

Data File : VV008585.D
Acq On : 16 Nov 2018 16:58
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV66

Quant Time: Nov 17 04:47:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 04:38:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	167831	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	150845	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70012	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35754	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.59	69	28839	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.14	63	73623	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	3.98	46	125475	47.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.08%
24) Chloroform-d	4.41	84	97866	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.09	65	50196	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.10	84	194371	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	61319	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	184165	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.67	79	23988	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.14	63	107947	49.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43027	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	63739	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	71042	5.135	ug/L 98
3) Chloromethane	1.25	50	55793	4.825	ug/L 99
5) Vinyl chloride	1.32	62	54460	5.131	ug/L 99
6) Bromomethane	1.54	94	32403	4.895	ug/L 92
8) Chloroethane	1.60	64	31692	5.096	ug/L 99
9) Trichlorofluoromethane	1.77	101	77283	5.283	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	43734	5.124	ug/L 98
12) 1,1-Dichloroethene	2.14	96	38905	5.000	ug/L 96
13) Acetone	2.24	43	72114	51.838	ug/L 99
14) Carbon disulfide	2.32	76	125020	5.148	ug/L 99
15) Methyl Acetate	2.48	43	18504	5.316	ug/L 95
16) Methylene chloride	2.54	84	42641	4.501	ug/L 96
17) Methyl tert-butyl Ether	2.81	73	101626	4.908	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	43142	5.108	ug/L 98
19) 1,1-Dichloroethane	3.23	63	108945	5.097	ug/L 98
21) 2-Butanone	4.06	43	156584	50.273	ug/L 98
22) cis-1,2-Dichloroethene	3.97	96	63894	5.012	ug/L 99

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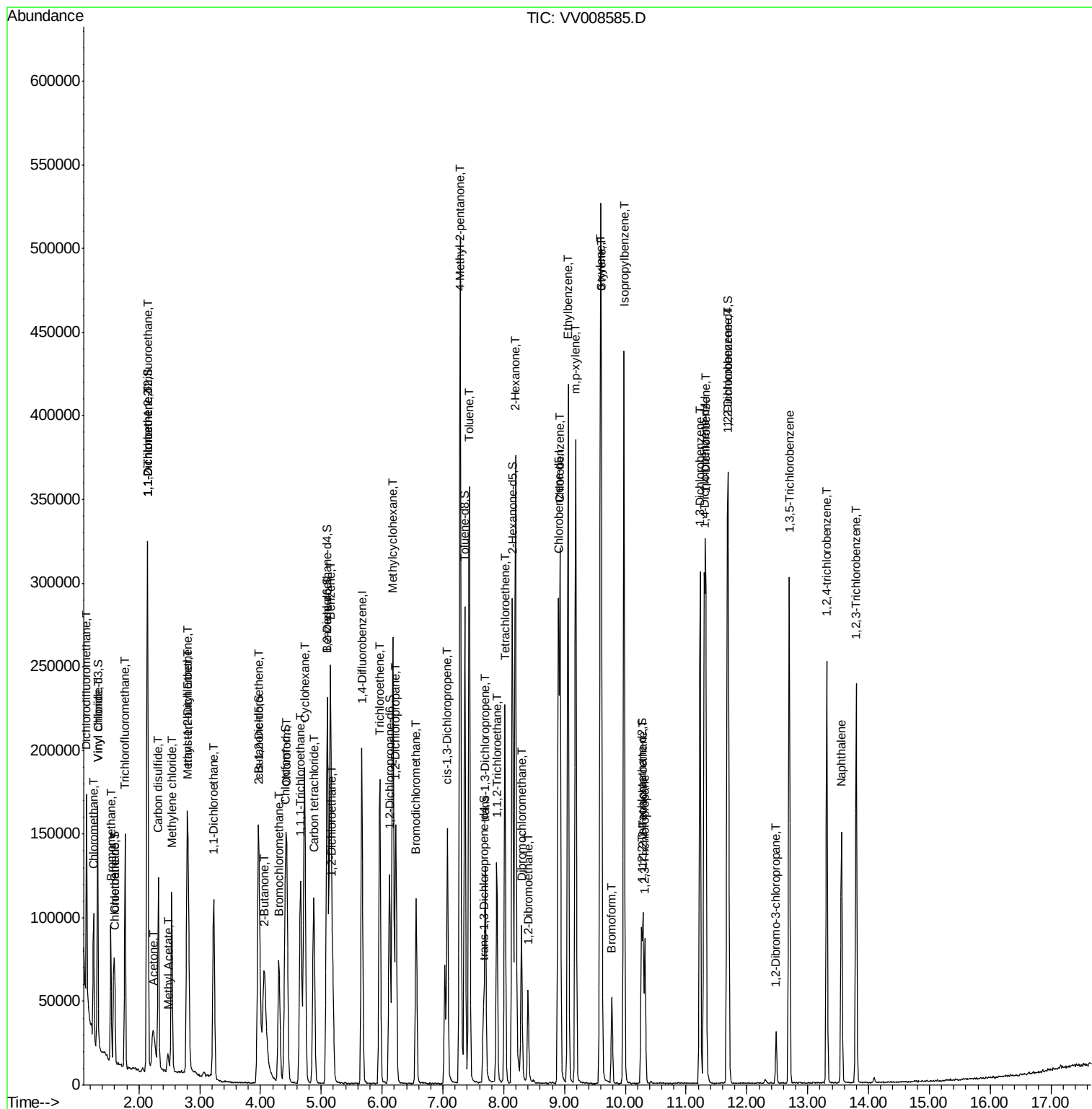
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	25396	5.177	ug/L	95
25) Chloroform	4.43	83	115817	4.290	ug/L	100
27) 1,2-Dichloroethane	5.19	62	65821	4.886	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	96951	5.091	ug/L	99
30) Cyclohexane	4.72	56	108279	5.112	ug/L	99
31) Carbon tetrachloride	4.87	117	83663	5.166	ug/L	99
33) Benzene	5.15	78	241587	5.051	ug/L	100
34) Trichloroethene	5.96	95	64850	5.130	ug/L	98
35) Methylcyclohexane	6.18	83	112474	5.255	ug/L	99
37) 1,2-Dichloropropane	6.23	63	62790	4.995	ug/L	100
38) Bromodichloromethane	6.56	83	73420	4.787	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	88237	5.222	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	362093	49.213	ug/L	100
42) Toluene	7.43	91	254963	5.116	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	71152	5.169	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	39897	4.987	ug/L	97
47) Tetrachloroethene	8.02	164	47699	5.215	ug/L	97
48) 2-Hexanone	8.19	43	260655	52.487	ug/L	99
49) Dibromochloromethane	8.29	129	46093	5.066	ug/L	97
50) 1,2-Dibromoethane	8.40	107	36782	5.088	ug/L	91
51) Chlorobenzene	8.93	112	158916	5.169	ug/L	98
52) Ethylbenzene	9.06	91	285445	5.203	ug/L	100
53) m,p-xylene	9.18	106	105570	5.206	ug/L	98
54) o-xylene	9.59	106	102822	5.210	ug/L	98
55) Styrene	9.61	104	169646	5.325	ug/L	97
56) Isopropylbenzene	9.98	105	276134	5.211	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	46646	4.940	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	35008	4.910	ug/L	99
61) Bromoform	9.78	173	22454	4.991	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	119205	5.226	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	118617	5.277	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	112919	5.200	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	7434	5.350	ug/L #	80
67) 1,3,5-Trichlorobenzene	12.69	180	90410	5.474	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	72709	5.463	ug/L	99
69) Naphthalene	13.56	128	118882	5.498	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	67829	5.524	ug/L	100

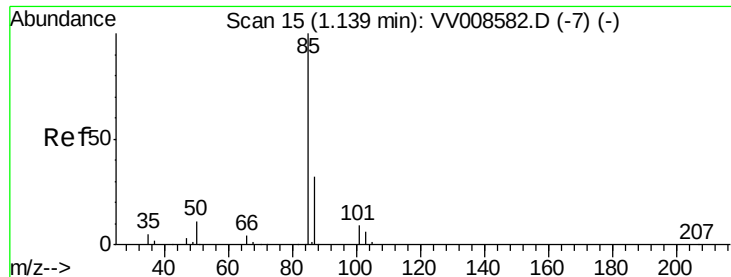
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 5.135 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV008585.D

Acq: 16 Nov 2018 16:58

Instrument :

MSVOA_V

ClientSampleId :

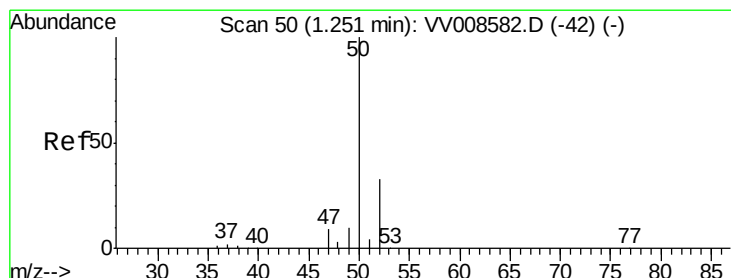
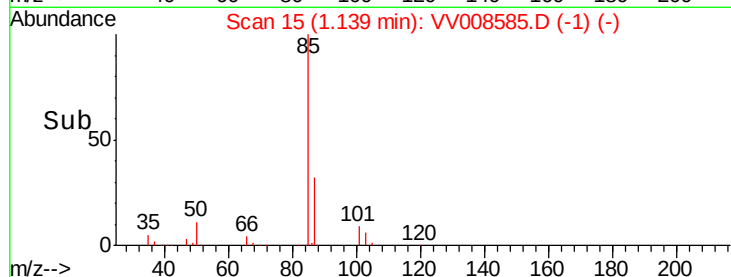
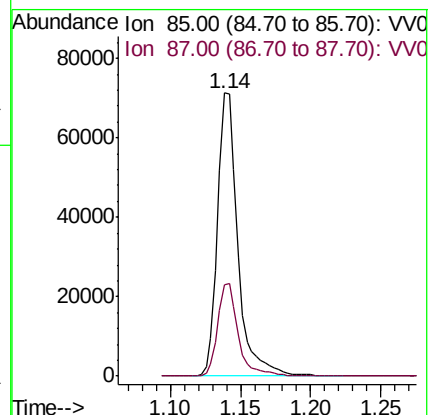
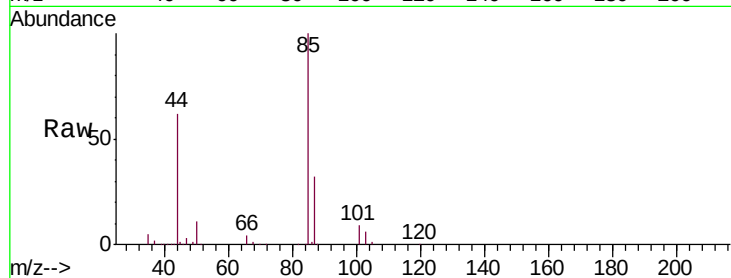
VICV66

Tgt Ion: 85 Resp: 71042

Ion Ratio Lower Upper

85 100

87 33.0 25.7 38.5



#3

Chloromethane

Concen: 4.825 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008585.D

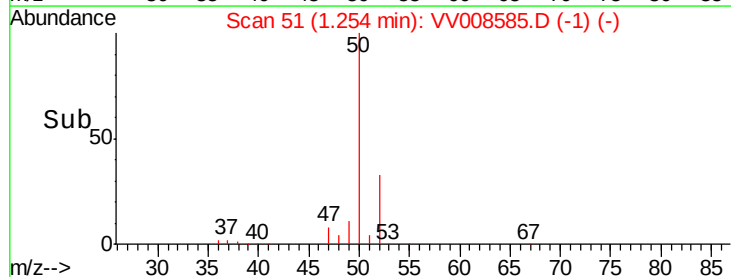
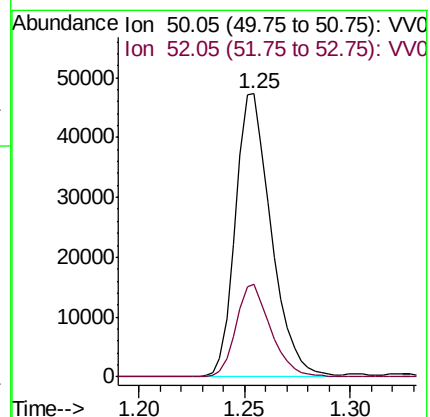
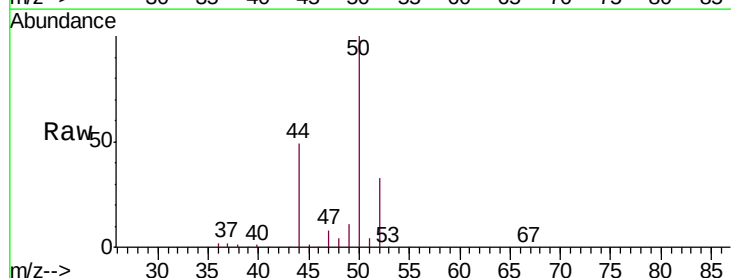
Acq: 16 Nov 2018 16:58

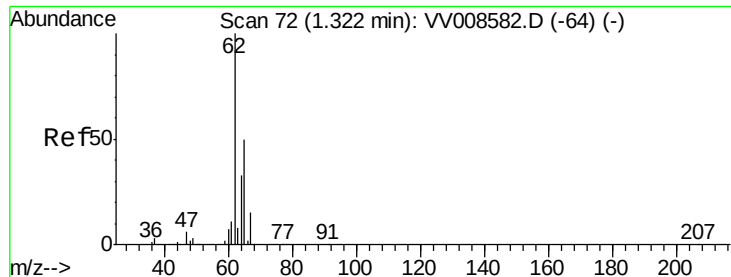
Tgt Ion: 50 Resp: 55793

Ion Ratio Lower Upper

50 100

52 32.5 23.3 43.3





#5

Vinyl chloride

Concen: 5.131 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV008585.D

Acq: 16 Nov 2018 16:58

Instrument :

MSVOA_V

ClientSampled :

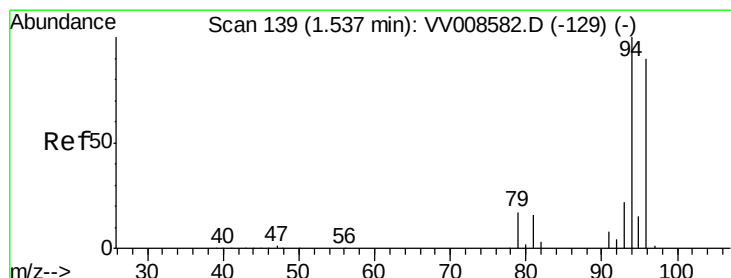
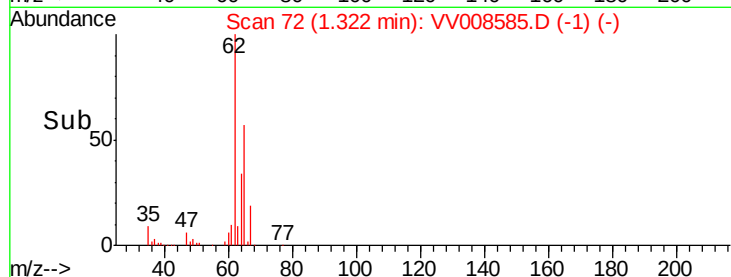
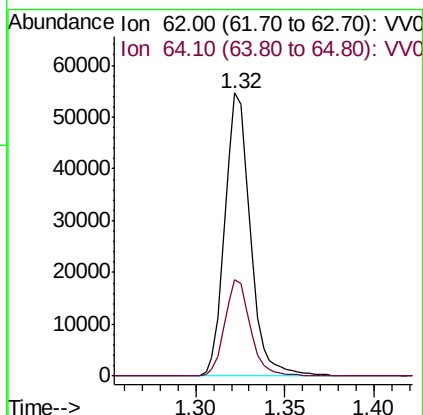
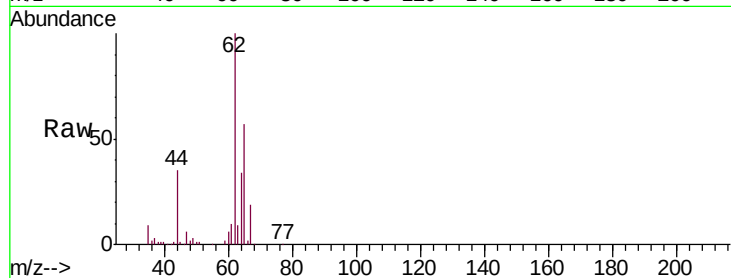
VICV66

Tgt Ion: 62 Resp: 54460

Ion Ratio Lower Upper

62 100

64 34.2 23.4 43.4



#6

Bromomethane

Concen: 4.895 ug/L

RT: 1.54 min Scan# 139

Delta R.T. -0.00 min

Lab File: VV008585.D

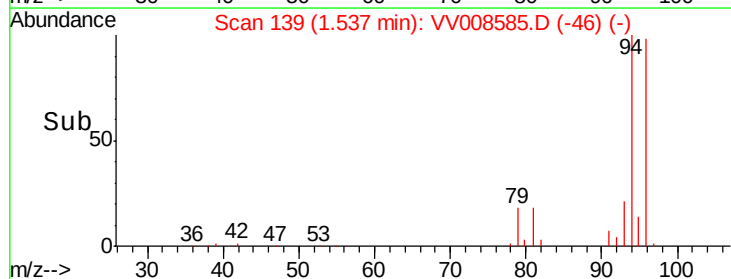
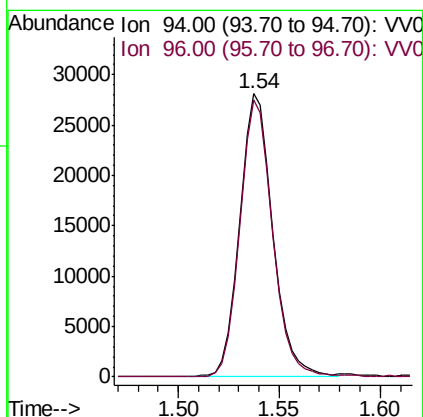
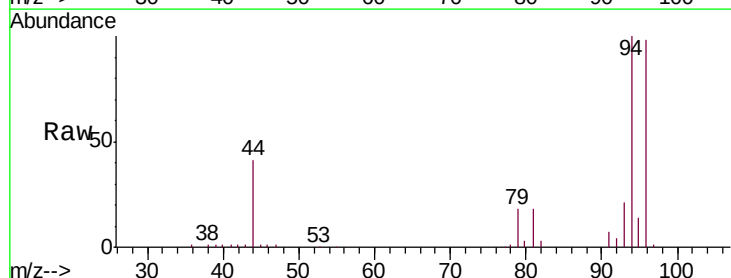
Acq: 16 Nov 2018 16:58

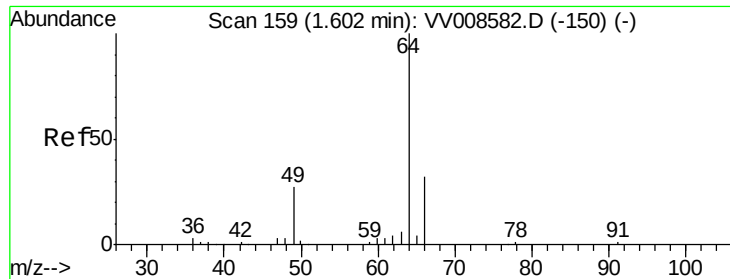
Tgt Ion: 94 Resp: 32403

Ion Ratio Lower Upper

94 100

96 97.8 63.2 117.4





#8

Chloroethane

Concen: 5.096 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.00 min

Lab File: VV008585.D

Acq: 16 Nov 2018 16:58

Instrument :

