

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102920\
 Data File : VV019161.D
 Acq On : 29 Oct 2020 21:35
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.0uL/5.0ml/100uL/5.0ml/MSVOA-V/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 30 05:46:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 30 05:31:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	219447	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	211618	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	106006	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83723	48.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.02%
7) Chloroethane-d5	1.58	69	67990	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.38%
11) 1,1-Dichloroethene-d2	2.12	63	123875	37.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.68%
21) 2-Butanone-d5	3.91	46	116527	109.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.09%
24) Chloroform-d	4.38	84	163499	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.06	65	119903	53.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.08%
32) Benzene-d6	5.07	84	311750	51.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.86%
36) 1,2-Dichloropropane-d6	6.09	67	94935	53.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.08%
41) Toluene-d8	7.34	98	280984	48.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.46%
43) trans-1,3-Dichloropropene-	7.64	79	52056	50.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.52%
47) 2-Hexanone-d5	8.11	63	81391	105.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.00%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	126223	52.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	117381	52.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	3712	1.926	ug/L	99
3) Chloromethane	1.25	50	3626	2.072	ug/L	89
5) Vinyl chloride	1.32	62	3775	2.107	ug/L #	41
6) Bromomethane	1.53	94	2636	2.197	ug/L	99
8) Chloroethane	1.60	64	2625	2.357	ug/L	96
9) Trichlorofluoromethane	1.77	101	5749	1.925	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3520	2.450	ug/L #	81
12) 1,1-Dichloroethene	2.13	96	3606	2.562	ug/L #	1
13) Acetone	2.20	43	3909	3.939	ug/L	92
14) Carbon disulfide	2.31	76	8772	1.961	ug/L	95
15) Methyl Acetate	2.46	43	3365	2.104	ug/L	98
16) Methylene chloride	2.52	84	3979	2.490	ug/L	95
17) trans-1,2-Dichloroethene	2.78	96	3143	2.079	ug/L	94
18) Methyl tert-butyl Ether	2.78	73	10265	2.028	ug/L	99
19) 1,1-Dichloroethane	3.22	63	6063	2.153	ug/L	93
20) cis-1,2-Dichloroethene	3.94	96	1511	0.911	ug/L	77
23) Bromochloromethane	4.28	128	1730	1.943	ug/L	92

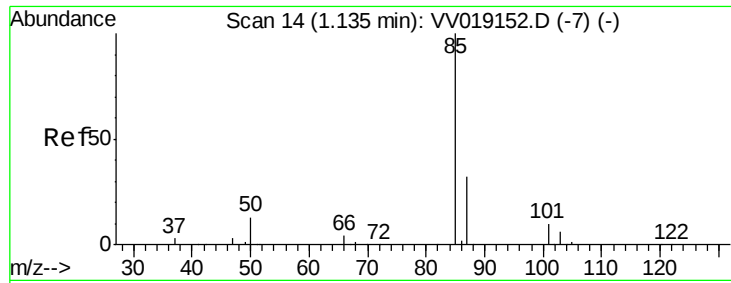
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 Quant Title : VOC Analysis
 QLast Update : Fri Oct 30 05:31:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.40	83	7887	2.592	ug/L	99
27) 1,2-Dichloroethane	5.16	62	2530	0.977	ug/L	100
29) Cyclohexane	4.70	56	3637	1.539	ug/L #	81
30) 1,1,1-Trichloroethane	4.64	97	5535	1.930	ug/L	98
31) Carbon tetrachloride	4.86	117	4723	1.857	ug/L	97
33) Benzene	5.13	78	12438	2.039	ug/L	100
34) Trichloroethene	5.95	95	1815	1.086	ug/L	85
37) 1,2-Dichloropropane	6.21	63	3380	2.231	ug/L #	89
38) Bromodichloromethane	6.54	83	4850	2.152	ug/L	98
39) cis-1,3-Dichloropropene	7.06	75	4890	1.954	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	8580	4.105	ug/L	96
42) Toluene	7.41	91	16876	2.523	ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	4954	1.903	ug/L	94
45) 1,1,2-Trichloroethane	7.86	97	3305	2.175	ug/L	91
46) Tetrachloroethene	8.00	164	2534	1.775	ug/L	91
48) 2-Hexanone	8.16	43	8456	5.090	ug/L	93
49) Dibromochloromethane	8.27	129	3686	2.003	ug/L	86
50) 1,2-Dibromoethane	8.38	107	3306	2.039	ug/L #	98
51) Chlorobenzene	8.90	112	8536	1.947	ug/L	98
52) Ethylbenzene	9.04	91	13200	1.791	ug/L	100
53) m,p-Xylene	9.17	106	5143	1.847	ug/L	87
54) o-xylene	9.57	106	4535	1.697	ug/L	84
55) Styrene	9.59	104	7348	1.551	ug/L	100
56) Isopropylbenzene	9.95	105	11380	1.584	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.26	83	5422	2.343	ug/L #	90
59) 1,2,3-Trichloropropane	11.27	75	13437	6.783	ug/L	98
61) Bromoform	9.76	173	2802	2.143	ug/L #	91
62) 1,3-Dichlorobenzene	11.21	146	6661	1.992	ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	7520	2.164	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	7231	2.183	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.45	75	1288	2.273	ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	4819	1.958	ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	4182	1.813	ug/L	96
69) Naphthalene	13.53	128	9439	1.461	ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	4134	1.832	ug/L	93

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



#2

Dichlorodifluoromethane

Concen: 1.926 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

Instrument :

MSVOA_V

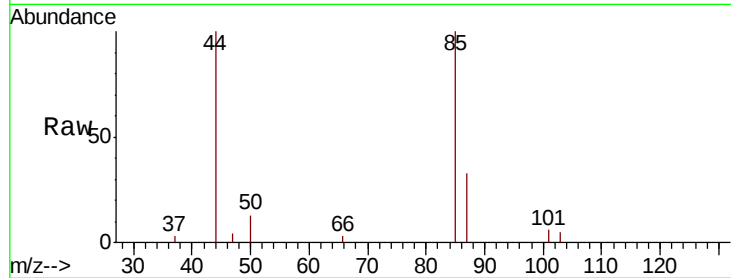
ClientSampleId :

Tot Ion: 85 Resp: 3712

Ion Ratio Lower Upper

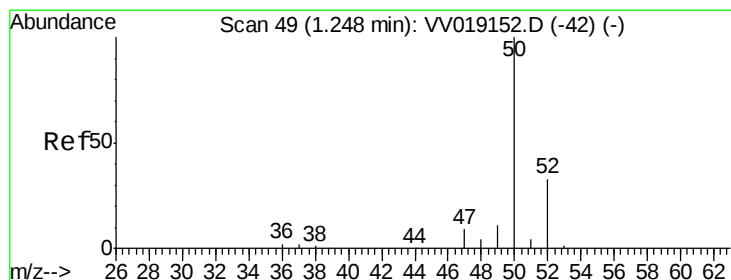
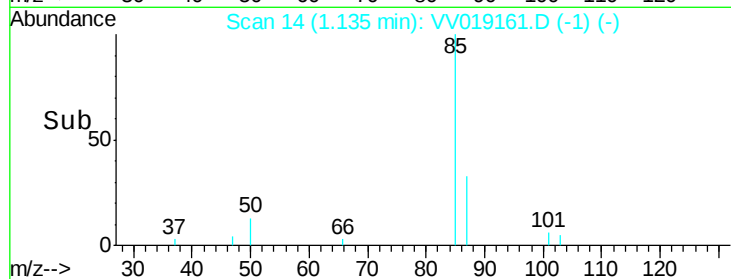
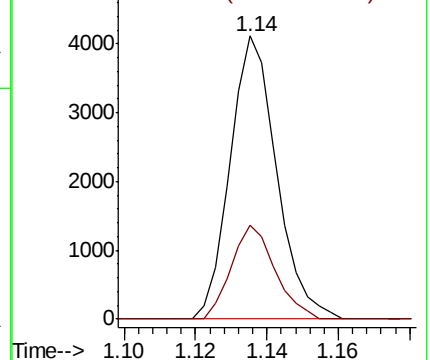
85 100

87 31.3 25.3 37.9



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 2.072 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV019161.D

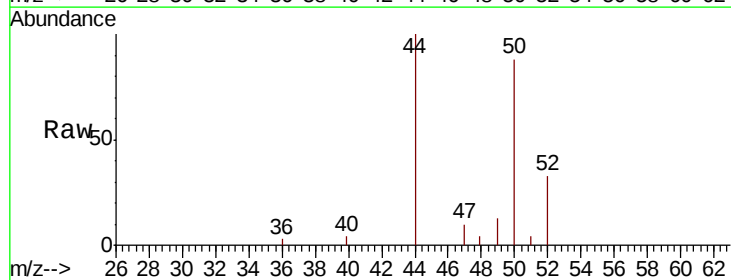
Acq: 29 Oct 2020 21:35

Tgt Ion: 50 Resp: 3626

Ion Ratio Lower Upper

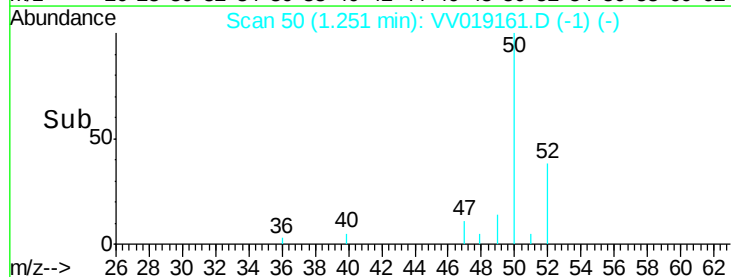
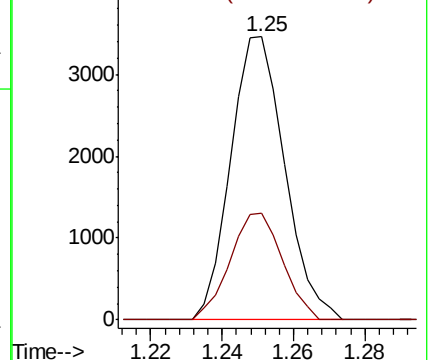
50 100

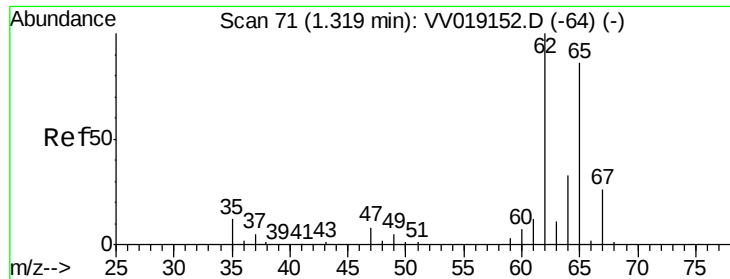
52 37.5 22.1 41.1



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0





#5

Vinyl chloride

Concen: 2.107 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

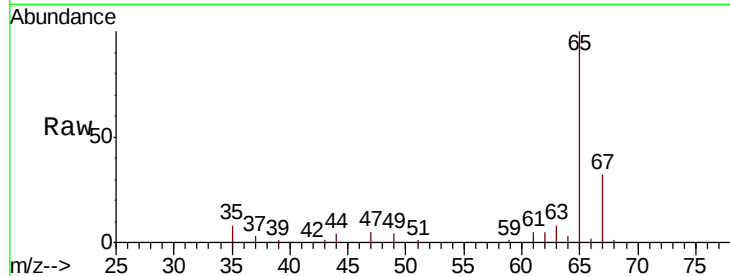
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 3775

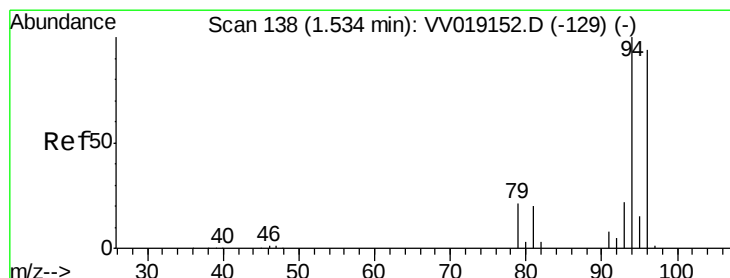
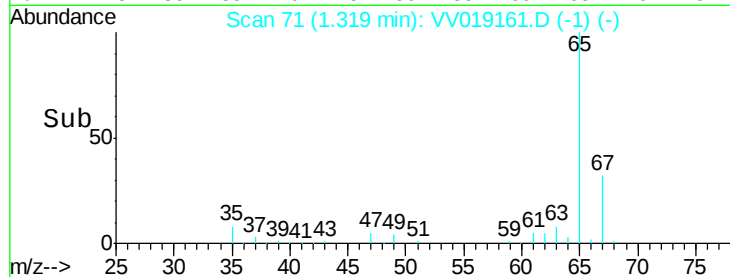
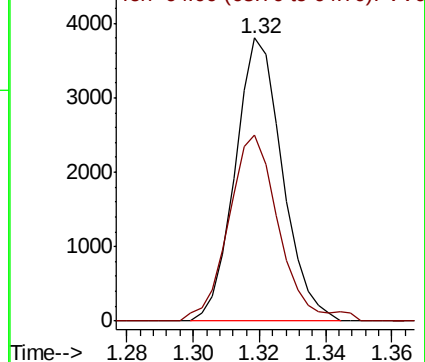
Ion Ratio Lower Upper

62 100

64 65.8 22.7 42.3#



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 2.197 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: VV019161.D

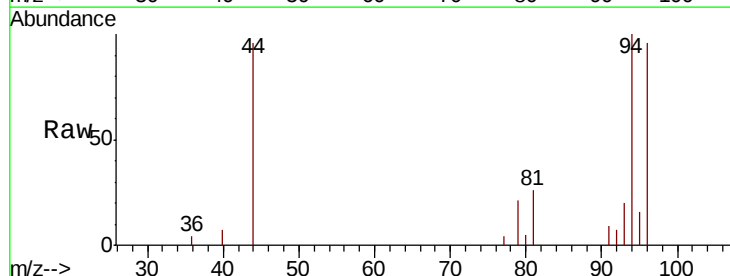
Acq: 29 Oct 2020 21:35

Tgt Ion: 94 Resp: 2636

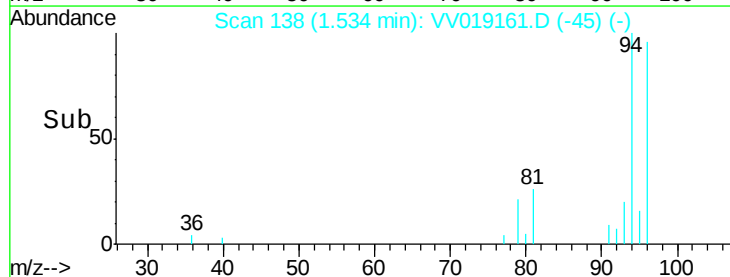
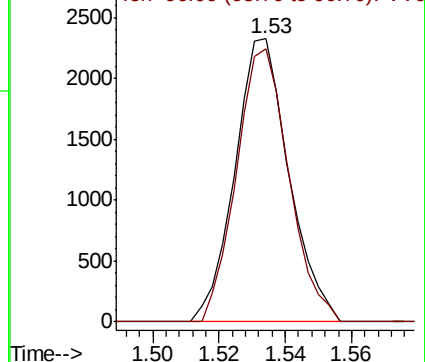
Ion Ratio Lower Upper

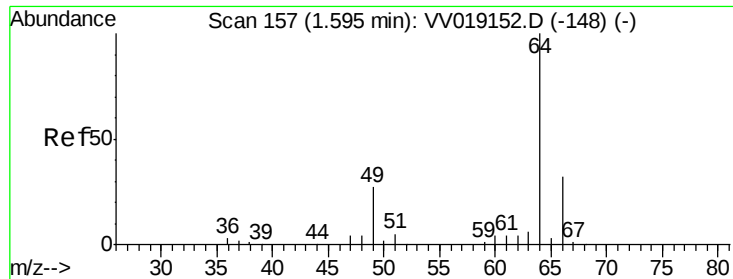
94 100

96 96.4 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0
Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 2.357 ug/L

RT: 1.60 min Scan# 157

Delta R.T. -0.00 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

Instrument :

MSVOA_V

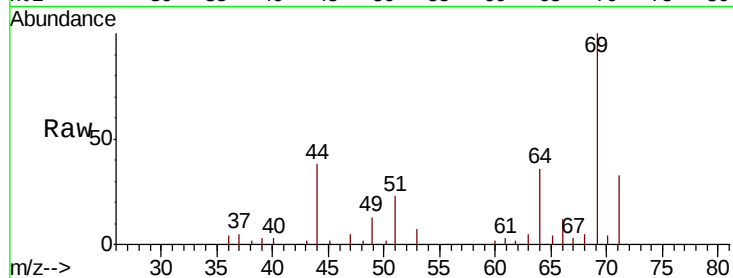
ClientSampleId :

Tot Ion: 64 Resp: 2625

Ion Ratio Lower Upper

64 100

66 33.9 22.0 40.8



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0

2500

2000

1500

1000

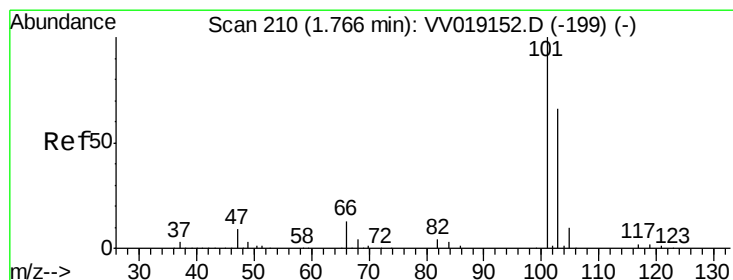
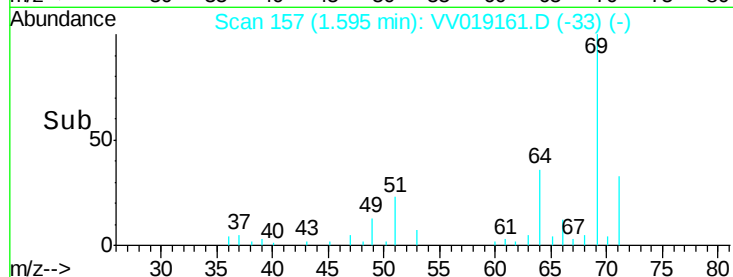
500

