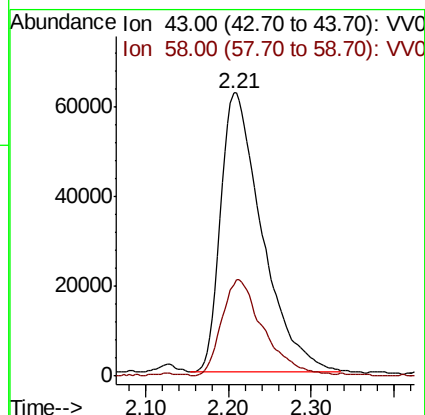
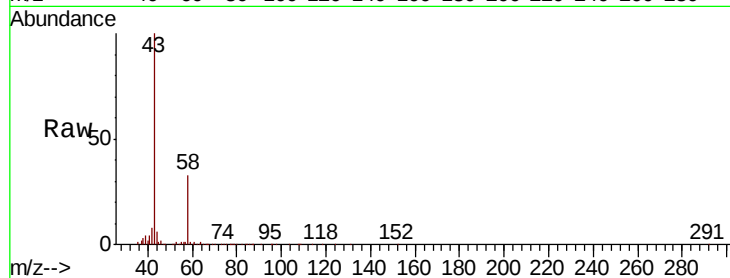
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 217240

Ion Ratio Lower Upper

43 100

58 34.1 0.0 68.2



#14

Carbon disulfide

Concen: 48.569 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VV015329.D

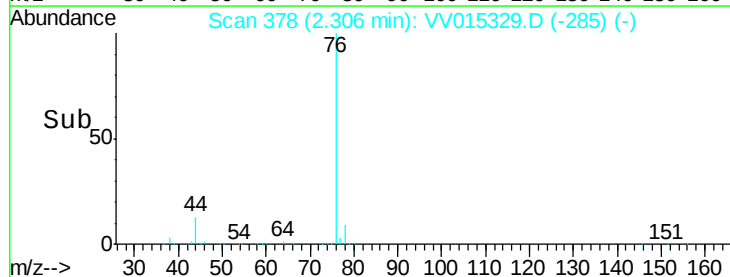
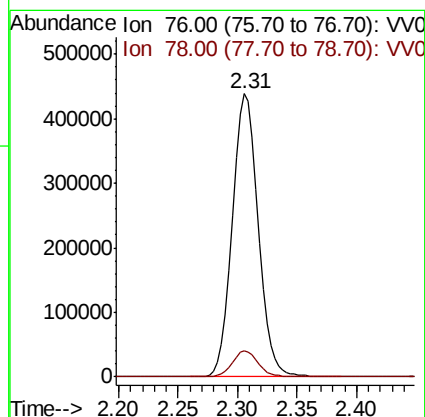
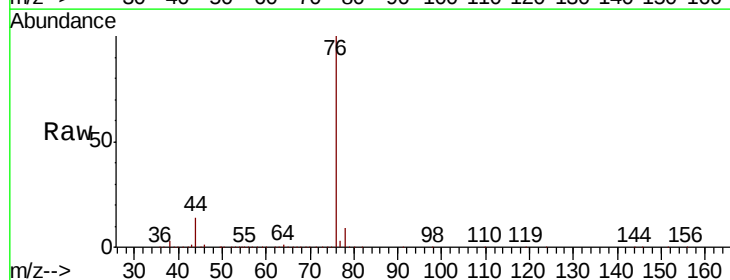
Acq: 01 Apr 2020 11:34

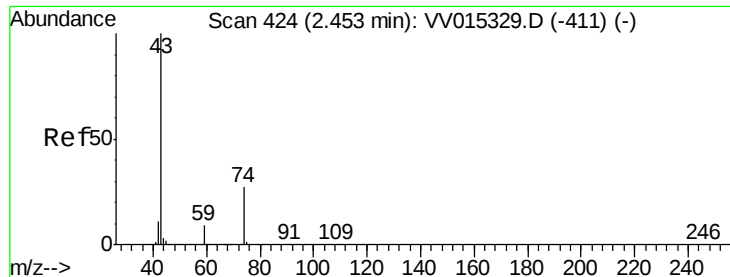
Tgt Ion: 76 Resp: 662854

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

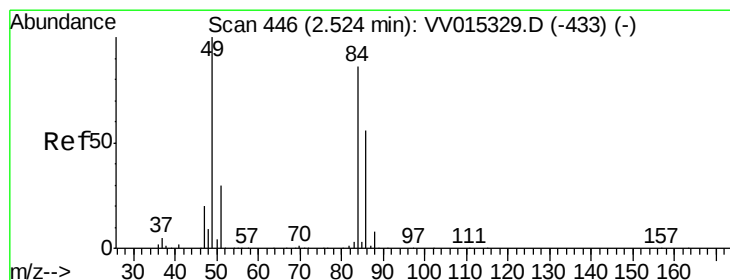
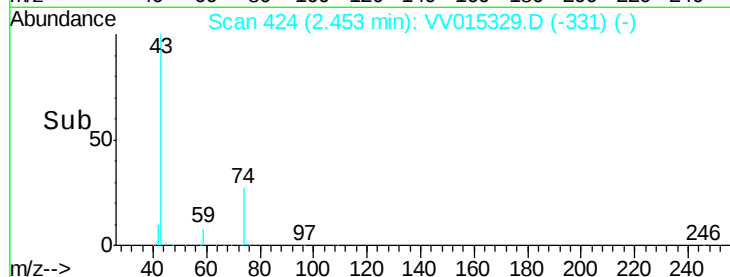
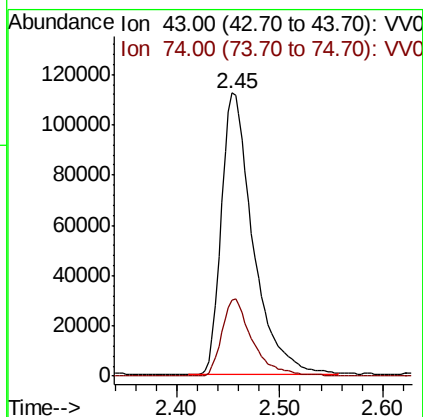
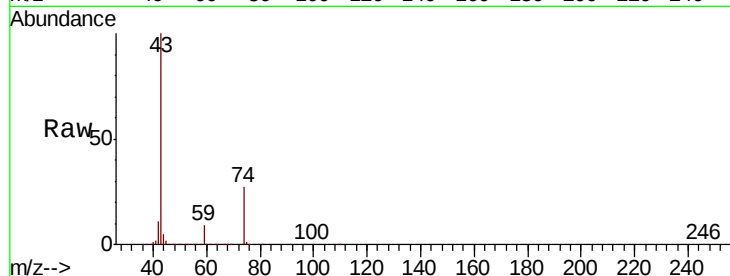




#15
Methvl Acetate
Concen: 50.789 ug/L
RT: 2.45 min Scan# 424
Delta R.T. 0.00 min
Lab File: VV015329.D
Acq: 01 Apr 2020 11:34

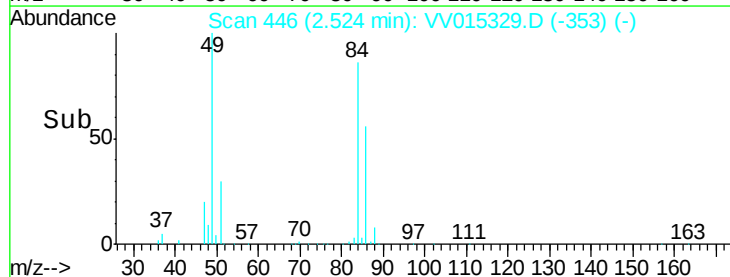
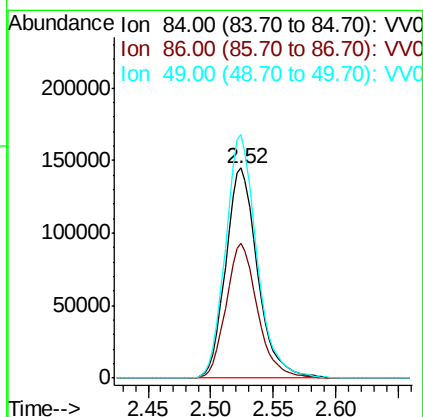
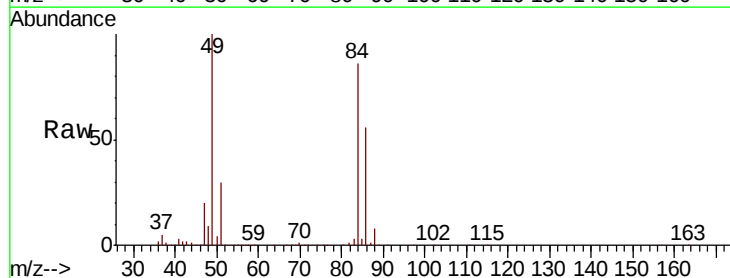
Instrument :
MSVOA_V
ClientSampleId :

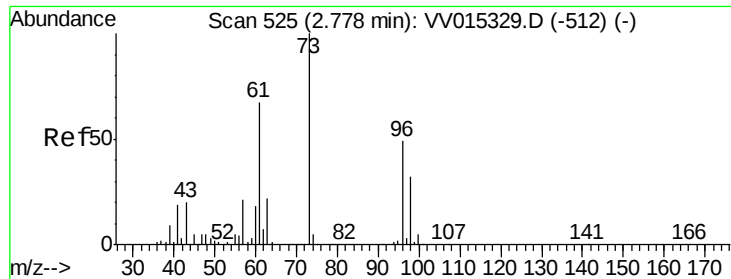
Tot Ion: 43 Resp: 241468
Ion Ratio Lower Upper
43 100
74 26.1 20.9 31.3



#16
Methylene chloride
Concen: 48.952 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV015329.D
Acq: 01 Apr 2020 11:34

Tgt Ion: 84 Resp: 255464
Ion Ratio Lower Upper
84 100
86 64.5 45.1 83.9
49 116.0 81.2 150.8

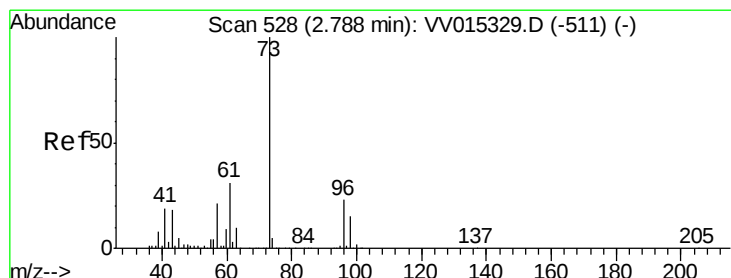
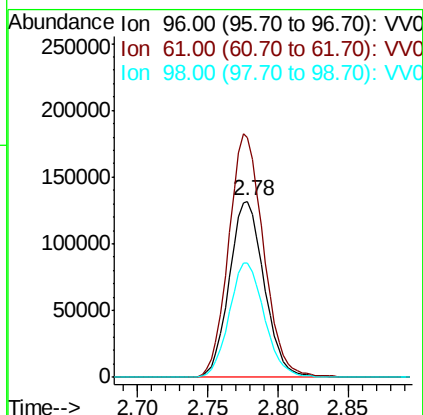
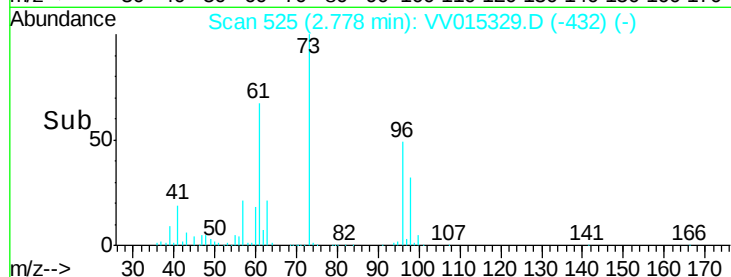
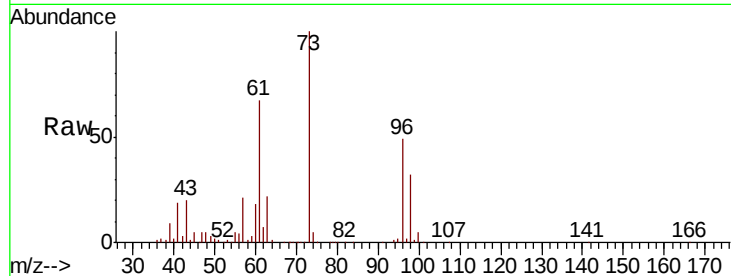




#17
trans-1,2-Dichloroethene
Concen: 48.656 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV015329.D
Acq: 01 Apr 2020 11:34

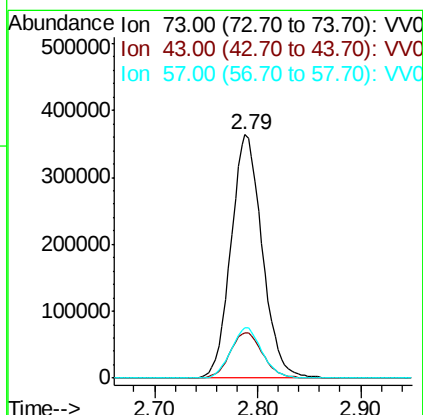
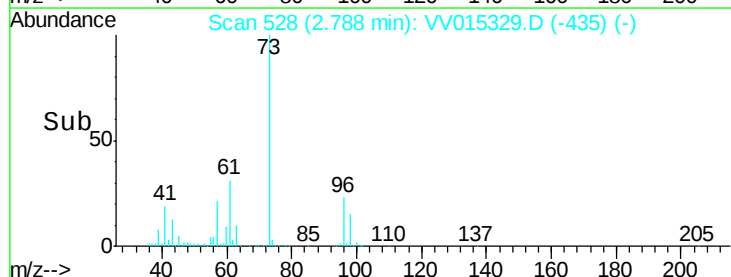
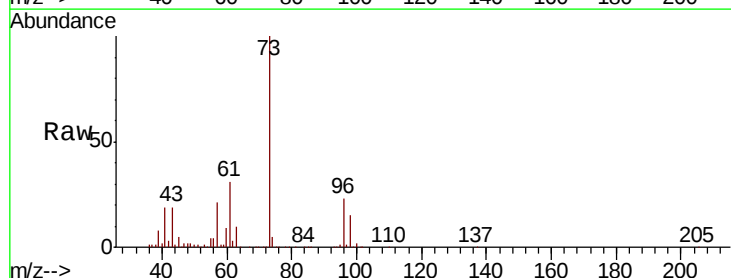
Instrument :
MSVOA_V
ClientSampled :

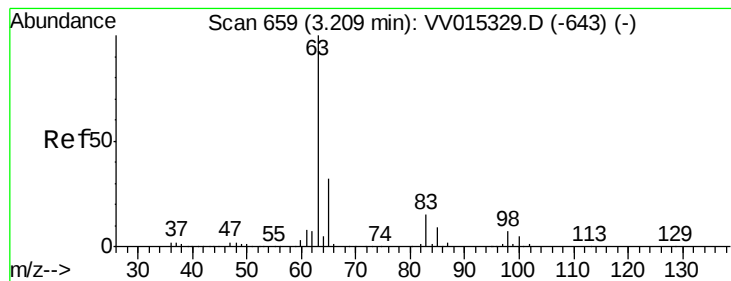
Tot Ion: 96 Resp: 229200
Ion Ratio Lower Upper
96 100
61 136.0 95.2 176.8
98 64.5 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 49.399 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV015329.D
Acq: 01 Apr 2020 11:34