MSVOA_V

ClientSampleId :

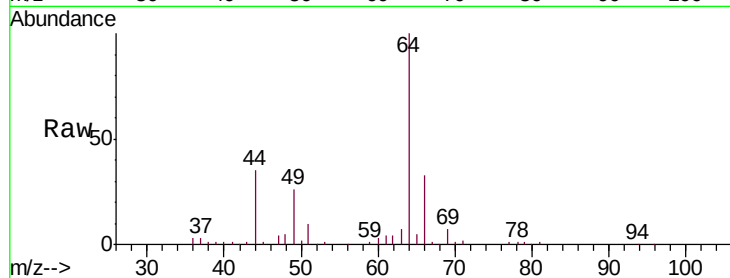
VICV66

Tgt Ion: 64 Resp: 31692

Ion Ratio Lower Upper

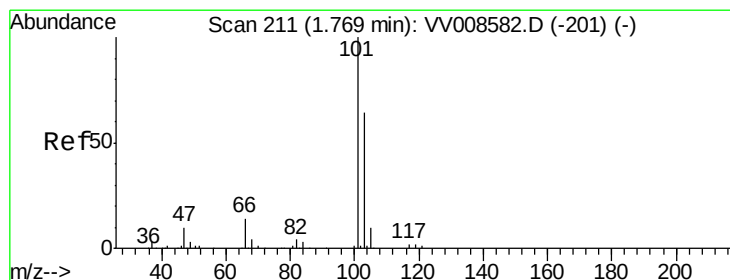
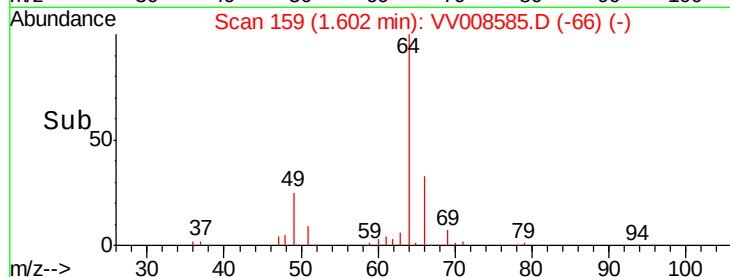
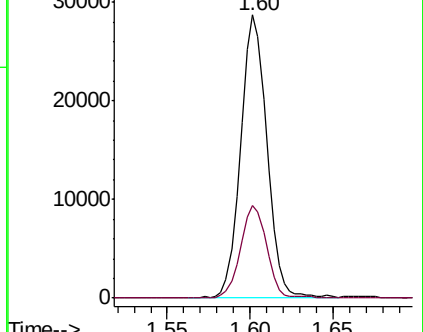
64 100

66 32.8 22.7 42.3



Abundance Ion 64.10 (63.80 to 64.80): VV008582.D (-150) (-)

Ion 66.05 (65.75 to 66.75): VV008582.D (-150) (-)



#9

Trichlorofluoromethane

Concen: 5.283 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.00 min

Lab File: VV008585.D

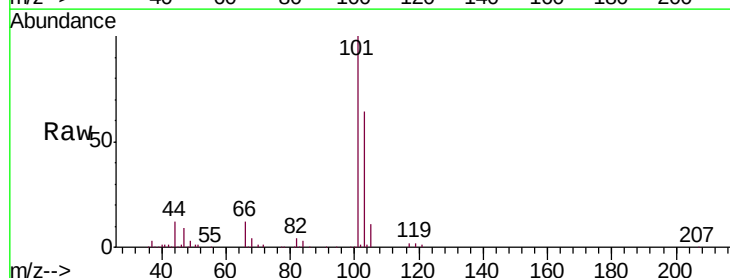
Acq: 16 Nov 2018 16:58

Tgt Ion: 101 Resp: 77283

Ion Ratio Lower Upper

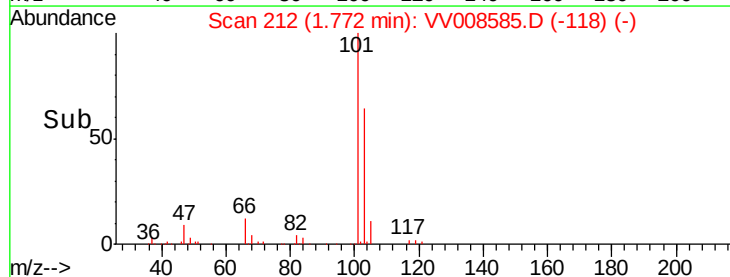
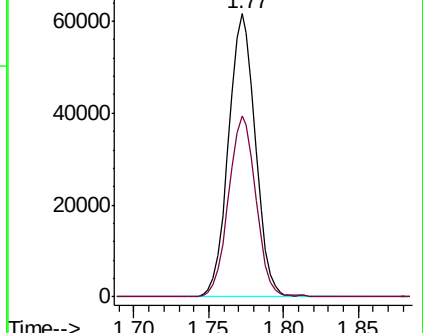
101 100

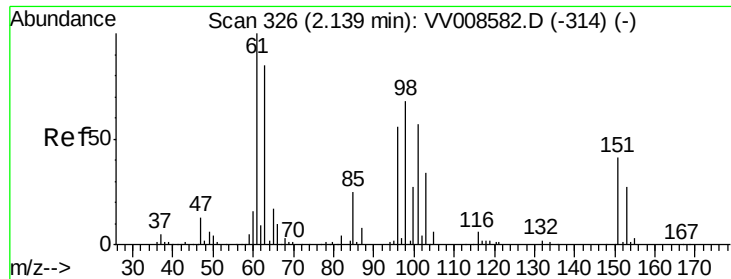
103 64.6 51.1 76.7



Abundance Ion 101.00 (100.70 to 101.70): VV008582.D (-201) (-)

Ion 103.00 (102.70 to 103.70): VV008582.D (-201) (-)





#10

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

Concen: 5.124 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV008585.D

Acq: 16 Nov 2018 16:58

Instrument :

MSVOA_V

ClientSampleId :

VICV66

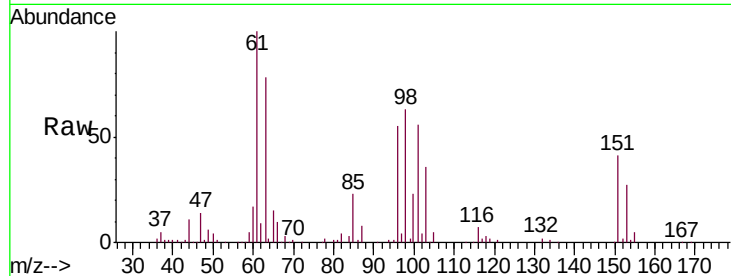
Tgt Ion:101 Resp: 43734

Ion Ratio Lower Upper

101 100

85 42.5 35.4 53.0

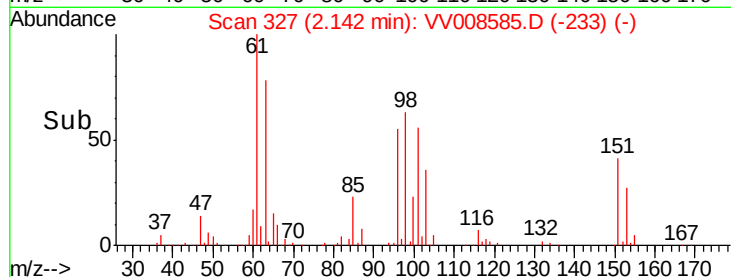
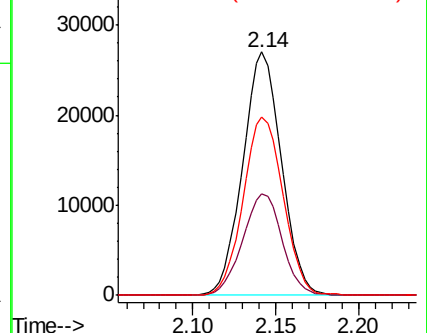
151 75.8 59.4 89.2



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: 5.000 ug/L

RT: 2.14 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV008585.D

Acq: 16 Nov 2018 16:58

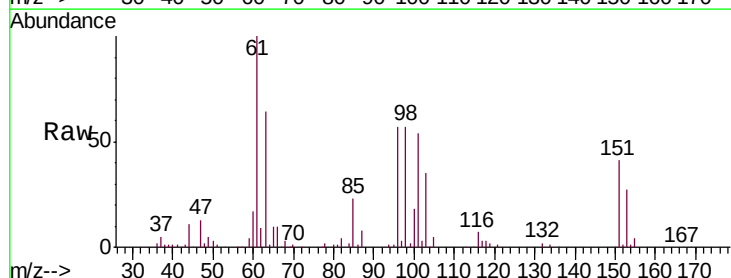
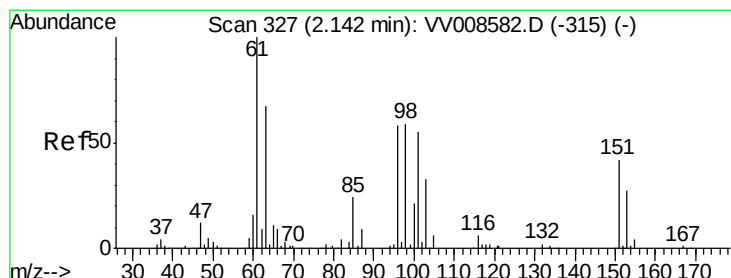
Tgt Ion: 96 Resp: 38905

Ion Ratio Lower Upper

96 100

61 175.6 120.3 223.5

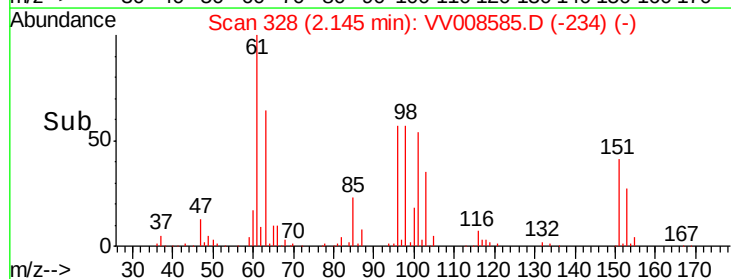
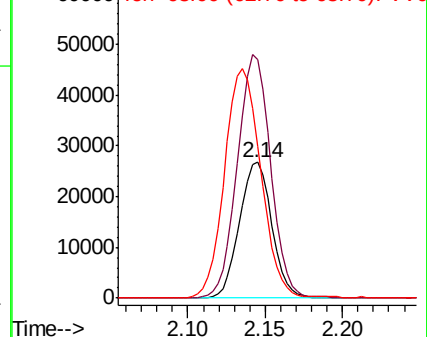
63 112.1 82.5 153.3

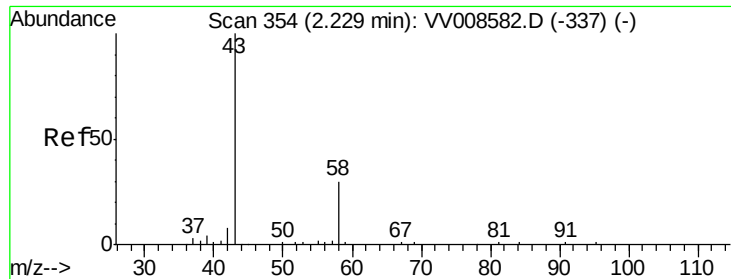


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 51.838 ug/L

RT: 2.24 min Scan# 357

Delta R.T. 0.01 min

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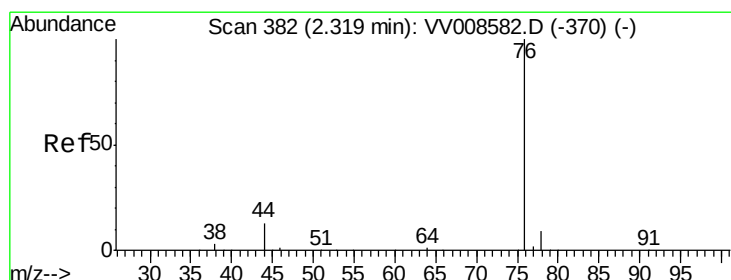
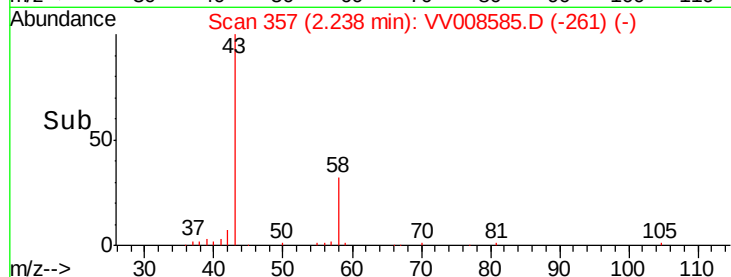
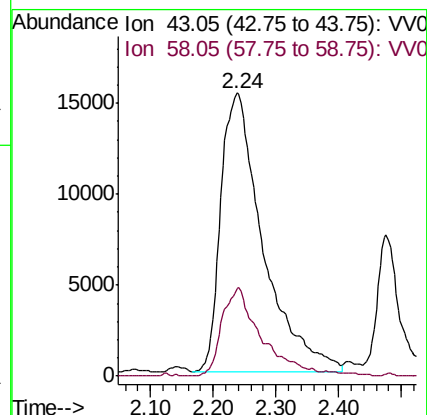
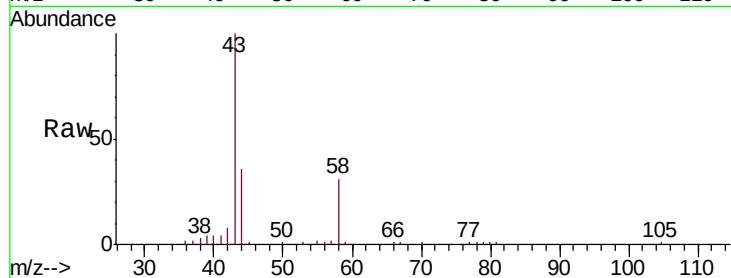
VICV66

Tgt Ion: 43 Resp: 72114

Ion Ratio Lower Upper

43 100

58 28.6 0.0 56.4



#14

Carbon disulfide

Concen: 5.148 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV008585.D

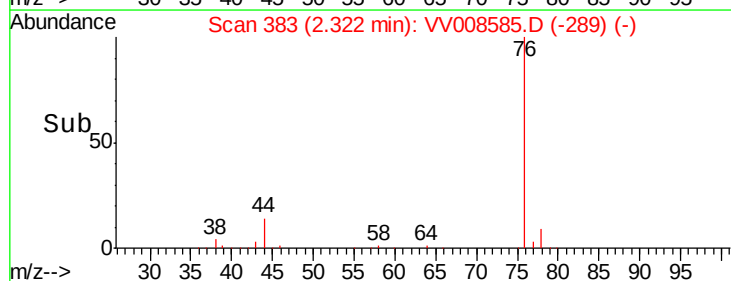
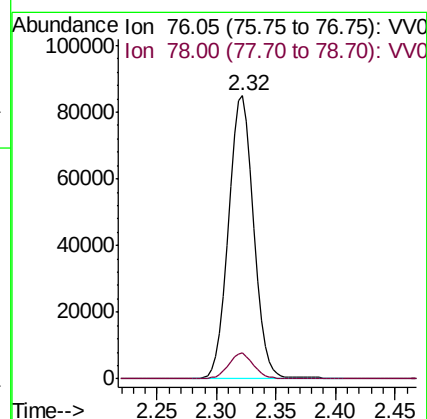
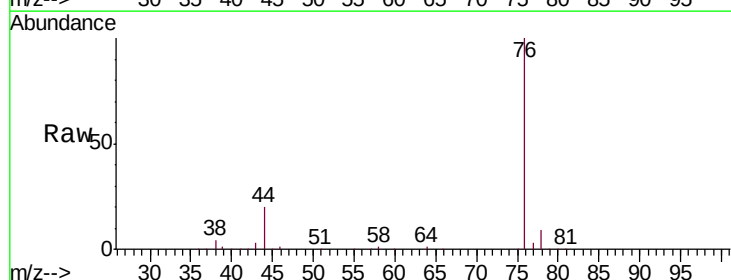
Acq: 16 Nov 2018 16:58

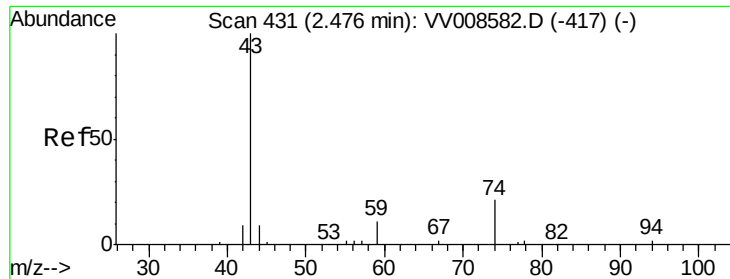
Tgt Ion: 76 Resp: 125020

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6

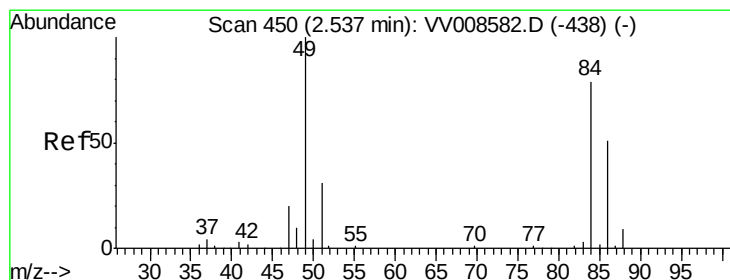
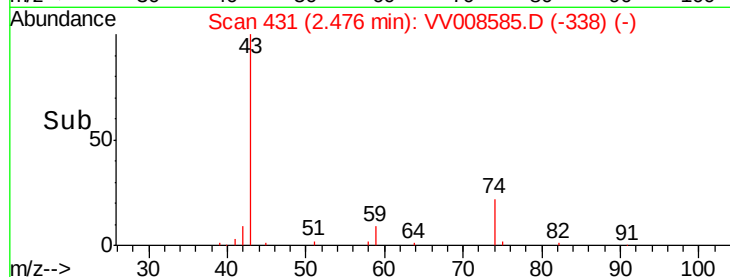
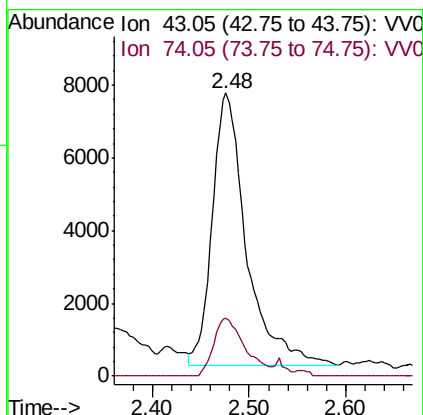
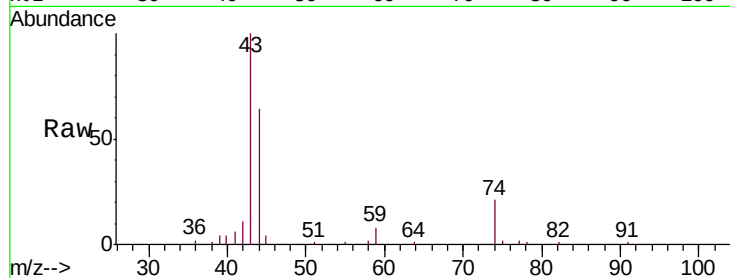




