

Data File : VV009795.D
Acq On : 21 Mar 2019 14:29
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV36

Quant Time: Mar 22 07:55:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Mar 21 15:15:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	118227	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	118266	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	57942	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65651	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.58	69	55218	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.13	63	163209	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	3.98	46	73853	44.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.32%
24) Chloroform-d	4.40	84	66716	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.08	65	32735	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.10	84	142242	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.12	67	39134	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.36	98	135330	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.66	79	16453	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.14	63	67233	46.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	32596	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	47106	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	56844	5.330 ug/L	96
3) Chloromethane	1.25	50	84814	5.442 ug/L	98
5) Vinyl chloride	1.32	62	93683	5.460 ug/L	97
6) Bromomethane	1.54	94	60443	5.764 ug/L	100
8) Chloroethane	1.60	64	60722	5.100 ug/L	98
9) Trichlorofluoromethane	1.77	101	185782	5.178 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	99547	5.607 ug/L	96
12) 1,1-Dichloroethene	2.14	96	86526	5.488 ug/L	94
13) Acetone	2.24	43	110580	51.627 ug/L	94
14) Carbon disulfide	2.32	76	241855	5.548 ug/L	100
15) Methyl Acetate	2.48	43	30696	6.033 ug/L	90
16) Methylene chloride	2.54	84	84226	4.724 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	196549	5.397 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	89940	5.309 ug/L	89
19) 1,1-Dichloroethane	3.23	63	157271	5.347 ug/L	98
21) 2-Butanone	4.06	43	95718	56.877 ug/L	90
22) cis-1,2-Dichloroethene	3.96	96	44646	5.448 ug/L	98

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Mar 21 15:15:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	18015	5.422	ug/L	96
25) Chloroform	4.43	83	78878	5.505	ug/L	99
27) 1,2-Dichloroethane	5.18	62	45280	5.193	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	66495	5.210	ug/L	95
30) Cyclohexane	4.72	56	72503	5.480	ug/L	99
31) Carbon tetrachloride	4.87	117	59907	5.451	ug/L	100
33) Benzene	5.14	78	178031	5.360	ug/L	100
34) Trichloroethene	5.96	95	47800	5.689	ug/L	97
35) Methylcyclohexane	6.17	83	77709	5.404	ug/L	96
37) 1,2-Dichloropropane	6.22	63	44629	5.376	ug/L	100
38) Bromodichloromethane	6.56	83	53811	5.481	ug/L	94
39) cis-1,3-Dichloropropene	7.07	75	63648	5.667	ug/L	95
40) 4-Methyl-2-pentanone	7.28	43	263351	54.282	ug/L	96
42) Toluene	7.43	91	207098	5.510	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	48293	5.378	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	29403	5.202	ug/L	95
47) Tetrachloroethene	8.02	164	39497	5.443	ug/L	87
48) 2-Hexanone	8.19	43	182409	53.441	ug/L	98
49) Dibromochloromethane	8.29	129	34267	5.245	ug/L	92
50) 1,2-Dibromoethane	8.40	107	28085	5.321	ug/L	96
51) Chlorobenzene	8.92	112	126451	5.255	ug/L	99
52) Ethylbenzene	9.05	91	225842	5.454	ug/L	98
53) m,p-xylene	9.18	106	87771	5.578	ug/L	97
54) o-xylene	9.59	106	82563	5.371	ug/L	99
55) Styrene	9.60	104	141121	5.646	ug/L	94
56) Isopropylbenzene	9.97	105	226547	5.582	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	37696	5.384	ug/L #	95
59) 1,2,3-Trichloropropane	10.32	75	25621	5.312	ug/L	96
61) Bromoform	9.78	173	16865	5.504	ug/L #	94
62) 1,3-Dichlorobenzene	11.23	146	97822	5.306	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	102233	5.480	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	88888	5.122	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	4445	4.790	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	75812	5.431	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	63257	6.045	ug/L	97
69) Naphthalene	13.55	128	97094	5.910	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	56246	5.791	ug/L	97

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

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Instrument :
MSVOA_V
ClientSampleId :
VICV36