0

1.55

1.60

Time-->



#9

Trichlorofluoromethane

Concen: 1.925 ug/L

RT: 1.77 min Scan# 210

Delta R.T. -0.00 min

Lab File: VV019161.D

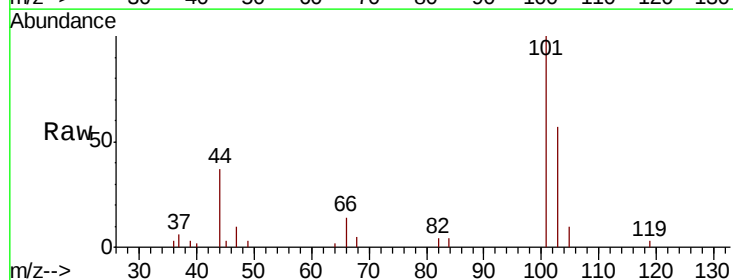
Acq: 29 Oct 2020 21:35

Tgt Ion:101 Resp: 5749

Ion Ratio Lower Upper

101 100

103 58.9 51.9 77.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

5000

4000

3000

2000

1000

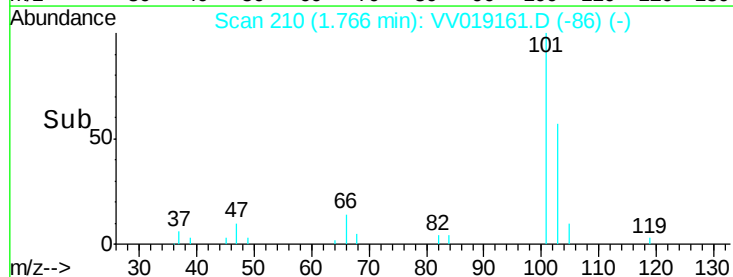
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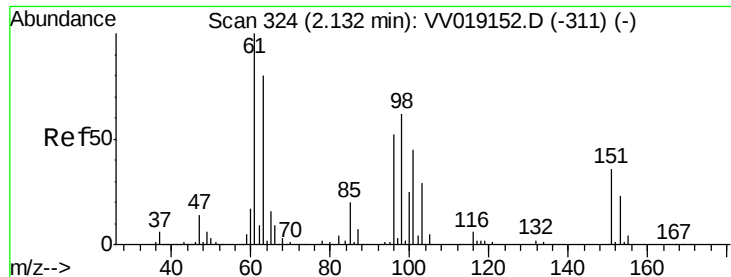
1.75

1.77

1.80

Time-->





#10

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

Concen: 2.450 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

Instrument :

MSVOA_V

ClientSampleId :

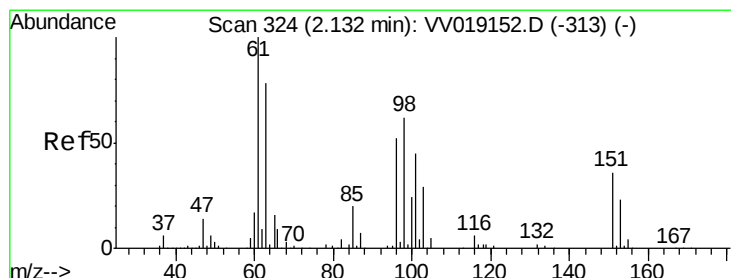
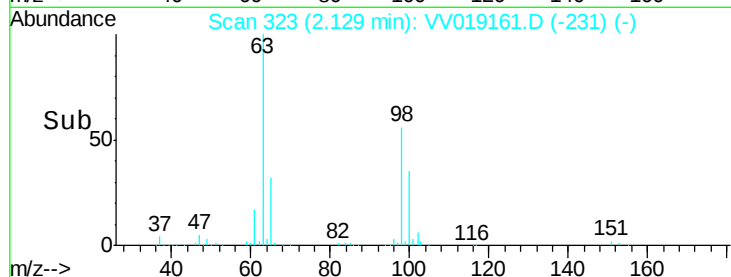
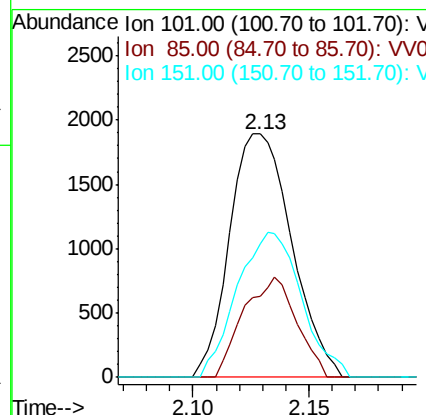
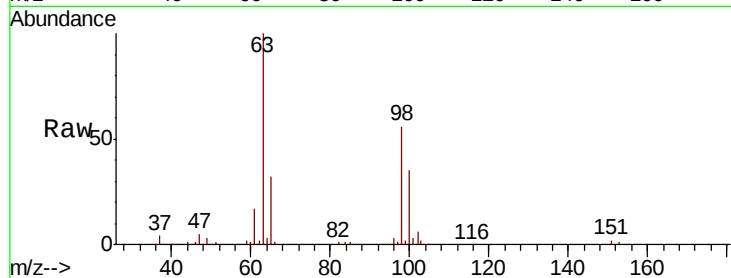
Tot Ion:101 Resp: 3520

Ion Ratio Lower Upper

101 100

85 35.3 36.1 54.1#

151 61.7 65.0 97.4#



#12

1,1-Dichloroethene

Concen: 2.562 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

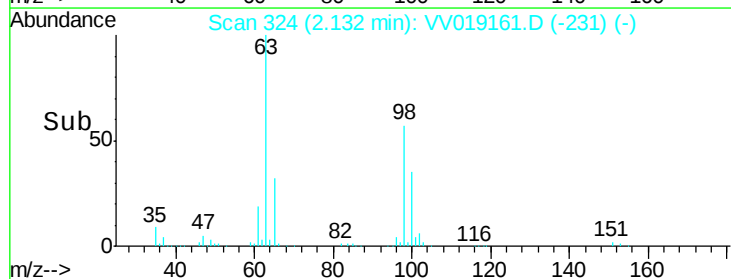
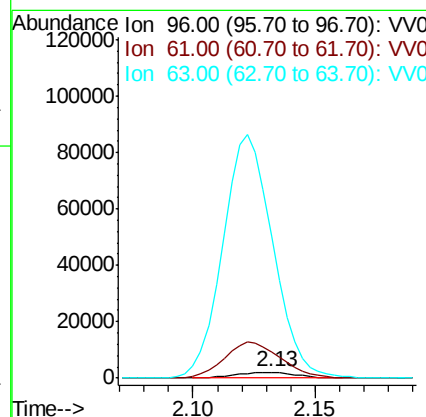
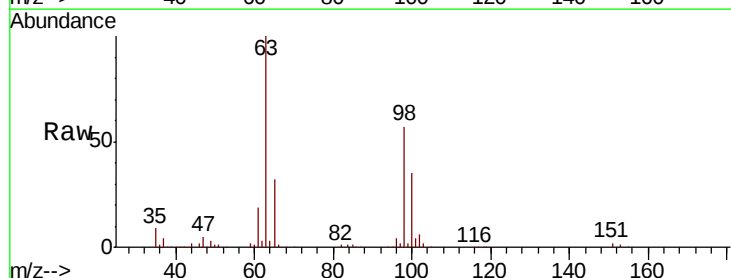
Tgt Ion: 96 Resp: 3606

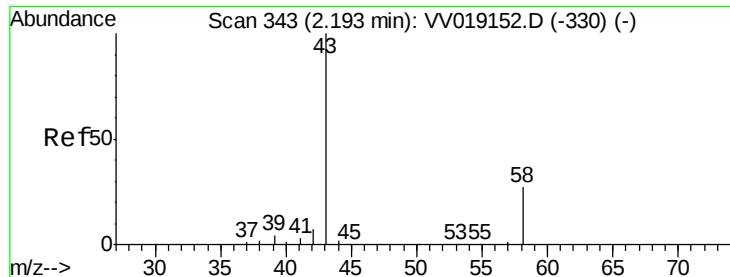
Ion Ratio Lower Upper

96 100

61 432.2 132.6 246.2#

63 2308.3 108.4 201.4#





#13

Acetone

Concen: 3.939 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

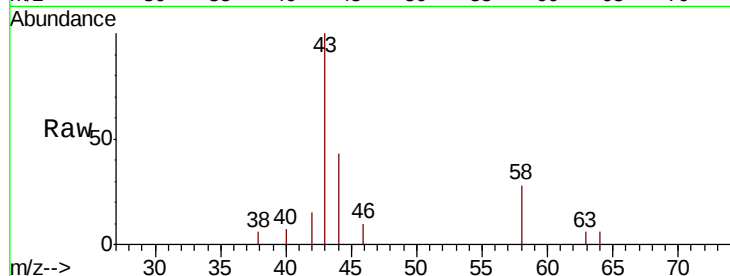
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 3909

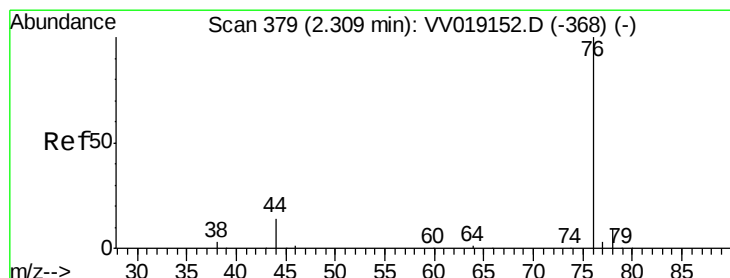
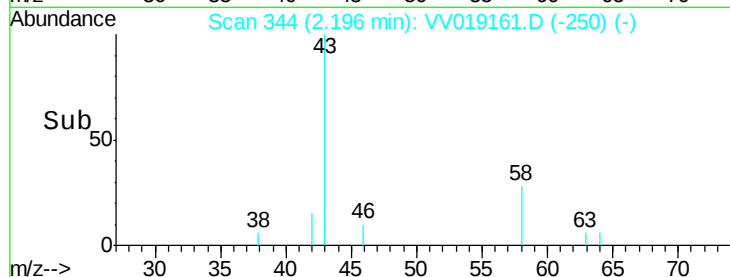
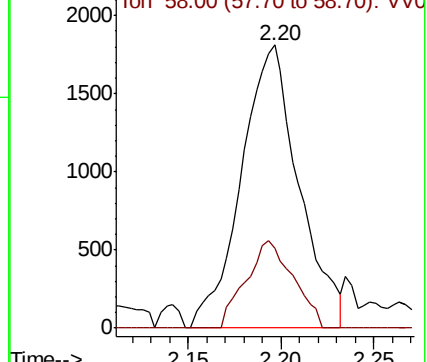
Ion Ratio Lower Upper

43 100

58 25.4 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV019161.D (-250) (-)



#14

Carbon disulfide

Concen: 1.961 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV019161.D

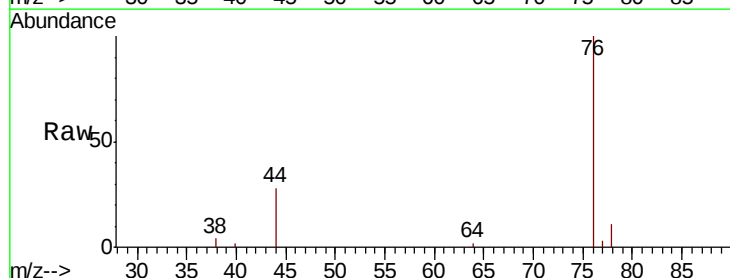
Acq: 29 Oct 2020 21:35

Tgt Ion: 76 Resp: 8772

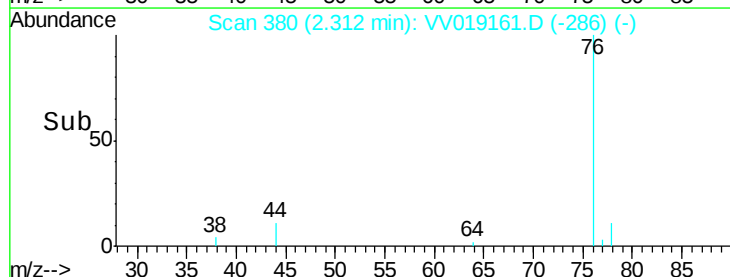
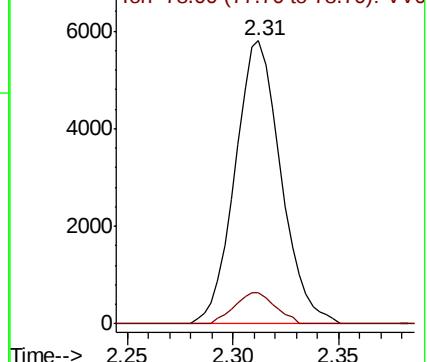
Ion Ratio Lower Upper

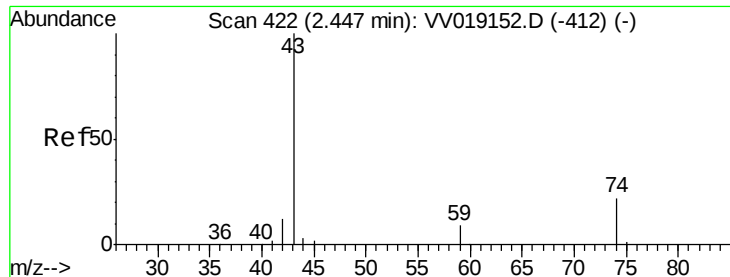
76 100

78 10.8 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VV019161.D (-286) (-)

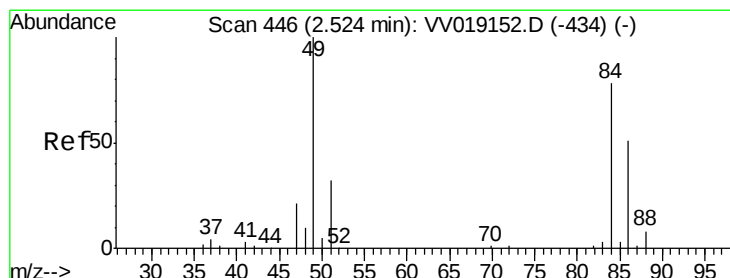
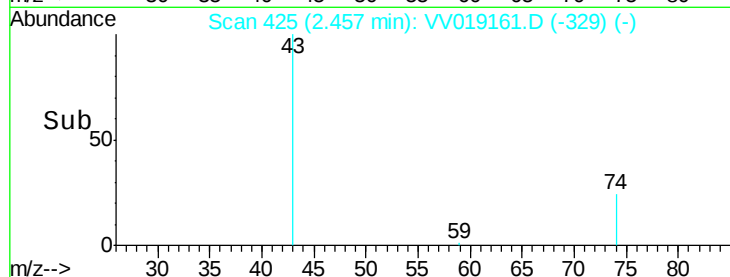
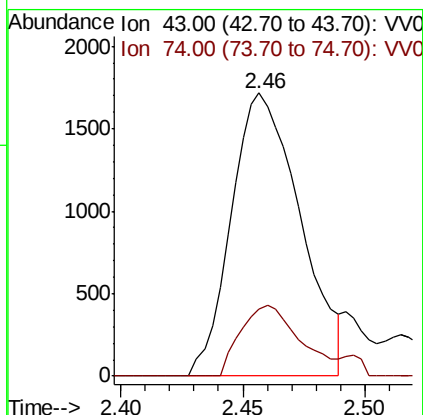
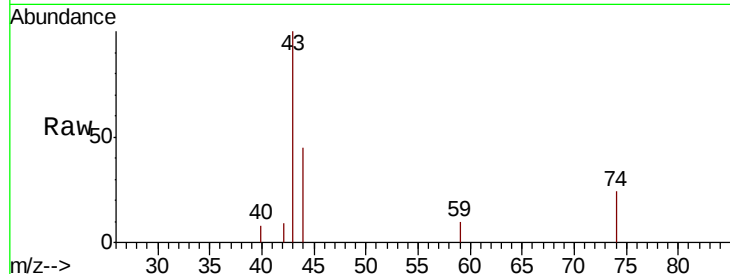




#15
Methvl Acetate
Concen: 2.104 ug/L
RT: 2.46 min Scan# 425
Delta R.T. 0.01 min
Lab File: VV019161.D
Acq: 29 Oct 2020 21:35

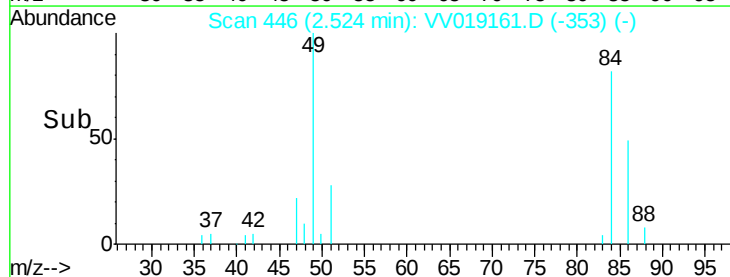
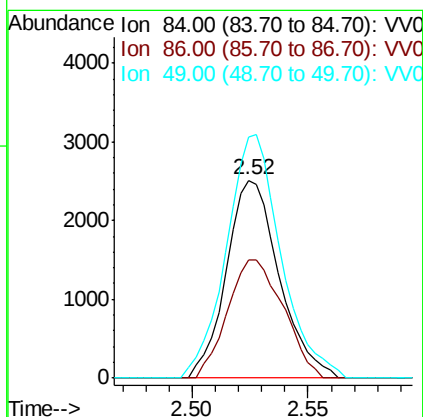
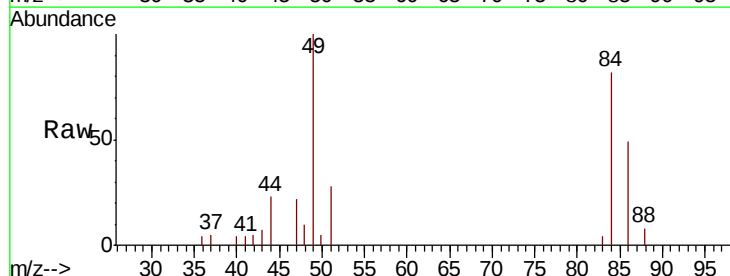
Instrument :
MSVOA_V
ClientSampleId :

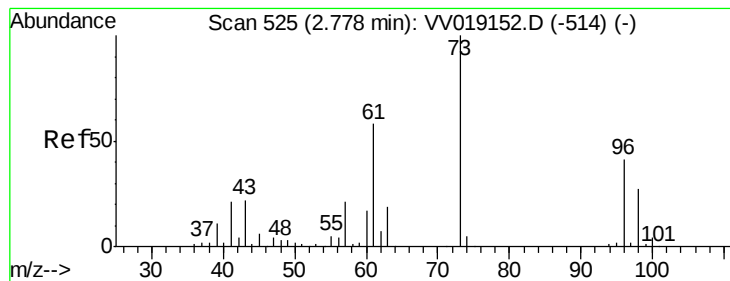
Tot Ion: 43 Resp: 3365
Ion Ratio Lower Upper
43 100
74 21.8 18.4 27.6