#15
Methyl Acetate
Concen: 5.316 ug/L
RT: 2.48 min Scan# 431
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

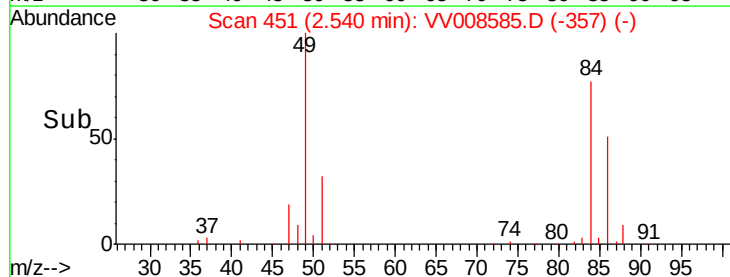
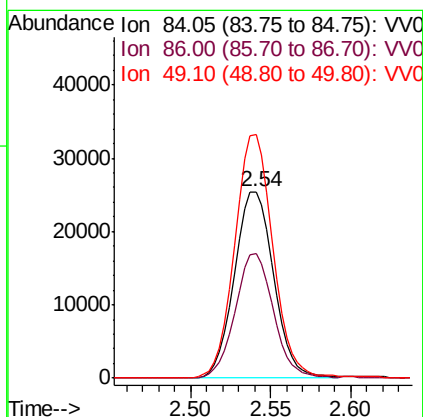
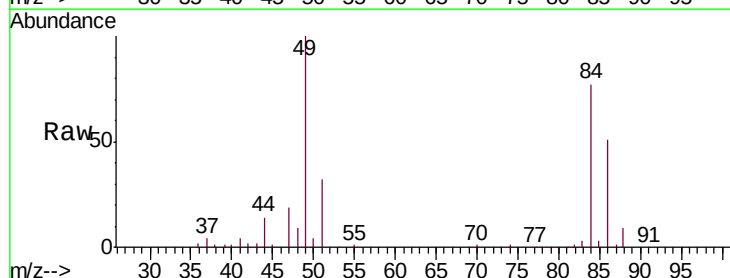
Instrument :
MSVOA_V
ClientSampleId :
VICV66

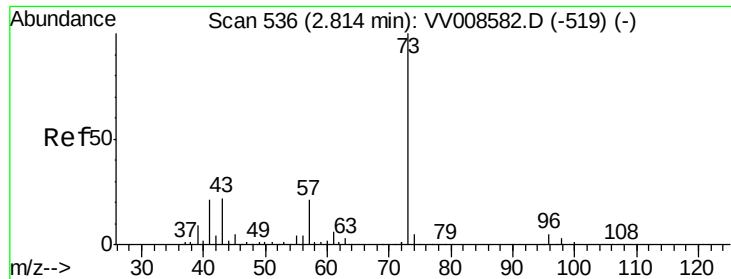
Tgt Ion: 43 Resp: 18504
Ion Ratio Lower Upper
43 100
74 19.4 17.6 26.4



#16
Methylene chloride
Concen: 4.501 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 84 Resp: 42641
Ion Ratio Lower Upper
84 100
86 66.9 44.8 83.2
49 130.5 88.1 163.7

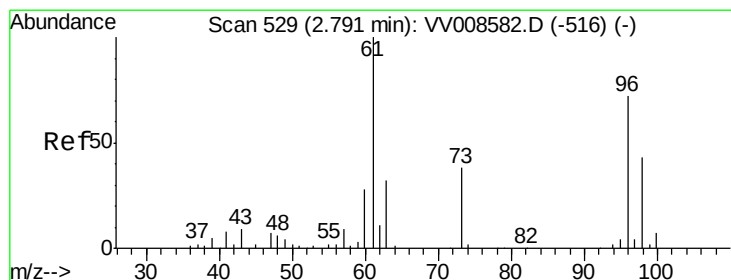
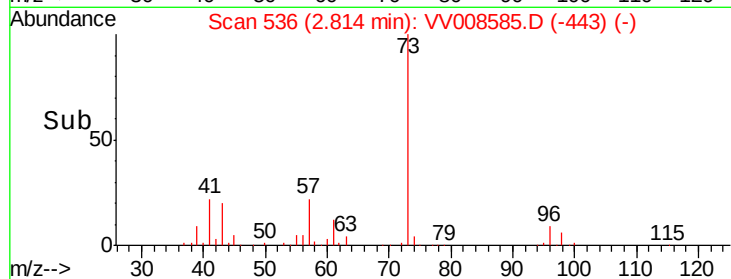
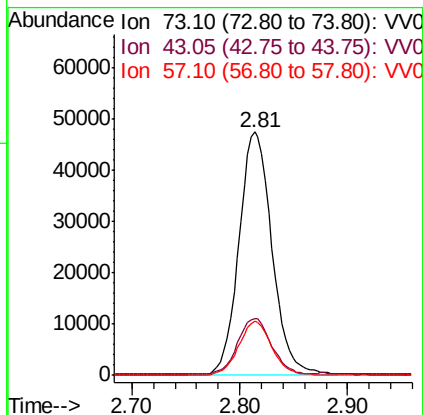
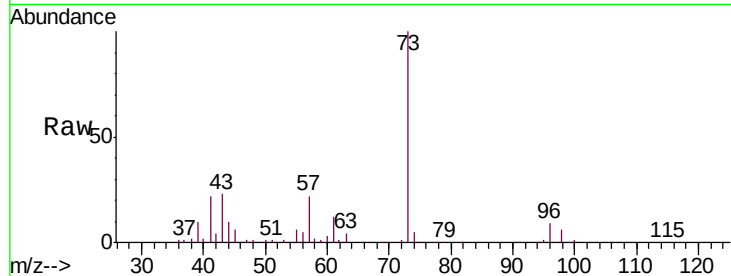




#17
Methyl tert-butyl Ether
Concen: 4.908 ug/L
RT: 2.81 min Scan# 536
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

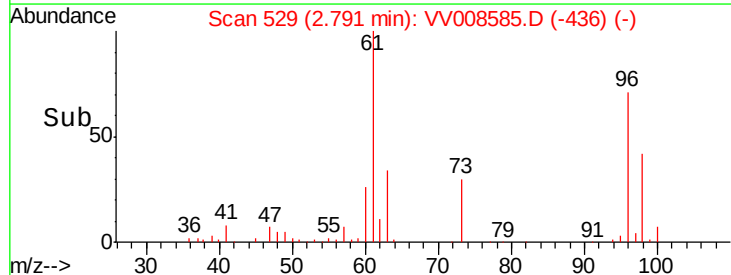
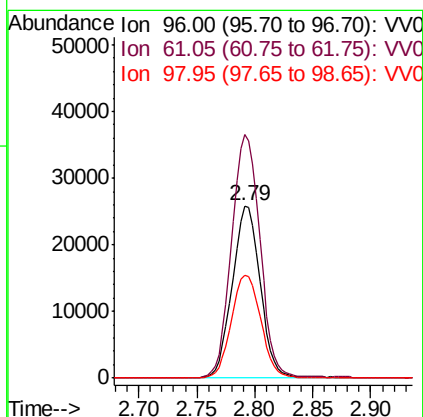
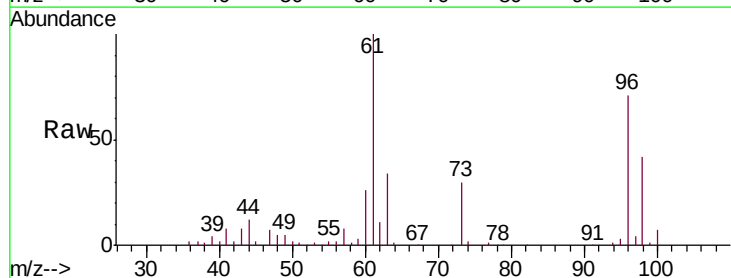
Instrument :
MSVOA_V
ClientSampleId :
VICV66

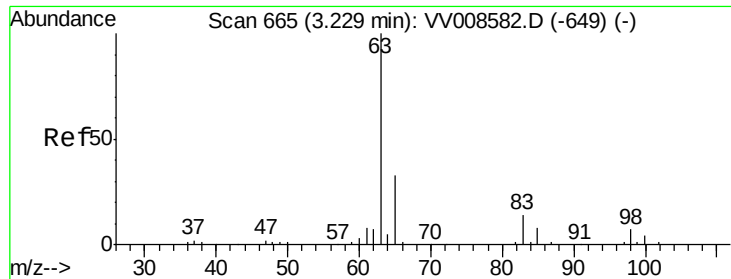
Tgt Ion: 73 Resp: 101626
Ion Ratio Lower Upper
73 100
43 23.0 18.1 27.1
57 22.2 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.108 ug/L
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 96 Resp: 43142
Ion Ratio Lower Upper
96 100
61 141.3 97.1 180.3
98 59.8 41.9 77.7

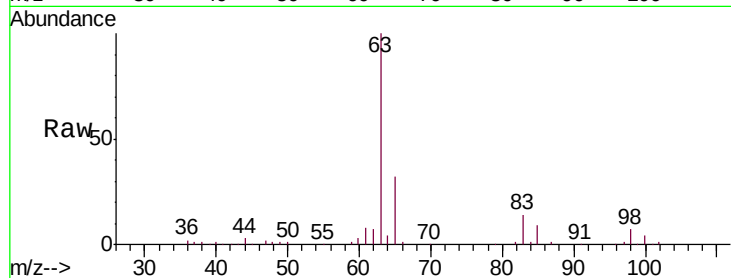




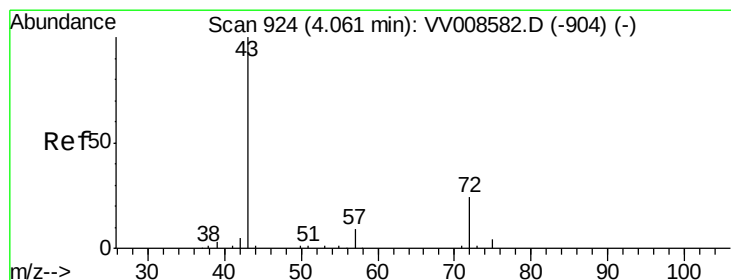
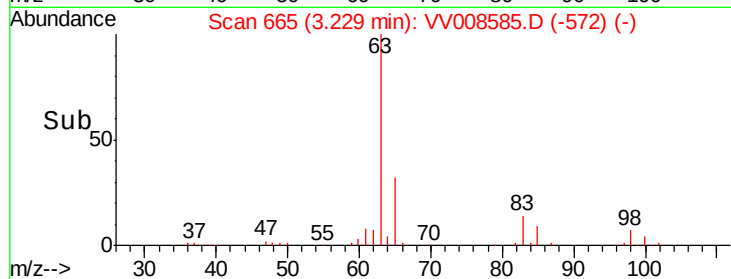
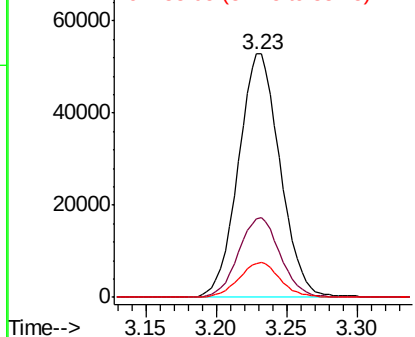
#19
 1,1-Dichloroethane
 Concen: 5.097 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: VV008585.D
 Acq: 16 Nov 2018 16:58

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

Tgt Ion: 63 Resp: 108945
 Ion Ratio Lower Upper
 63 100
 65 32.1 23.2 43.0
 83 14.1 9.5 17.7

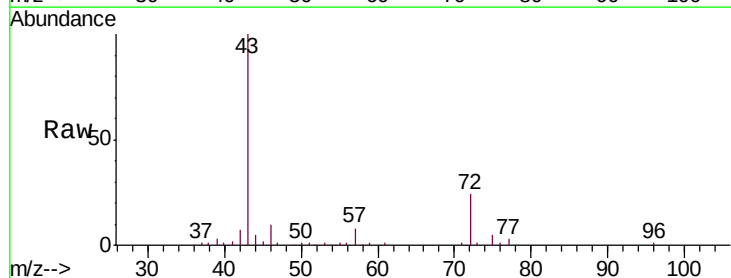


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

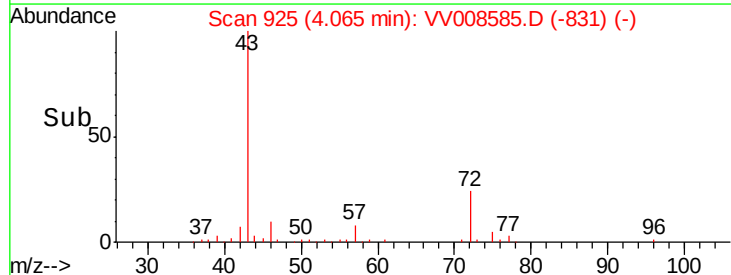
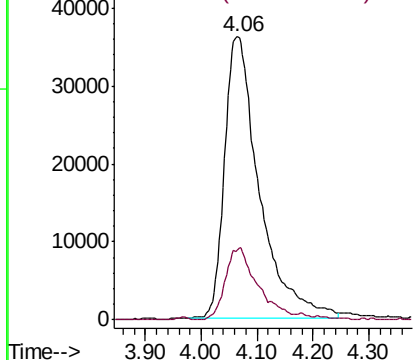


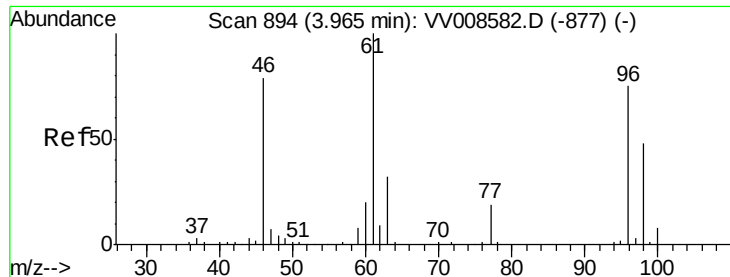
#21
 2-Butanone
 Concen: 50.273 ug/L
 RT: 4.06 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: VV008585.D
 Acq: 16 Nov 2018 16:58

Tgt Ion: 43 Resp: 156584
 Ion Ratio Lower Upper
 43 100
 72 23.8 12.3 36.9



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 72.10 (71.80 to 72.80): VV0



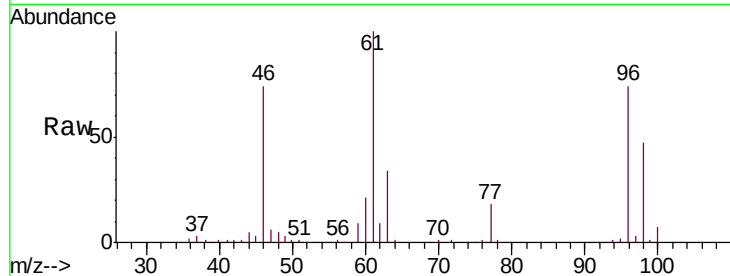


#22

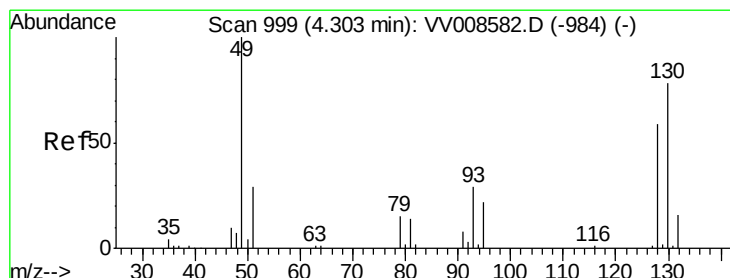
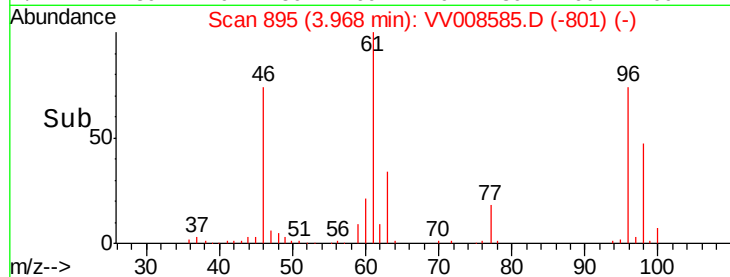
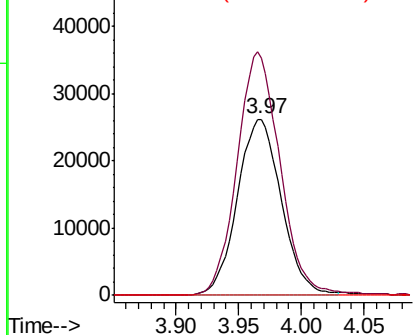
cis-1,2-Dichloroethene
Concen: 5.012 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Instrument :
MSVOA_V
ClientSampleId :
VICV66

Tgt Ion: 96 Resp: 63894
Ion Ratio Lower Upper
96 100
61 134.4 93.2 173.2
68 0.0 0.0 0.0



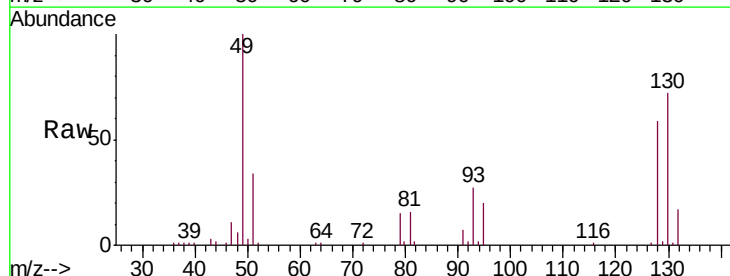
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



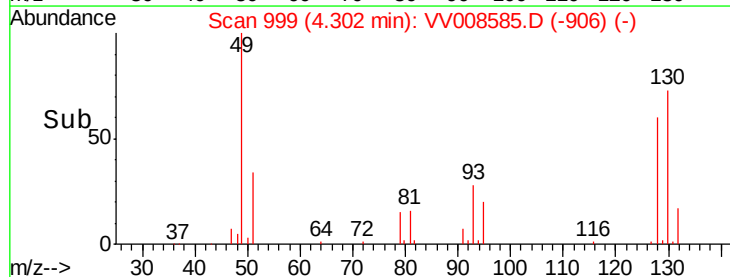
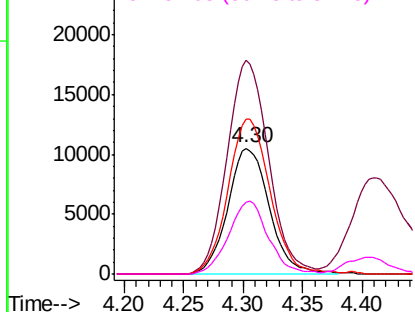
#23

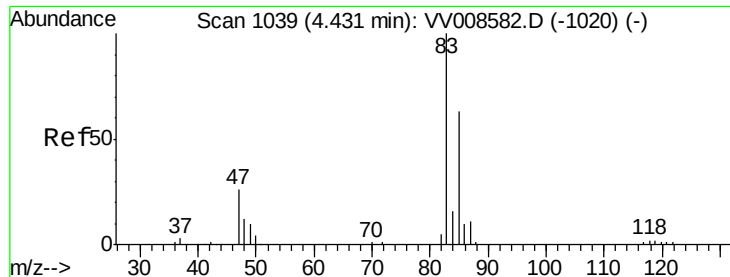
Bromochloromethane
Concen: 5.177 ug/L
RT: 4.30 min Scan# 999
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 128 Resp: 25396
Ion Ratio Lower Upper
128 100
49 169.4 120.0 222.8
130 122.8 92.3 171.3
51 57.3 40.0 60.0



Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VV0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VV0

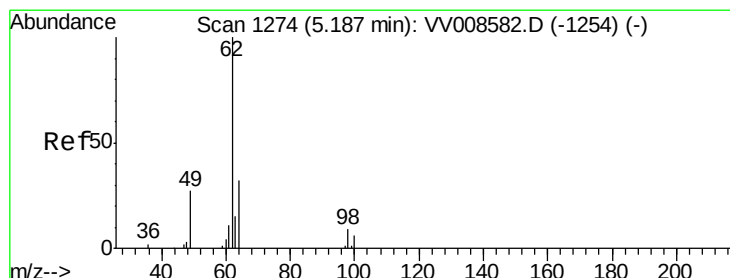
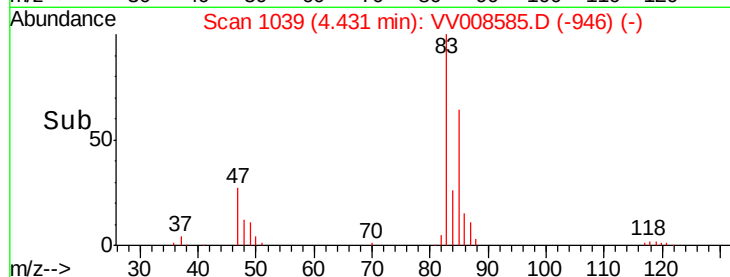
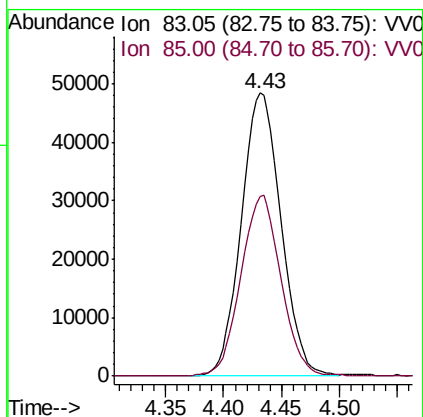
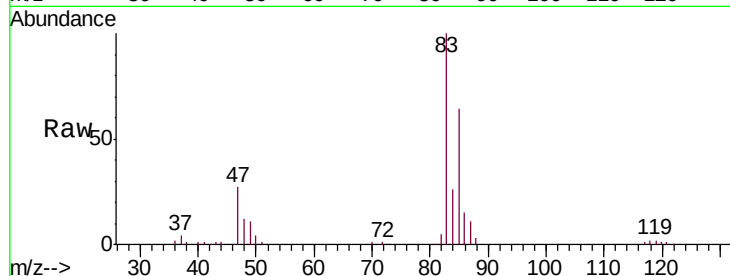




#25
Chloroform
Concen: 4.290 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

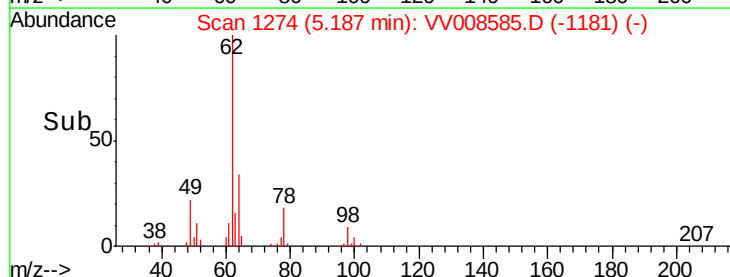
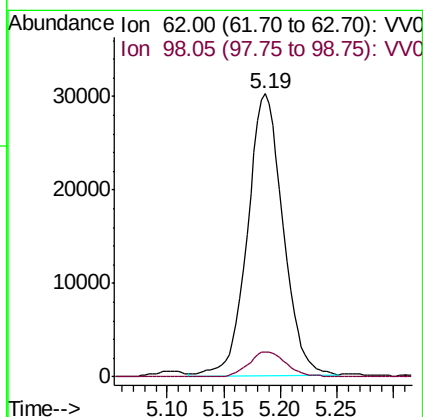
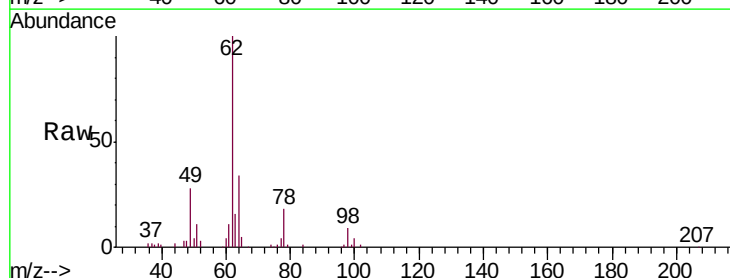
Instrument :
MSVOA_V
ClientSampled :
VICV66

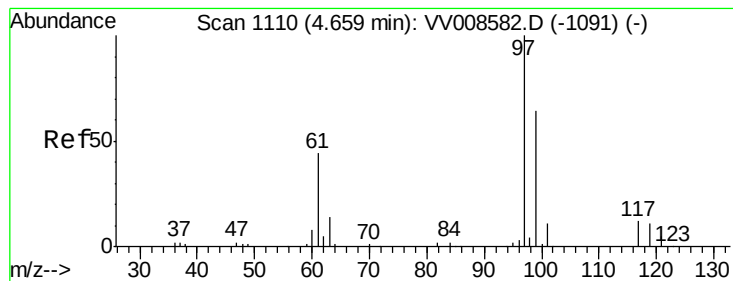
Tgt Ion: 83 Resp: 115817
Ion Ratio Lower Upper
83 100
85 63.7 44.4 82.5



#27
1,2-Dichloroethane
Concen: 4.886 ug/L
RT: 5.19 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 62 Resp: 65821
Ion Ratio Lower Upper
62 100
98 8.9 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 5.091 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VV008585.D

Acq: 16 Nov 2018 16:58

Instrument :

MSVOA_V

ClientSampled :

VICV66

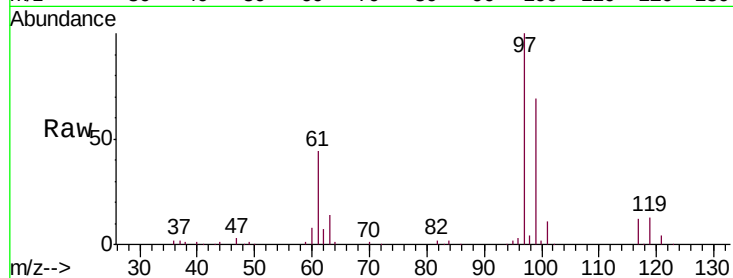
Tgt Ion: 97 Resp: 96951

Ion Ratio Lower Upper

97 100

99 65.3 51.0 76.4

61 42.9 34.3 51.5

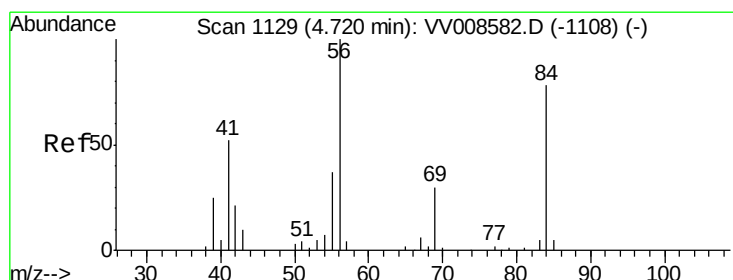
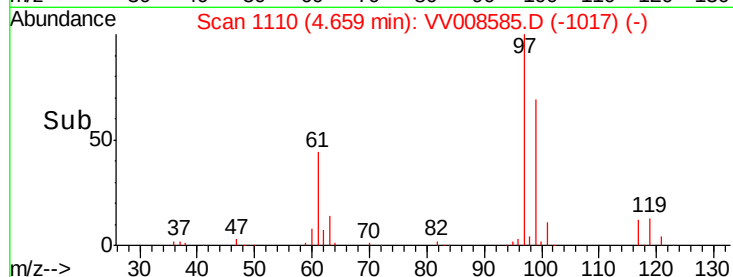
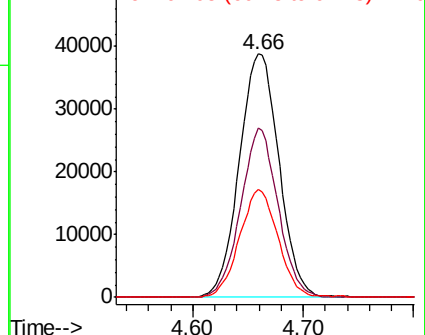


Abundance

Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0



#30

Cyclohexane

Concen: 5.112 ug/L

RT: 4.72 min Scan# 1130

Delta R.T. 0.00 min

Lab File: VV008585.D

Acq: 16 Nov 2018 16:58

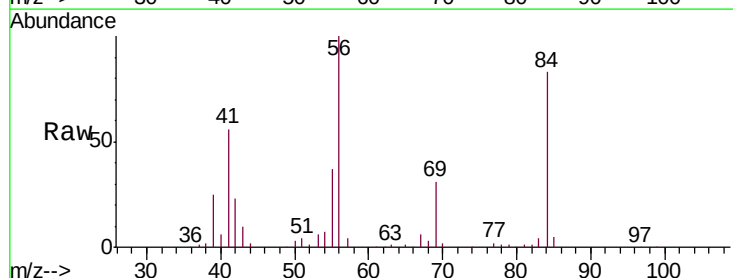
Tgt Ion: 56 Resp: 108279

Ion Ratio Lower Upper

56 100

69 30.7 24.2 36.4

84 83.1 65.7 98.5

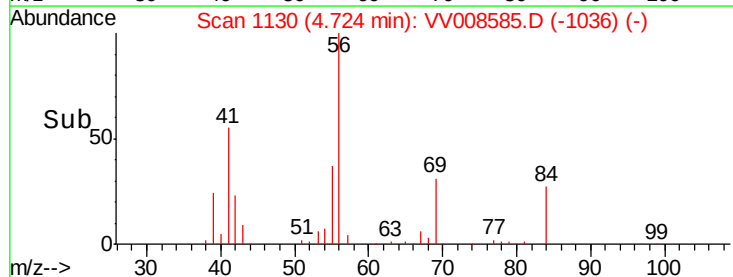
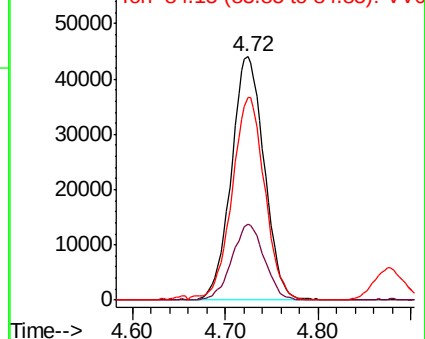


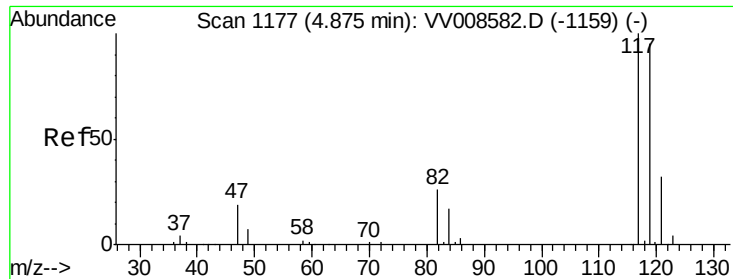
Abundance

Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 5.166 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VV008585.D

Acq: 16 Nov 2018 16:58

Instrument :

MSVOA_V

ClientSampleId :

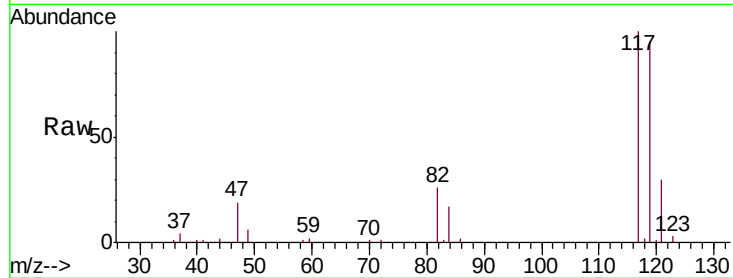
VICV66

Tgt Ion:117 Resp: 83663

Ion Ratio Lower Upper

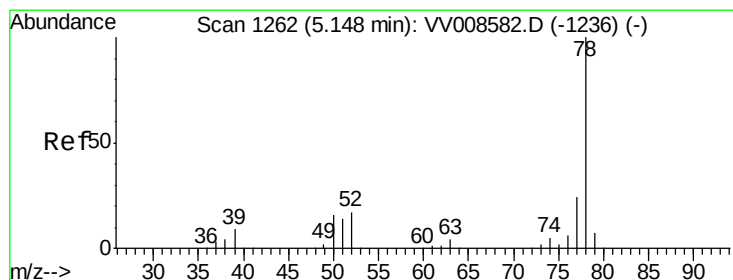
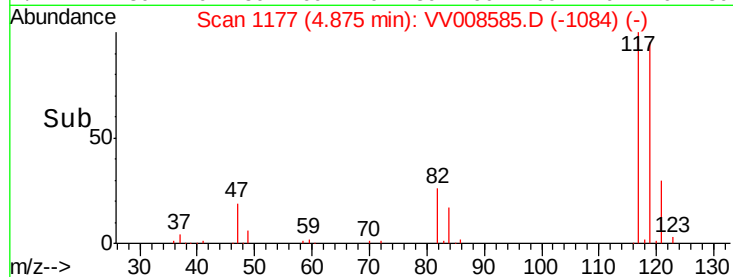
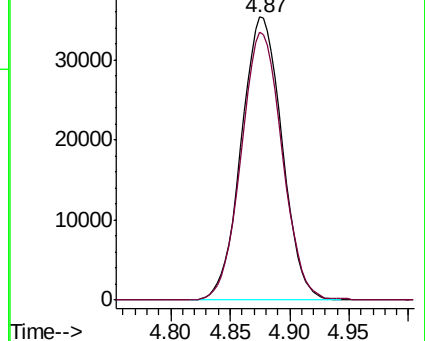
117 100

119 95.5 75.8 113.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.051 ug/L

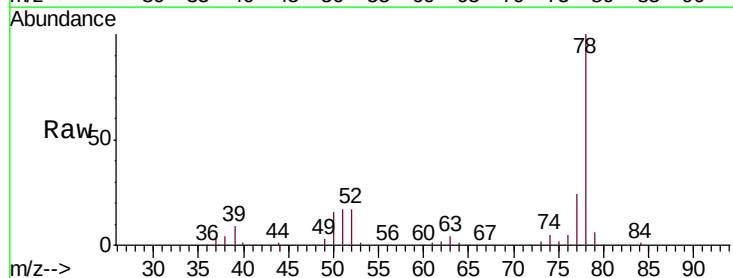
RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

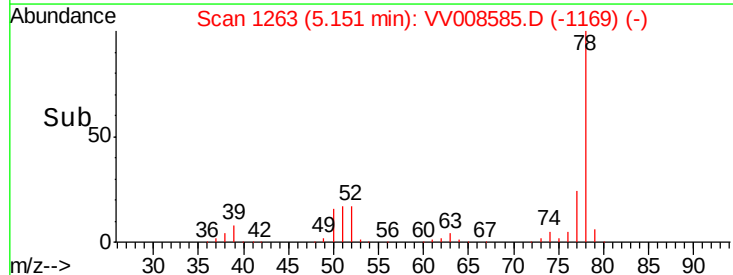
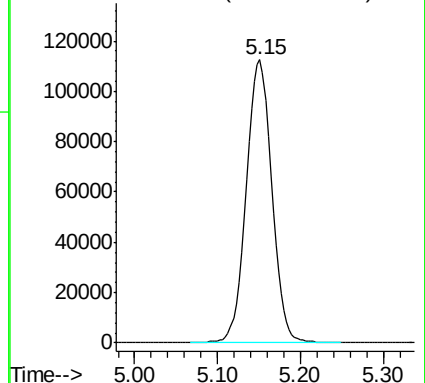
Lab File: VV008585.D

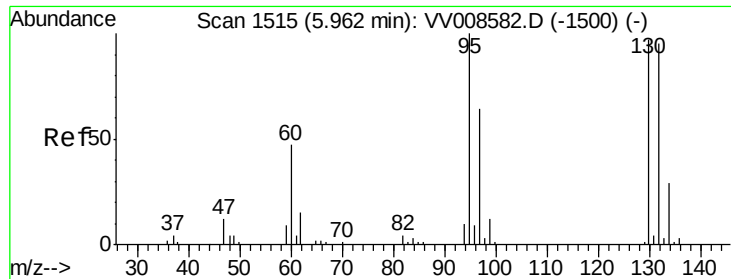
Acq: 16 Nov 2018 16:58

Tgt Ion: 78 Resp: 241587



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 5.130 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008585.D

Acq: 16 Nov 2018 16:58

Instrument :

MSVOA_V

ClientSampled :

VICV66

Tgt Ion: 95 Resp: 64850

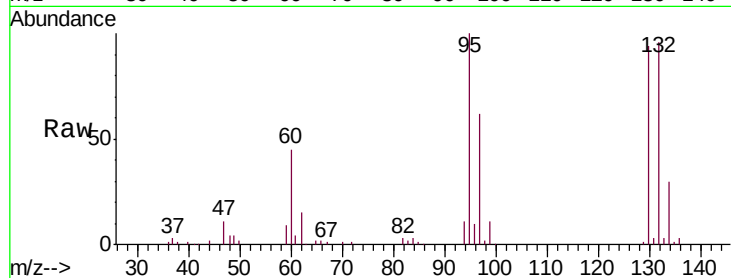
Ion Ratio Lower Upper

95 100

97 62.4 45.1 83.7

132 96.0 66.3 123.1

130 94.2 68.0 126.4

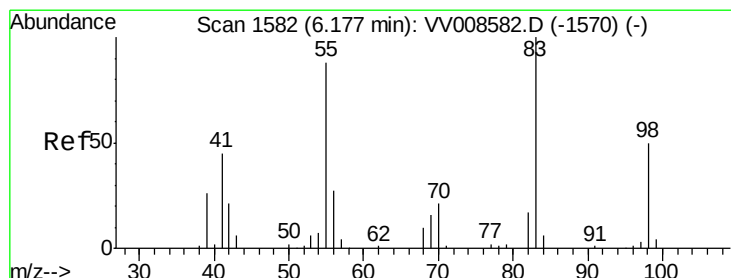
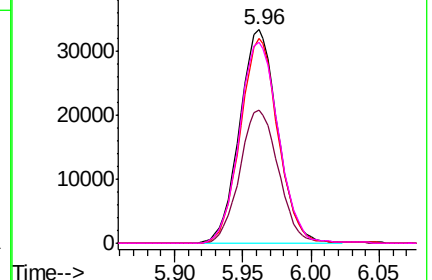
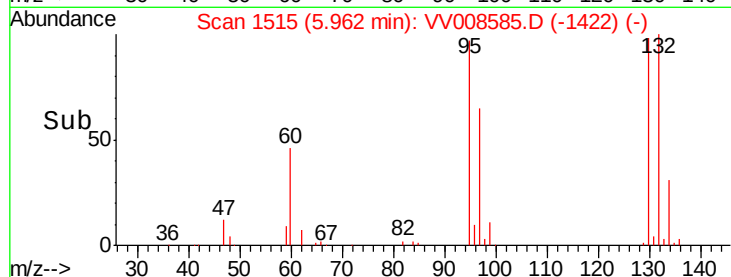