Tgt Ion: 73 Resp: 767122
Ion Ratio Lower Upper
73 100
43 19.2 15.4 23.0
57 20.4 16.3 24.5





#19

1,1-Dichloroethane

Concen: 48.915 ug/L

RT: 3.21 min Scan# 659

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

Instrument :

MSVOA_V

ClientSampled :

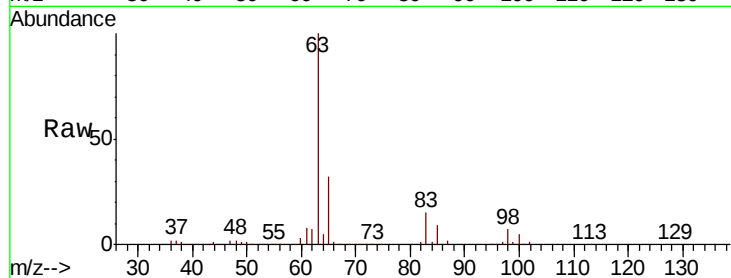
Tot Ion: 63 Resp: 419237

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.5

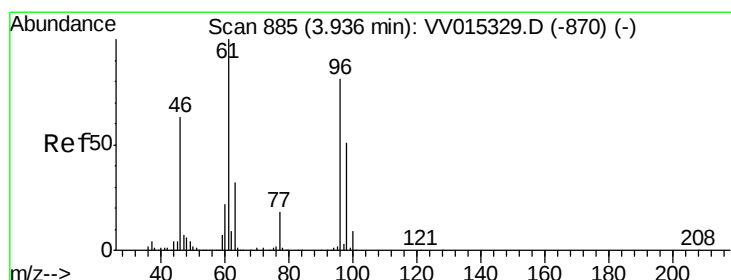
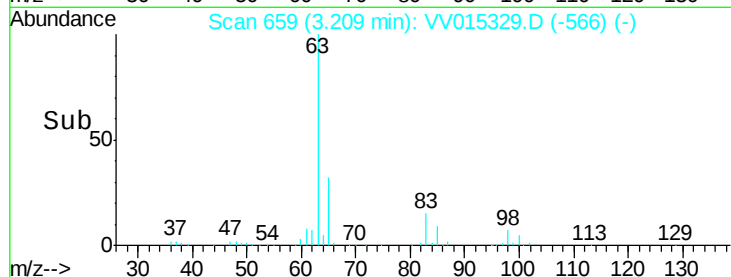
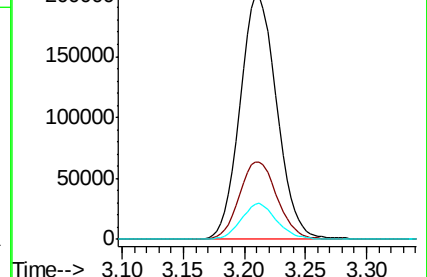
83 14.6 10.2 19.0



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: 48.509 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

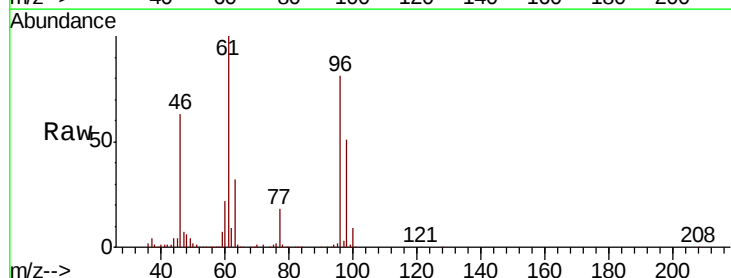
Tgt Ion: 96 Resp: 261683

Ion Ratio Lower Upper

96 100

61 123.4 86.4 160.4

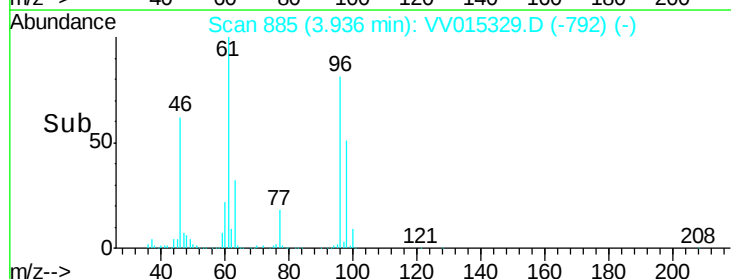
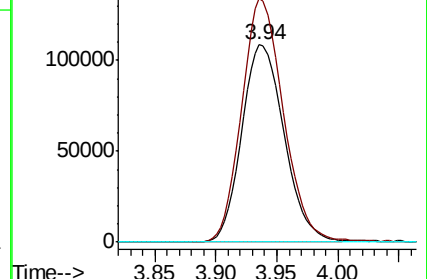
68 0.2 0.1 0.3

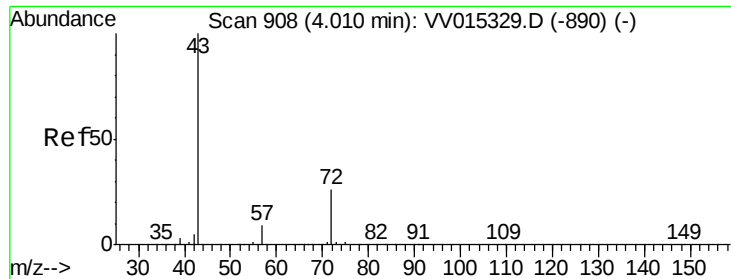


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 104.046 ug/L

RT: 4.01 min Scan# 908

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

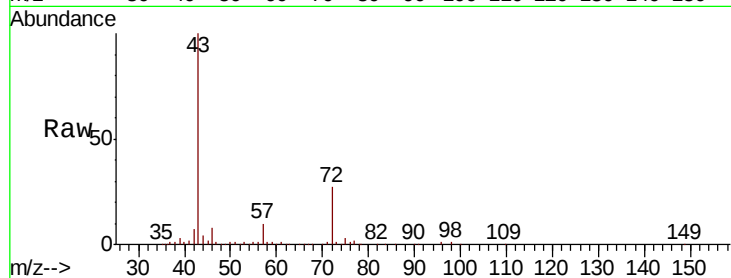
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 341361

Ion Ratio Lower Upper

43 100

72 26.5 13.3 39.8



Abundance Ion 43.00 (42.70 to 43.70): VV015329.D (-890) (-)

Ion 72.00 (71.70 to 72.70): VV015329.D (-890) (-)

4.01

100000

80000

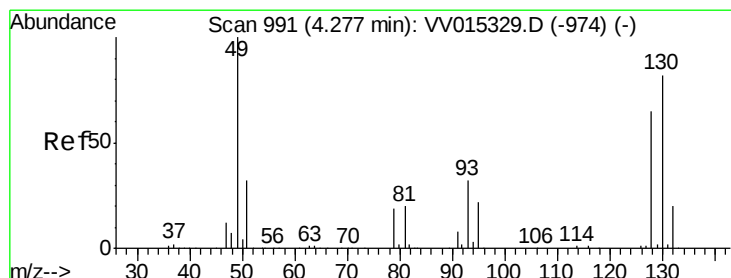
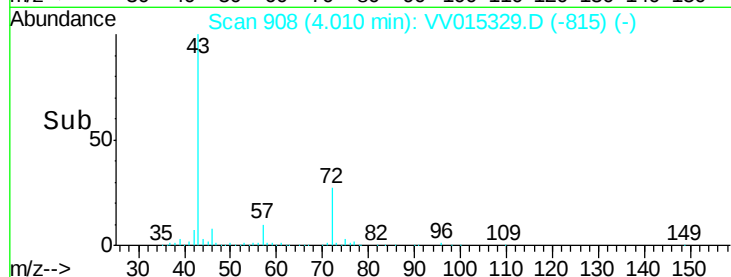
60000

40000

20000

0

Time-->



#23

Bromochloromethane

Concen: 48.486 ug/L

RT: 4.28 min Scan# 991

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

Tgt Ion:128 Resp: 131994

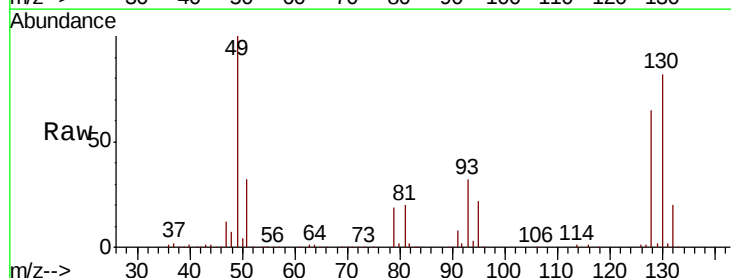
Ion Ratio Lower Upper

128 100

49 153.6 107.5 199.7

130 125.3 87.7 162.9

51 48.5 38.8 58.2



Abundance Ion 128.00 (127.70 to 128.70): VV015329.D (-898) (-)

Ion 49.00 (48.70 to 49.70): VV015329.D (-898) (-)

Ion 130.00 (129.70 to 130.70): VV015329.D (-898) (-)

Ion 51.00 (50.70 to 51.70): VV015329.D (-898) (-)

120000

100000

80000

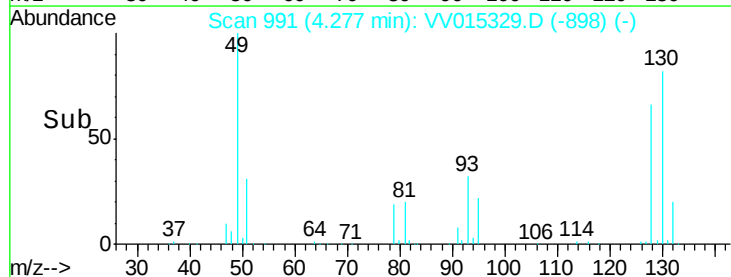
60000

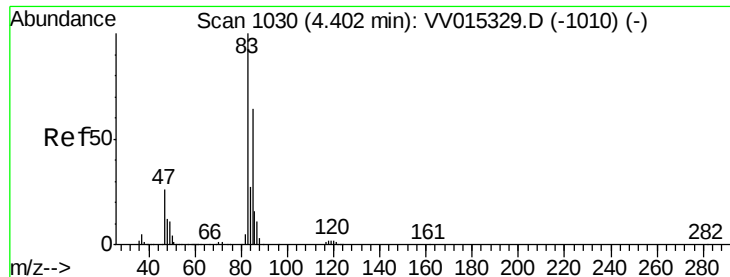
40000

20000

0

Time-->





#25

Chloroform

Concen: 48.673 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

Instrument :

MSVOA_V

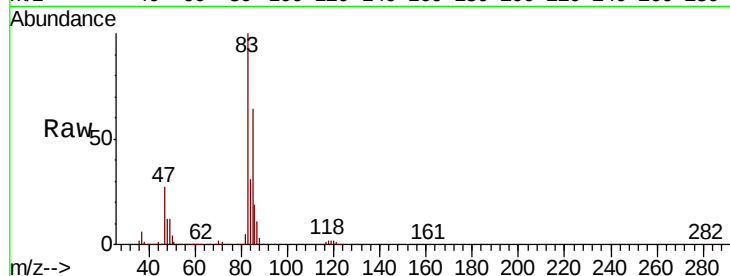
ClientSampleId :

Tot Ion: 83 Resp: 452378

Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.40

200000

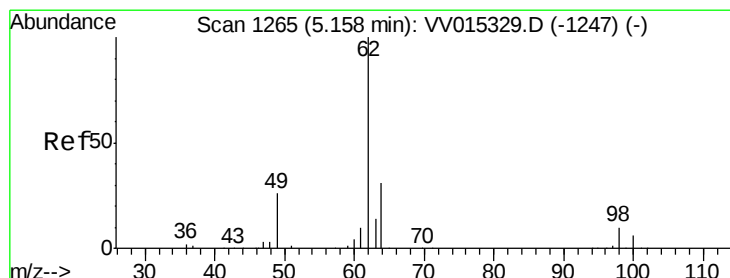
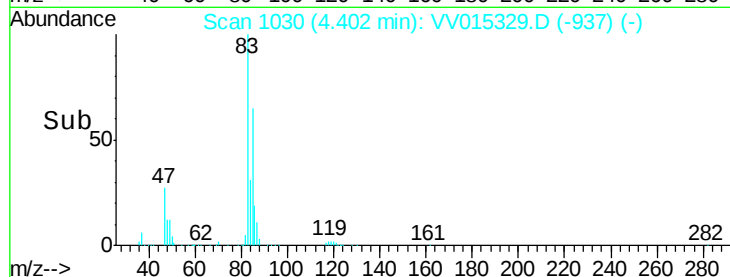
150000

100000

50000

0

Time-->



#27

1,2-Dichloroethane

Concen: 48.874 ug/L

RT: 5.16 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VV015329.D

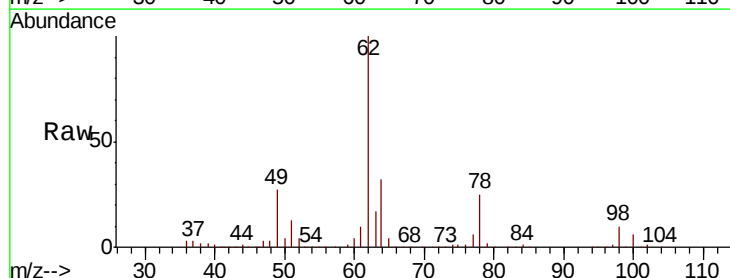
Acq: 01 Apr 2020 11:34

Tgt Ion: 62 Resp: 342123

Ion Ratio Lower Upper

62 100

98 9.9 7.9 11.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

5.16

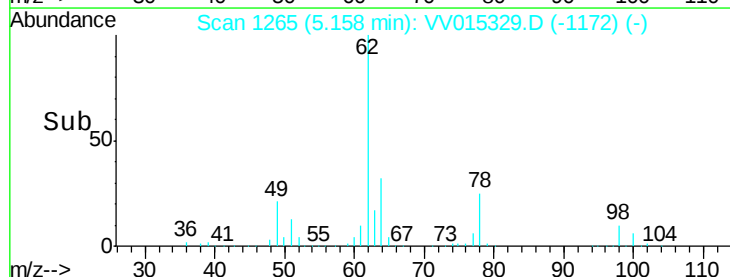
150000

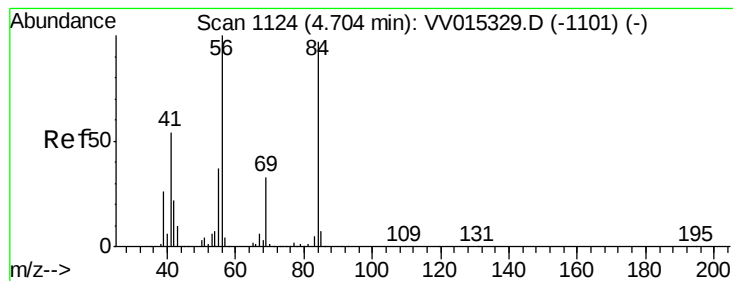
100000

50000

0

Time-->





#29

Cvclohexane

Concen: 47.138 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

Instrument :
MSVOA_V
ClientSampleId :