#16
Methylene chloride
Concen: 2.490 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV019161.D
Acq: 29 Oct 2020 21:35

Tgt Ion: 84 Resp: 3979
Ion Ratio Lower Upper
84 100
86 59.6 46.0 85.4
49 121.9 87.8 163.2





#17

trans-1,2-Dichloroethene

Concen: 2.079 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

Instrument :
MSVOA_V
ClientSampleId :

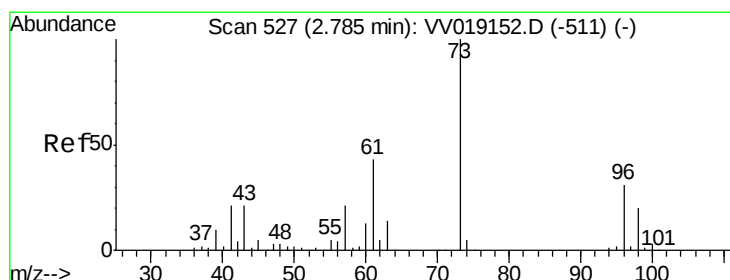
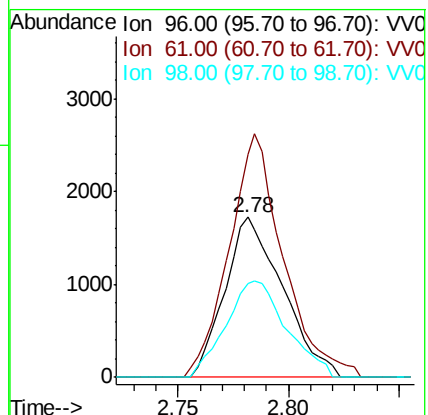
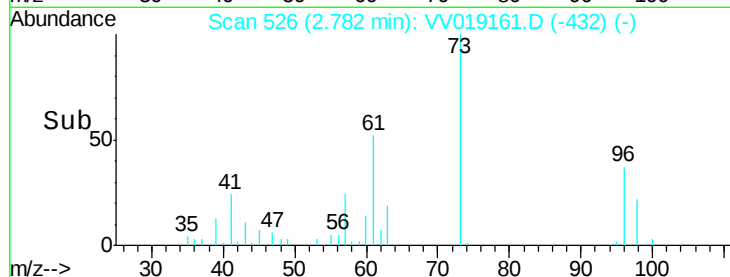
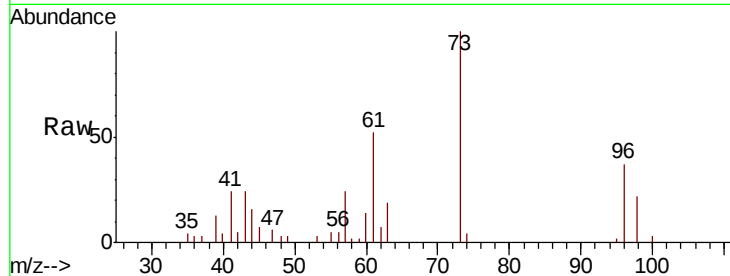
Tot Ion: 96 Resp: 3143

Ion Ratio Lower Upper

96 100

61 139.5 102.4 190.2

98 58.9 45.9 85.3



#18

Methyl tert-butyl Ether

Concen: 2.028 ug/L

RT: 2.78 min Scan# 527

Delta R.T. -0.00 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

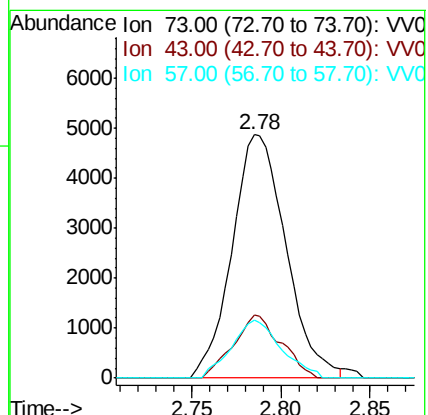
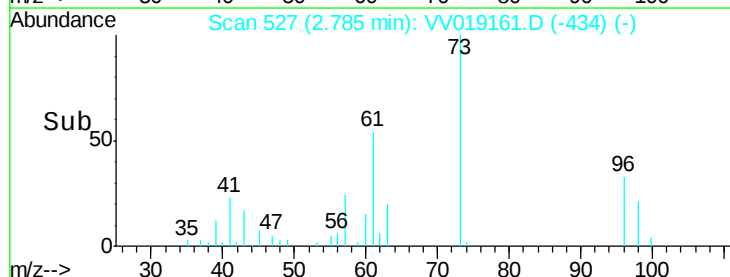
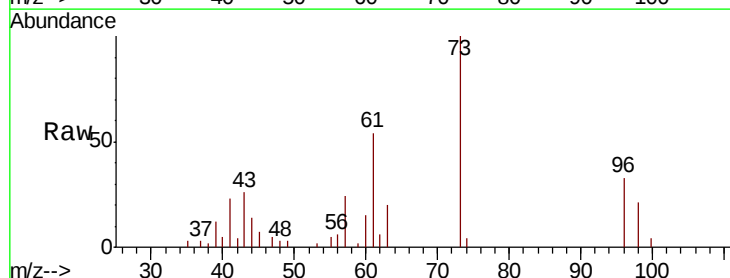
Tgt Ion: 73 Resp: 10265

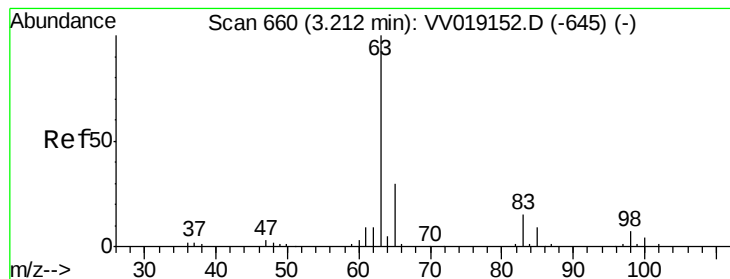
Ion Ratio Lower Upper

73 100

43 22.8 17.9 26.9

57 22.0 17.1 25.7





#19

1,1-Dichloroethane

Concen: 2.153 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.00 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

Instrument :
MSVOA_V
ClientSampleId :

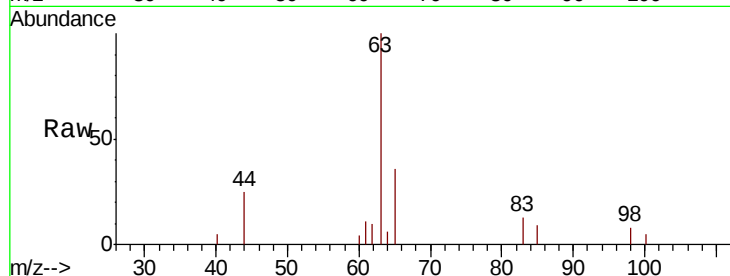
Tot Ion: 63 Resp: 6063

Ion Ratio Lower Upper

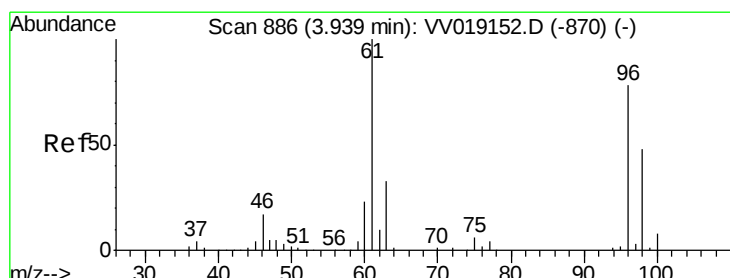
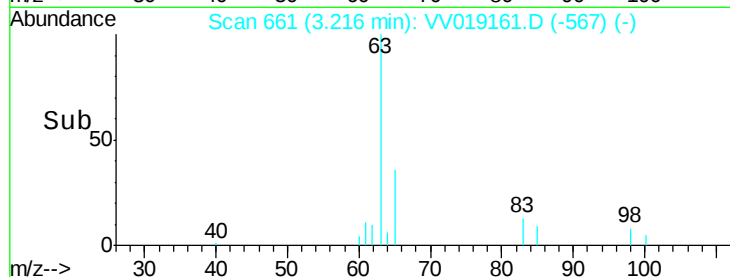
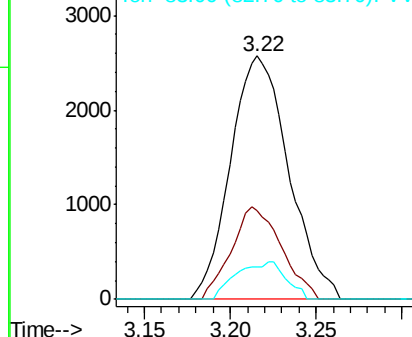
63 100

65 36.3 22.0 40.8

83 13.3 9.6 17.8



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: 0.911 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

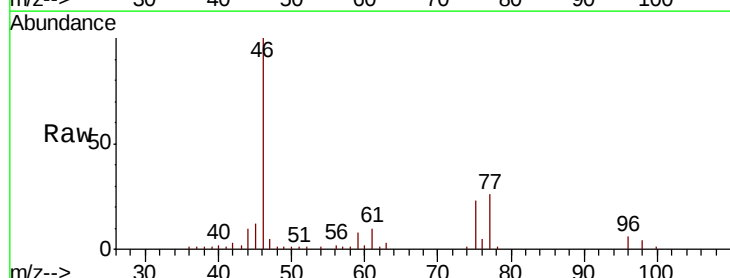
Tgt Ion: 96 Resp: 1511

Ion Ratio Lower Upper

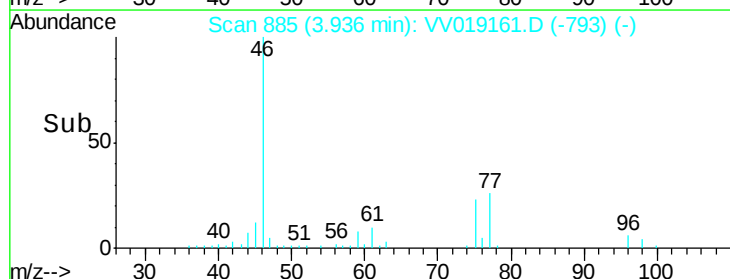
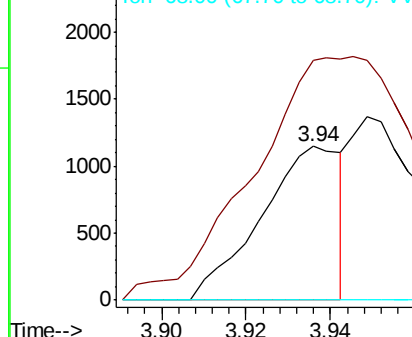
96 100

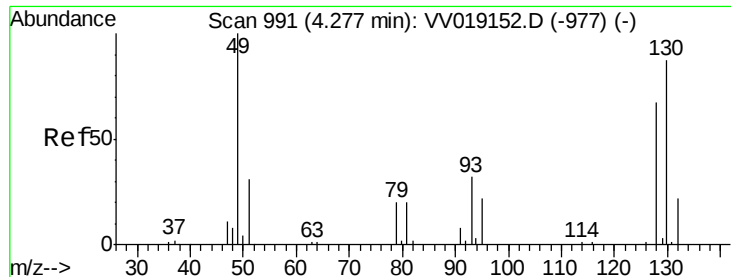
61 156.1 90.7 168.5

68 0.0 0.0 0.0



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

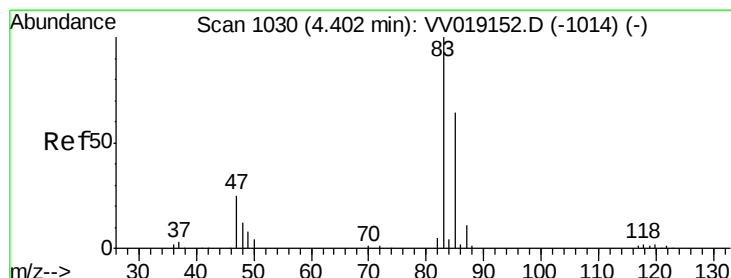
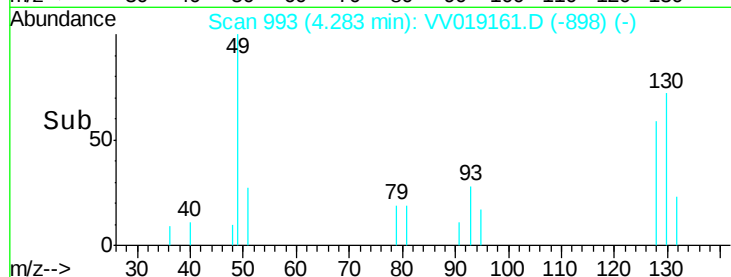
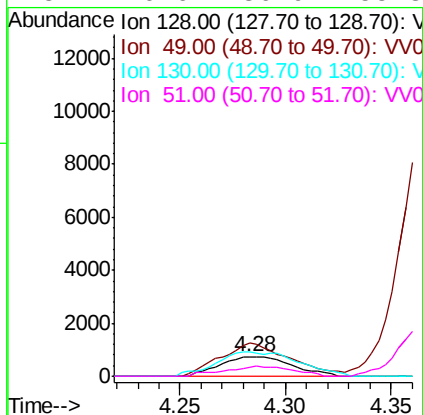
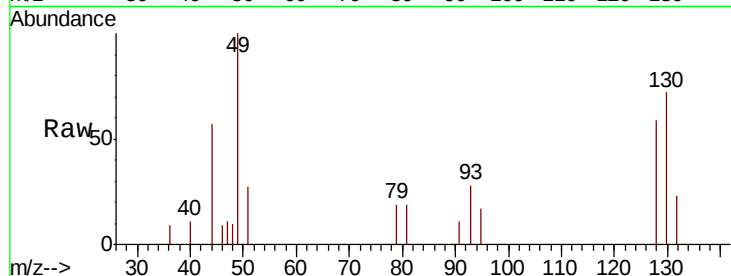




#23
 Bromochloromethane
 Concen: 1.943 ug/L
 RT: 4.28 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: VV019161.D
 Acq: 29 Oct 2020 21:35

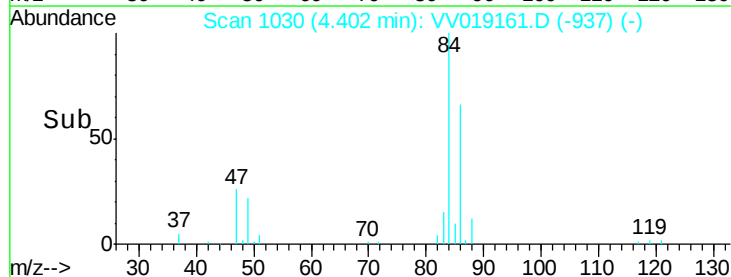
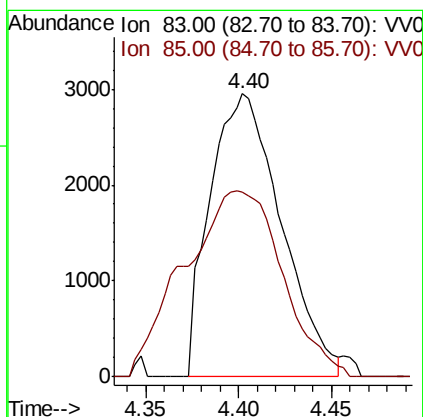
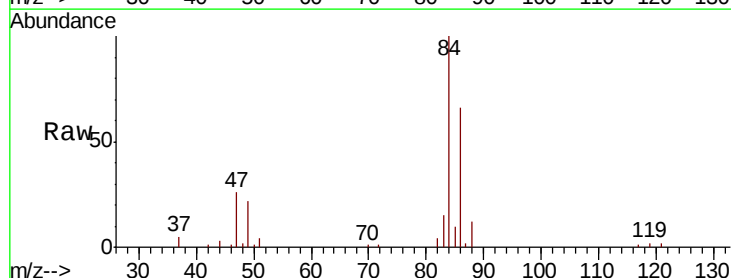
Instrument :
 MSVOA_V
 ClientSampleId :

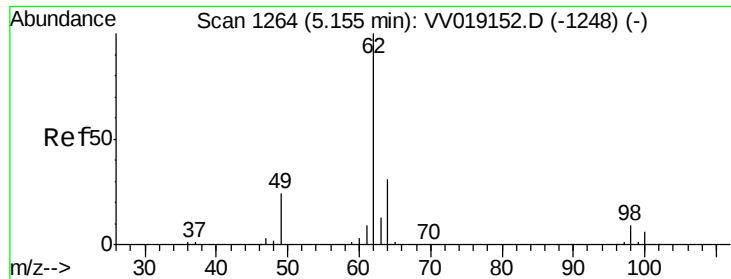
Tot Ion:	128	Resp:	1730
Ion	Ratio	Lower	Upper
128	100		
49	170.0	108.5	201.5
130	122.3	90.4	167.8
51	46.6	36.9	55.3



#25
 Chloroform
 Concen: 2.592 ug/L
 RT: 4.40 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VV019161.D
 Acq: 29 Oct 2020 21:35