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 5.255 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VV008585.D

Acq: 16 Nov 2018 16:58

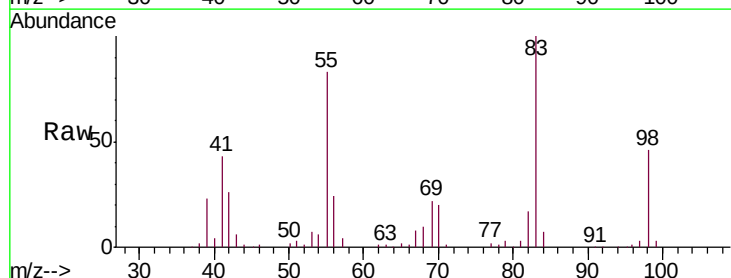
Tgt Ion: 83 Resp: 112474

Ion Ratio Lower Upper

83 100

55 81.0 65.6 98.4

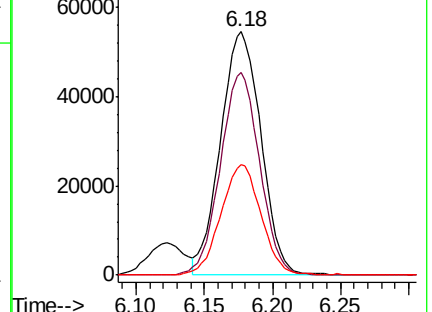
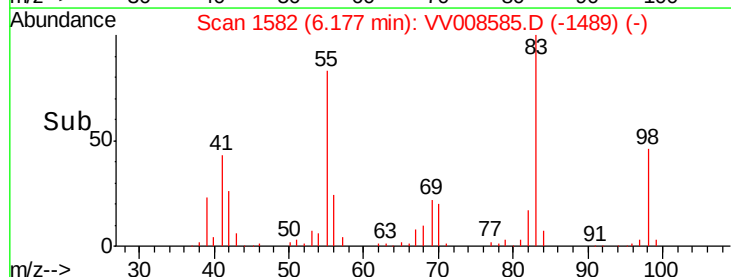
98 45.2 36.4 54.6

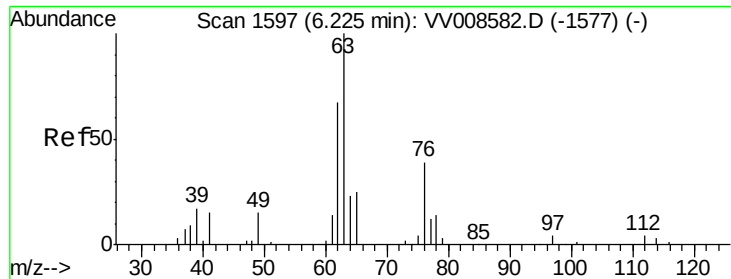


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

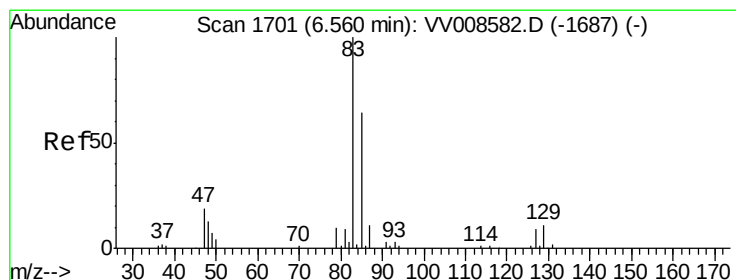
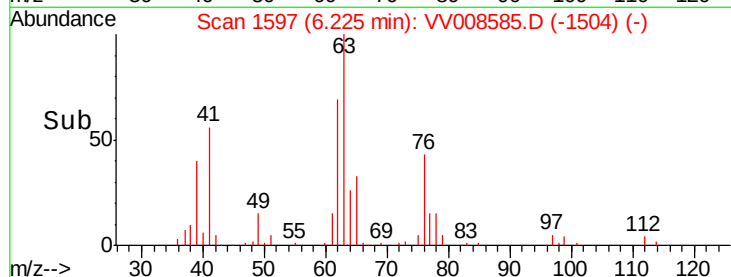
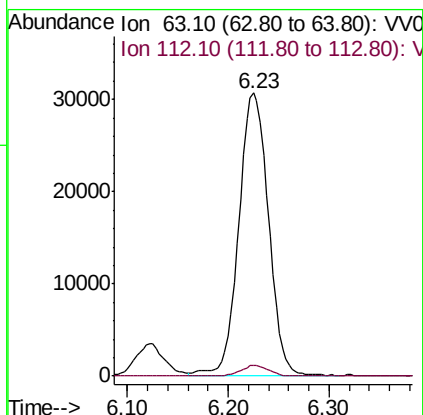
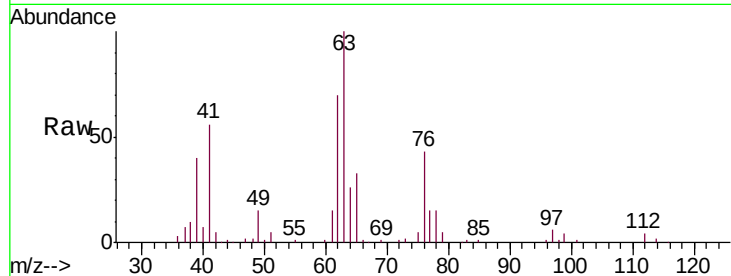




#37
 1,2-Dichloropropane
 Concen: 4.995 ug/L
 RT: 6.23 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: VV008585.D
 Acq: 16 Nov 2018 16:58

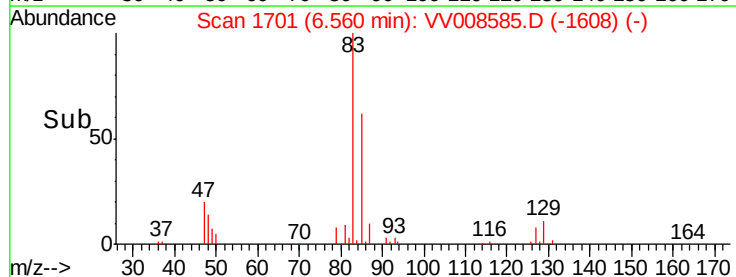
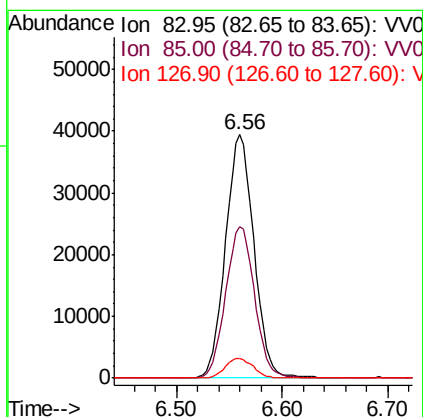
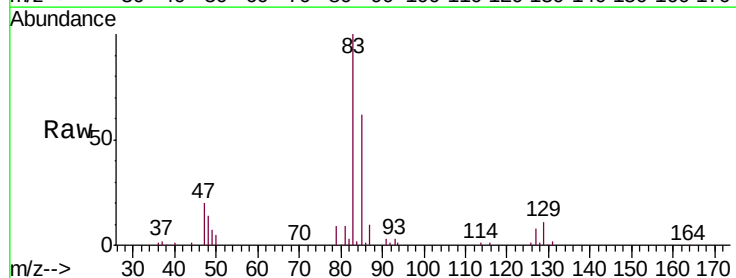
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

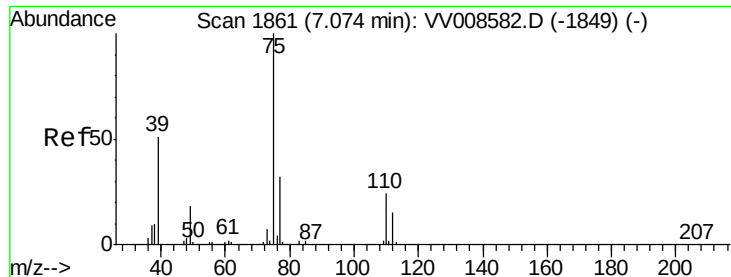
Tgt Ion: 63 Resp: 62790
 Ion Ratio Lower Upper
 63 100
 112 3.4 2.8 4.2



#38
 Bromodichloromethane
 Concen: 4.787 ug/L
 RT: 6.56 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: VV008585.D
 Acq: 16 Nov 2018 16:58

Tgt Ion: 83 Resp: 73420
 Ion Ratio Lower Upper
 83 100
 85 62.1 44.9 83.5
 127 8.2 6.9 10.3

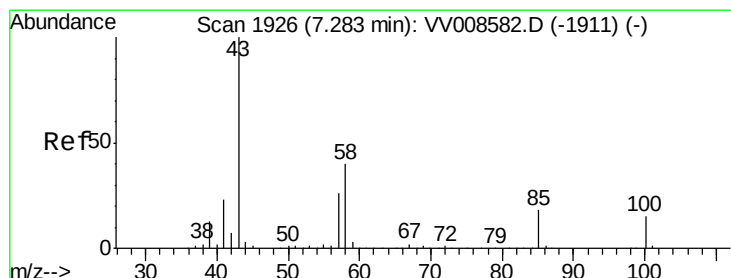
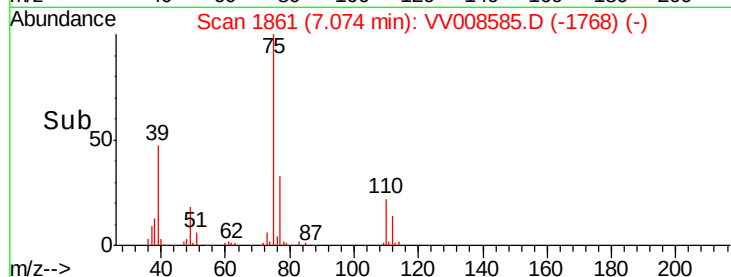
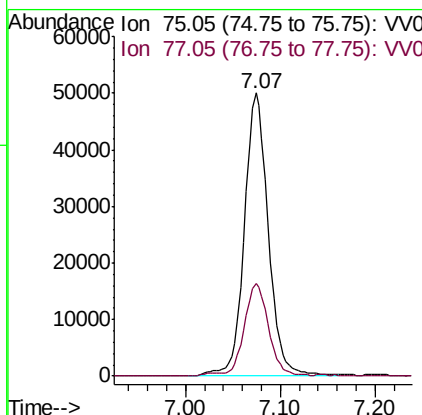
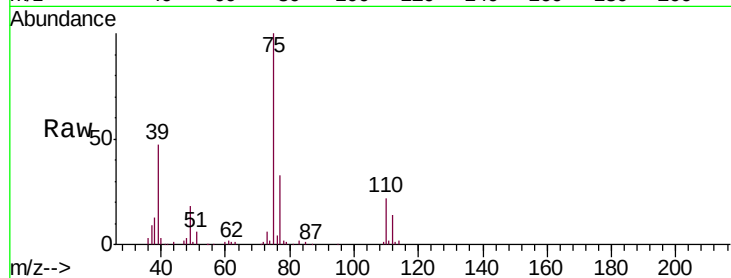




#39
 cis-1,3-Dichloropropene
 Concen: 5.222 ug/L
 RT: 7.07 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VV008585.D
 Acq: 16 Nov 2018 16:58

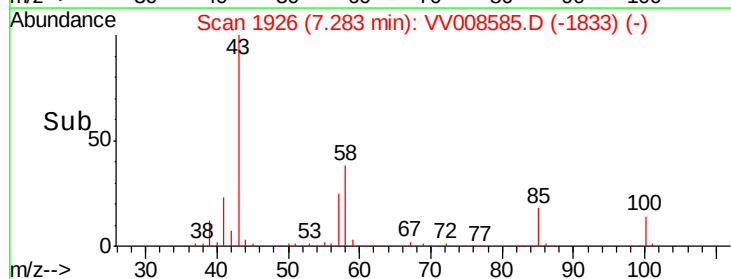
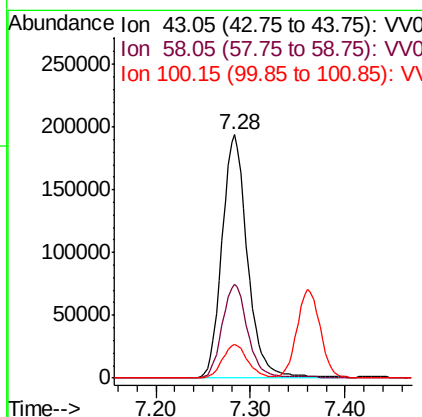
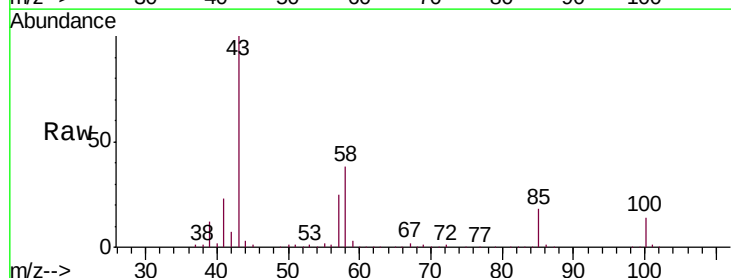
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

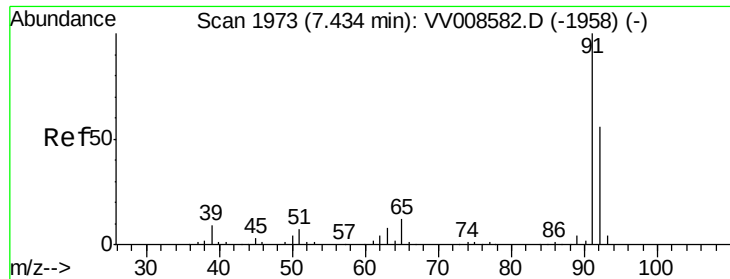
Tgt Ion: 75 Resp: 88237
 Ion Ratio Lower Upper
 75 100
 77 32.6 23.0 42.8



#40
 4-Methyl-2-pentanone
 Concen: 49.213 ug/L
 RT: 7.28 min Scan# 1926
 Delta R.T. -0.00 min
 Lab File: VV008585.D
 Acq: 16 Nov 2018 16:58

Tgt Ion: 43 Resp: 362093
 Ion Ratio Lower Upper
 43 100
 58 38.4 31.0 46.4
 100 13.8 11.1 16.7





#42

Toluene

Concen: 5.116 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VV008585.D

Acq: 16 Nov 2018 16:58

Instrument :

MSVOA_V

ClientSampleId :

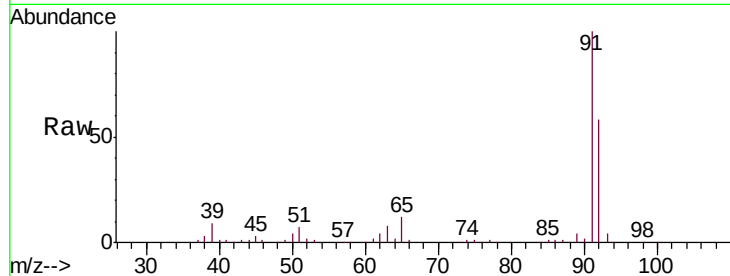
VICV66

Tgt Ion: 91 Resp: 254963

Ion Ratio Lower Upper

91 100

92 58.2 39.1 72.5



Abundance Ion 91.15 (90.85 to 91.85): VV008585.D (-1958) (-)

Ion 92.15 (91.85 to 92.85): VV008585.D (-1958) (-)

7.43

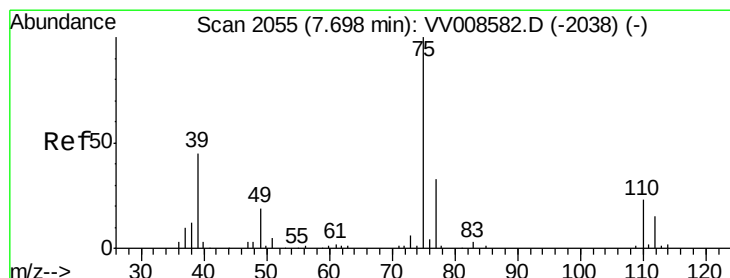
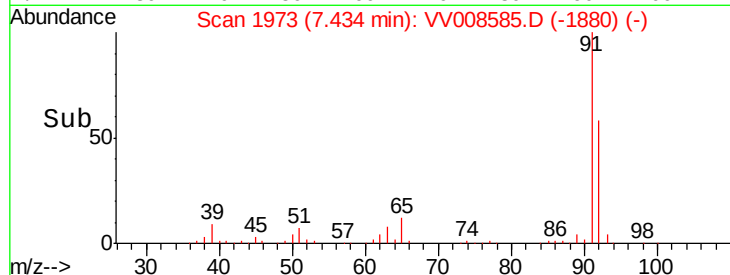
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 5.169 ug/L

RT: 7.70 min Scan# 2055

Delta R.T. -0.00 min

Lab File: VV008585.D

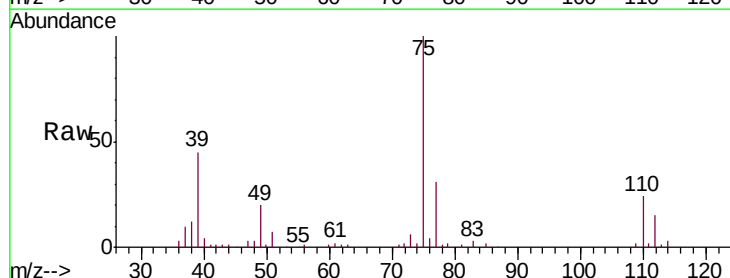
Acq: 16 Nov 2018 16:58

Tgt Ion: 75 Resp: 71152

Ion Ratio Lower Upper

75 100

77 31.2 23.0 42.6



Abundance Ion 75.05 (74.75 to 75.75): VV008585.D (-2038) (-)

Ion 77.05 (76.75 to 77.75): VV008585.D (-2038) (-)