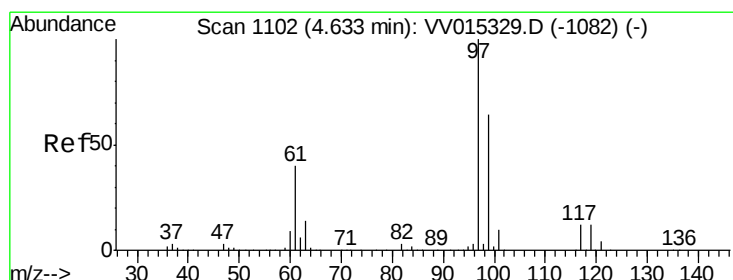
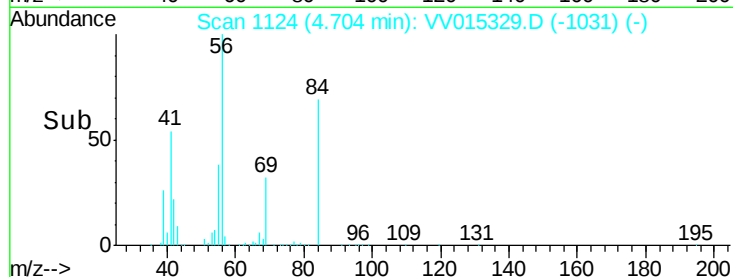
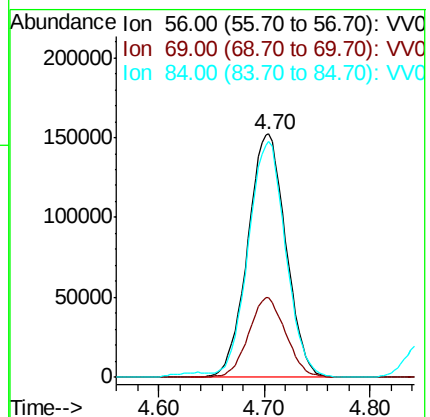
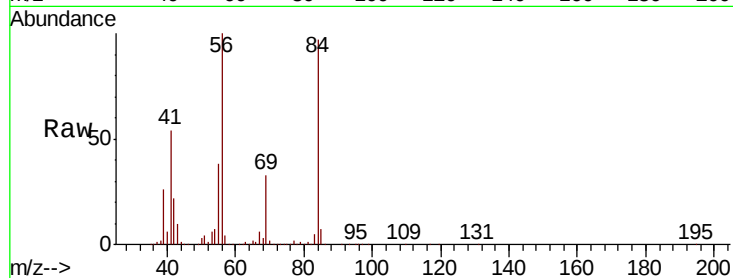
Tot Ion: 56 Resp: 382741

Ion Ratio Lower Upper

56 100

69 31.9 25.5 38.3

84 95.4 76.3 114.5



#30

1,1,1-Trichloroethane

Concen: 48.059 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

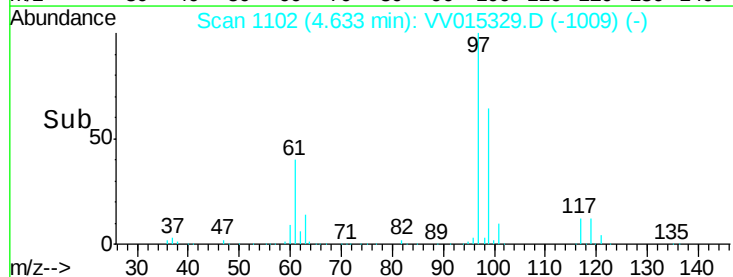
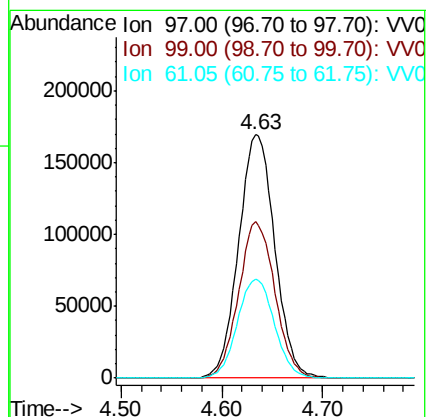
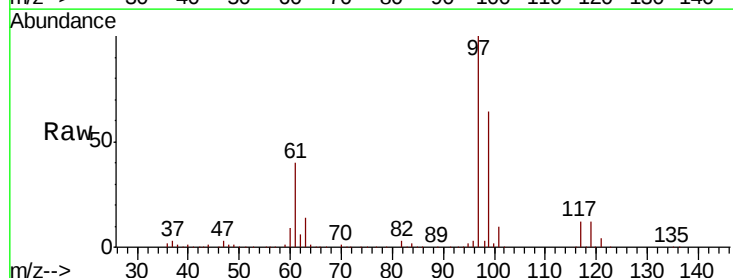
Tgt Ion: 97 Resp: 421454

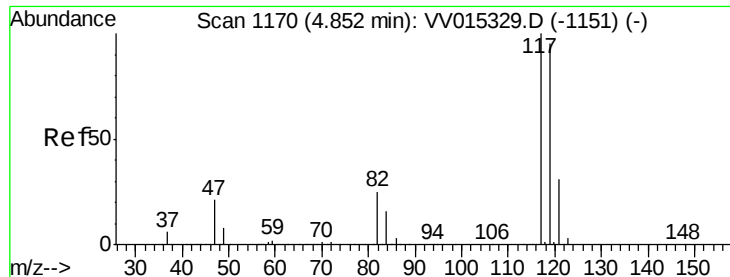
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 41.7 33.4 50.0

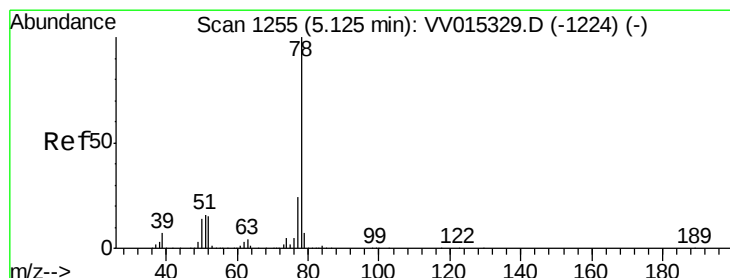
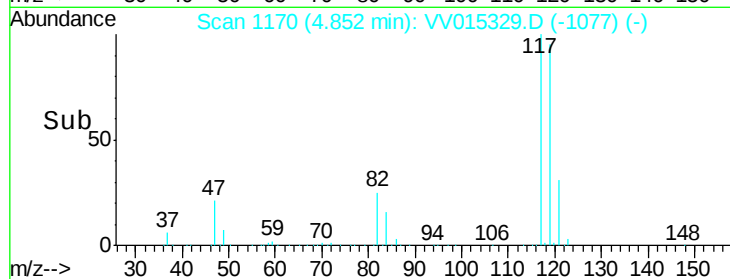
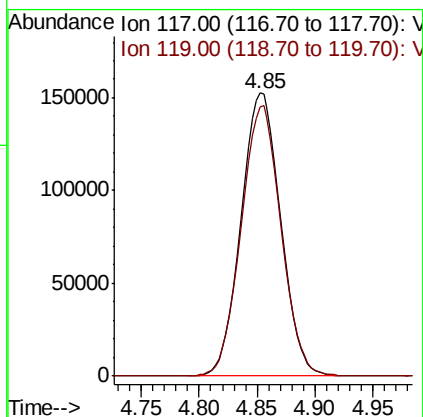
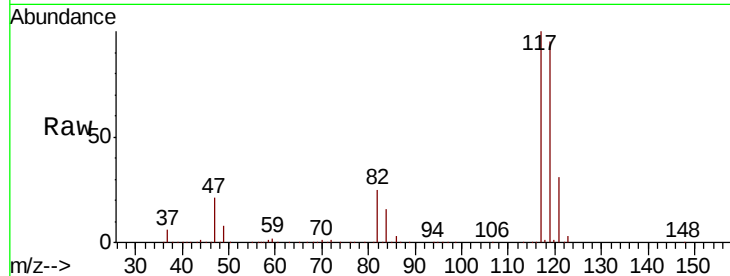




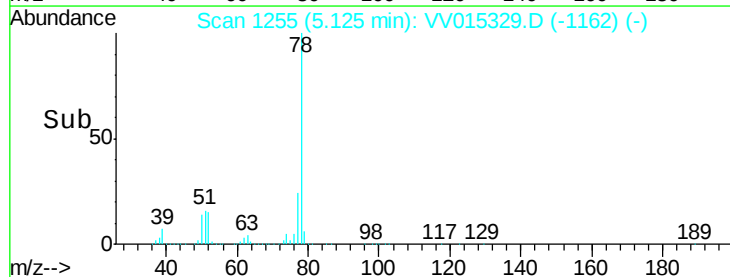
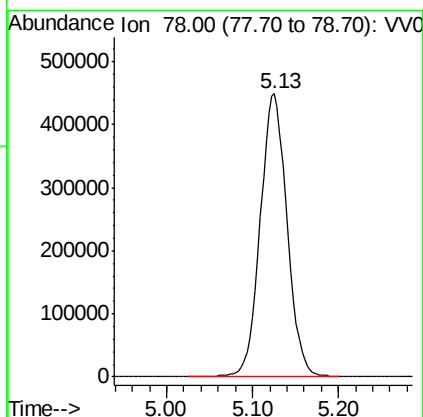
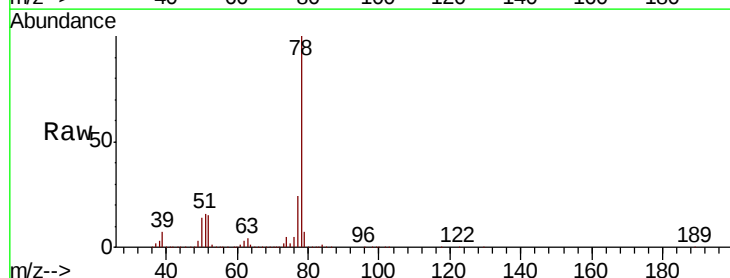
#31
Carbon tetrachloride
Concen: 48.495 ug/L
RT: 4.85 min Scan# 1170
Delta R.T. 0.00 min
Lab File: VV015329.D
Acq: 01 Apr 2020 11:34

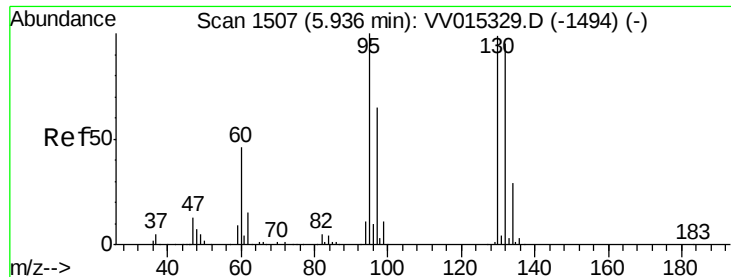
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:117 Resp: 363606
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2



#33
Benzene
Concen: 48.410 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015329.D
Acq: 01 Apr 2020 11:34
Tgt Ion: 78 Resp: 977861

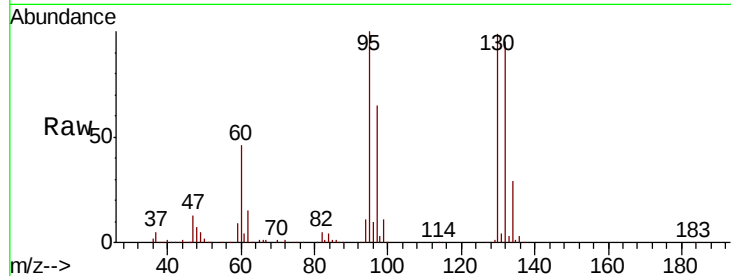




#34
 Trichloroethene
 Concen: 47.896 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV015329.D
 Acq: 01 Apr 2020 11:34

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	95	Resp	256171
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.4	84.2
132	95.5	66.8	124.2
130	99.1	69.4	128.8



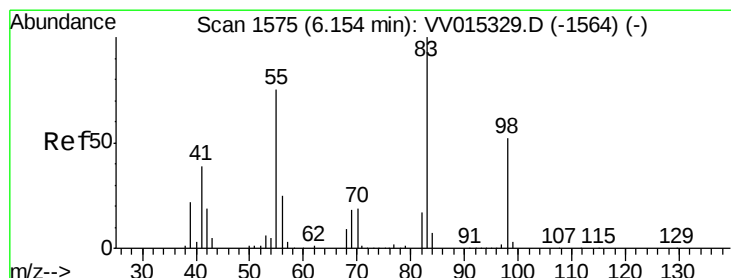
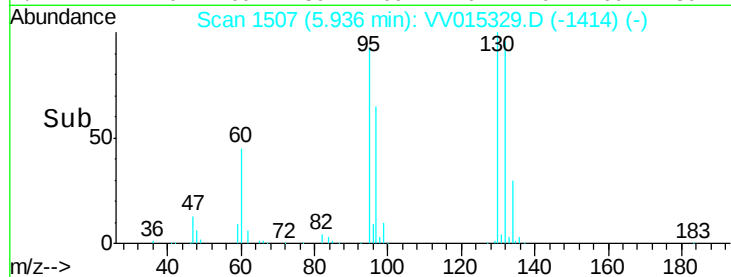
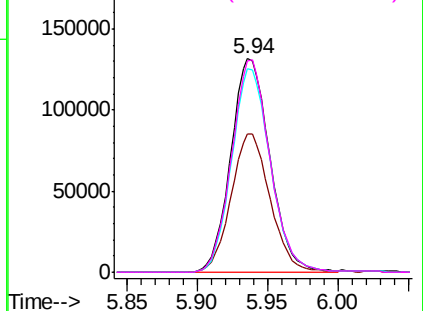
Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

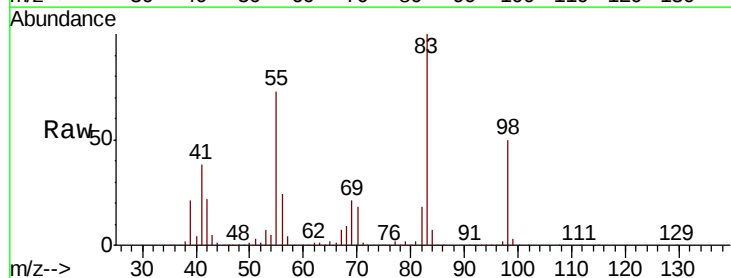
Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35
 Methylcyclohexane
 Concen: 47.367 ug/L
 RT: 6.15 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VV015329.D
 Acq: 01 Apr 2020 11:34

Tgt Ion	83	Resp	415057
Ion	Ratio	Lower	Upper
83	100		
55	72.4	57.9	86.9
98	50.0	40.0	60.0