Tgt Ion:	83	Resp:	7887
Ion	Ratio	Lower	Upper
83	100		
85	65.2	45.1	83.9

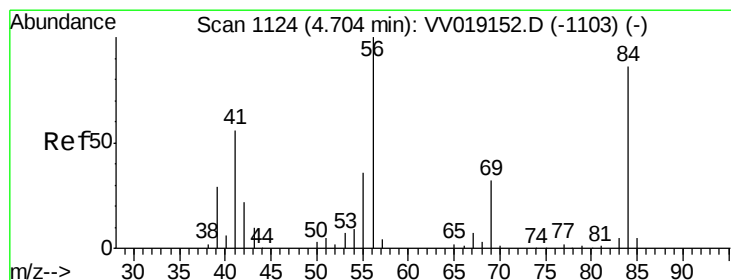
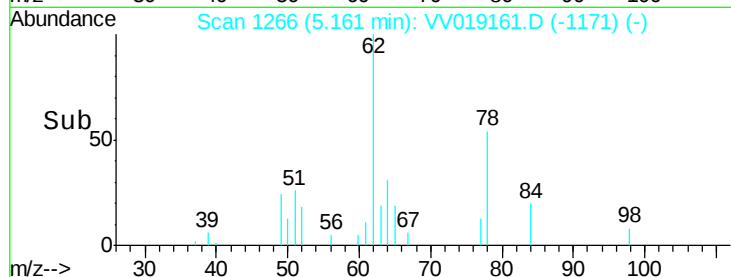
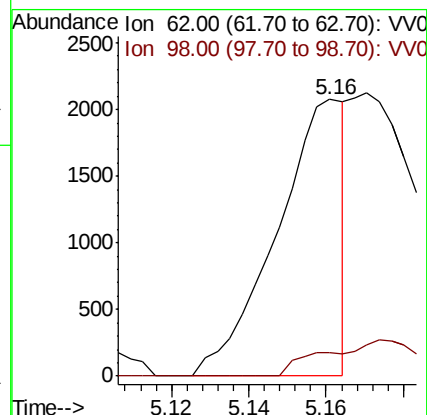
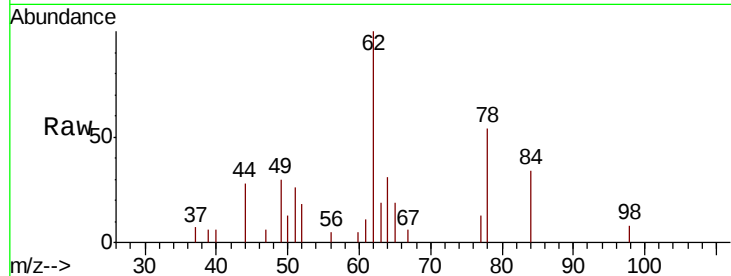




#27
 1,2-Dichloroethane
 Concen: 0.977 ug/L
 RT: 5.16 min Scan# 1266
 Delta R.T. 0.01 min
 Lab File: VV019161.D
 Acq: 29 Oct 2020 21:35

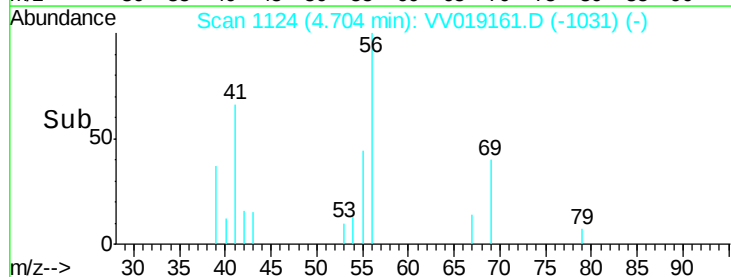
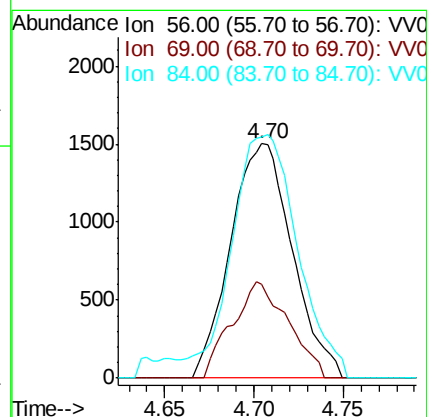
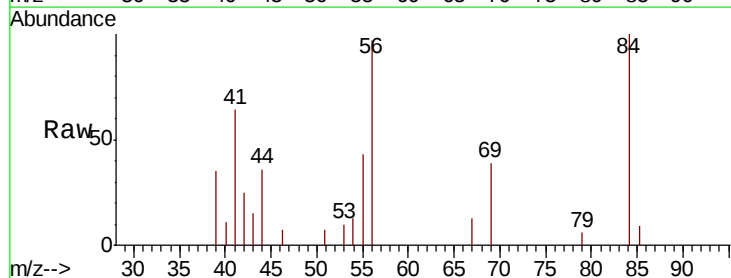
Instrument :
 MSVOA_V
 ClientSampleId :

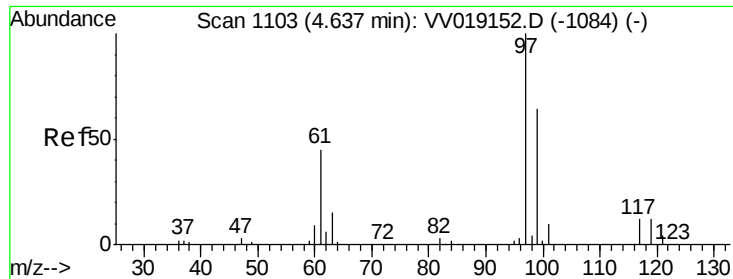
Tot Ion: 62 Resp: 2530
 Ion Ratio Lower Upper
 62 100
 98 8.4 6.8 10.2



#29
 Cyclohexane
 Concen: 1.539 ug/L
 RT: 4.70 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: VV019161.D
 Acq: 29 Oct 2020 21:35

Tgt Ion: 56 Resp: 3637
 Ion Ratio Lower Upper
 56 100
 69 37.2 25.0 37.4
 84 109.6 71.5 107.3#

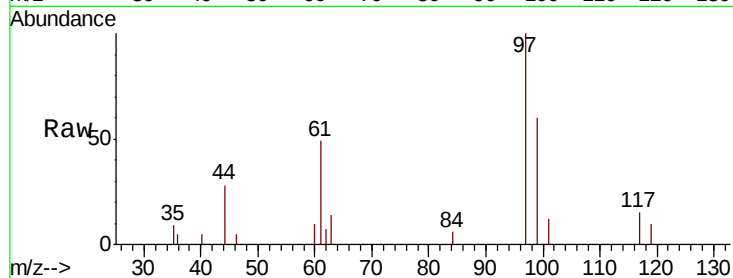




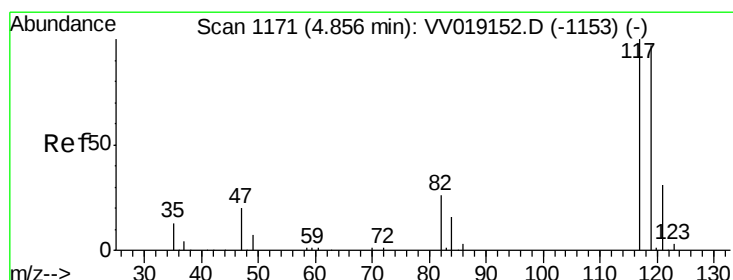
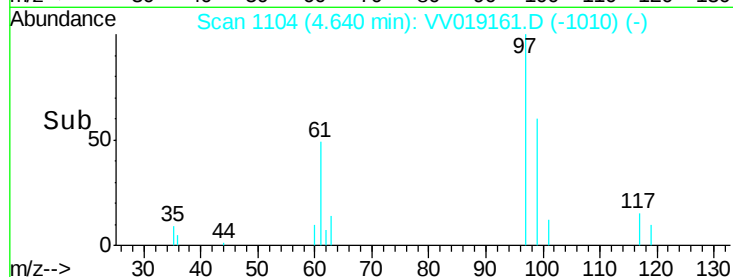
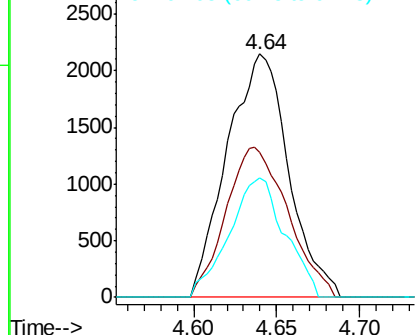
#30
 1,1,1-Trichloroethane
 Concen: 1.930 ug/L
 RT: 4.64 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: VV019161.D
 Acq: 29 Oct 2020 21:35

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 97 Resp: 5535
 Ion Ratio Lower Upper
 97 100
 99 62.1 51.3 76.9
 61 44.4 34.6 52.0

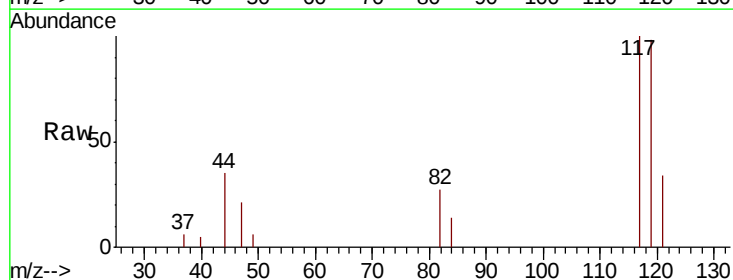


Abundance Ion 97.00 (96.70 to 97.70): VV019161.D (-1010) (-)
 Ion 99.00 (98.70 to 99.70): VV019161.D (-1010) (-)
 Ion 61.05 (60.75 to 61.75): VV019161.D (-1010) (-)

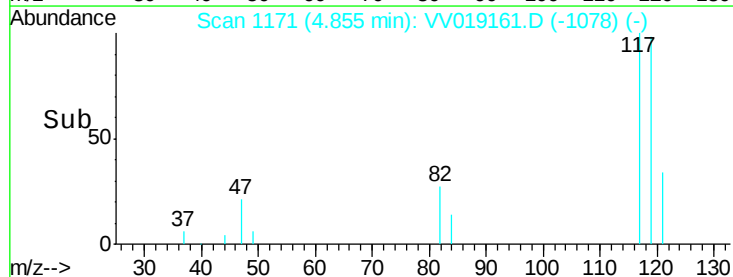
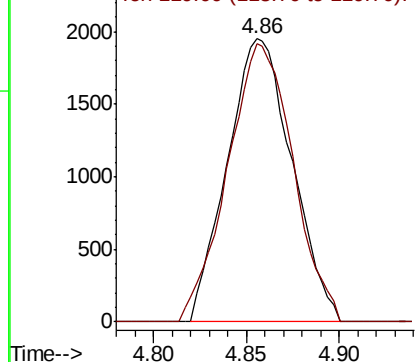


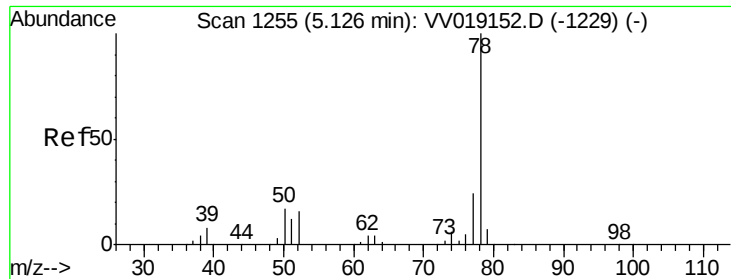
#31
 Carbon tetrachloride
 Concen: 1.857 ug/L
 RT: 4.86 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: VV019161.D
 Acq: 29 Oct 2020 21:35

Tgt Ion: 117 Resp: 4723
 Ion Ratio Lower Upper
 117 100
 119 99.5 77.2 115.8



Abundance Ion 117.00 (116.70 to 117.70): VV019161.D (-1078) (-)
 Ion 119.00 (118.70 to 119.70): VV019161.D (-1078) (-)

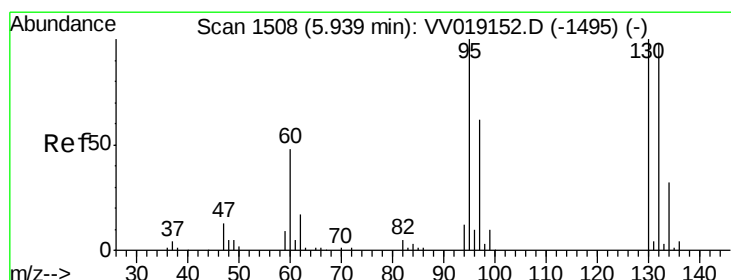
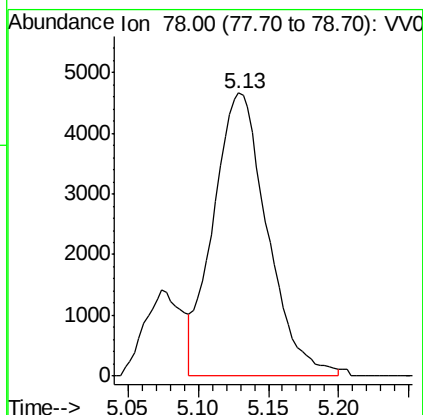
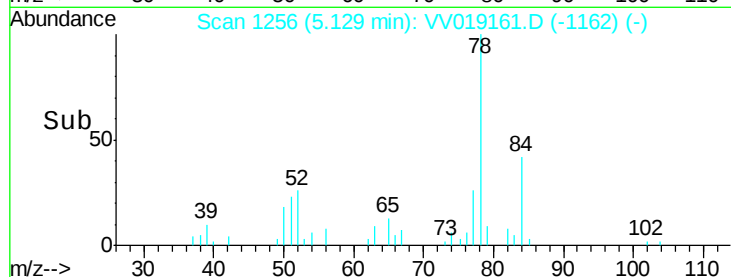
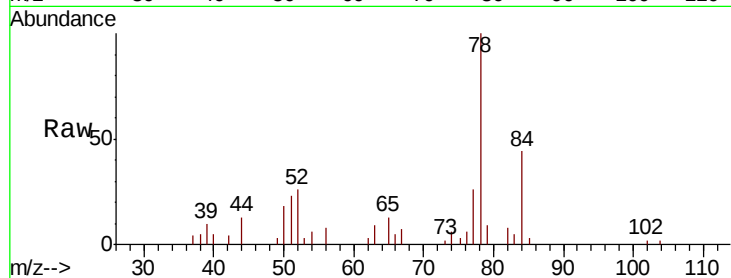




#33
Benzene
Concen: 2.039 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VV019161.D
Acq: 29 Oct 2020 21:35

Instrument :
MSVOA_V
ClientSampled :

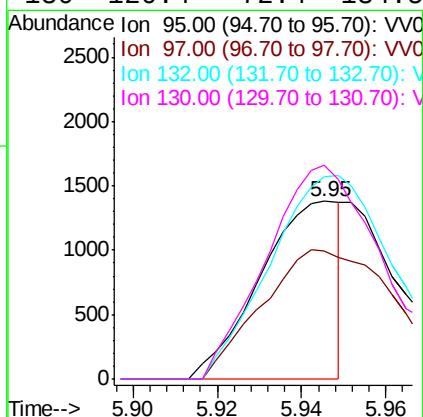
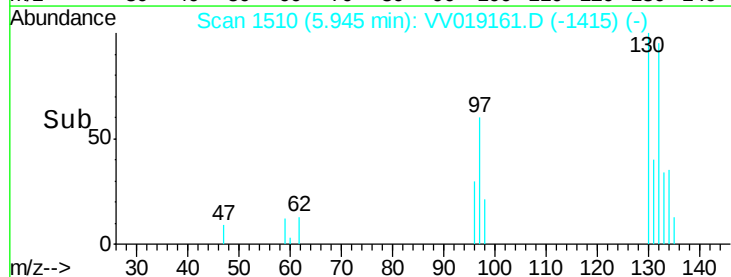
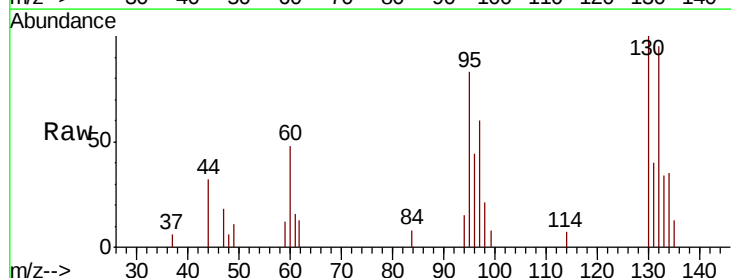
Tgt Ion: 78 Resp: 12438

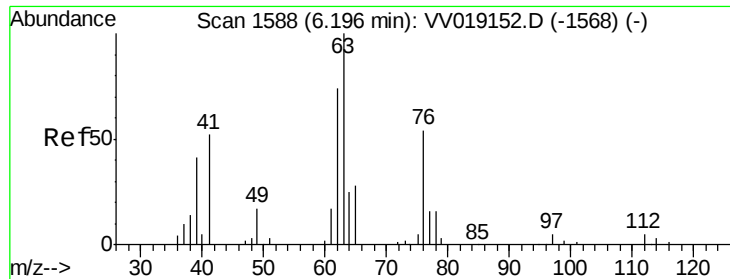


#34
Trichloroethene
Concen: 1.086 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV019161.D
Acq: 29 Oct 2020 21:35

Tgt Ion: 95 Resp: 1815

Ion	Ratio	Lower	Upper
95	100		
97	72.2	43.4	80.6
132	114.2	69.7	129.4
130	120.4	72.4	134.5





#37

1,2-Dichloropropane

Concen: 2.231 ug/L

RT: 6.21 min Scan# 1591

Delta R.T. 0.01 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

Instrument :

MSVOA_V

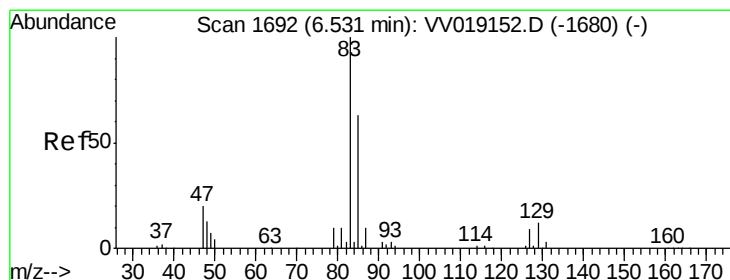
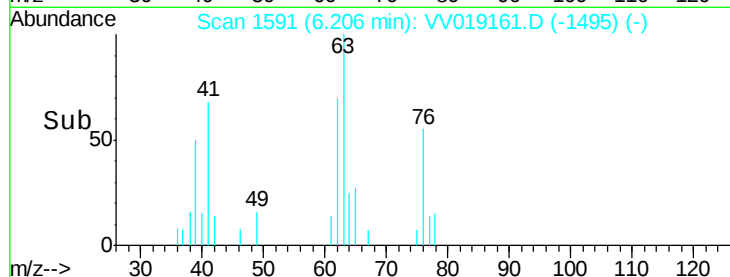
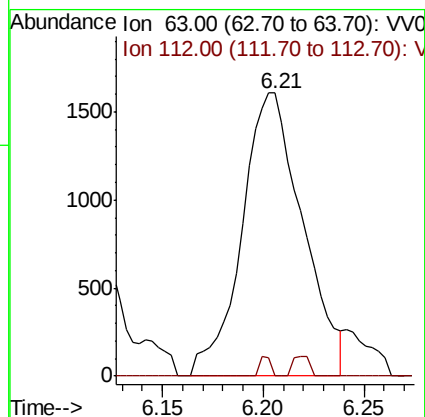
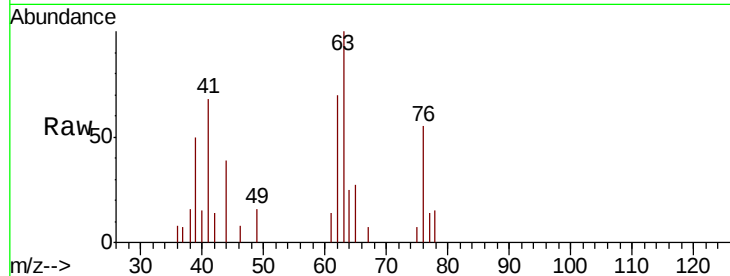
ClientSampleId :