7.70

40000

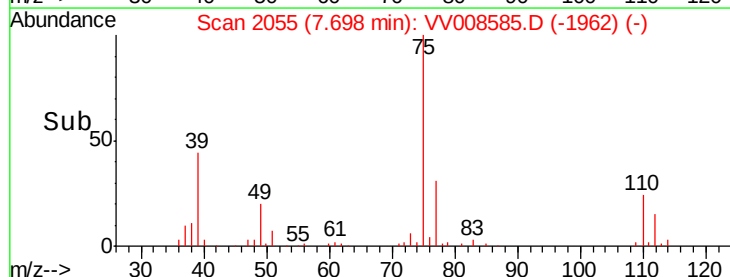
30000

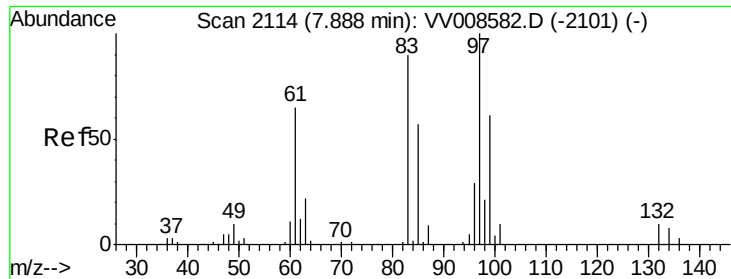
20000

10000

0

Time-->

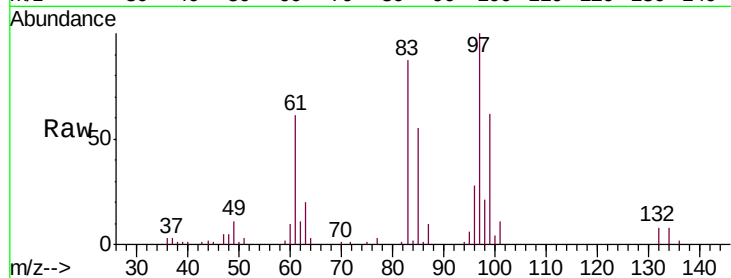




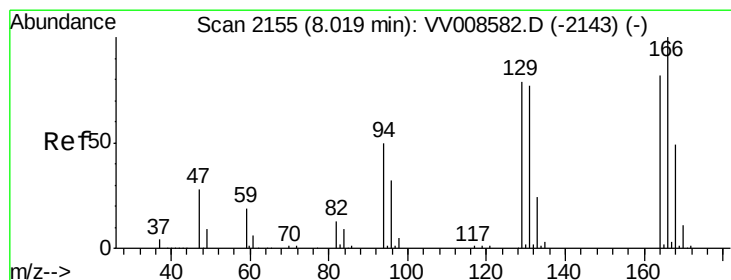
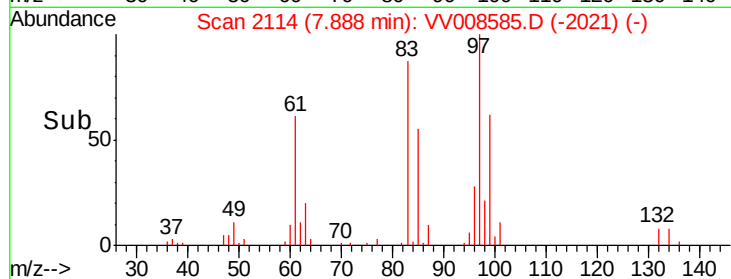
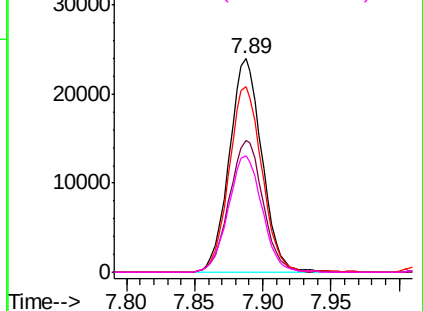
#45
 1,1,2-Trichloroethane
 Concen: 4.987 ug/L
 RT: 7.89 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VV008585.D
 Acq: 16 Nov 2018 16:58

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

Tgt Ion:	97	Resp:	39897
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.0	79.8
83	86.9	63.0	117.0
85	54.7	40.1	74.5

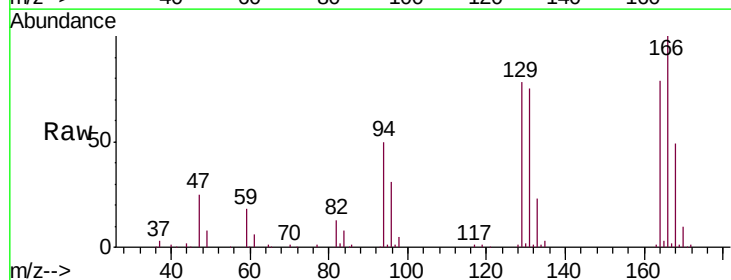


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 82.95 (82.65 to 83.65): VV0
 Ion 85.00 (84.70 to 85.70): VV0

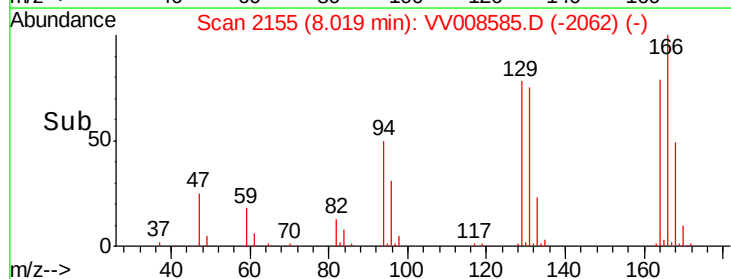
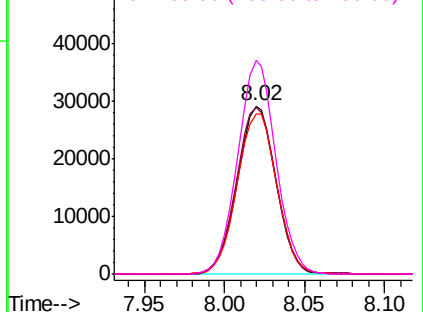


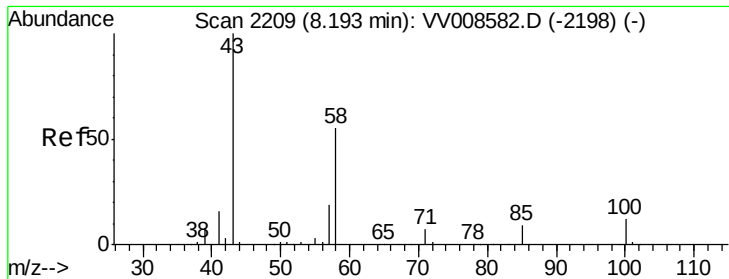
#47
 Tetrachloroethene
 Concen: 5.215 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: VV008585.D
 Acq: 16 Nov 2018 16:58

Tgt Ion:	164	Resp:	47699
Ion	Ratio	Lower	Upper
164	100		
129	99.3	67.5	125.4
131	95.5	66.4	123.4
166	127.2	85.8	159.3



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

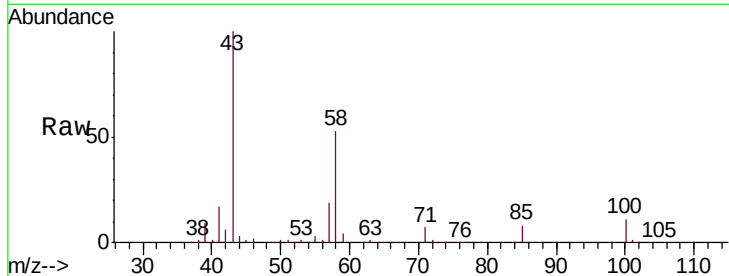




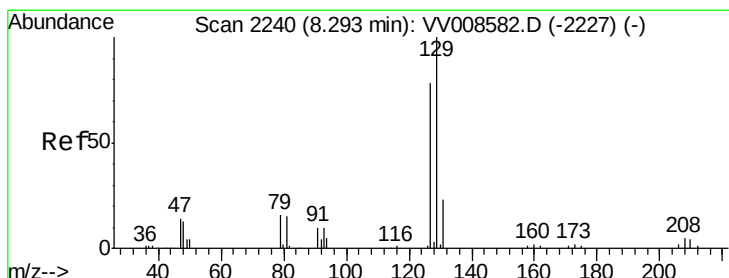
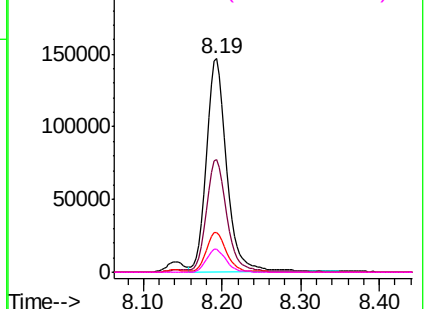
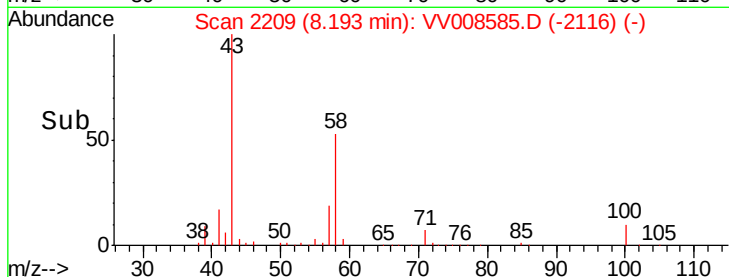
#48
2-Hexanone
Concen: 52.487 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Instrument :
MSVOA_V
ClientSampleId :
VICV66

Tgt Ion: 43 Resp: 260655
Ion Ratio Lower Upper
43 100
58 53.0 41.8 62.8
57 18.9 15.4 23.0
100 10.5 8.7 13.1

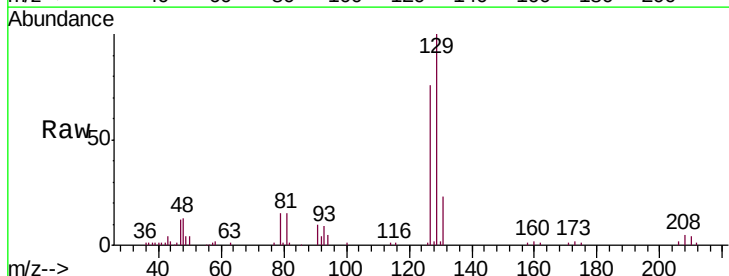


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

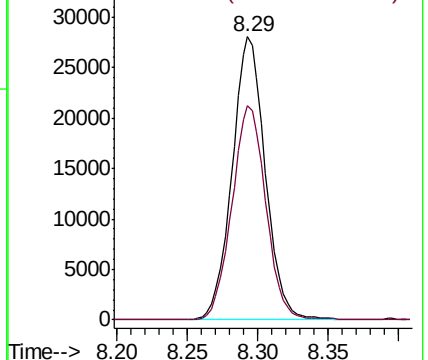
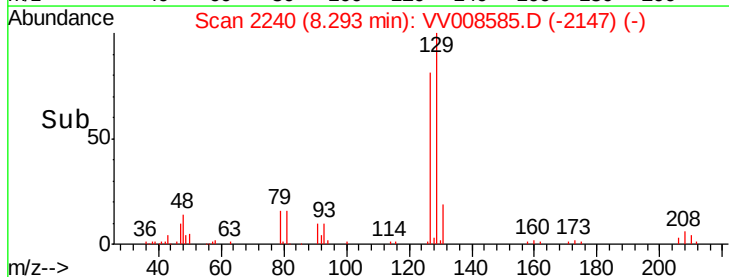


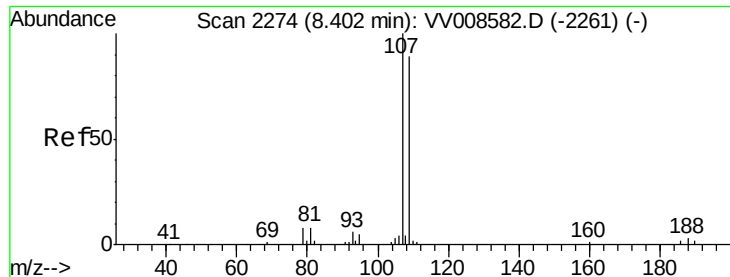
#49
Dibromochloromethane
Concen: 5.066 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion: 129 Resp: 46093
Ion Ratio Lower Upper
129 100
127 75.6 54.6 101.4



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

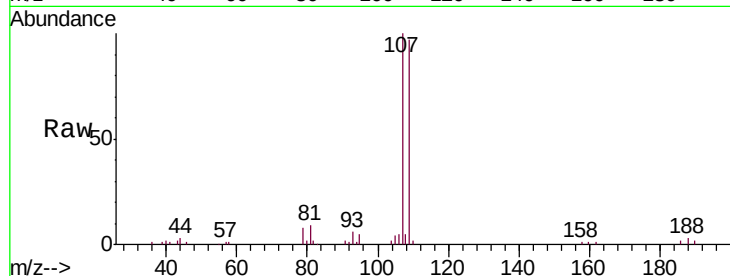




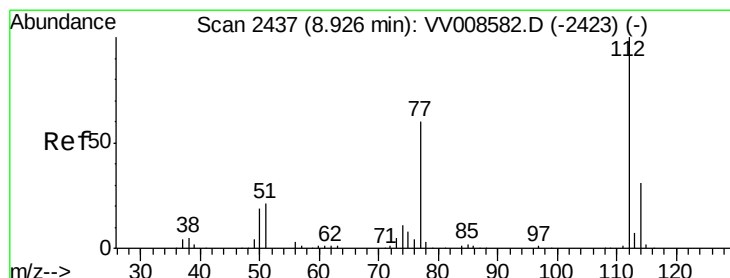
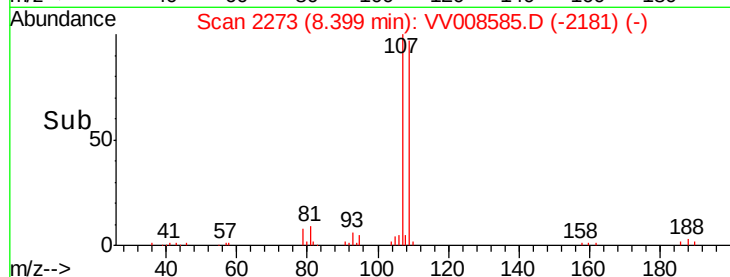
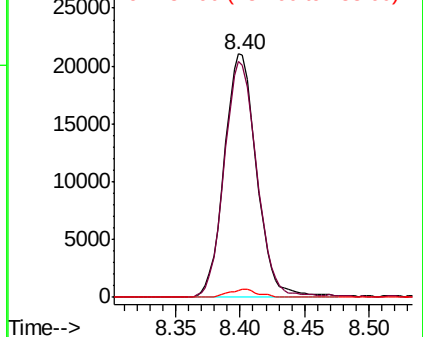
#50
1,2-Dibromoethane
Concen: 5.088 ug/L
RT: 8.40 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Instrument :
MSVOA_V
ClientSampled :
VICV66

Tgt Ion:107 Resp: 36782
Ion Ratio Lower Upper
107 100
109 97.1 62.1 115.3
188 2.8 2.2 3.4

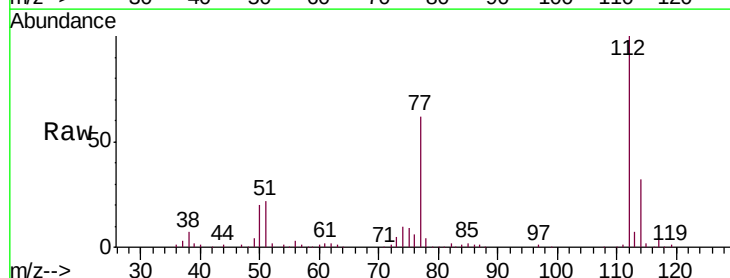


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

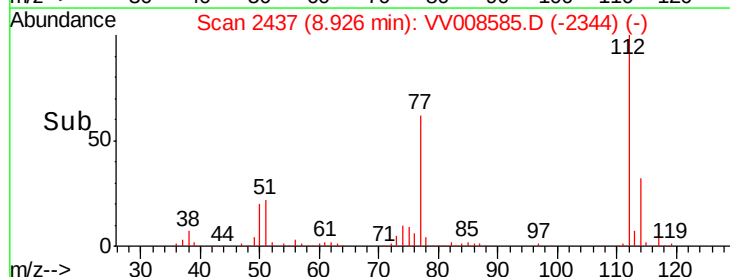
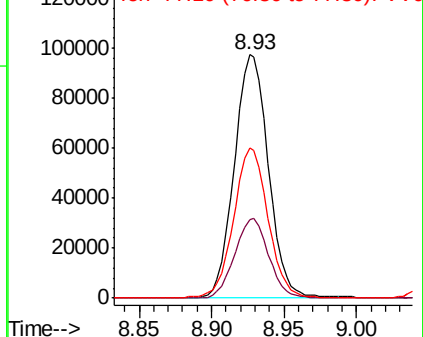


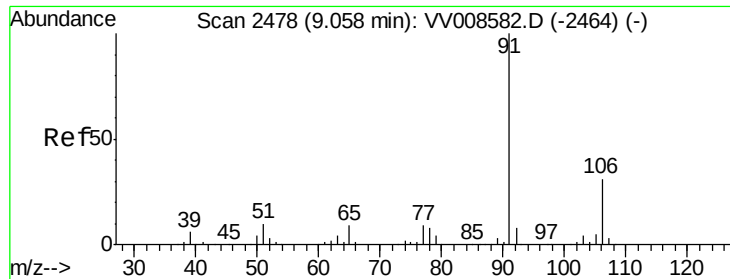
#51
Chlorobenzene
Concen: 5.169 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion:112 Resp: 158916
Ion Ratio Lower Upper
112 100
114 32.4 21.9 40.7
77 61.7 47.9 71.9



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 5.203 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. -0.00 min

Lab File: VV008585.D

Acq: 16 Nov 2018 16:58

Instrument :

MSVOA_V

ClientSampleId :

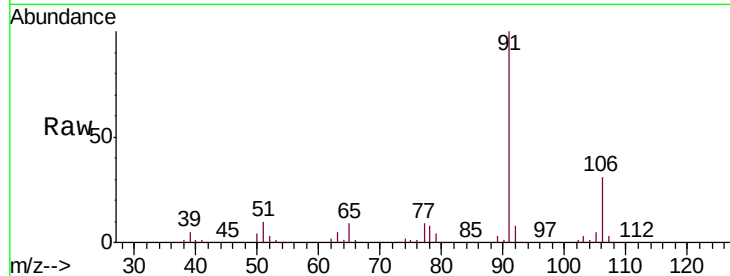
VICV66

Tgt Ion: 91 Resp: 285445

Ion Ratio Lower Upper

91 100

106 30.7 21.3 39.6



Abundance Ion 91.15 (90.85 to 91.85): VV008585.D (-2464) (-)

Ion 106.15 (105.85 to 106.85): VV008585.D (-2464) (-)

9.06

200000

150000

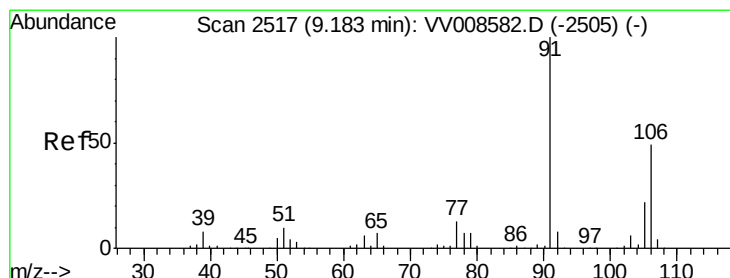
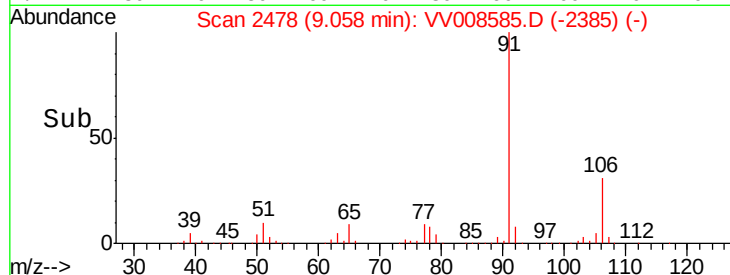
100000

50000

0

9.00 9.05 9.10 9.15

Time-->



#53

m,p-xylene

Concen: 5.206 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. -0.00 min

Lab File: VV008585.D

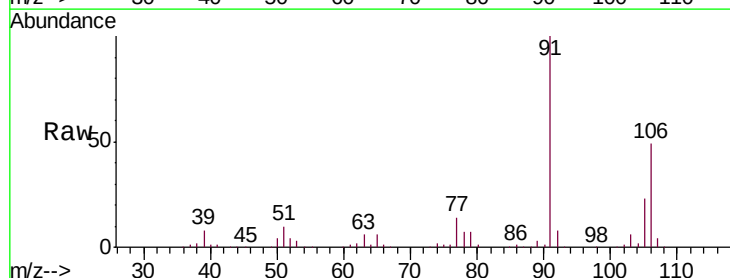
Acq: 16 Nov 2018 16:58

Tgt Ion: 106 Resp: 105570

Ion Ratio Lower Upper

106 100

91 202.7 144.0 267.4



Abundance Ion 106.15 (105.85 to 106.85): VV008585.D (-2505) (-)