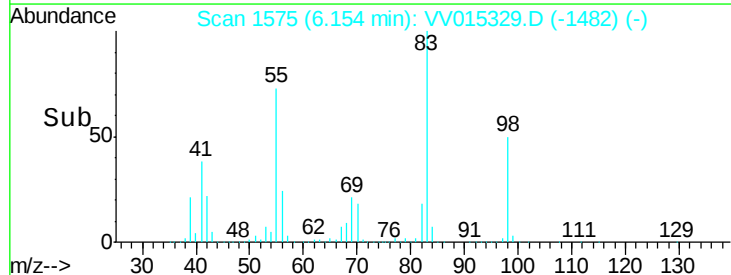
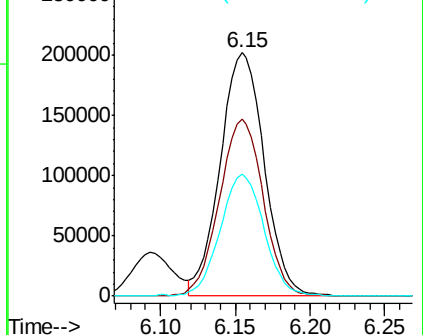


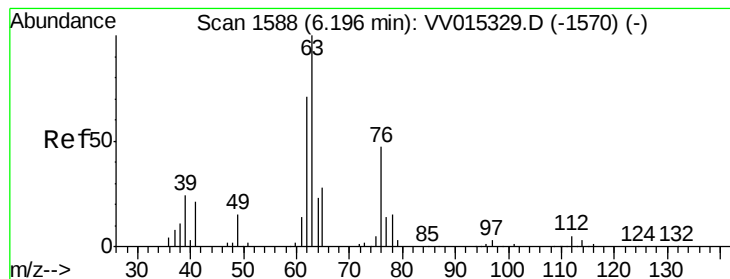
Abundance

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: 49.306 ug/L

RT: 6.20 min Scan# 1588

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

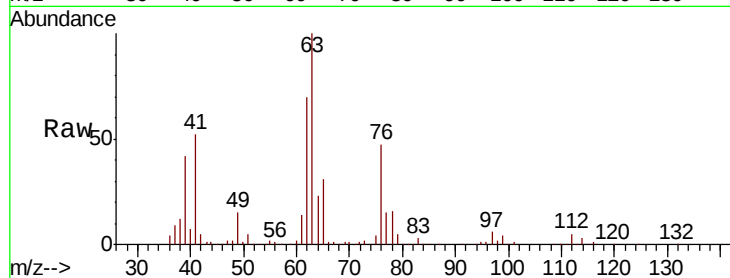
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 63 Resp: 244439

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



Abundance Ion 63.00 (62.70 to 63.70): VV015329.D (-1570) (-)

Ion 112.00 (111.70 to 112.70): VV015329.D (-1570) (-)

6.20

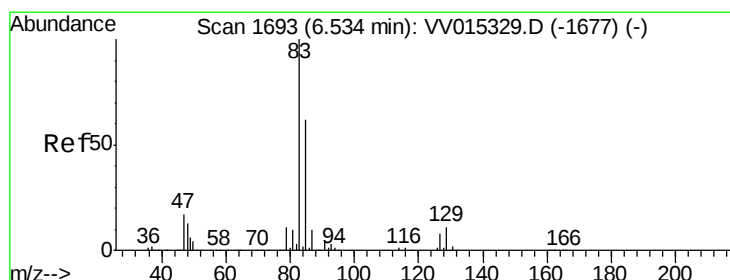
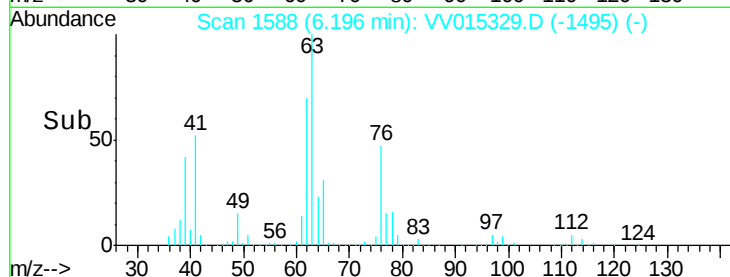
100000

50000

0

6.10 6.15 6.20 6.25 6.30

Time-->



#38

Bromodichloromethane

Concen: 48.822 ug/L

RT: 6.53 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

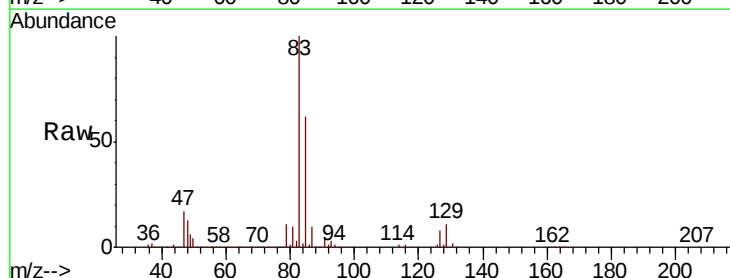
Tgt Ion: 83 Resp: 354841

Ion Ratio Lower Upper

83 100

85 62.2 43.5 80.9

127 8.3 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VV015329.D (-1677) (-)

Ion 85.00 (84.70 to 85.70): VV015329.D (-1677) (-)

Ion 127.00 (126.70 to 127.70): VV015329.D (-1677) (-)

6.53

250000

200000

150000

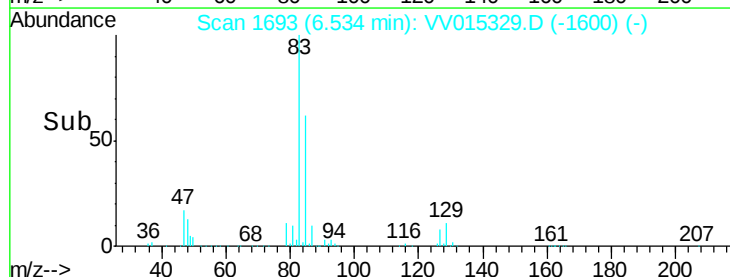
100000

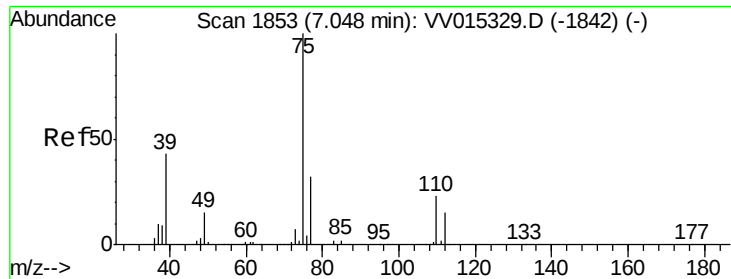
50000

0

6.45 6.50 6.55 6.60

Time-->

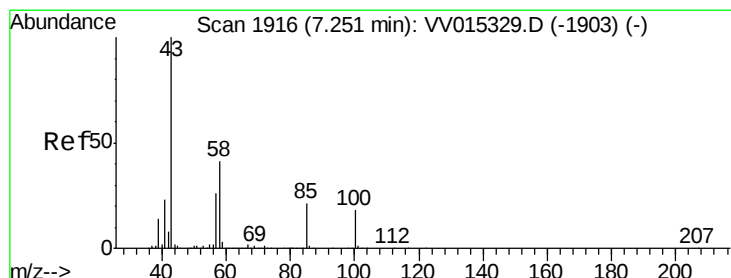
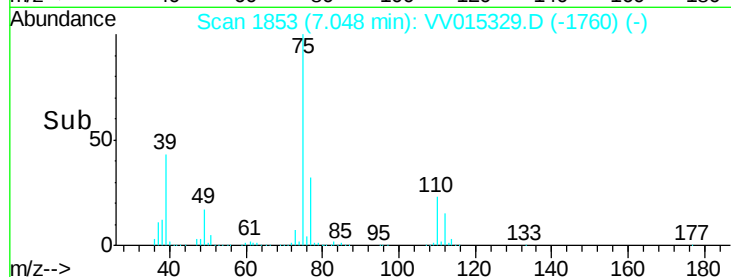
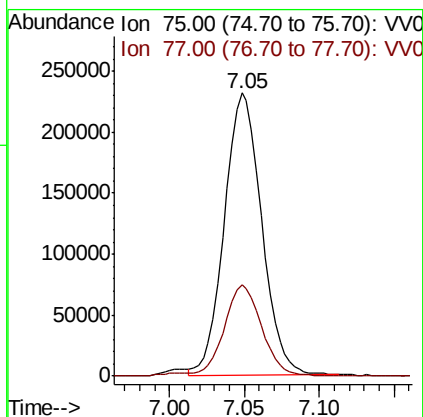
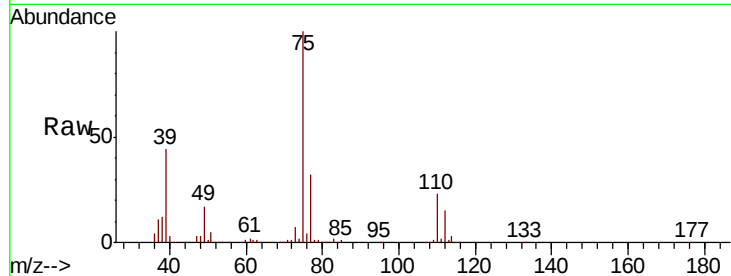




#39
 cis-1,3-Dichloropropene
 Concen: 48.312 ug/L
 RT: 7.05 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VV015329.D
 Acq: 01 Apr 2020 11:34

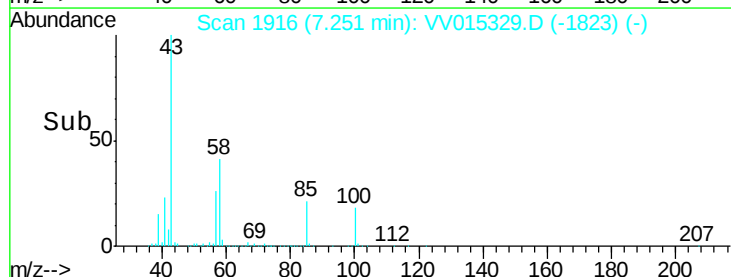
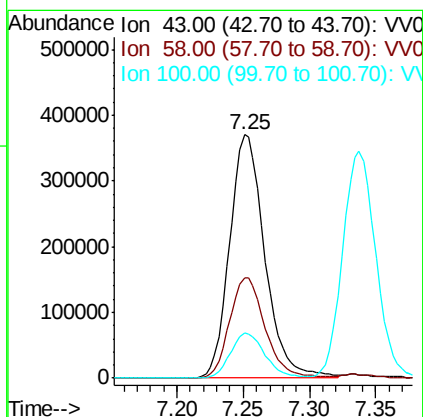
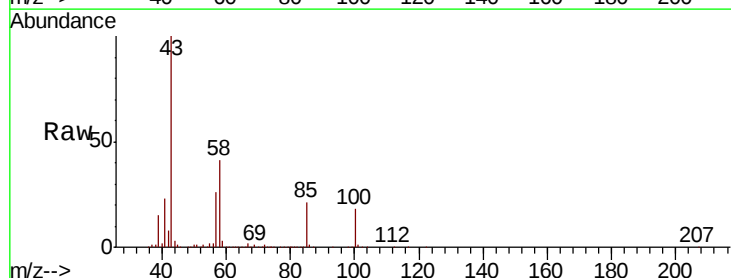
Instrument :
 MSVOA_V
 ClientSampled :

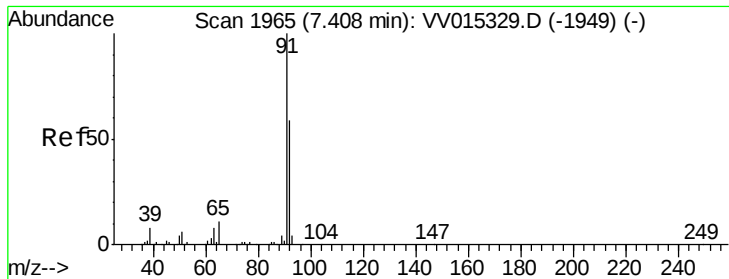
Tot Ion: 75 Resp: 402502
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 97.927 ug/L
 RT: 7.25 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VV015329.D
 Acq: 01 Apr 2020 11:34

Tgt Ion: 43 Resp: 682486
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.3 49.9
 100 18.3 14.6 22.0





#42

Toluene

Concen: 48.705 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

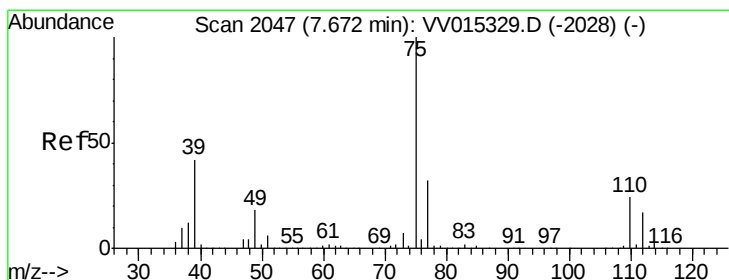
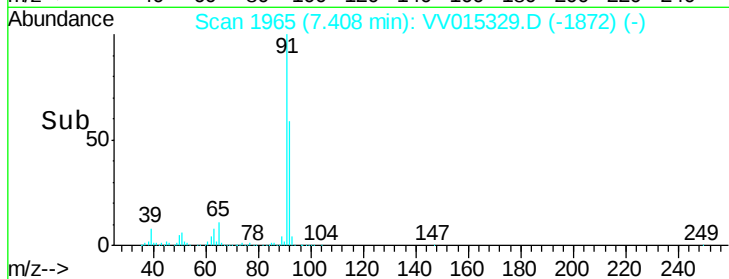
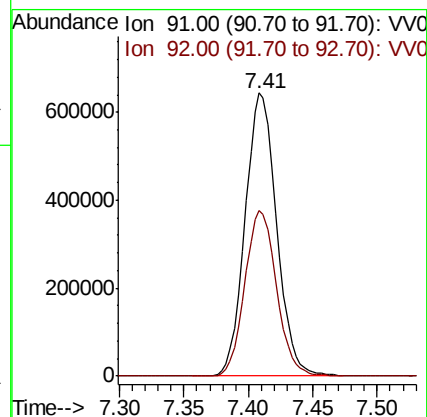
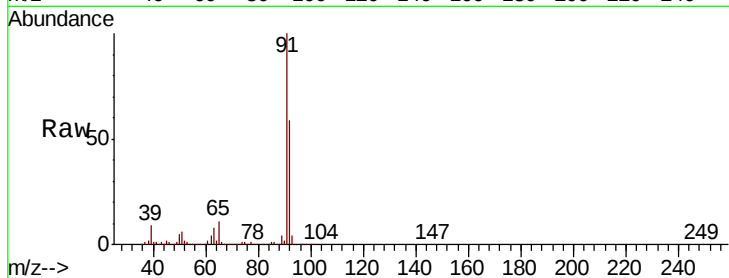
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 1093359