Tot Ion: 63 Resp: 3380

Ion Ratio Lower Upper

63 100

112 1.2 3.8 5.8#



#38

Bromodichloromethane

Concen: 2.152 ug/L

RT: 6.54 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

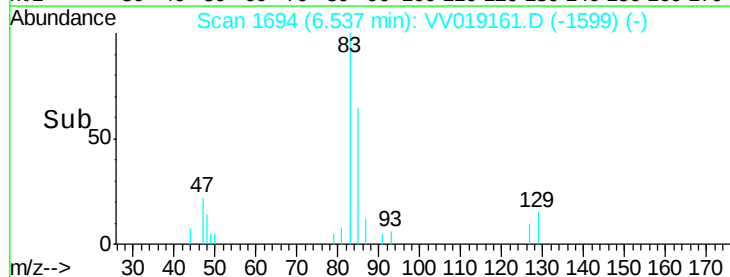
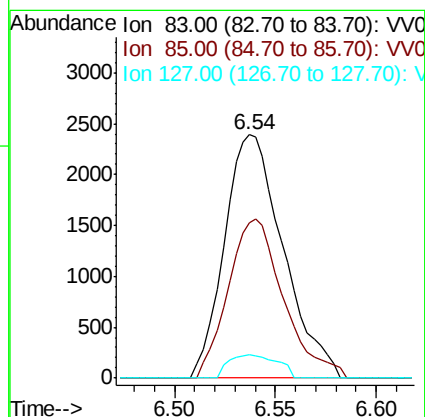
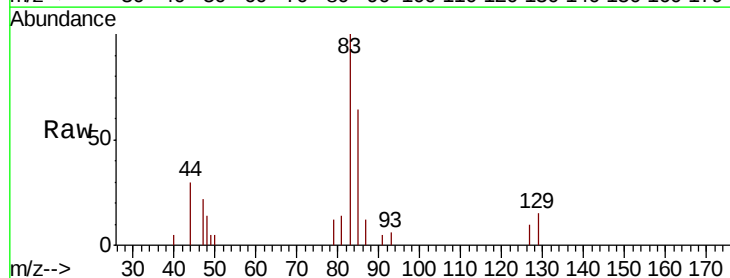
Tgt Ion: 83 Resp: 4850

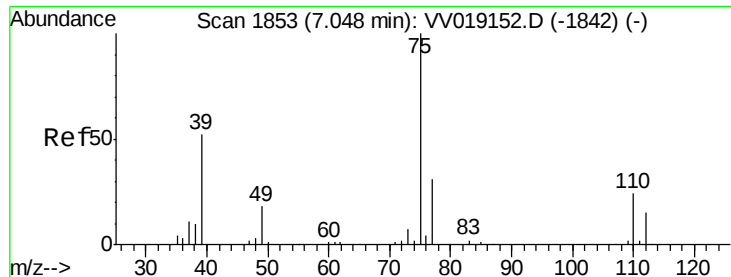
Ion Ratio Lower Upper

83 100

85 63.7 45.9 85.3

127 9.5 6.9 10.3

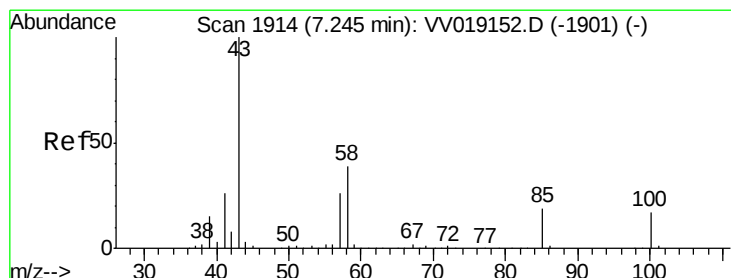
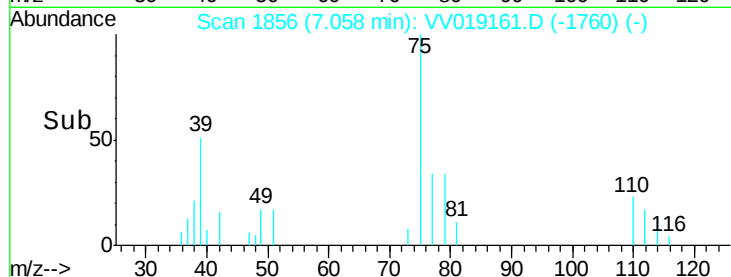
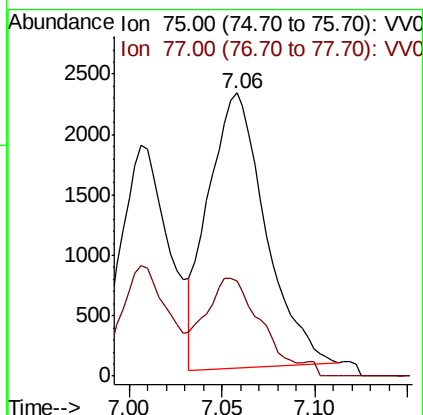
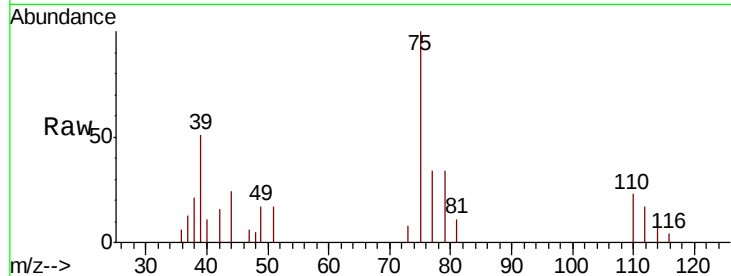




#39
 cis-1,3-Dichloropropene
 Concen: 1.954 ug/L
 RT: 7.06 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: VV019161.D
 Acq: 29 Oct 2020 21:35

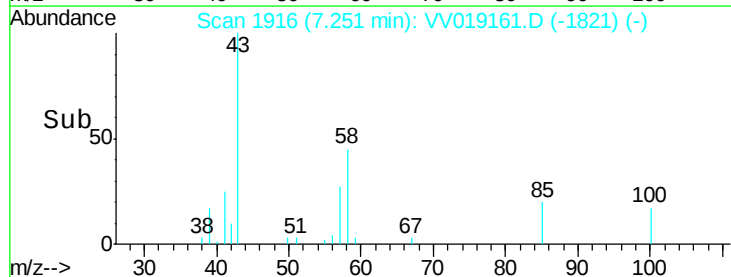
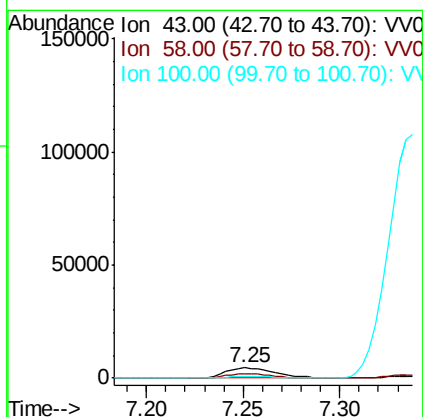
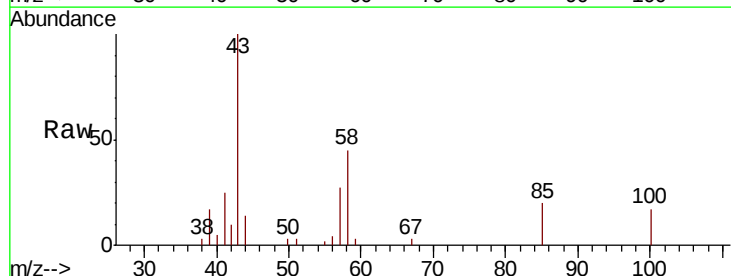
Instrument :
 MSVOA_V
 ClientSampled :

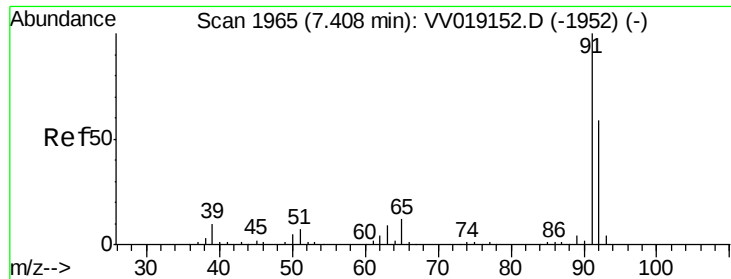
Tot Ion: 75 Resp: 4890
 Ion Ratio Lower Upper
 75 100
 77 33.7 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 4.105 ug/L
 RT: 7.25 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VV019161.D
 Acq: 29 Oct 2020 21:35

Tgt Ion: 43 Resp: 8580
 Ion Ratio Lower Upper
 43 100
 58 35.8 31.0 46.4
 100 15.0 13.2 19.8





#42

Toluene

Concen: 2.523 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

Instrument :

MSVOA_V

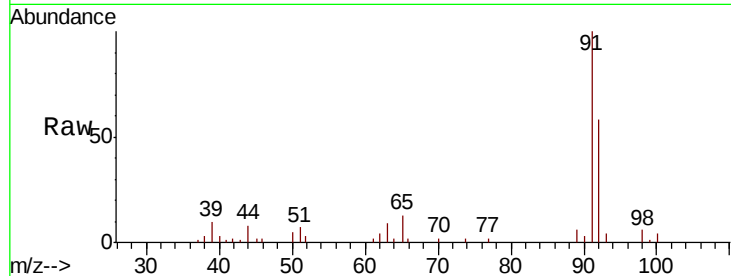
ClientSampled :

Tot Ion: 91 Resp: 16876

Ion Ratio Lower Upper

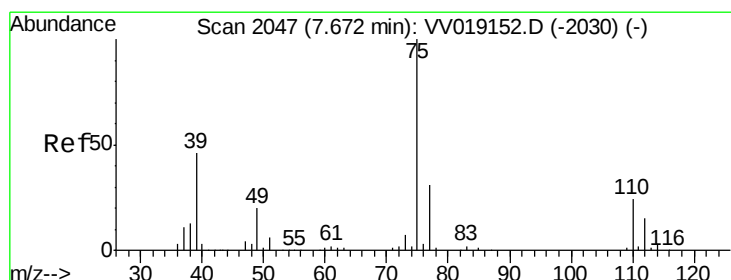
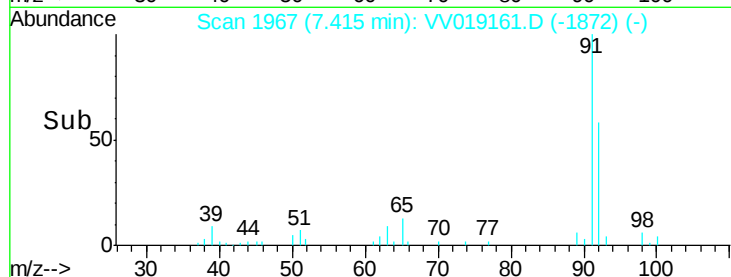
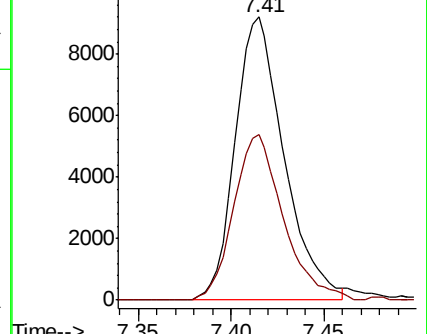
91 100

92 58.5 41.5 77.1



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 1.903 ug/L

RT: 7.68 min Scan# 2049

Delta R.T. 0.01 min

Lab File: VV019161.D

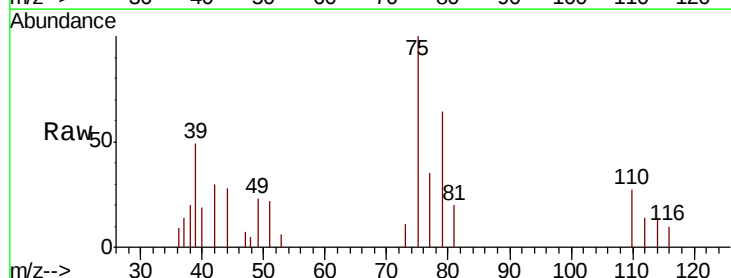
Acq: 29 Oct 2020 21:35

Tgt Ion: 75 Resp: 4954

Ion Ratio Lower Upper

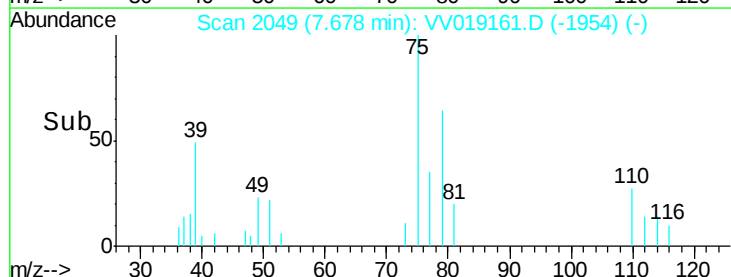
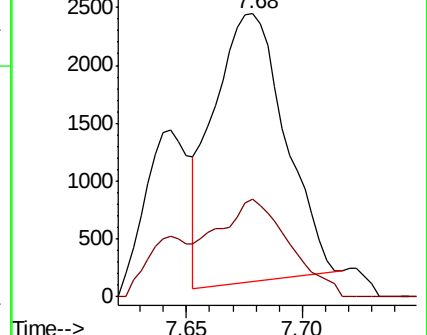
75 100

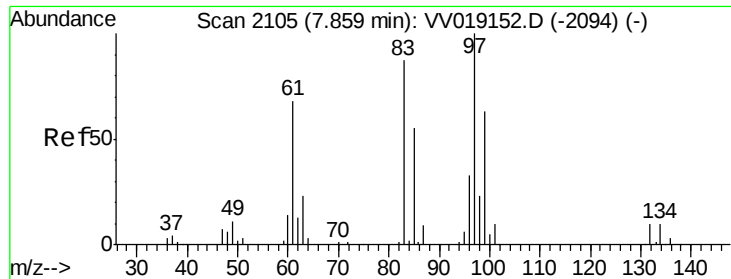
77 34.6 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

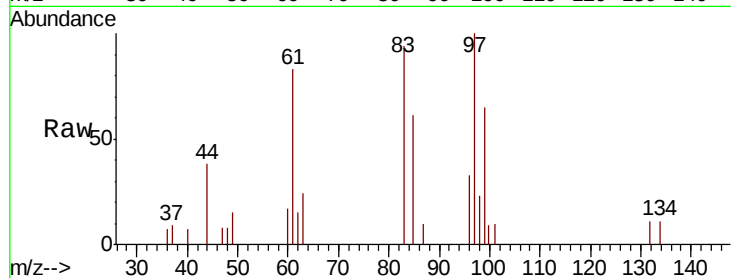




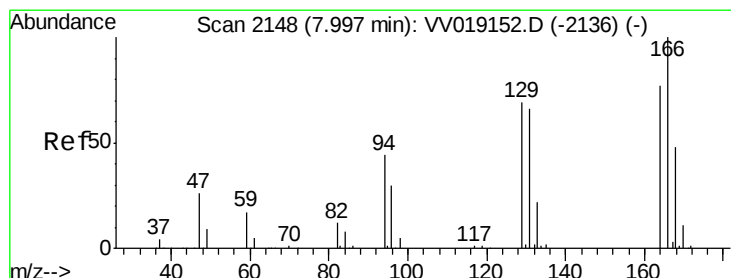
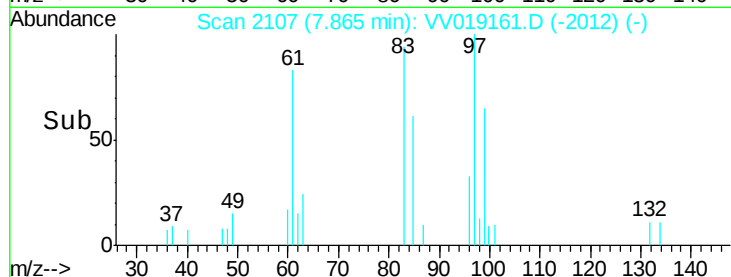
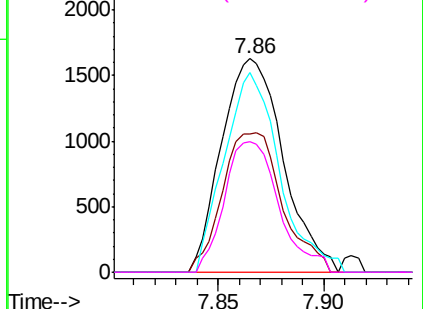
#45
 1,1,2-Trichloroethane
 Concen: 2.175 ug/L
 RT: 7.86 min Scan# 2107
 Delta R.T. 0.01 min
 Lab File: VV019161.D
 Acq: 29 Oct 2020 21:35

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	97	Resp:	3305
Ion	Ratio	Lower	Upper
97	100		
99	64.8	43.1	80.1
83	93.7	58.3	108.3
85	61.1	37.8	70.2

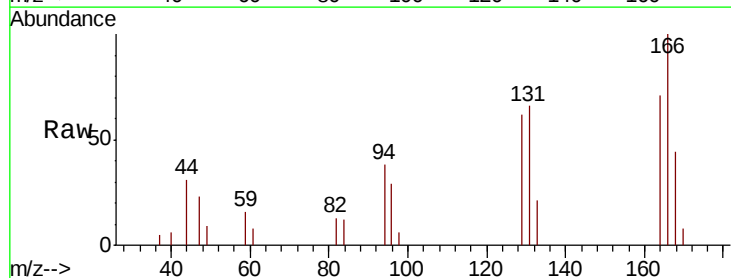


Abundance Ion 97.00 (96.70 to 97.70): VV019161.D (-2012) (-)