Ion 91.15 (90.85 to 91.85): VV008585.D (-2505) (-)

9.18

150000

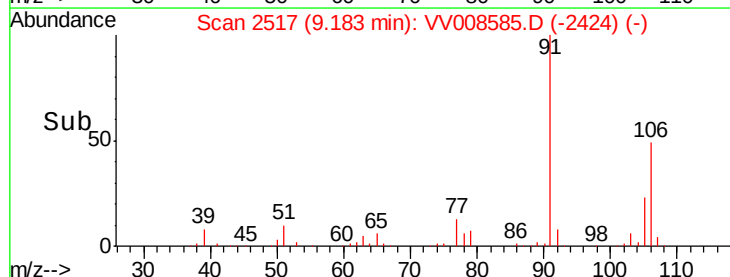
100000

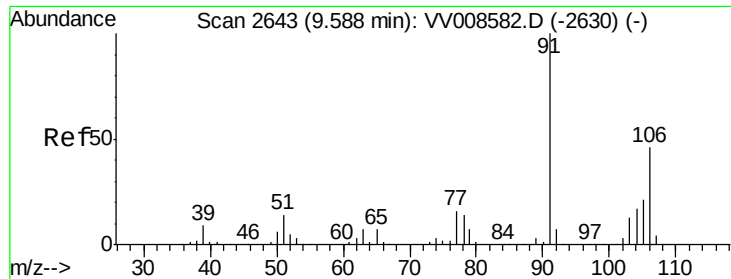
50000

0

9.10 9.15 9.20 9.25

Time-->

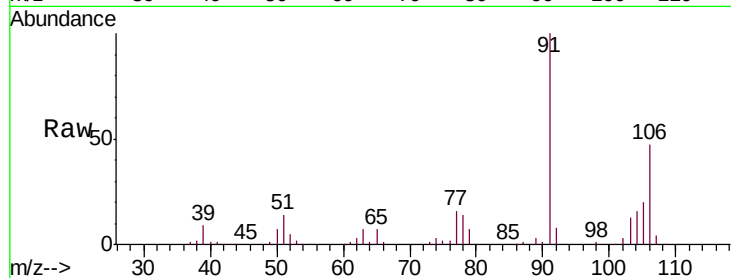




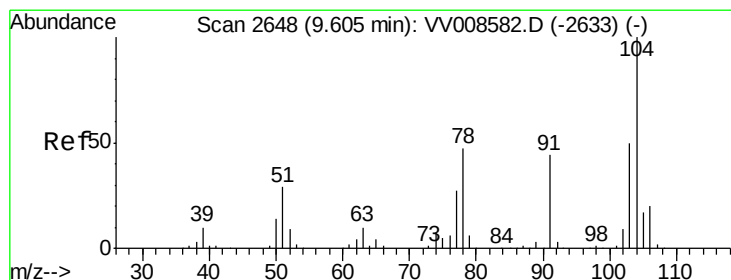
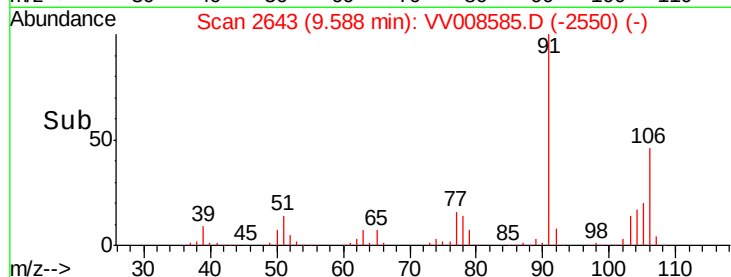
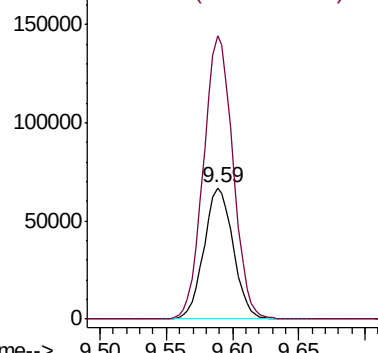
#54
o-xylene
Concen: 5.210 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. -0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Instrument :
MSVOA_V
ClientSampleId :
VICV66

Tgt Ion:106 Resp: 102822
Ion Ratio Lower Upper
106 100
91 215.0 152.9 284.1

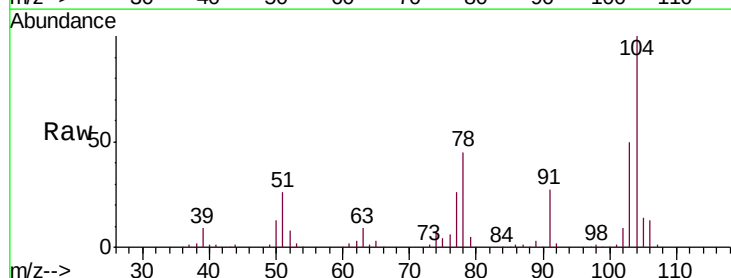


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

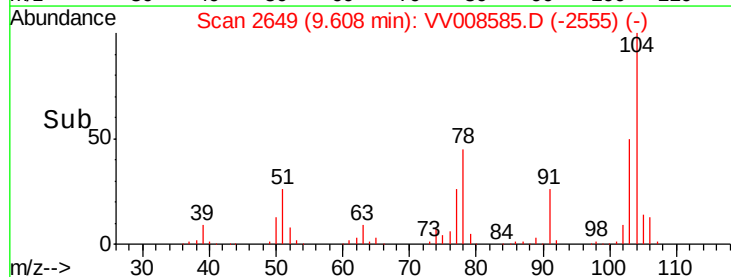
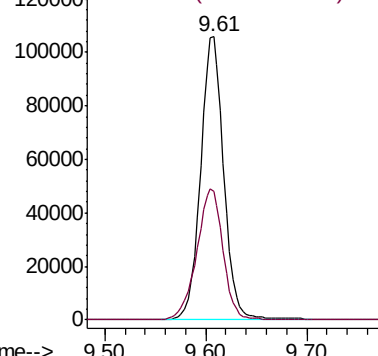


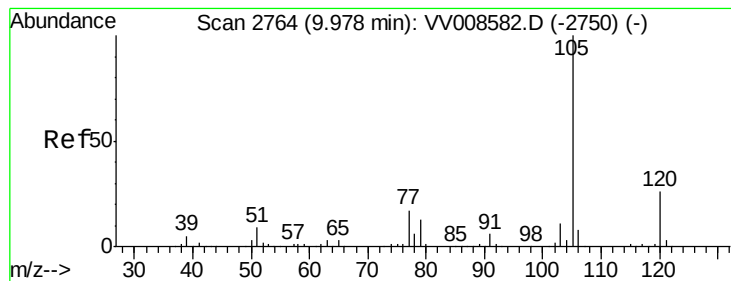
#55
Styrene
Concen: 5.325 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. 0.00 min
Lab File: VV008585.D
Acq: 16 Nov 2018 16:58

Tgt Ion:104 Resp: 169646
Ion Ratio Lower Upper
104 100
78 45.2 32.9 61.1



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 5.211 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. -0.00 min

Lab File: VV008585.D

Acq: 16 Nov 2018 16:58

Instrument :

MSVOA_V

ClientSampleId :

VICV66

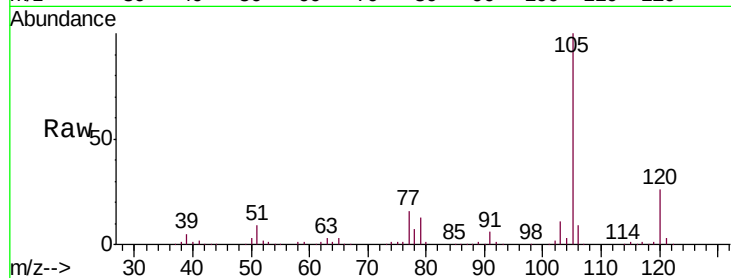
Tgt Ion: 105 Resp: 276134

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.6

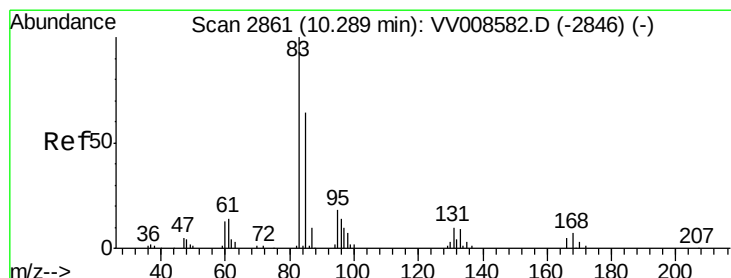
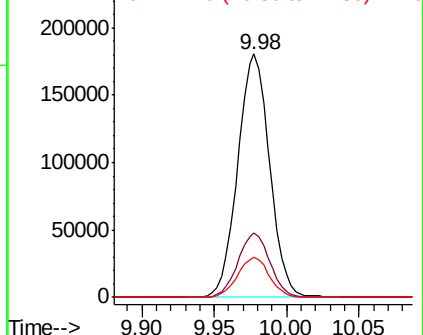
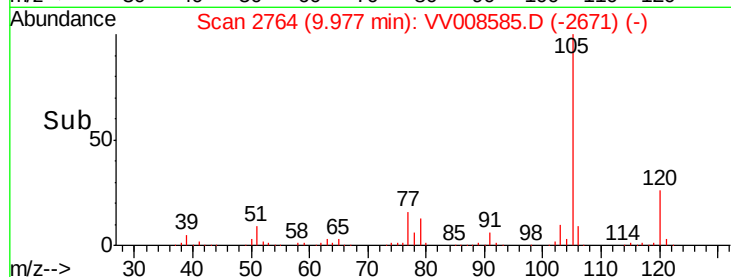
77 16.4 13.0 19.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 4.940 ug/L

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VV008585.D

Acq: 16 Nov 2018 16:58

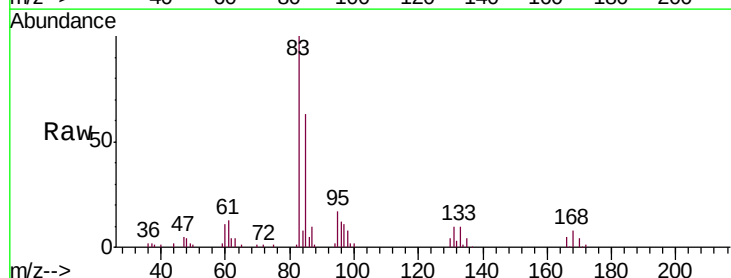
Tgt Ion: 83 Resp: 46646

Ion Ratio Lower Upper

83 100

85 63.3 44.8 83.2

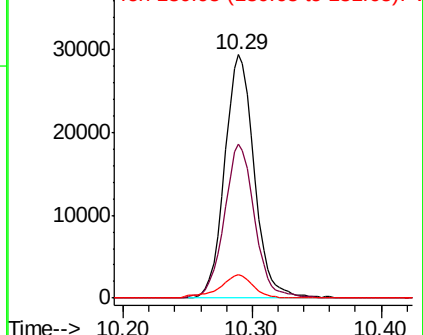
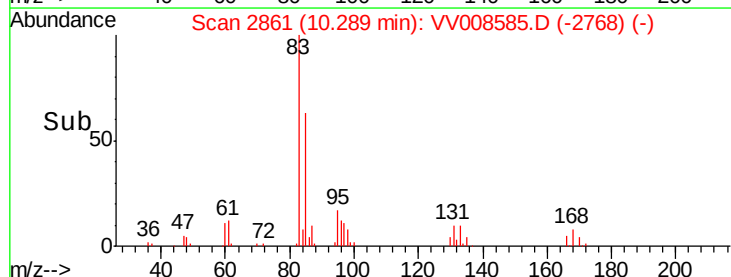
131 9.7 8.1 12.1

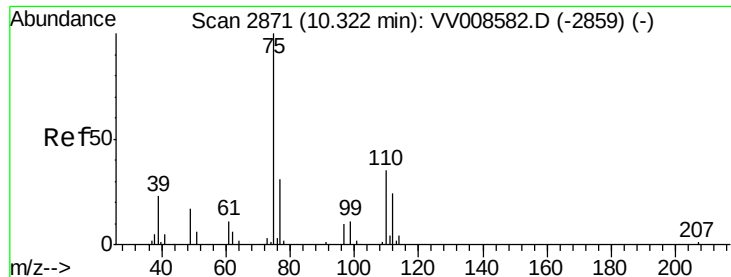


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 4.910 ug/L

RT: 10.32 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VV008585.D

Acq: 16 Nov 2018 16:58

Instrument :

MSVOA_V

ClientSampleId :

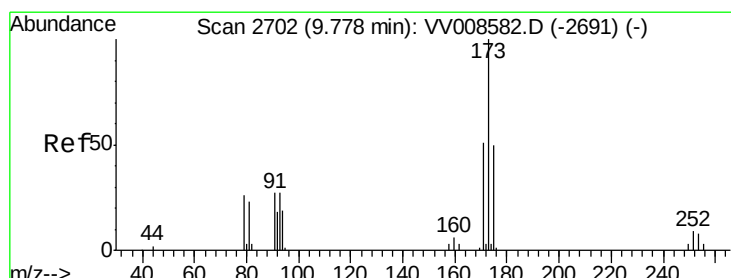
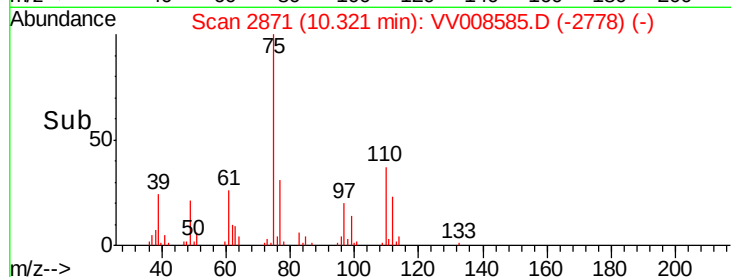
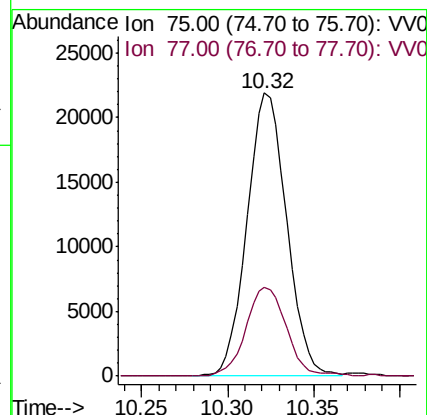
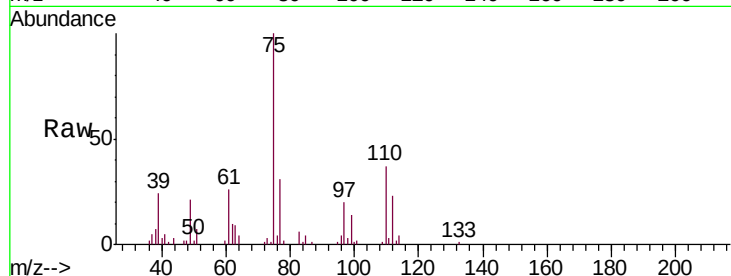
VICV66

Tgt Ion: 75 Resp: 35008

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8



#61

Bromoform

Concen: 4.991 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. -0.00 min

Lab File: VV008585.D

Acq: 16 Nov 2018 16:58

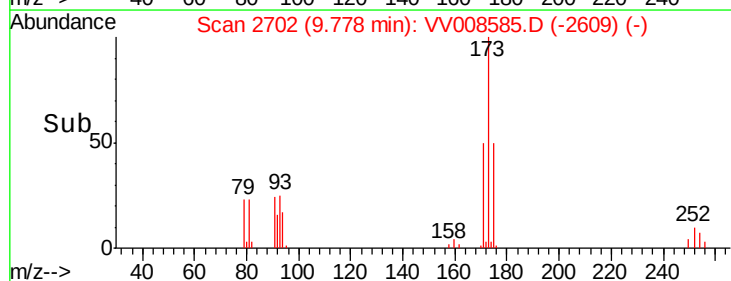
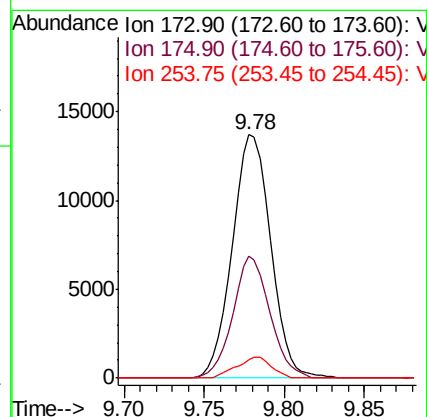
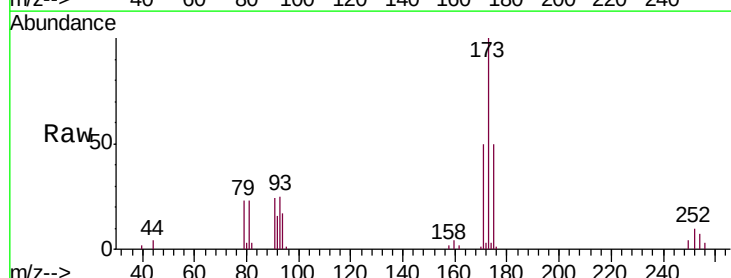
Tgt Ion: 173 Resp: 22454

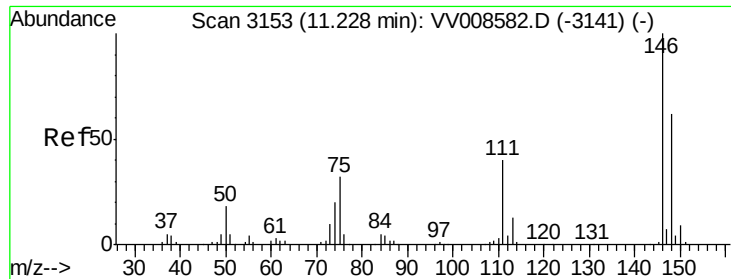
Ion Ratio Lower Upper

173 100

175 48.0 39.6 59.4

254 7.9 6.2 9.4





#62

1,3-Dichlorobenzene

Concen: 5.226 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. -0.00 min

Lab File: VV008585.D

Acq: 16 Nov 2018 16:58

Instrument :

MSVOA_V

ClientSampleId :