Ion Ratio Lower Upper

91 100

92 58.6 41.0 76.2



#44

trans-1,3-Dichloropropene

Concen: 48.756 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VV015329.D

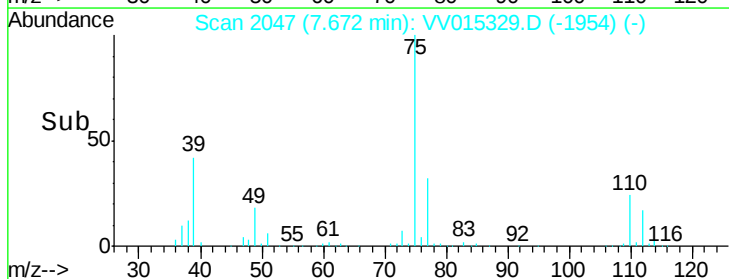
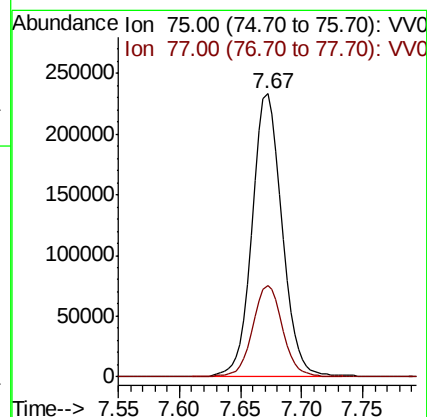
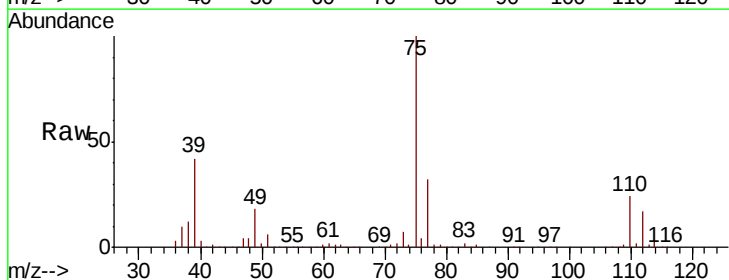
Acq: 01 Apr 2020 11:34

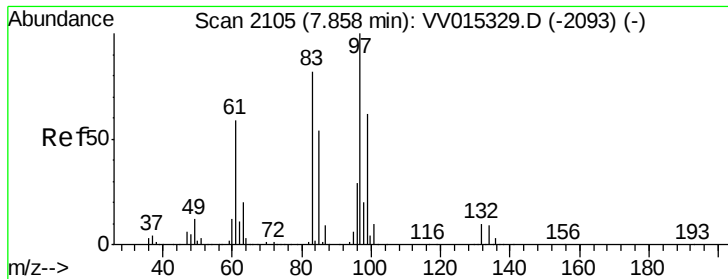
Tgt Ion: 75 Resp: 394704

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7

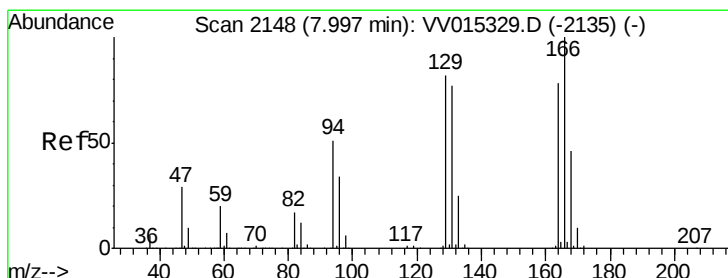
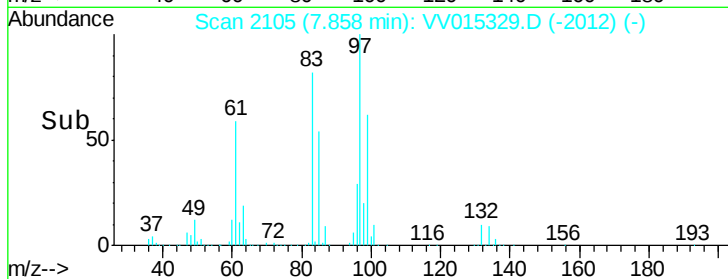
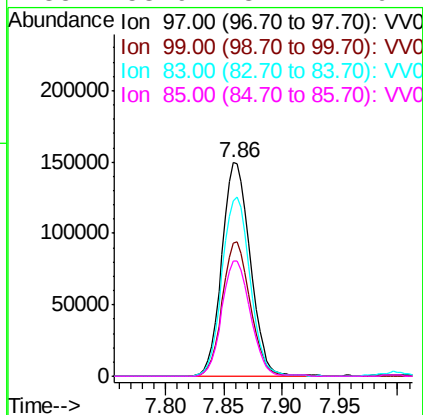
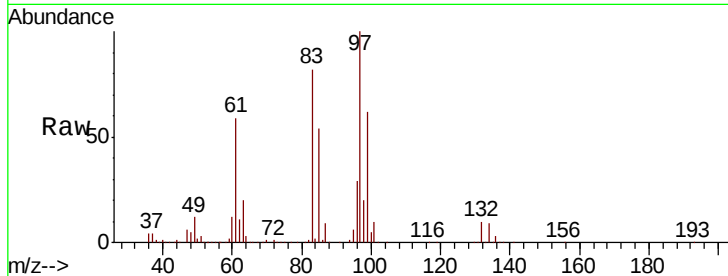




#45
 1,1,2-Trichloroethane
 Concen: 48.636 ug/L
 RT: 7.86 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: VV015329.D
 Acq: 01 Apr 2020 11:34

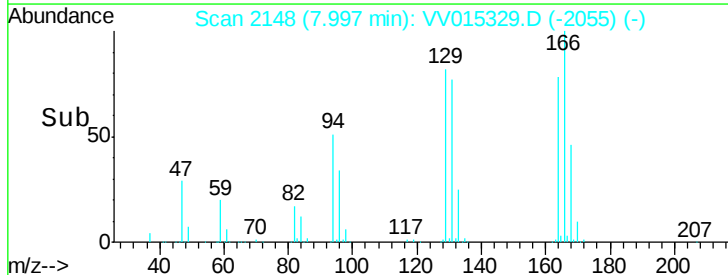
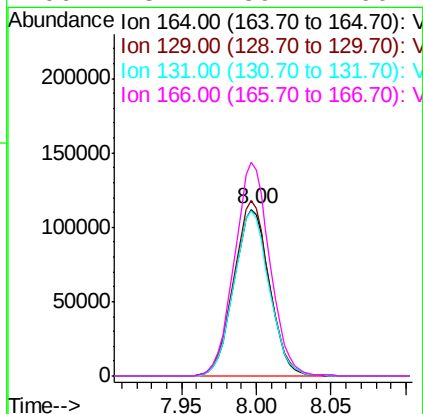
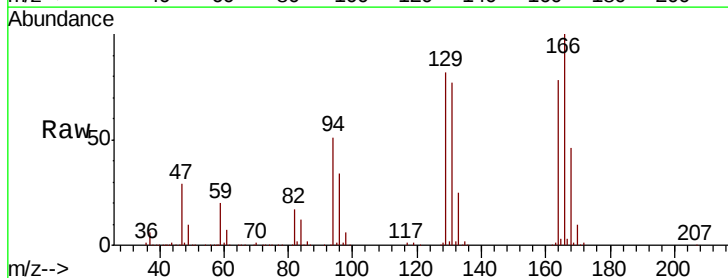
Instrument :
 MSVOA_V
 ClientSampleId :

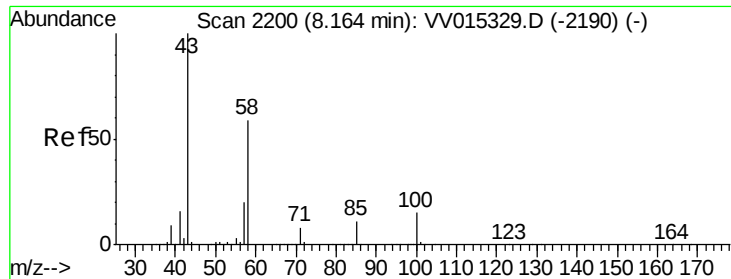
Tot Ion:	97	Resp:	254263
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.5	80.7
83	81.9	57.3	106.5
85	53.9	37.7	70.1



#46
 Tetrachloroethene
 Concen: 48.412 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV015329.D
 Acq: 01 Apr 2020 11:34

Tgt Ion:	164	Resp:	185631
Ion	Ratio	Lower	Upper
164	100		
129	105.4	73.8	137.0
131	99.2	69.4	129.0
166	128.2	89.7	166.7

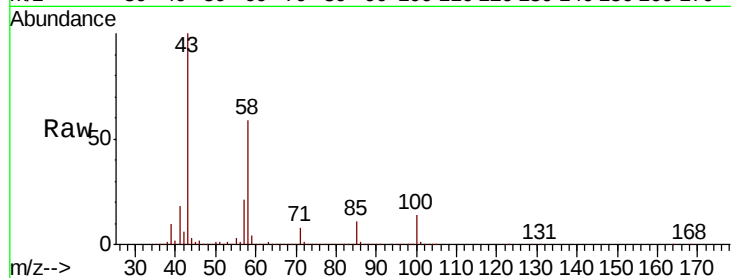




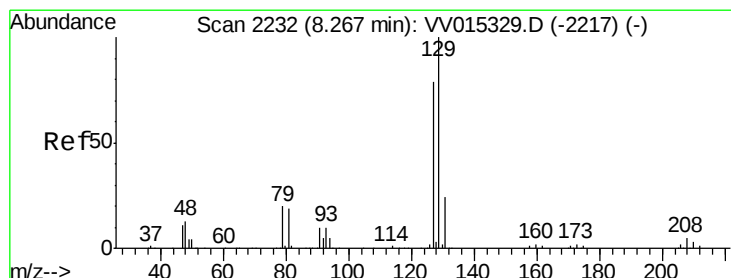
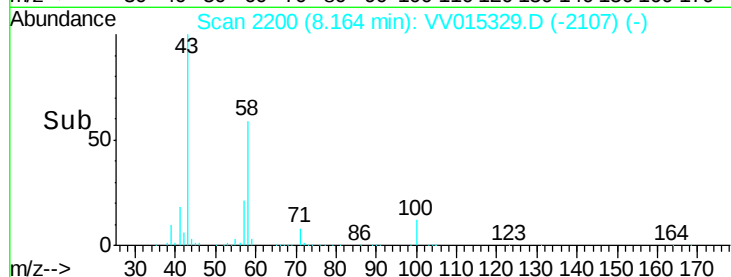
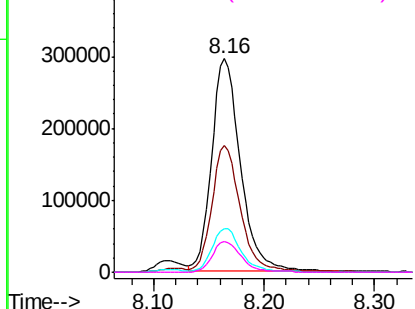
#48
2-Hexanone
Concen: 101.545 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV015329.D
Acq: 01 Apr 2020 11:34

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 535903
Ion Ratio Lower Upper
43 100
58 59.3 47.4 71.2
57 20.9 16.7 25.1
100 14.4 11.5 17.3

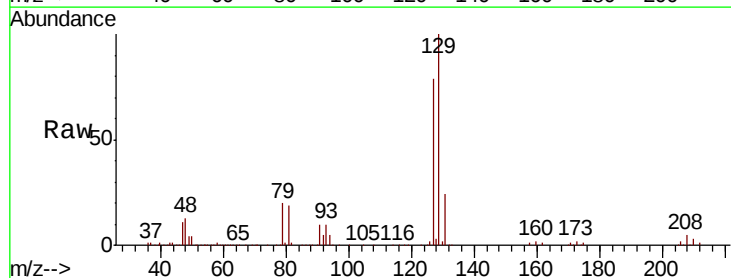


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

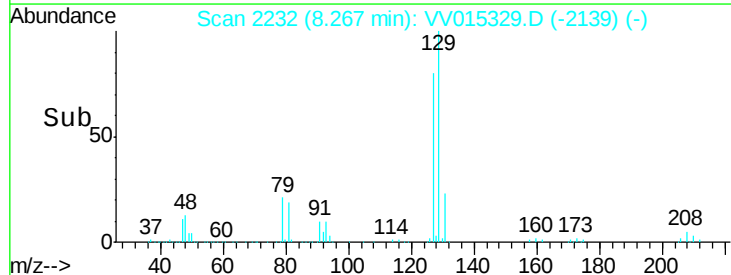
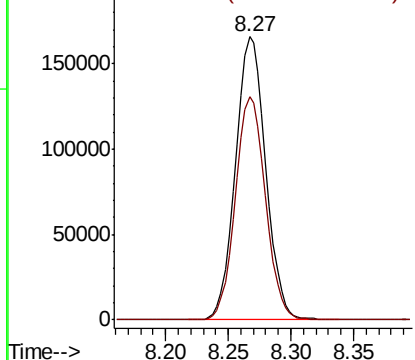


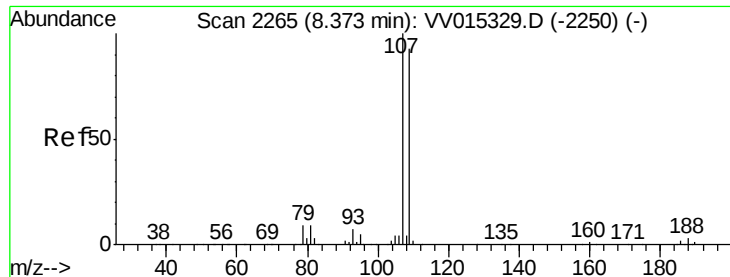
#49
Dibromochloromethane
Concen: 48.555 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. 0.00 min
Lab File: VV015329.D
Acq: 01 Apr 2020 11:34

Tgt Ion: 129 Resp: 277989
Ion Ratio Lower Upper
129 100
127 78.9 55.2 102.6



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

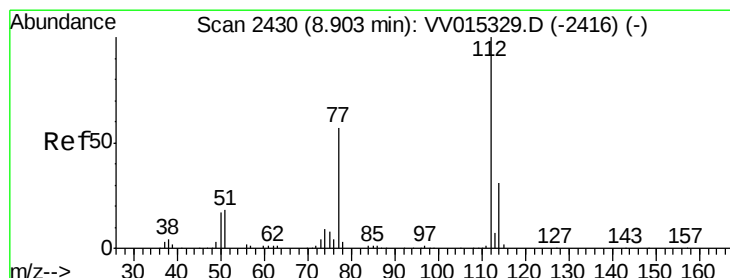
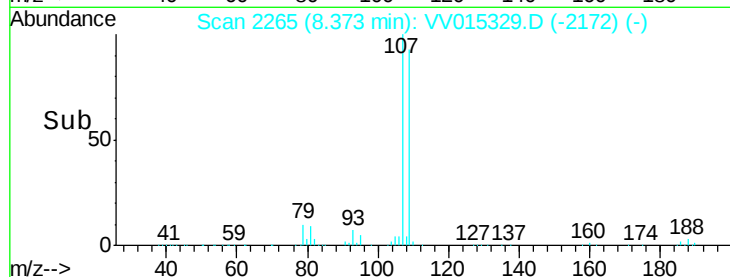
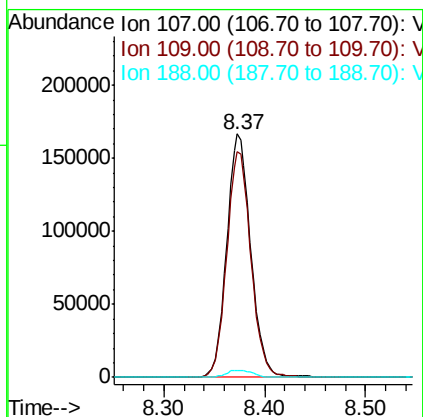
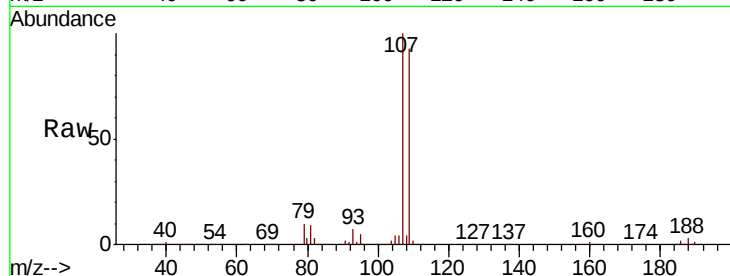