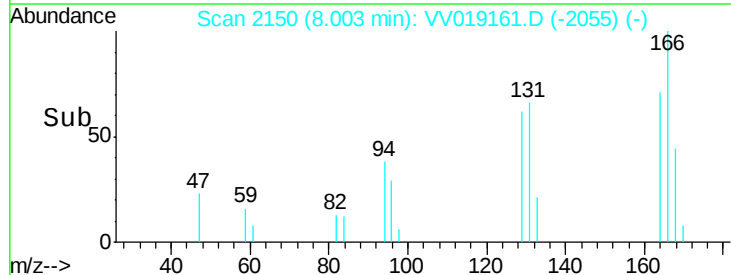
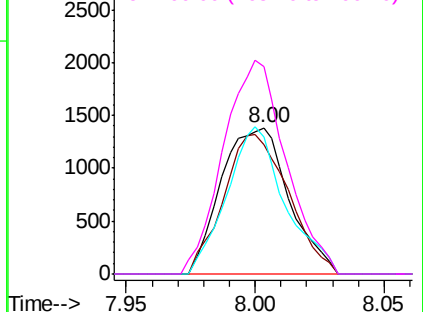


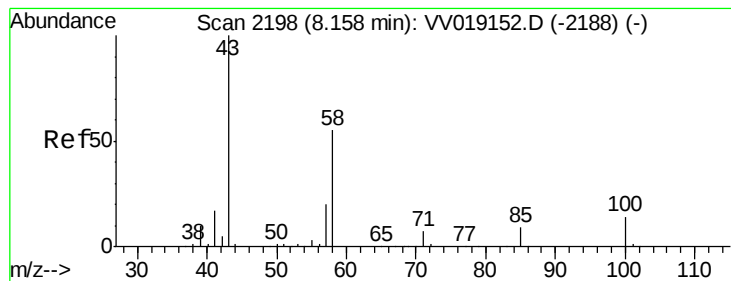
#46
 Tetrachloroethene
 Concen: 1.775 ug/L
 RT: 8.00 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: VV019161.D
 Acq: 29 Oct 2020 21:35

Tgt Ion:	164	Resp:	2534
Ion	Ratio	Lower	Upper
164	100		
129	88.3	63.2	117.4
131	93.8	60.3	112.1
166	141.8	88.3	163.9



Abundance Ion 164.00 (163.70 to 164.70): VV019161.D (-2055) (-)





#48

2-Hexanone

Concen: 5.090 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 43 Resp: 8456

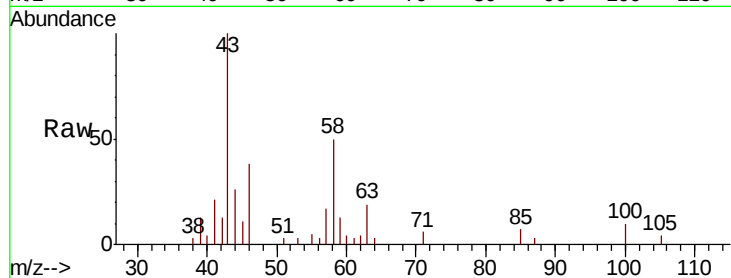
Ion Ratio Lower Upper

43 100

58 48.0 43.6 65.4

57 19.9 16.0 24.0

100 10.5 10.3 15.5

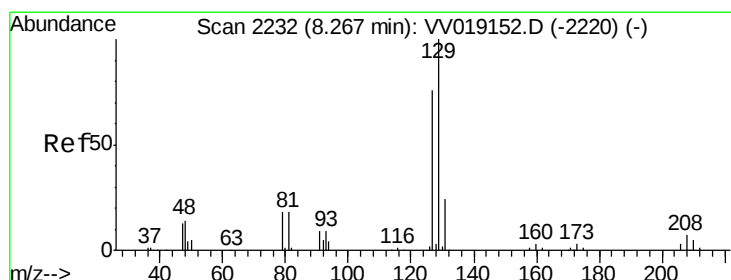
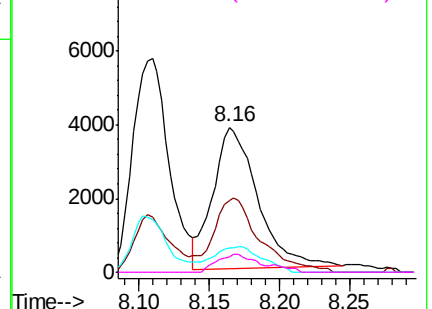
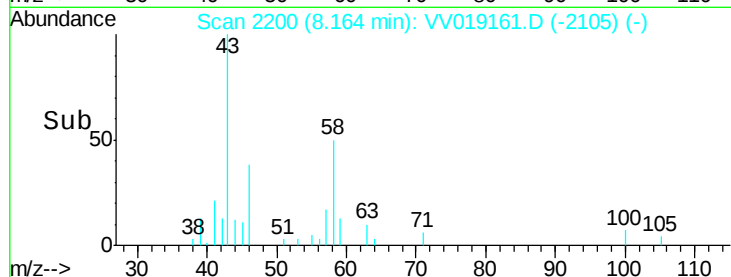


Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 2.003 ug/L

RT: 8.27 min Scan# 2233

Delta R.T. 0.00 min

Lab File: VV019161.D

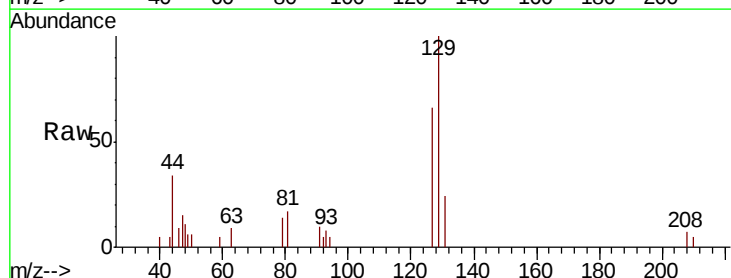
Acq: 29 Oct 2020 21:35

Tgt Ion: 129 Resp: 3686

Ion Ratio Lower Upper

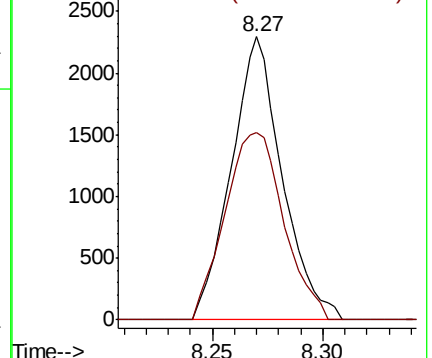
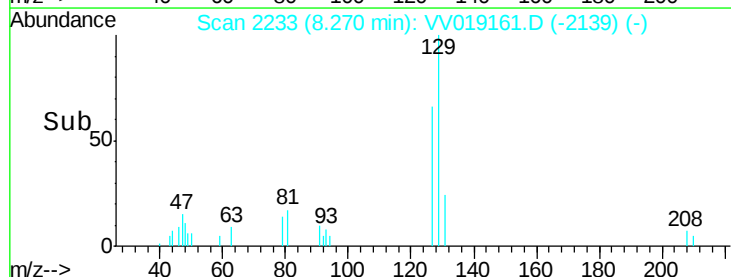
129 100

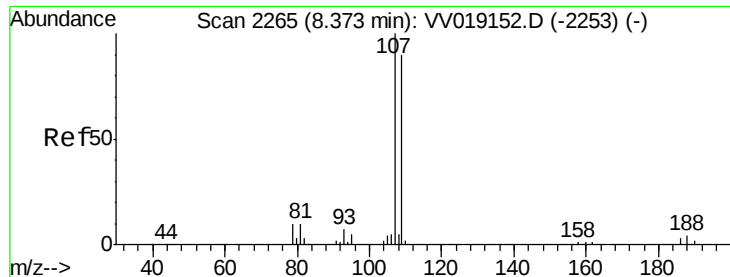
127 66.1 54.7 101.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

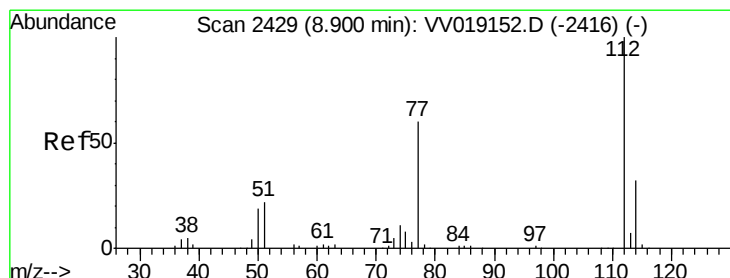
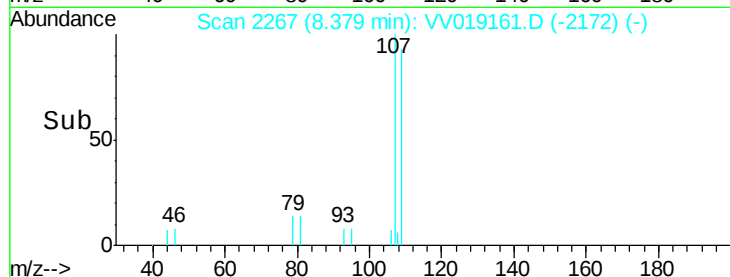
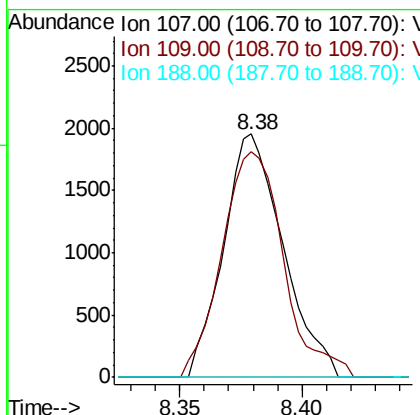
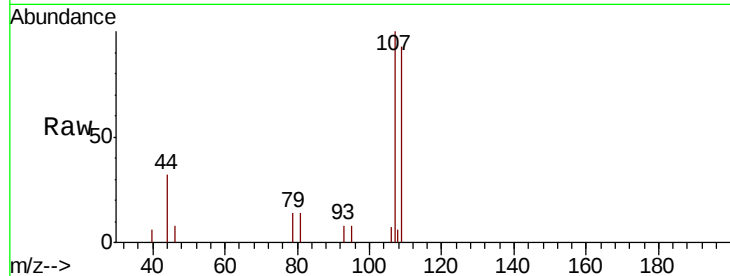




#50
 1,2-Dibromoethane
 Concen: 2.039 ug/L
 RT: 8.38 min Scan# 2267
 Delta R.T. 0.01 min
 Lab File: VV019161.D
 Acq: 29 Oct 2020 21:35

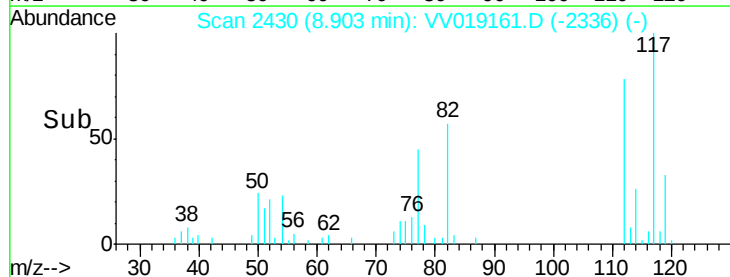
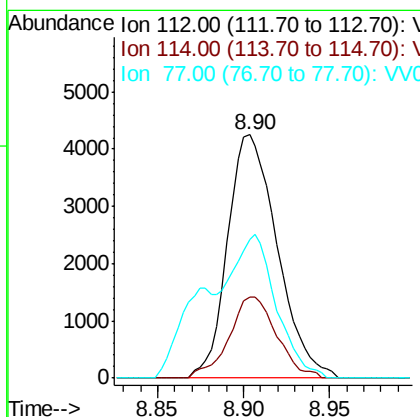
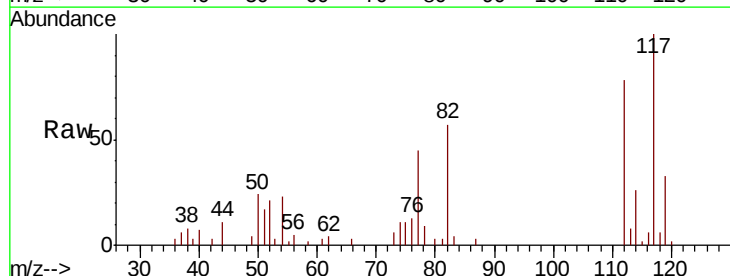
Instrument :
 MSVOA_V
 ClientSampleId :

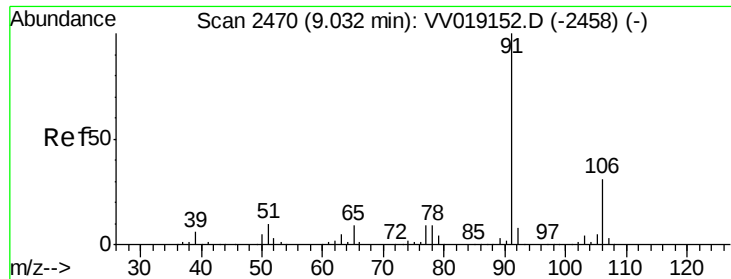
Tot Ion:107 Resp: 3306
 Ion Ratio Lower Upper
 107 100
 109 92.6 65.7 121.9
 188 0.0 3.4 5.2#



#51
 Chlorobenzene
 Concen: 1.947 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV019161.D
 Acq: 29 Oct 2020 21:35

Tgt Ion:112 Resp: 8536
 Ion Ratio Lower Upper
 112 100
 114 33.2 22.3 41.5
 77 57.1 46.7 70.1





#52

Ethylbenzene

Concen: 1.791 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

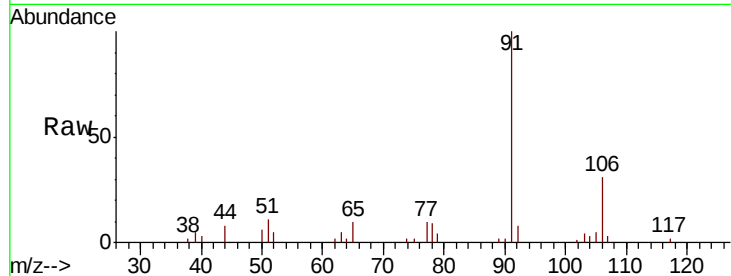
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 13200

Ion Ratio Lower Upper

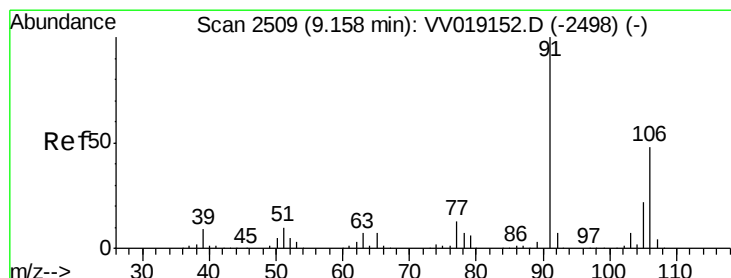
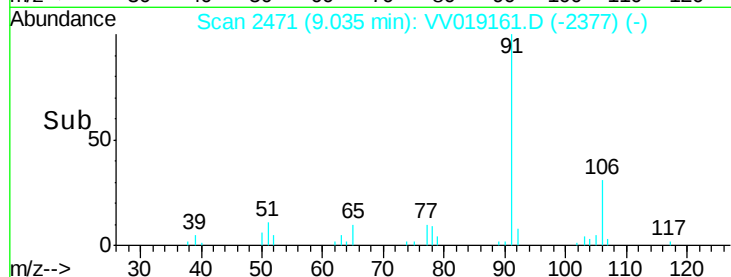
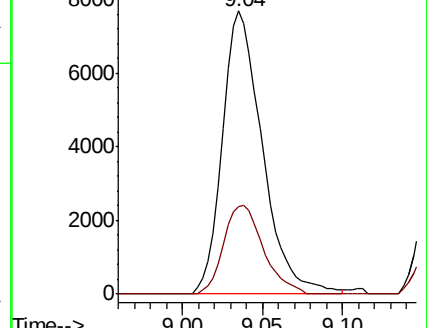
91 100

106 30.9 21.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): VV019161.D (-2377) (-)

Ion 106.00 (105.70 to 106.70): VV019161.D (-2377) (-)



#53

m,p-Xylene

Concen: 1.847 ug/L

RT: 9.17 min Scan# 2512

Delta R.T. 0.01 min

Lab File: VV019161.D

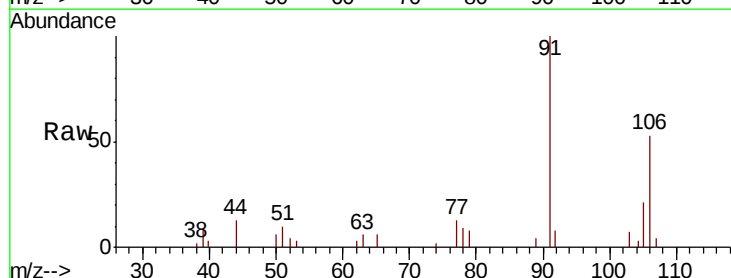
Acq: 29 Oct 2020 21:35

Tgt Ion: 106 Resp: 5143

Ion Ratio Lower Upper

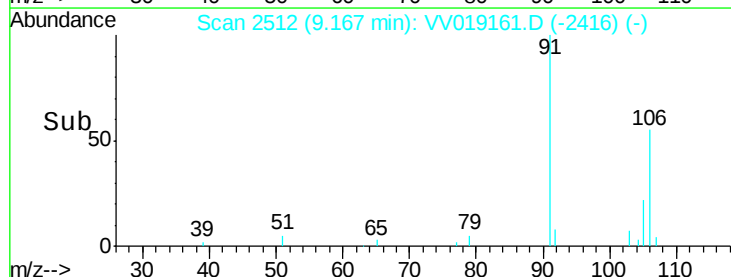
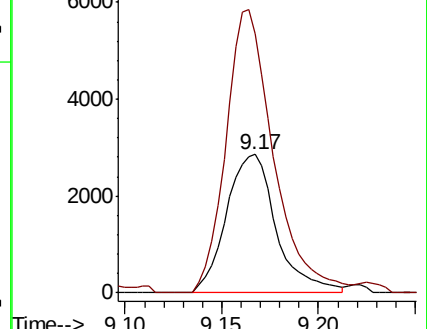
106 100

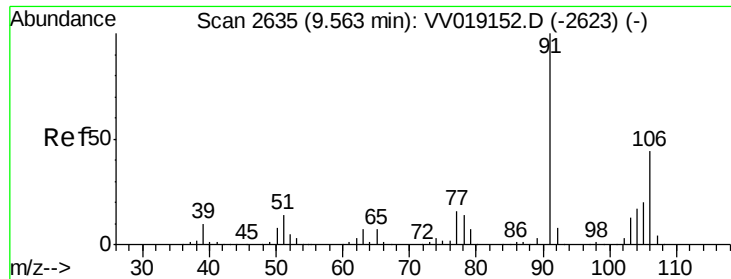
91 187.9 145.4 270.0



Abundance Ion 106.00 (105.70 to 106.70): VV019161.D (-2416) (-)