VICV66

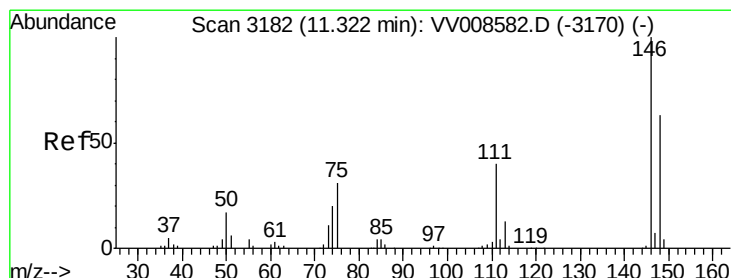
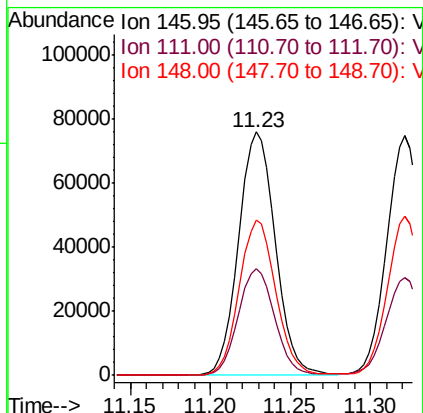
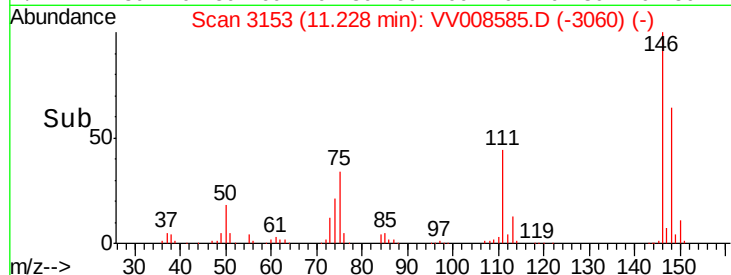
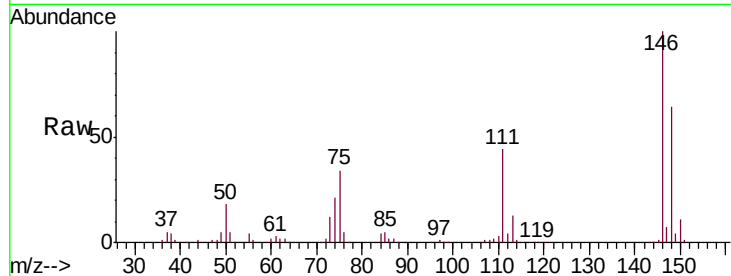
Tgt Ion:146 Resp: 119205

Ion Ratio Lower Upper

146 100

111 43.9 28.1 52.1

148 63.7 43.0 80.0



#63

1,4-Dichlorobenzene

Concen: 5.277 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VV008585.D

Acq: 16 Nov 2018 16:58

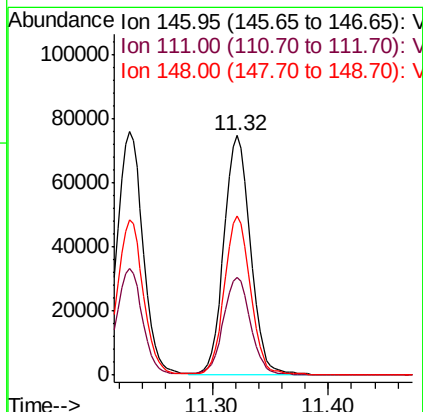
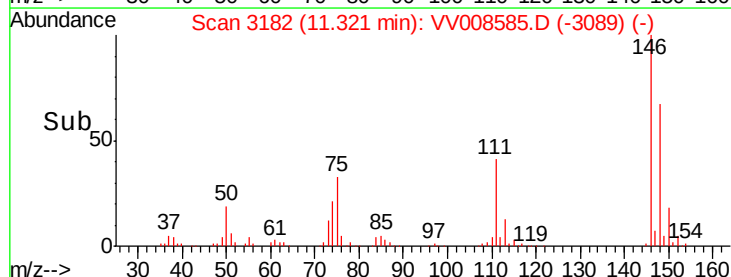
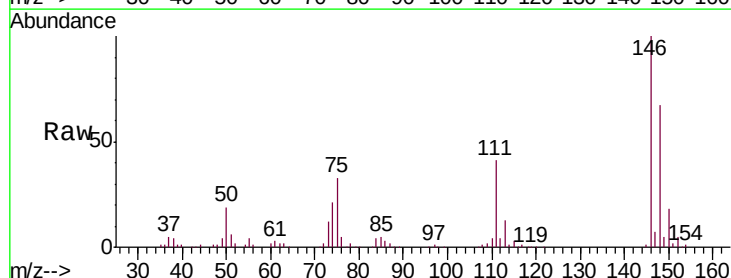
Tgt Ion:146 Resp: 118617

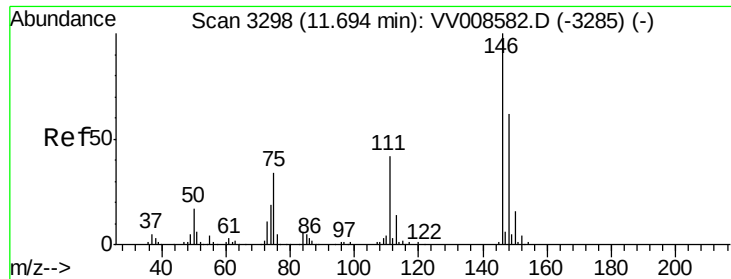
Ion Ratio Lower Upper

146 100

111 40.9 28.2 52.4

148 66.6 44.1 81.9

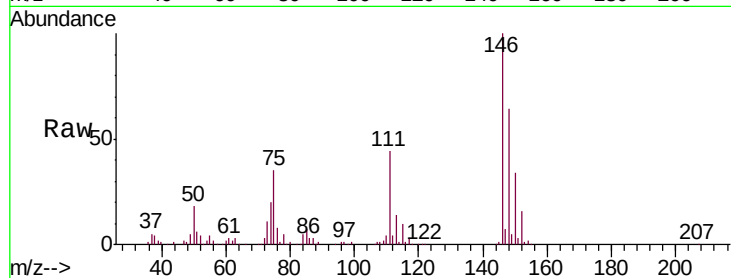




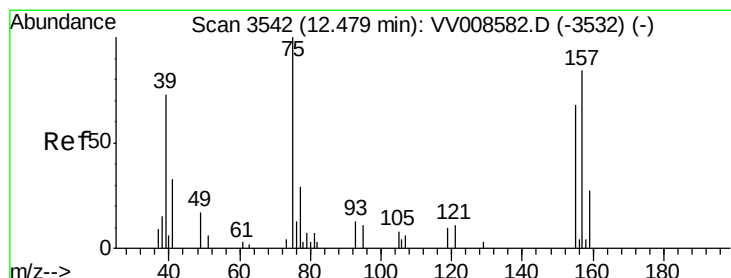
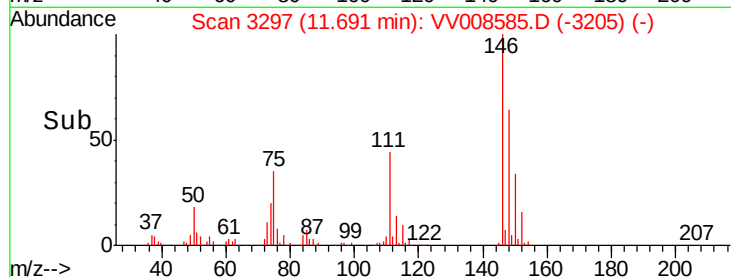
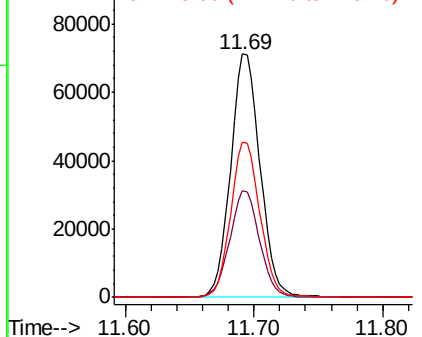
#65
 1,2-Dichlorobenzene
 Concen: 5.200 ug/L
 RT: 11.69 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VV008585.D
 Acq: 16 Nov 2018 16:58

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

Tgt Ion:146 Resp: 112919
 Ion Ratio Lower Upper
 146 100
 111 43.7 33.5 50.3
 148 63.8 50.0 75.0

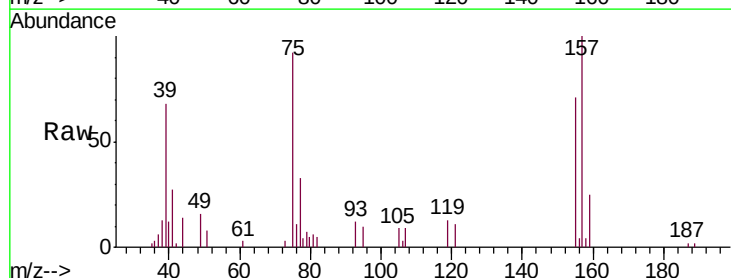


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

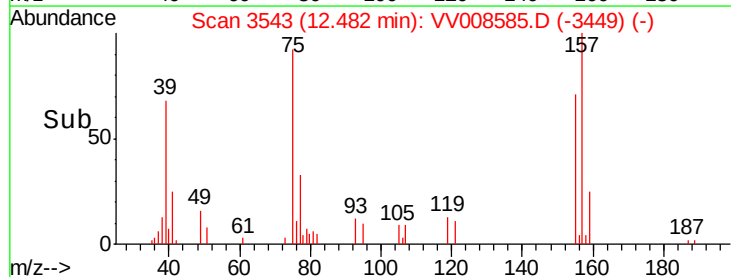
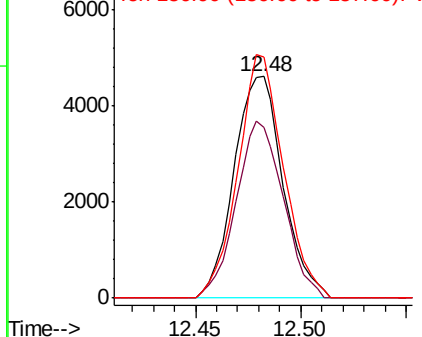


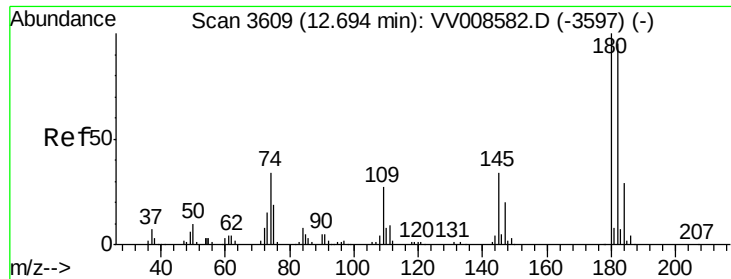
#66
 1,2-Dibromo-3-chloropropane
 Concen: 5.350 ug/L
 RT: 12.48 min Scan# 3543
 Delta R.T. 0.00 min
 Lab File: VV008585.D
 Acq: 16 Nov 2018 16:58

Tgt Ion: 75 Resp: 7434
 Ion Ratio Lower Upper
 75 100
 155 76.7 54.2 81.2
 157 108.7 67.4 101.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V

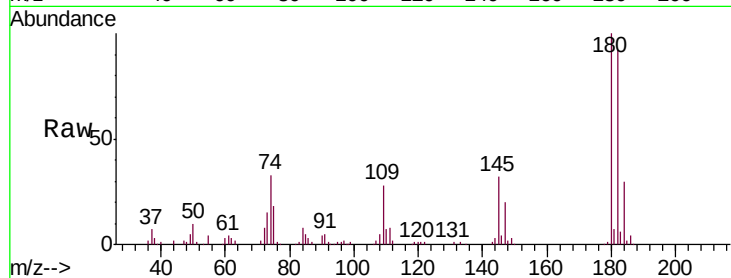




#67
 1,3,5-Trichlorobenzene
 Concen: 5.474 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. -0.00 min
 Lab File: VV008585.D
 Acq: 16 Nov 2018 16:58

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

Tgt Ion:	180	Resp:	90410
Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.9	113.9
184	29.7	23.9	35.9
145	32.5	26.8	40.2



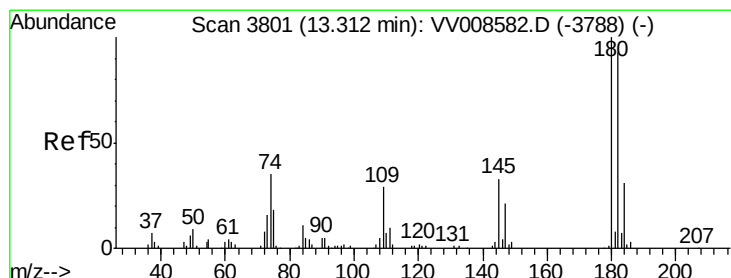
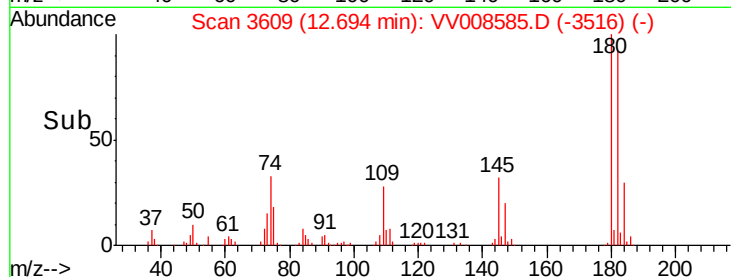
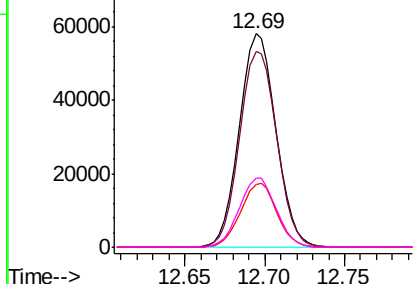
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

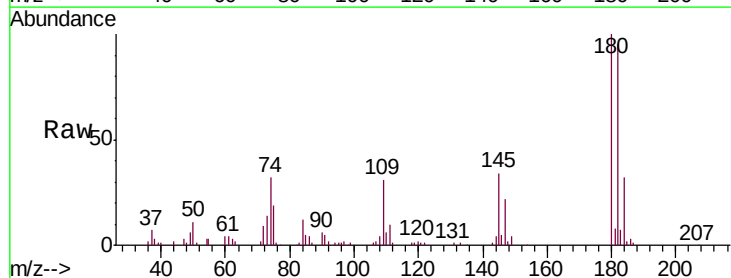
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 5.463 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. -0.00 min
 Lab File: VV008585.D
 Acq: 16 Nov 2018 16:58

Tgt Ion:	180	Resp:	72709
Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.4	114.6
145	34.0	27.1	40.7

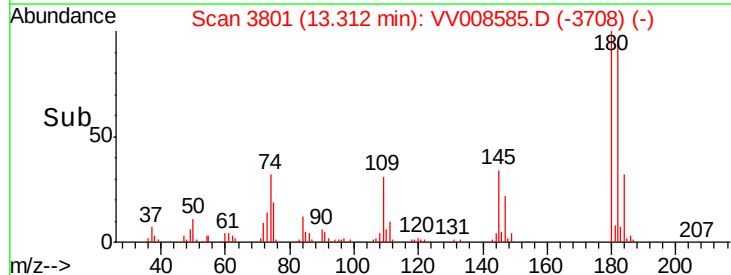
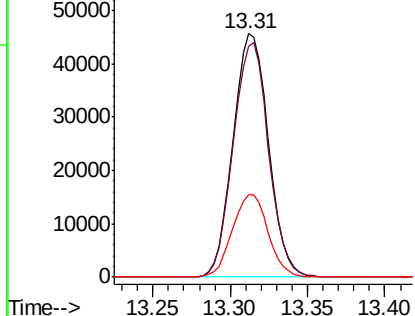


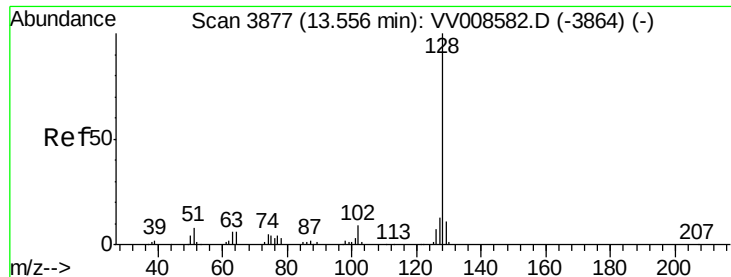
Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 5.498 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. -0.00 min

Lab File: VV008585.D

Acq: 16 Nov 2018 16:58

Instrument :

MSVOA_V

ClientSampleId :

VICV66

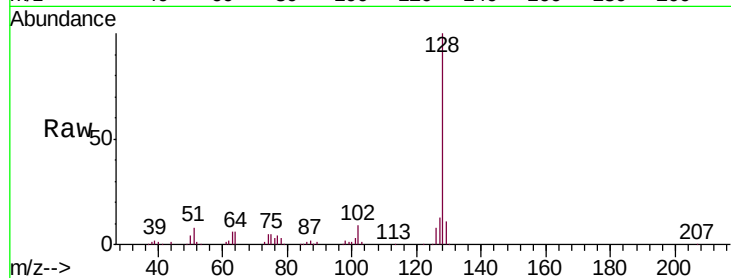
Tgt Ion:128 Resp: 118882

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

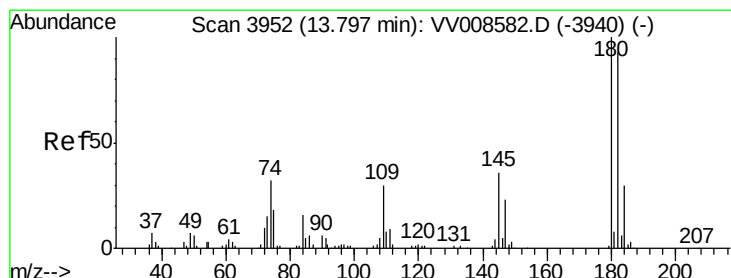
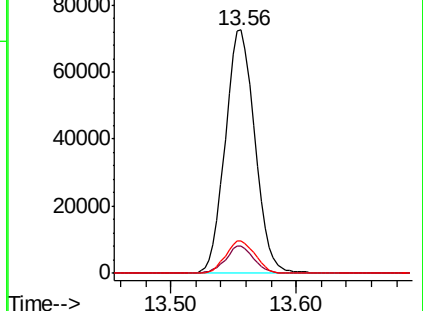
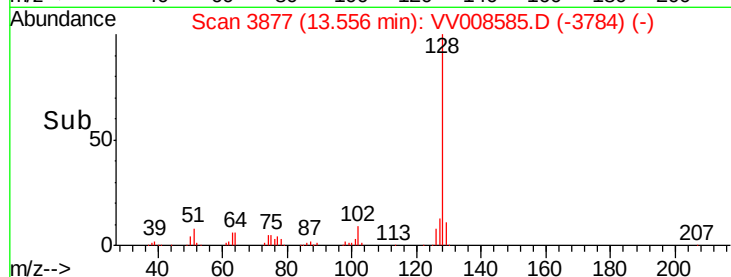
127 13.2 10.0 15.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 5.524 ug/L

RT: 13.80 min Scan# 3952

Delta R.T. -0.00 min

Lab File: VV008585.D

Acq: 16 Nov 2018 16:58

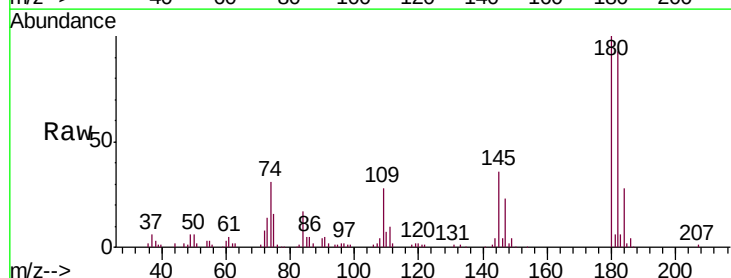
Tgt Ion:180 Resp: 67829

Ion Ratio Lower Upper

180 100

182 94.8 76.0 114.0

145 35.8 28.2 42.2



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