#50
 1,2-Dibromoethane
 Concen: 49.527 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.00 min
 Lab File: VV015329.D
 Acq: 01 Apr 2020 11:34

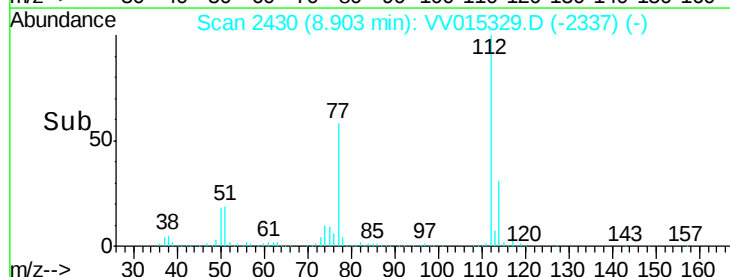
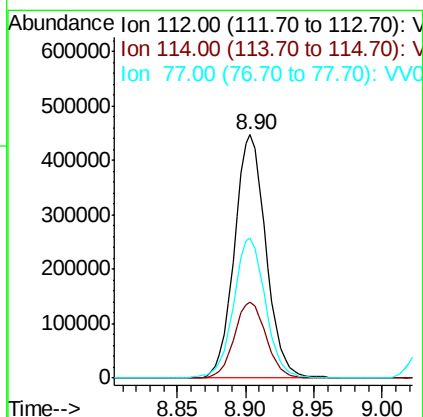
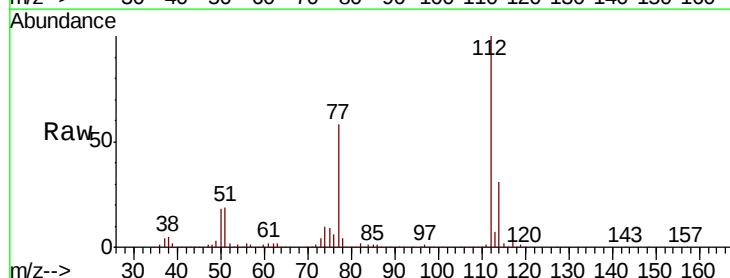
Instrument :
 MSVOA_V
 ClientSampleId :

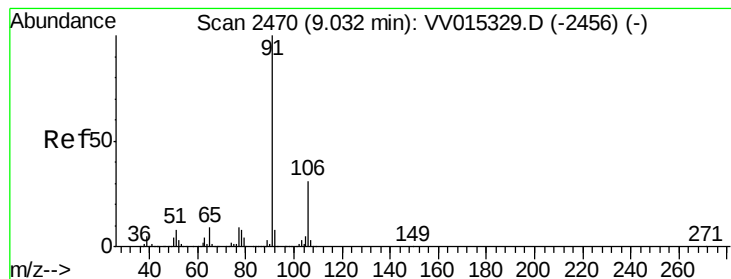
Tot Ion	Ratio	Lower	Upper
107	100		
109	92.9	65.0	120.8
188	3.0	2.4	3.6



#51
 Chlorobenzene
 Concen: 48.681 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV015329.D
 Acq: 01 Apr 2020 11:34

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.1	21.8	40.4
77	57.7	46.2	69.2





#52

Ethylbenzene

Concen: 49.109 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

Instrument :

MSVOA_V

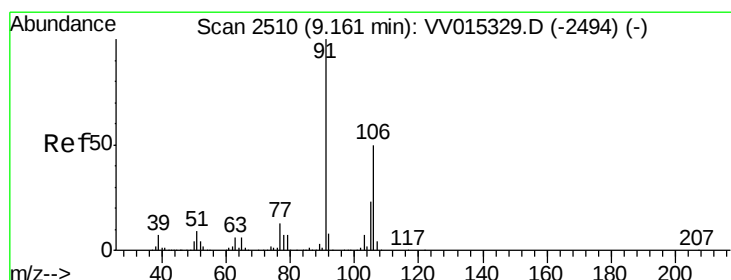
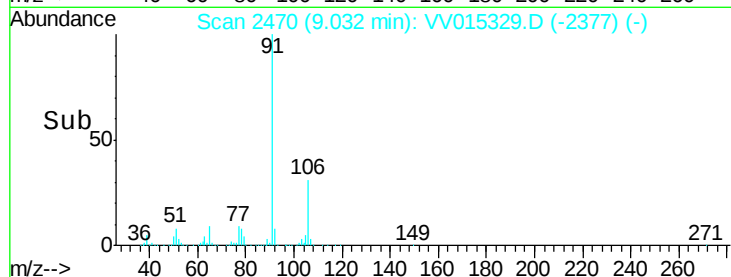
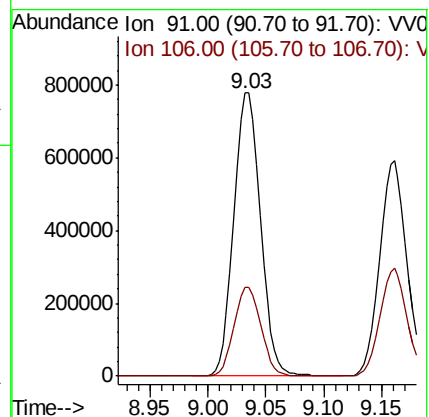
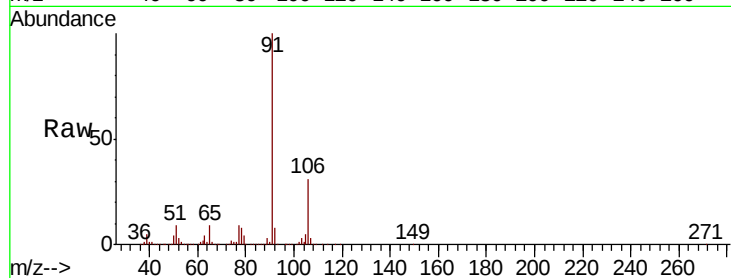
ClientSampleId :

Tot Ion: 91 Resp: 1237395

Ion Ratio Lower Upper

91 100

106 31.2 21.8 40.6



#53

m,p-Xylene

Concen: 49.756 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV015329.D

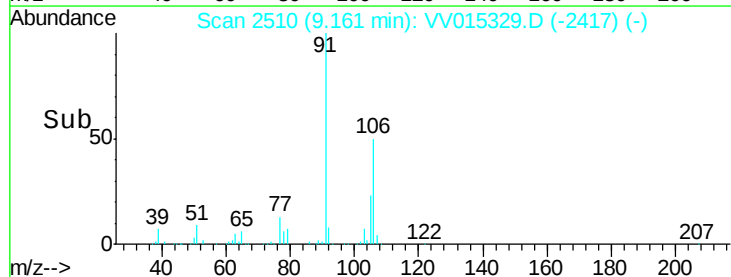
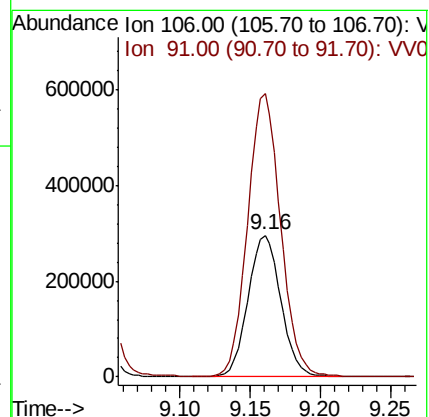
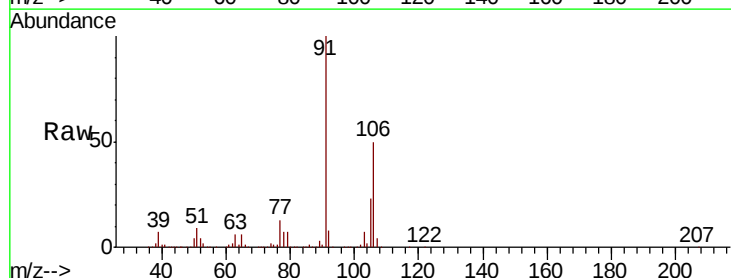
Acq: 01 Apr 2020 11:34

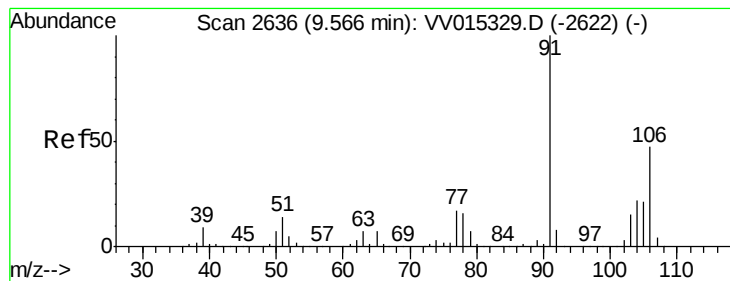
Tgt Ion: 106 Resp: 482755

Ion Ratio Lower Upper

106 100

91 199.6 139.7 259.5





#54

o-xylene

Concen: 49.391 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

Instrument :

MSVOA_V

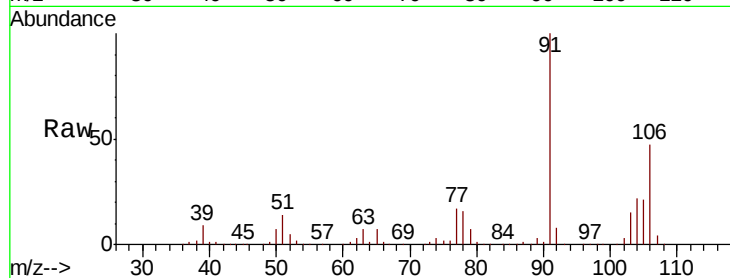
ClientSampleId :

Tot Ion:106 Resp: 480013

Ion Ratio Lower Upper

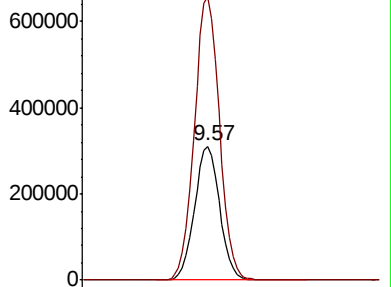
106 100

91 211.4 148.0 274.8

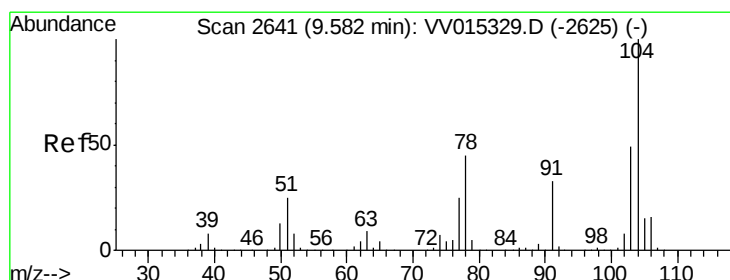
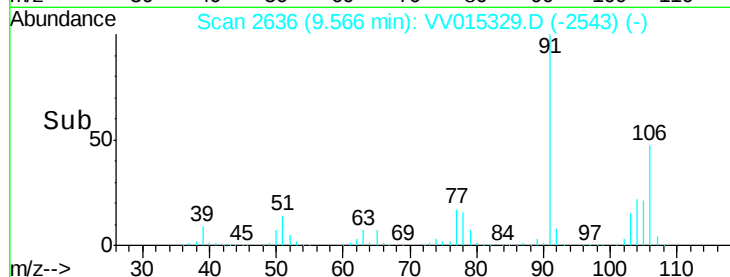


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



Time-->



#55

Styrene

Concen: 49.503 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. 0.00 min

Lab File: VV015329.D

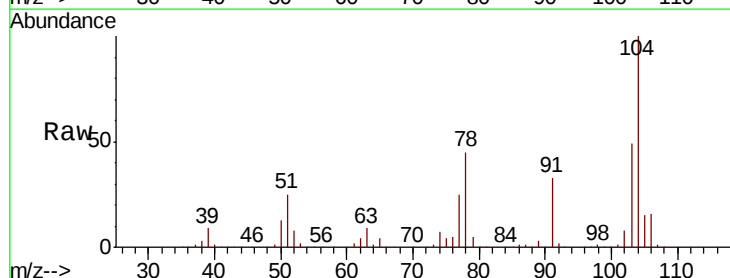
Acq: 01 Apr 2020 11:34

Tgt Ion:104 Resp: 800025

Ion Ratio Lower Upper

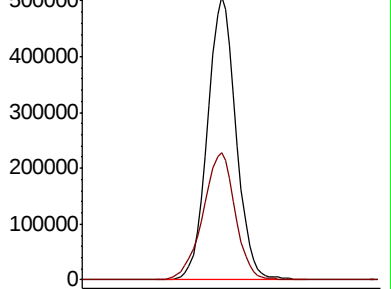
104 100

78 45.0 31.5 58.5

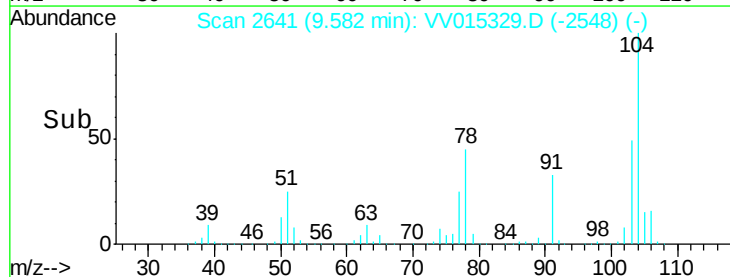


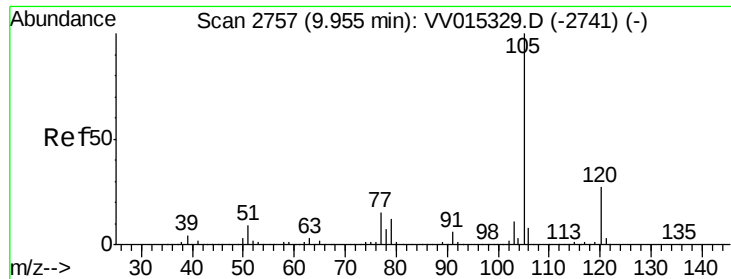
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0



Time-->





#56

Isopropylbenzene

Concen: 49.556 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

Instrument :

MSVOA_V

ClientSampleId :