Ion 91.00 (90.70 to 91.70): VV019161.D (-2416) (-)





#54

o-xylene

Concen: 1.697 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

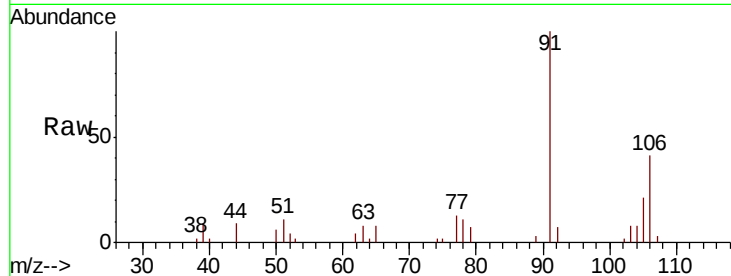
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 4535

Ion Ratio Lower Upper

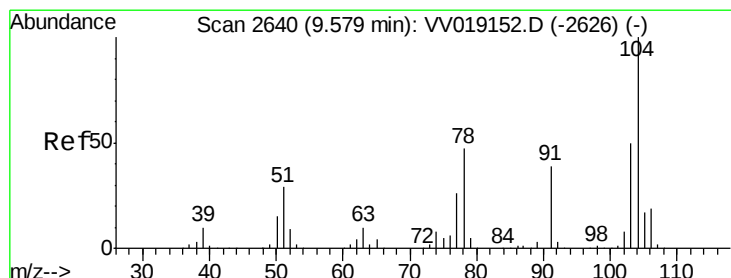
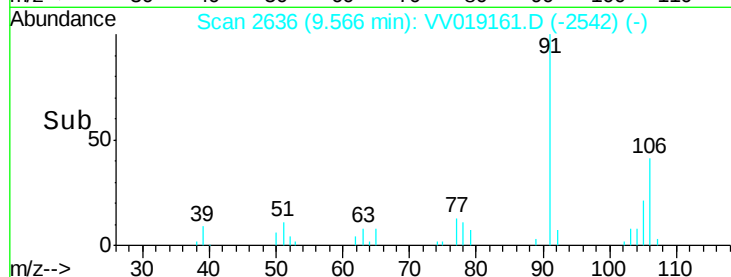
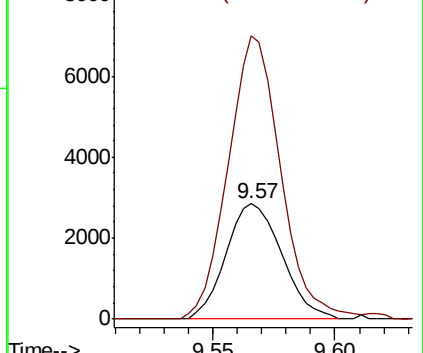
106 100

91 244.8 153.4 285.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 1.551 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. 0.01 min

Lab File: VV019161.D

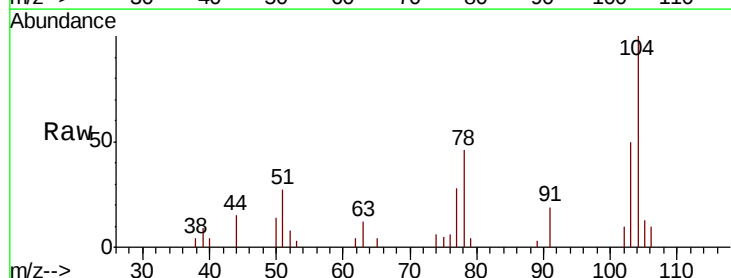
Acq: 29 Oct 2020 21:35

Tgt Ion:104 Resp: 7348

Ion Ratio Lower Upper

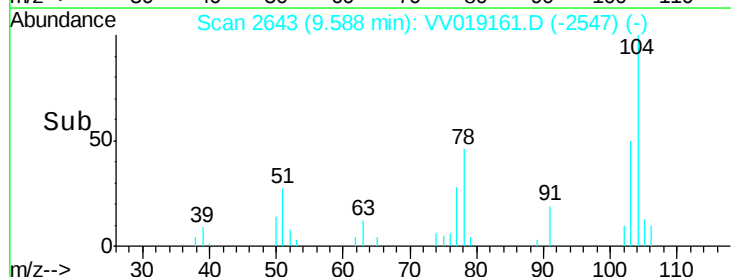
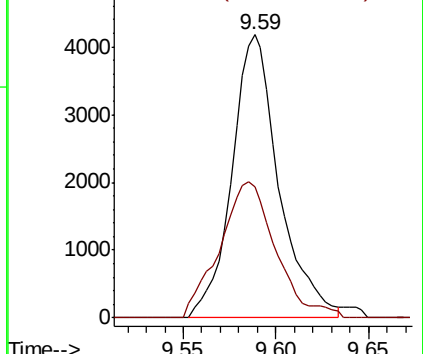
104 100

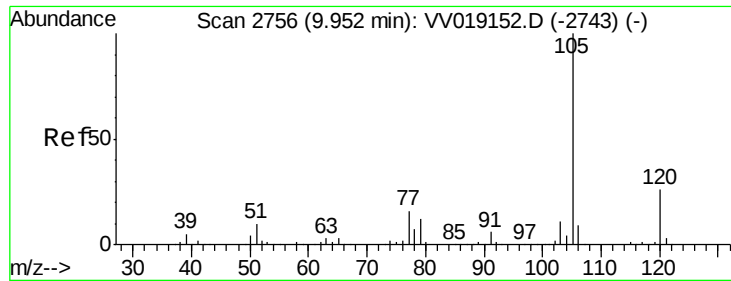
78 46.5 32.8 60.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 1.584 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

Instrument :

MSVOA_V

ClientSampleId :

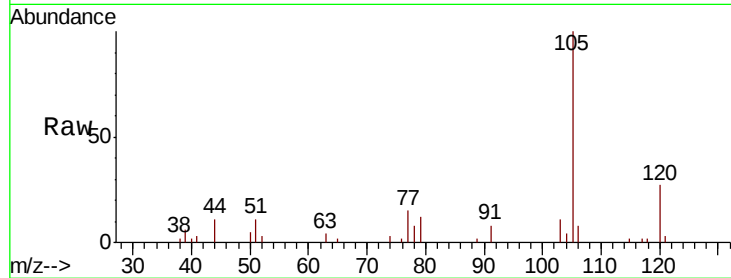
Tot Ion:105 Resp: 11380

Ion Ratio Lower Upper

105 100

120 28.2 21.3 31.9

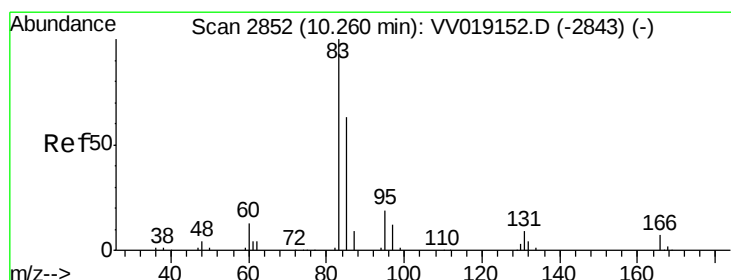
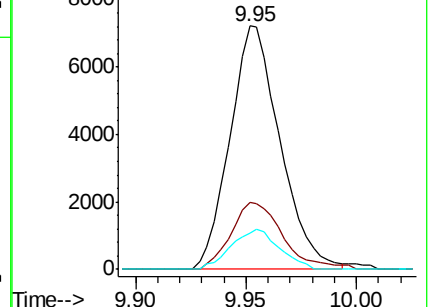
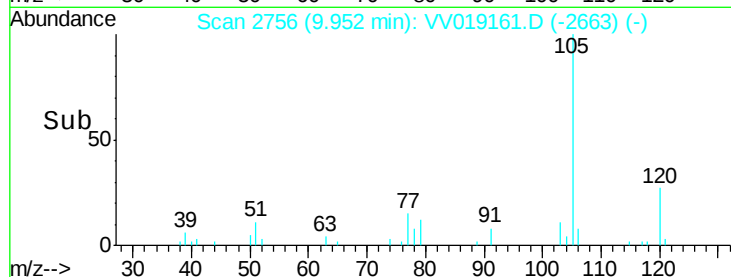
77 15.8 13.0 19.4



Abundance Ion 105.00 (104.70 to 105.70): VV019152.D (-2743) (-)

Ion 120.00 (119.70 to 120.70): VV019152.D (-2743) (-)

Ion 77.00 (76.70 to 77.70): VV019152.D (-2743) (-)



#58

1,1,2,2-Tetrachloroethane

Concen: 2.343 ug/L

RT: 10.26 min Scan# 2852

Delta R.T. -0.00 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

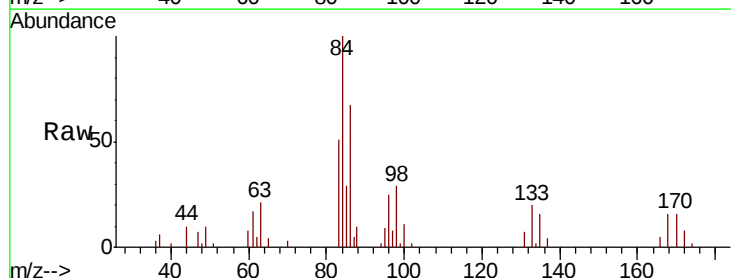
Tgt Ion: 83 Resp: 5422

Ion Ratio Lower Upper

83 100

85 57.1 45.8 85.0

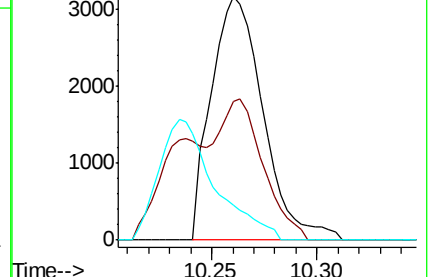
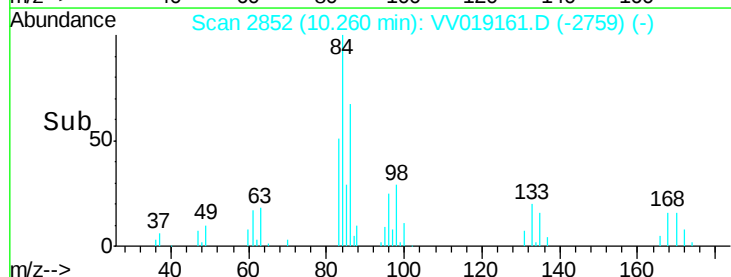
131 14.3 8.9 13.3#

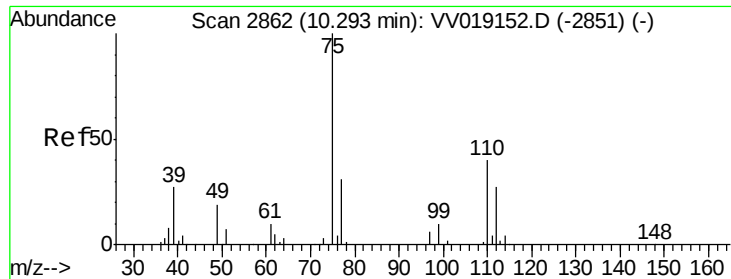


Abundance Ion 83.00 (82.70 to 83.70): VV019152.D (-2843) (-)

Ion 85.00 (84.70 to 85.70): VV019152.D (-2843) (-)

Ion 131.00 (130.70 to 131.70): VV019152.D (-2843) (-)





#59

1,2,3-Trichloropropane

Concen: 6.783 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

Instrument :

MSVOA_V

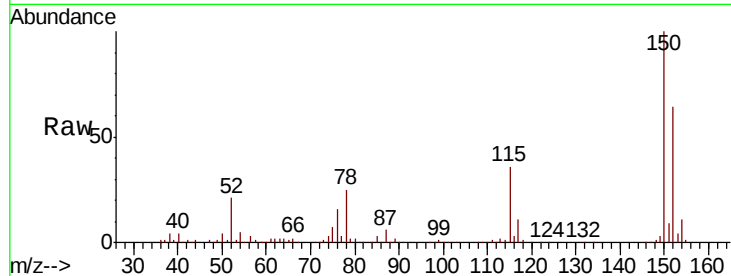
ClientSampleId :

Tot Ion: 75 Resp: 13437

Ion Ratio Lower Upper

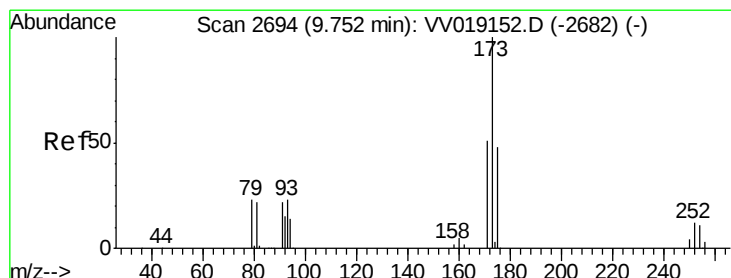
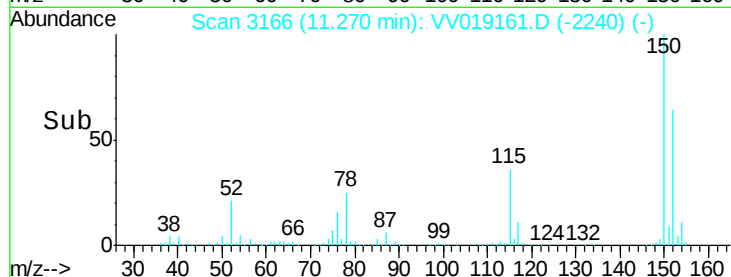
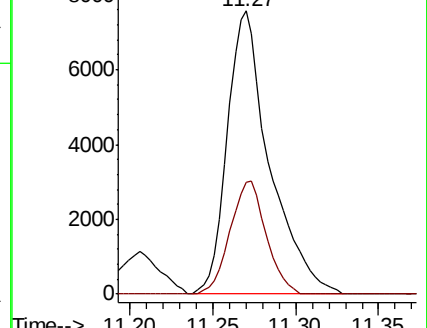
75 100

77 34.0 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VV019152.D (-2851) (-)

Ion 77.00 (76.70 to 77.70): VV019152.D (-2851) (-)



#61

Bromoform

Concen: 2.143 ug/L

RT: 9.76 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

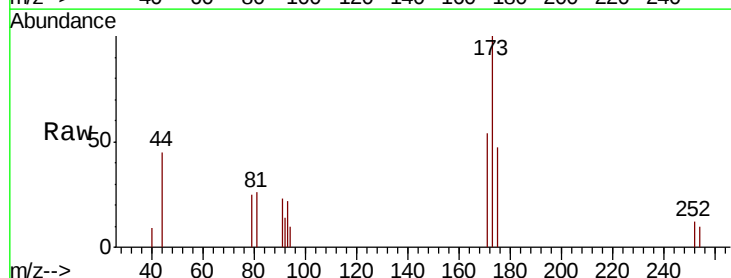
Tgt Ion: 173 Resp: 2802

Ion Ratio Lower Upper

173 100

175 43.9 39.8 59.6

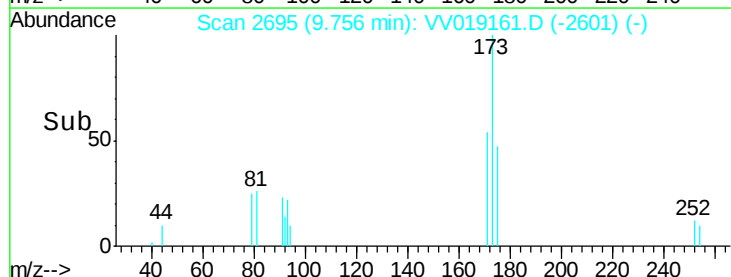
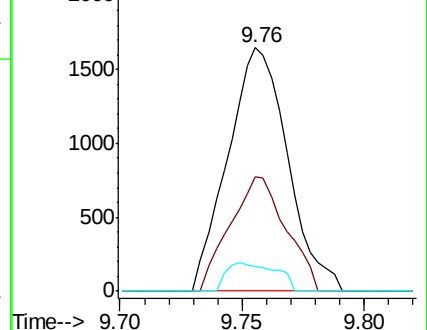
254 7.8 9.7 14.5#

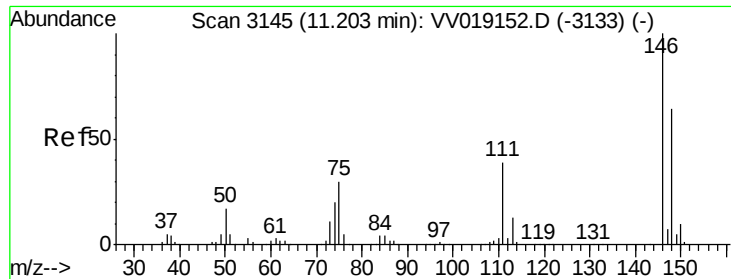


Abundance Ion 173.00 (172.70 to 173.70): VV019152.D (-2682) (-)

Ion 175.00 (174.70 to 175.70): VV019152.D (-2682) (-)

Ion 254.00 (253.70 to 254.70): VV019152.D (-2682) (-)





#62

1,3-Dichlorobenzene

Concen: 1.992 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

Instrument :

MSVOA_V

ClientSampled :