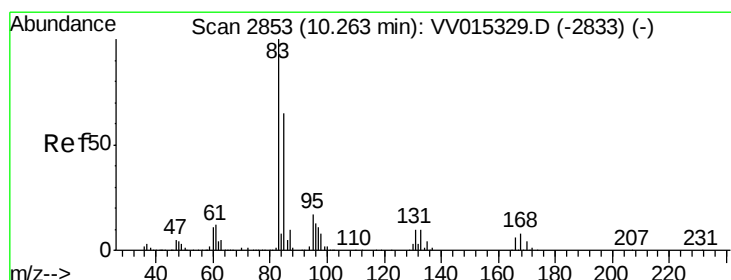
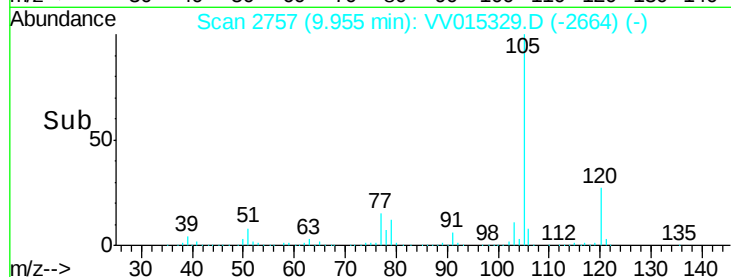
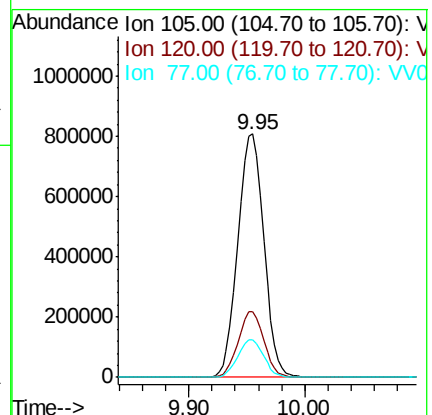
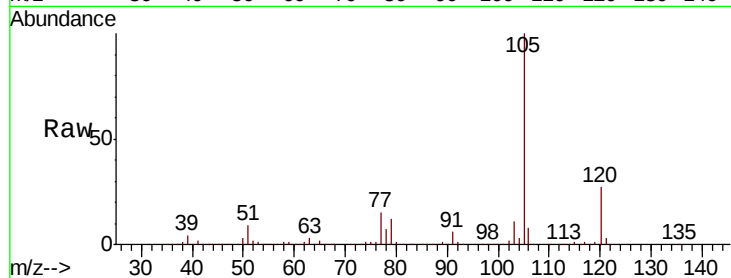
Tot Ion:105 Resp: 1247568

Ion Ratio Lower Upper

105 100

120 26.7 21.4 32.0

77 15.5 12.4 18.6



#58

1,1,2,2-Tetrachloroethane

Concen: 48.173 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

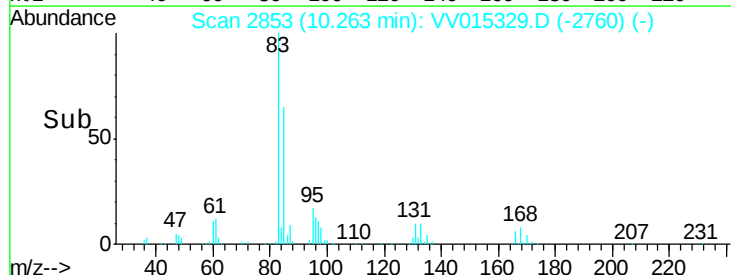
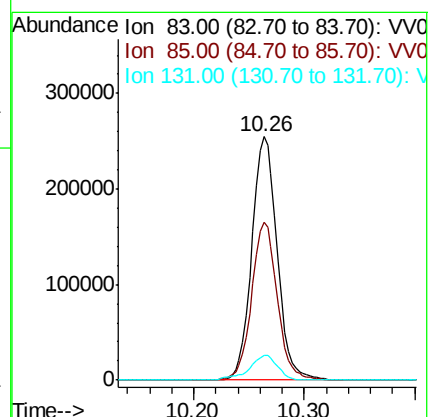
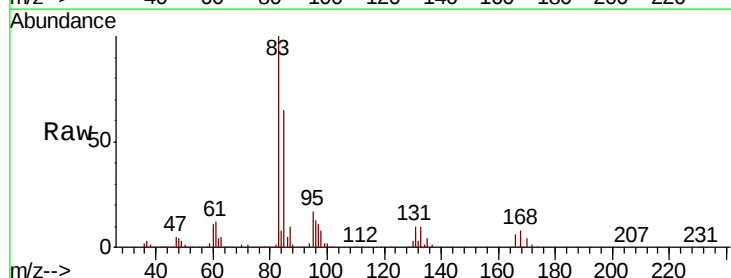
Tgt Ion: 83 Resp: 404319

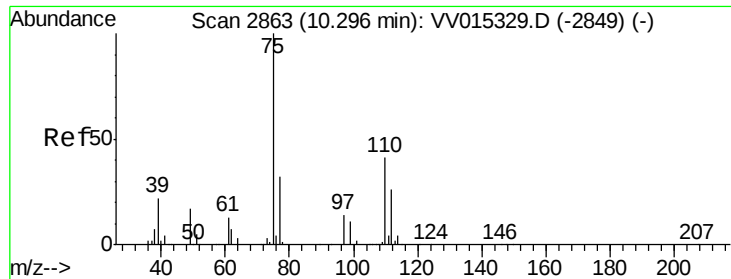
Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.4

131 10.0 8.0 12.0





#59

1,2,3-Trichloropropane

Concen: 48.665 ug/L

RT: 10.30 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

Instrument :

MSVOA_V

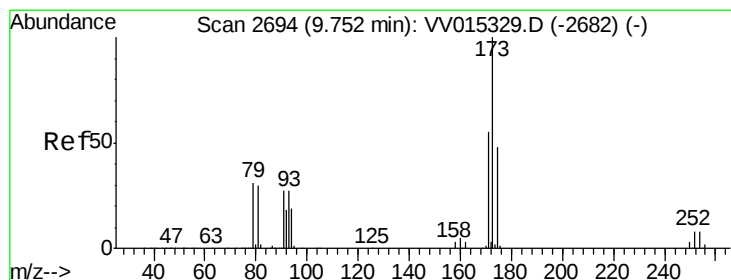
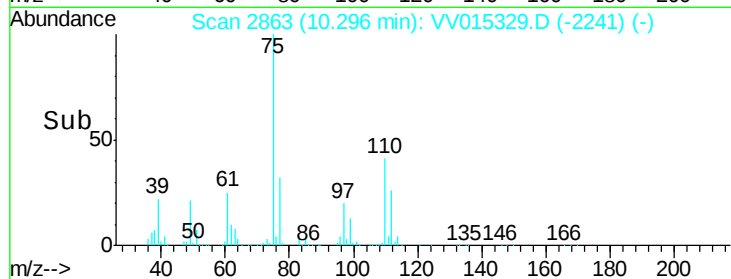
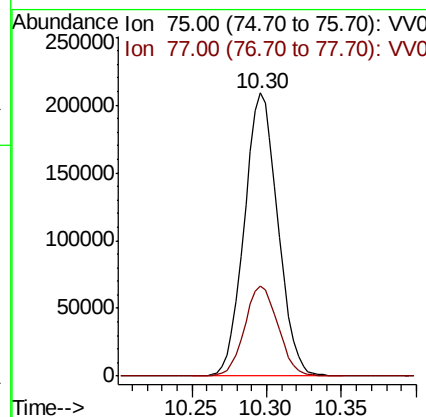
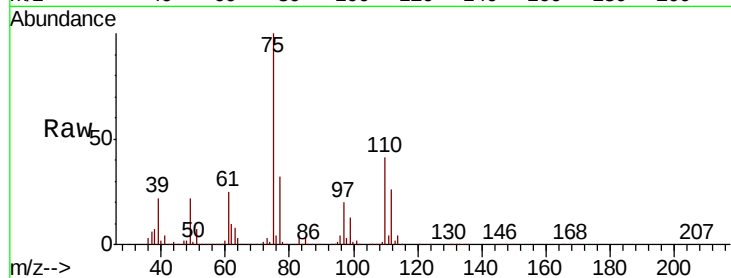
ClientSampleId :

Tot Ion: 75 Resp: 325768

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



#61

Bromoform

Concen: 49.493 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

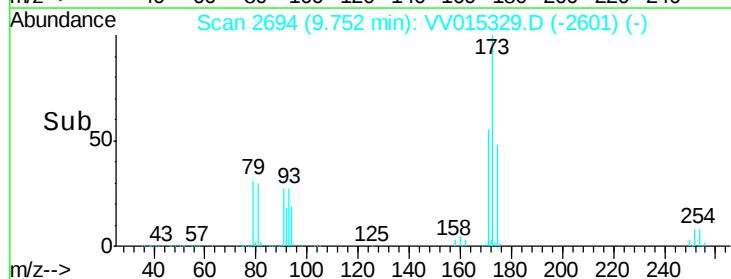
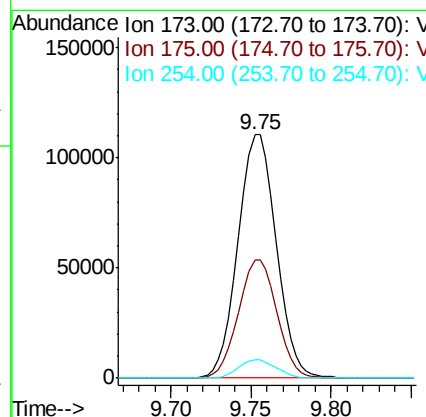
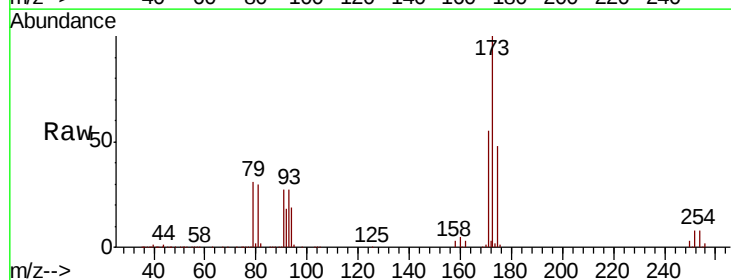
Tgt Ion: 173 Resp: 180697

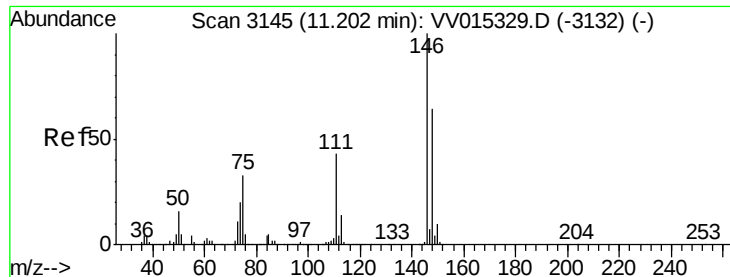
Ion Ratio Lower Upper

173 100

175 48.8 39.0 58.6

254 7.4 5.9 8.9





#62

1,3-Dichlorobenzene

Concen: 49.017 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

Instrument :

MSVOA_V

ClientSampled :

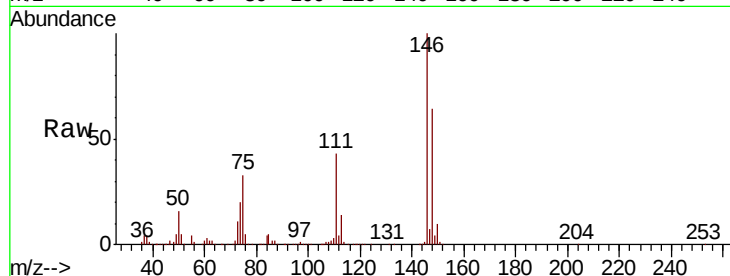
Tot Ion:146 Resp: 539366

Ion Ratio Lower Upper

146 100

111 43.2 30.2 56.2

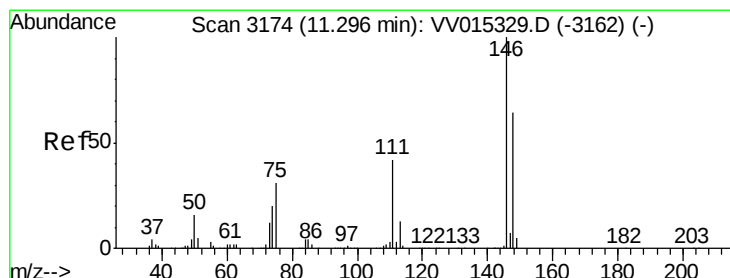
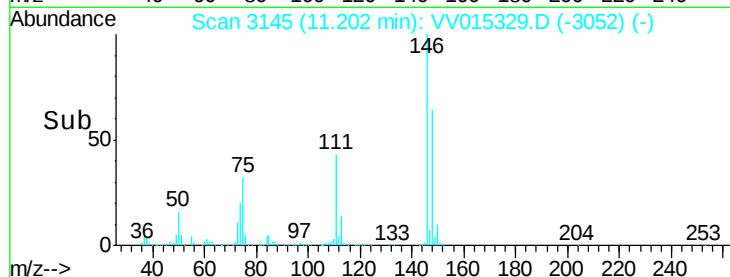
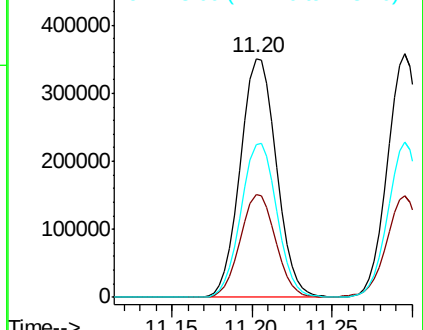
148 63.9 44.7 83.1



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: 48.130 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

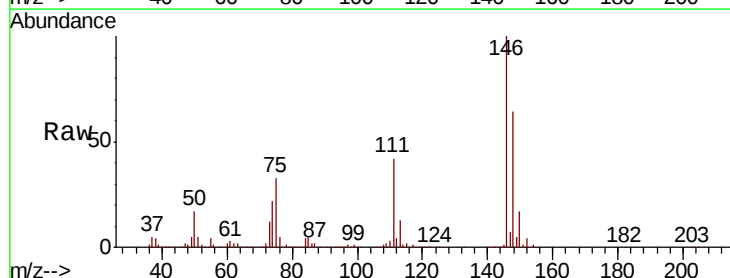
Tgt Ion:146 Resp: 537120

Ion Ratio Lower Upper

146 100

111 41.9 29.3 54.5

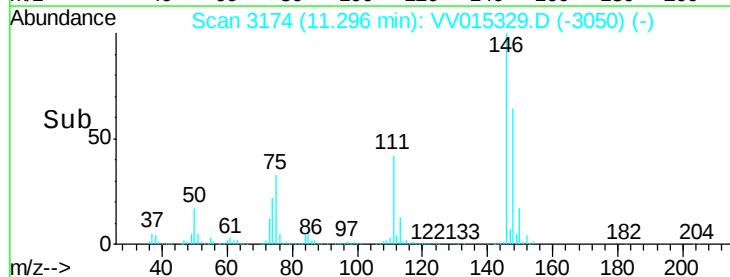
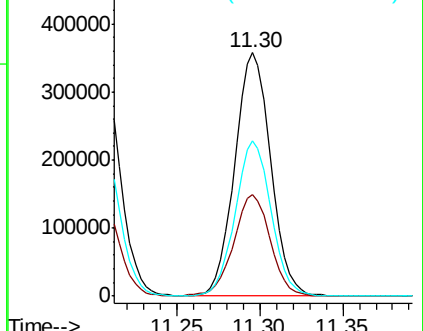
148 63.8 44.7 82.9

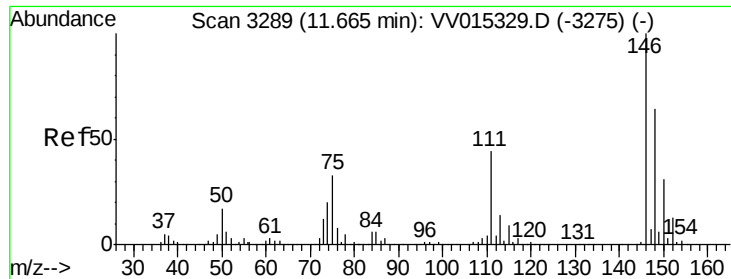


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 48.510 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

Instrument :

MSVOA_V

ClientSampleId :

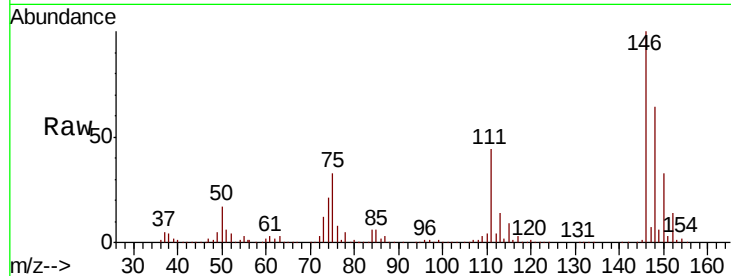
Tot Ion:146 Resp: 544441

Ion Ratio Lower Upper

146 100

111 43.9 35.1 52.7

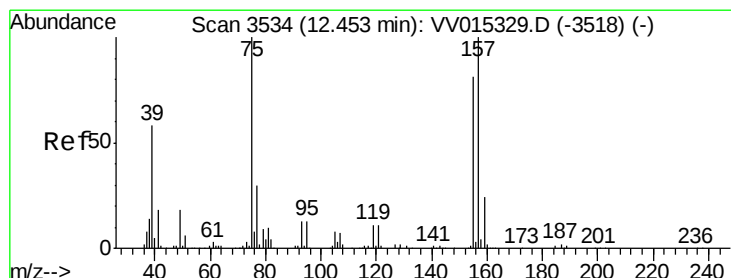
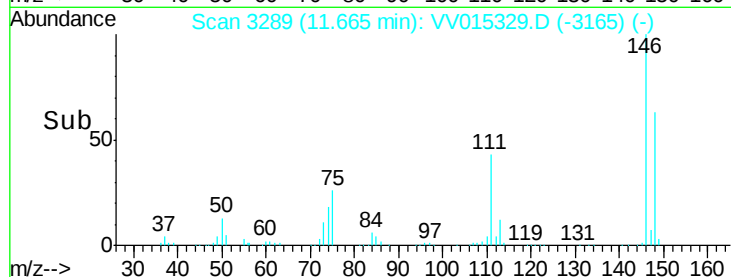
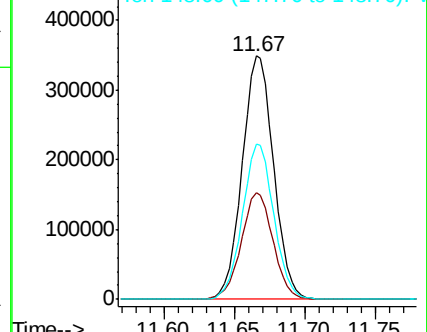
148 63.7 51.0 76.4



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: 47.582 ug/L

RT: 12.45 min Scan# 3534

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

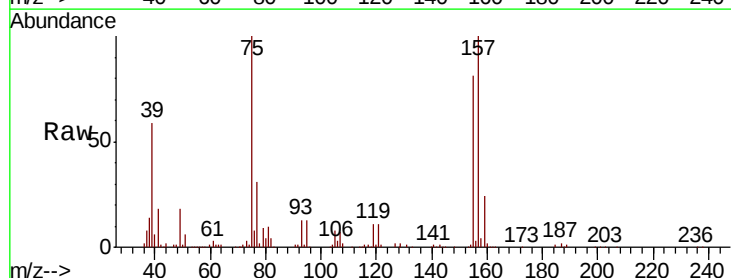
Tgt Ion: 75 Resp: 105448

Ion Ratio Lower Upper

75 100

155 80.6 64.5 96.7

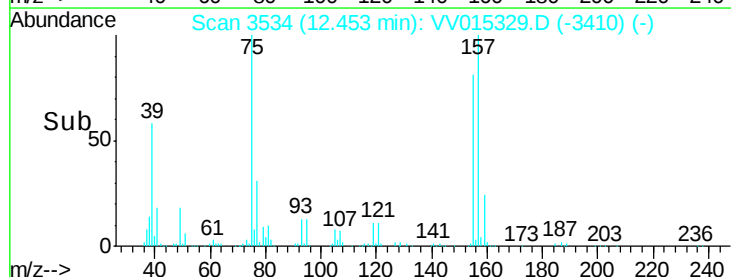
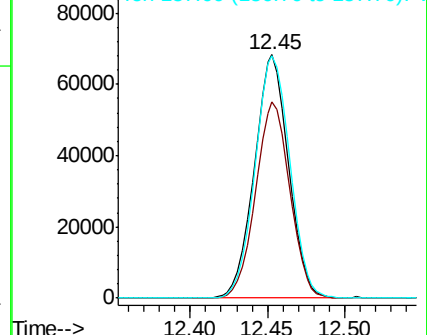
157 99.7 79.8 119.6

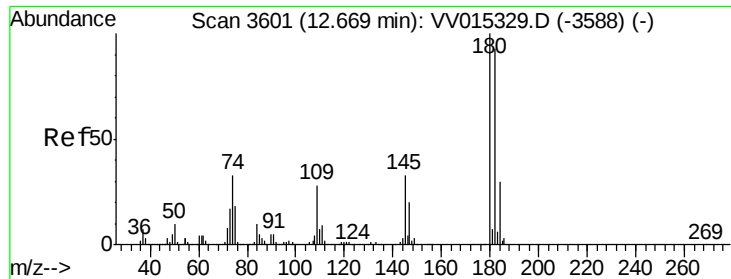


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

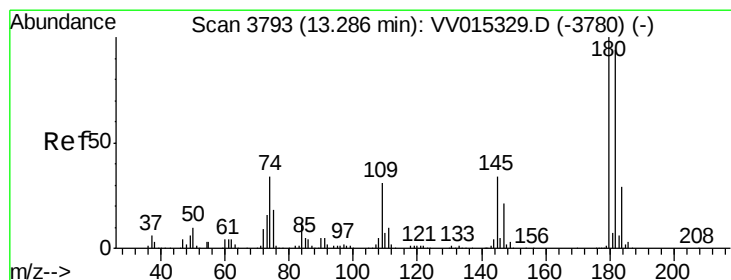
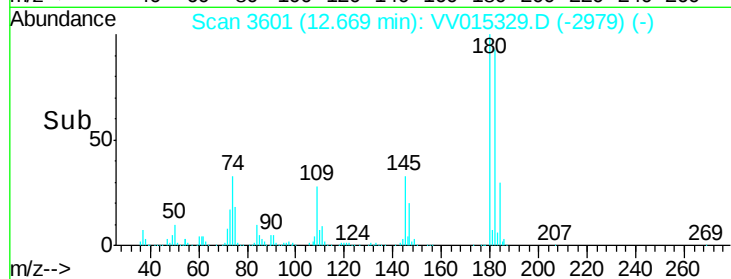
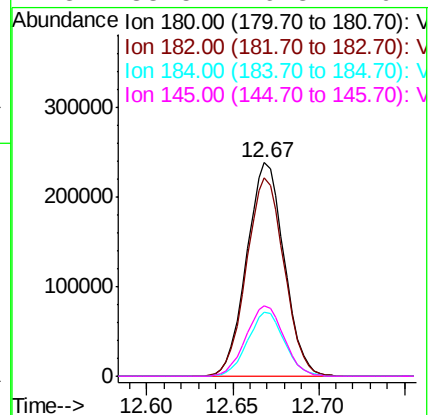
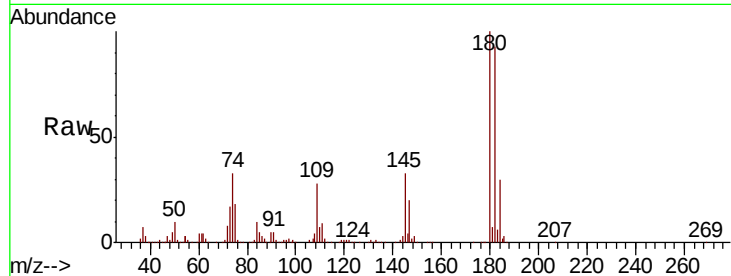




#67
 1,3,5-Trichlorobenzene
 Concen: 49.250 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV015329.D
 Acq: 01 Apr 2020 11:34

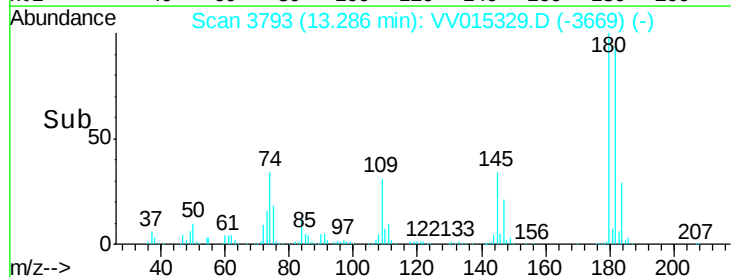
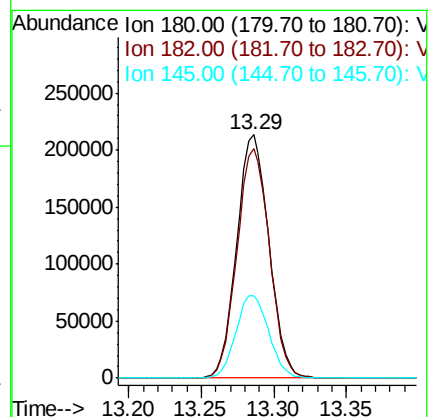
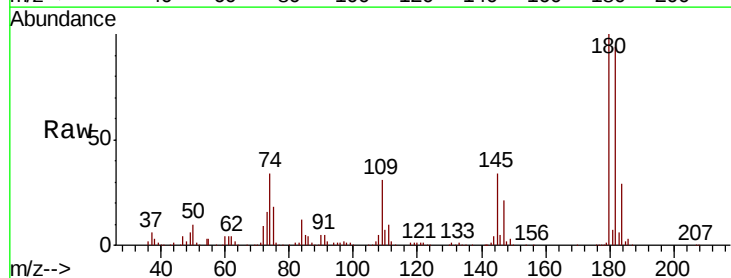
Instrument :
 MSVOA_V
 ClientSampleId :

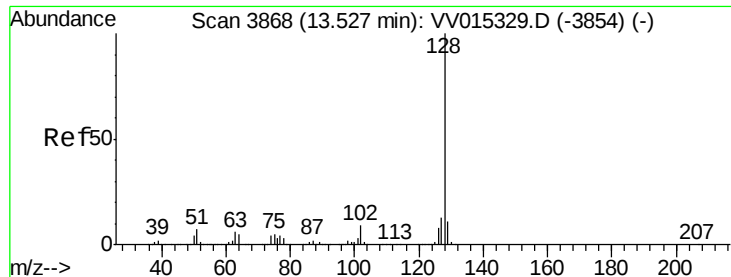
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	74.7	112.1
184	29.6	23.7	35.5
145	33.5	26.8	40.2



#68
 1,2,4-trichlorobenzene
 Concen: 49.596 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015329.D
 Acq: 01 Apr 2020 11:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.8
145	34.6	27.7	41.5





#69

Naphthalene

Concen: 49.667 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

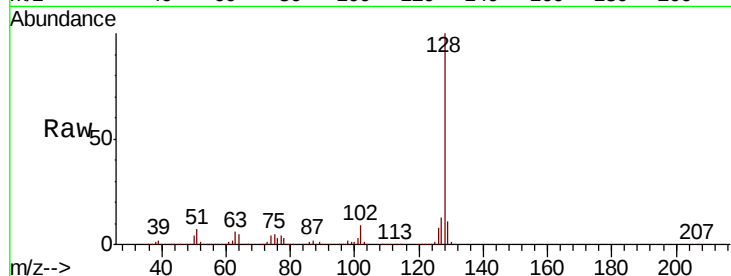
Instrument :

MSVOA_V

ClientSampled :

Tot Ion:128 Resp: 1264824

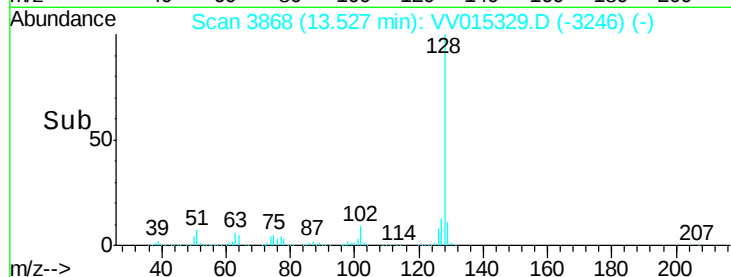
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.6	13.0



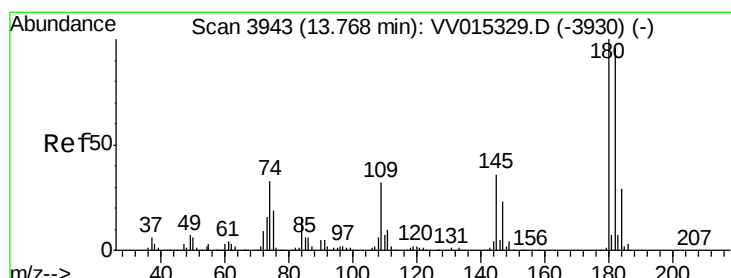
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#70

1,2,3-Trichlorobenzene

Concen: 49.295 ug/L

RT: 13.77 min Scan# 3943

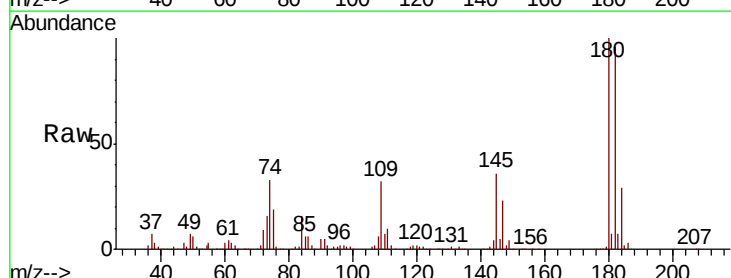
Delta R.T. 0.00 min

Lab File: VV015329.D

Acq: 01 Apr 2020 11:34

Tgt Ion:180 Resp: 338239

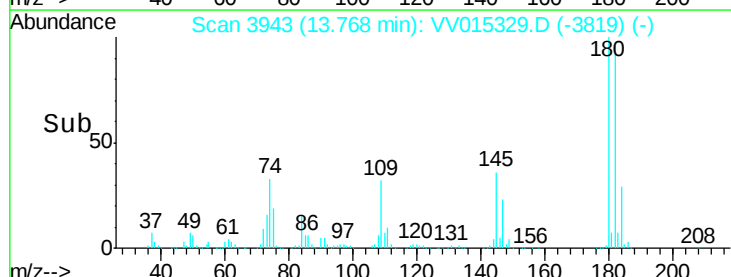
Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.1	114.1
145	35.3	28.2	42.4



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



Time-->