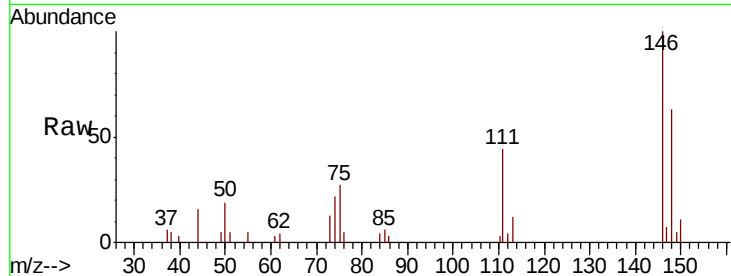
Tot Ion:146 Resp: 6661

Ion Ratio Lower Upper

146 100

111 43.6 27.1 50.3

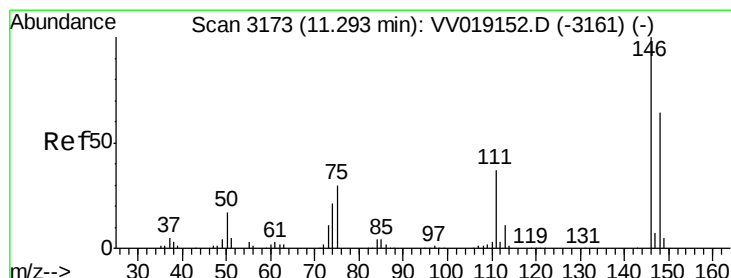
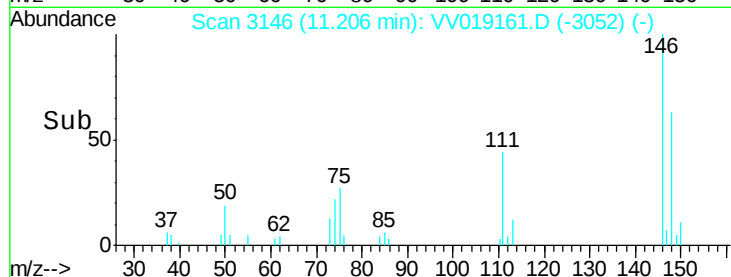
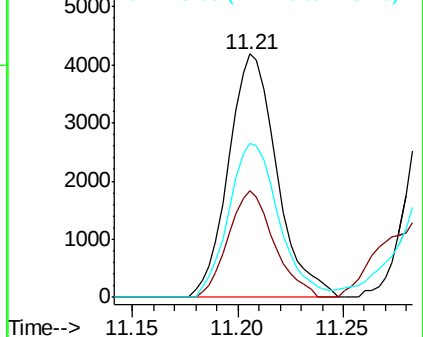
148 63.2 44.7 83.1



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: 2.164 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

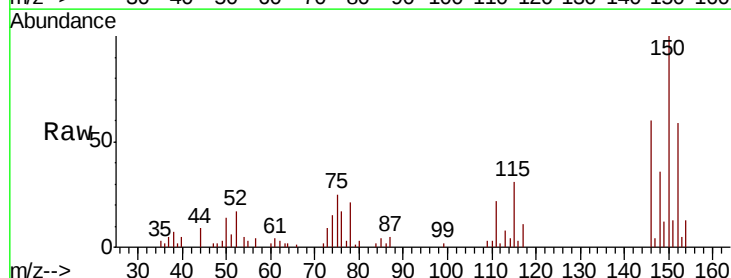
Tgt Ion:146 Resp: 7520

Ion Ratio Lower Upper

146 100

111 36.3 25.8 48.0

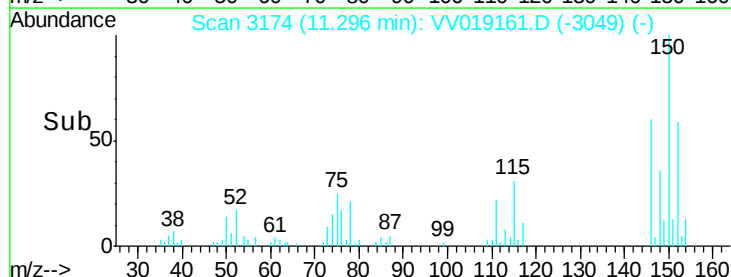
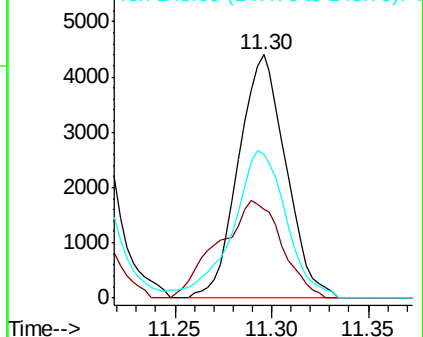
148 59.1 44.0 81.6

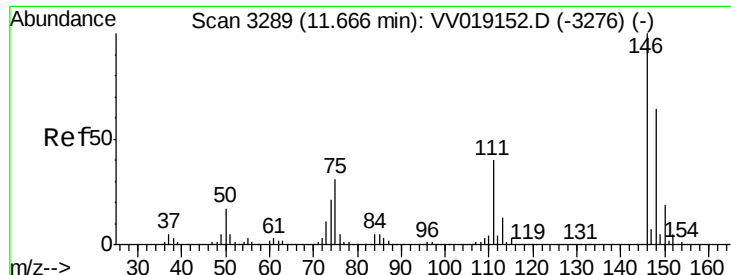


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 2.183 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

Instrument :

MSVOA_V

ClientSampleId :

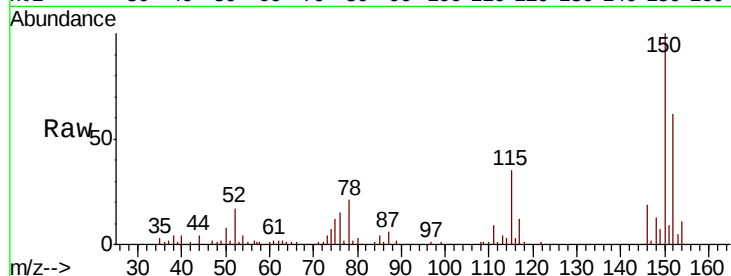
Tot Ion:146 Resp: 7231

Ion Ratio Lower Upper

146 100

111 46.6 32.2 48.4

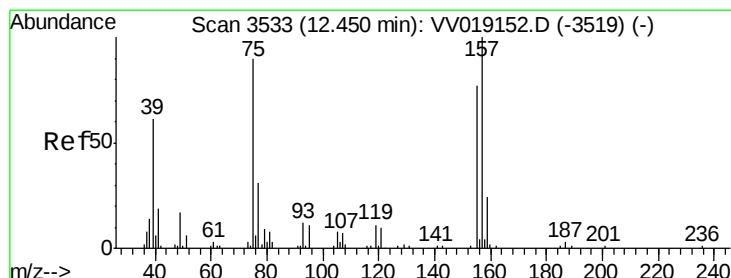
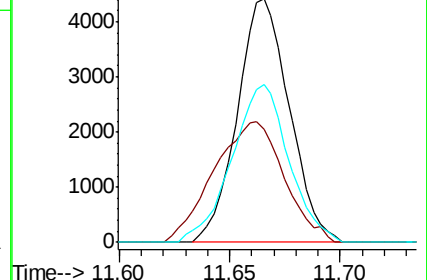
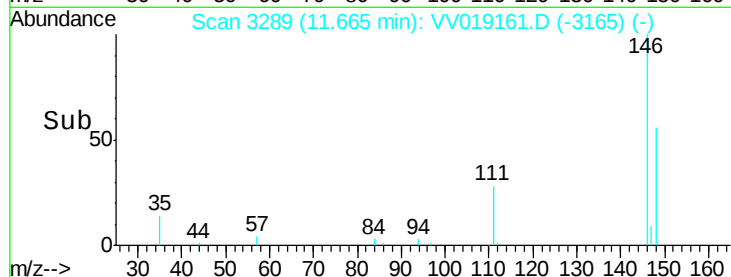
148 64.8 50.8 76.2



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: 2.273 ug/L

RT: 12.45 min Scan# 3534

Delta R.T. 0.00 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

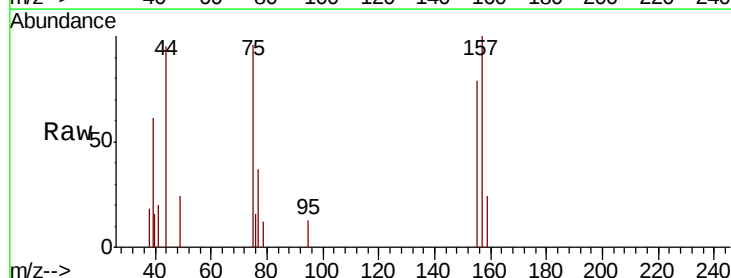
Tgt Ion: 75 Resp: 1288

Ion Ratio Lower Upper

75 100

155 82.1 71.1 106.7

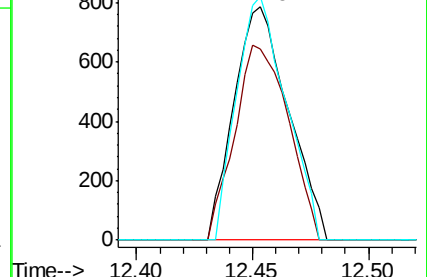
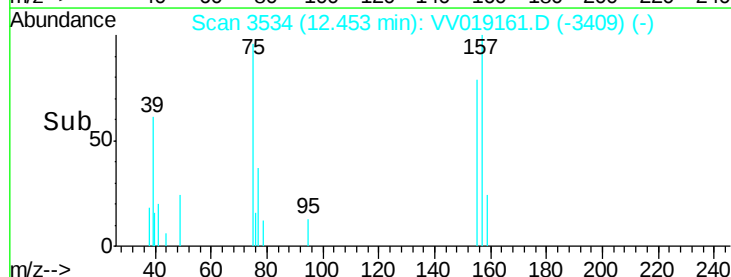
157 104.3 90.5 135.7

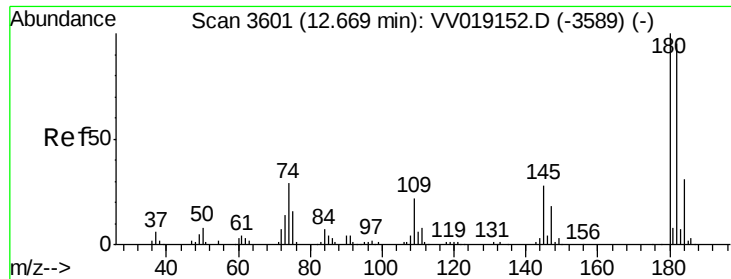


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

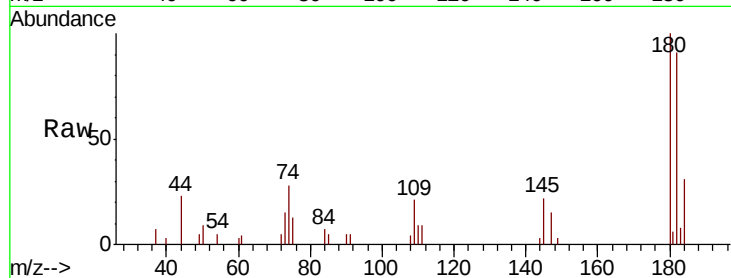




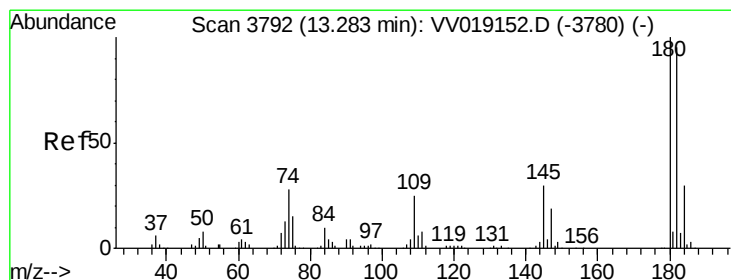
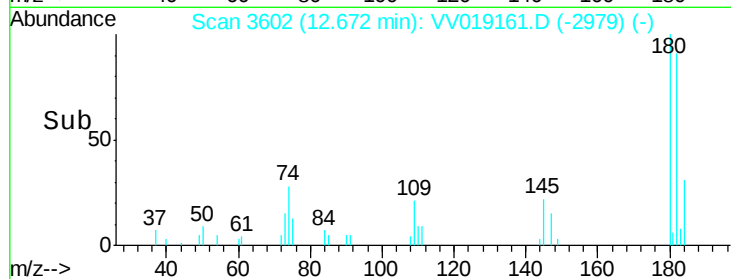
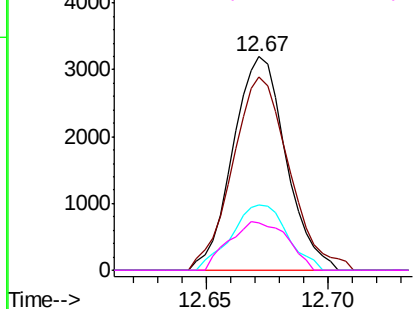
#67
 1,3,5-Trichlorobenzene
 Concen: 1.958 ug/L
 RT: 12.67 min Scan# 3602
 Delta R.T. 0.00 min
 Lab File: VV019161.D
 Acq: 29 Oct 2020 21:35

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 4819
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.1 114.1
 184 32.1 24.5 36.7
 145 25.0 22.7 34.1

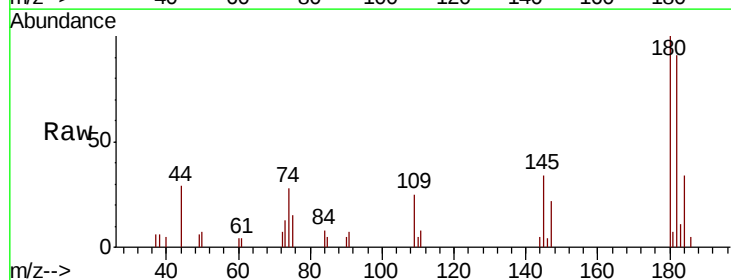


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

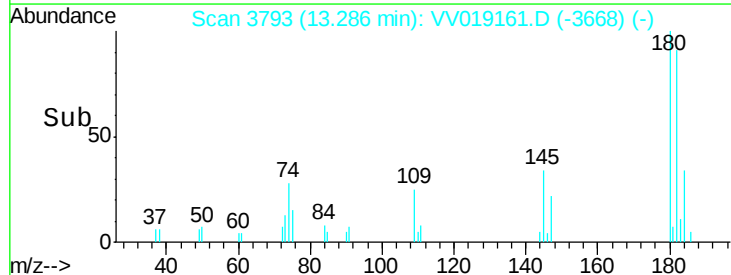
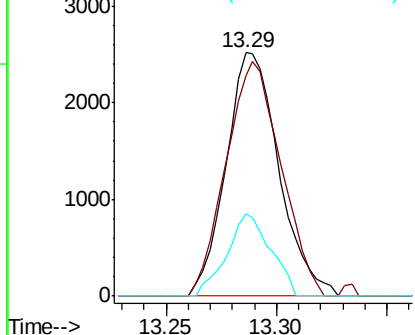


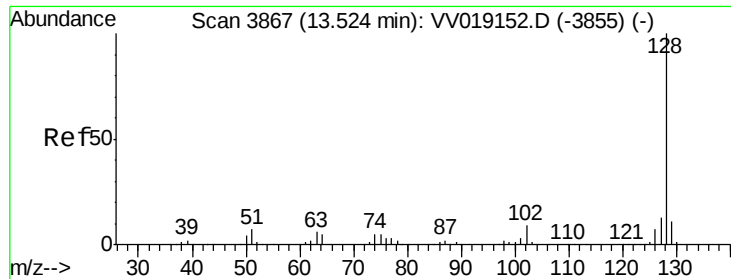
#68
 1,2,4-trichlorobenzene
 Concen: 1.813 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV019161.D
 Acq: 29 Oct 2020 21:35

Tgt Ion:180 Resp: 4182
 Ion Ratio Lower Upper
 180 100
 182 99.8 75.8 113.6
 145 27.8 22.6 34.0



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: 1.461 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.01 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

Instrument :

MSVOA_V

ClientSampleId :

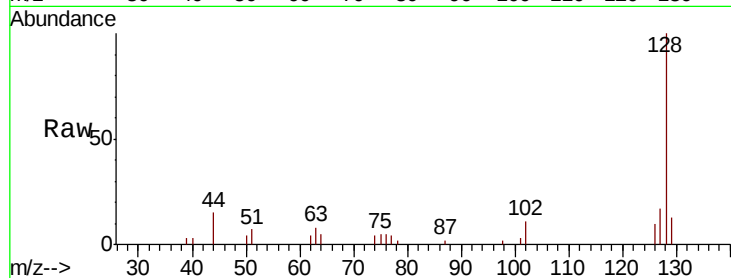
Tot Ion:128 Resp: 9439

Ion Ratio Lower Upper

128 100

127 14.4 10.8 16.2

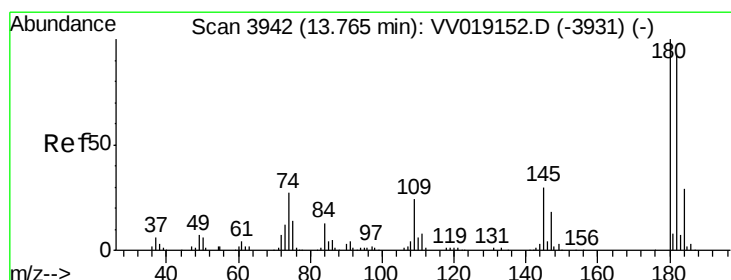
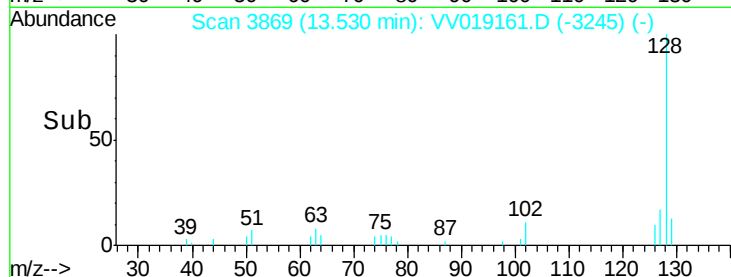
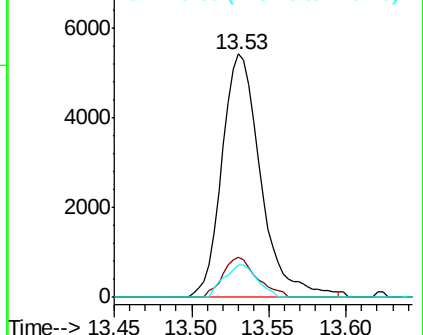
129 11.4 8.6 13.0



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: 1.832 ug/L

RT: 13.77 min Scan# 3944

Delta R.T. 0.01 min

Lab File: VV019161.D

Acq: 29 Oct 2020 21:35

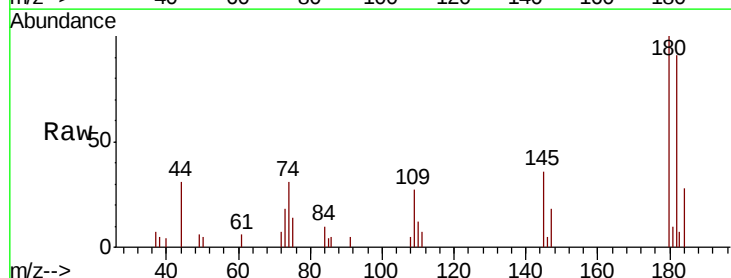
Tgt Ion:180 Resp: 4134

Ion Ratio Lower Upper

180 100

182 87.5 76.2 114.4

145 33.0 25.1 37.7



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