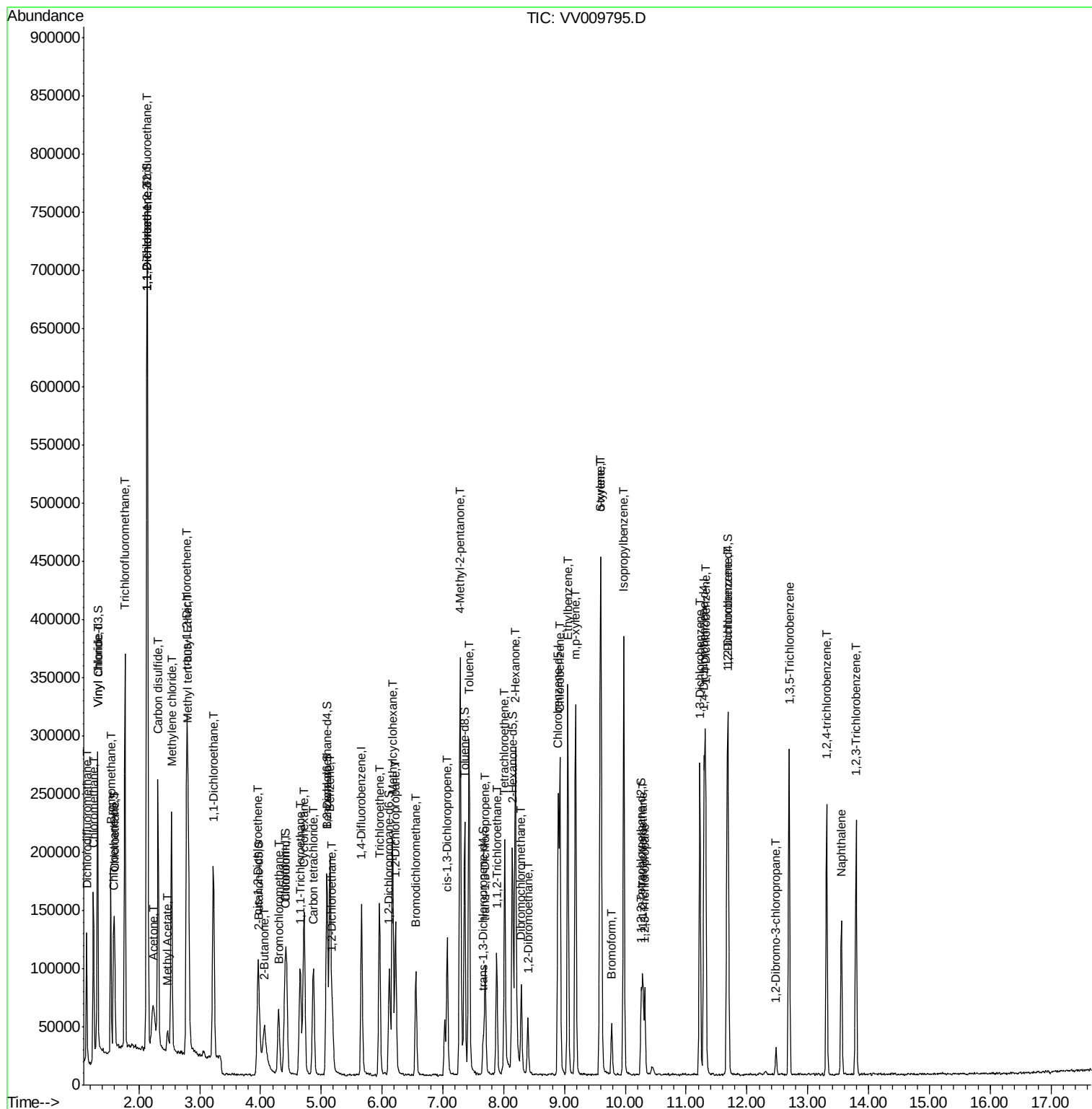
Quant Time: Mar 22 07:55:18 2019

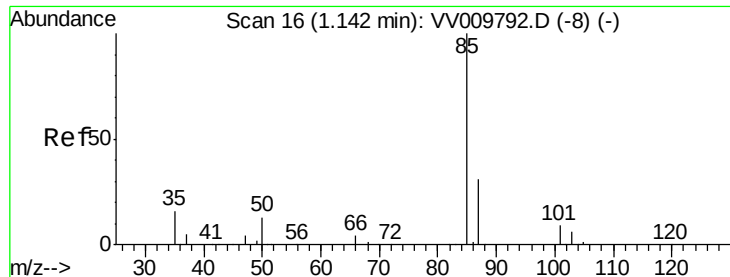
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVTR032119WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Thu Mar 21 15:15:58 2019

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 5.330 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV009795.D

Acq: 21 Mar 2019 14:29

Instrument :

MSVOA_V

ClientSampleId :

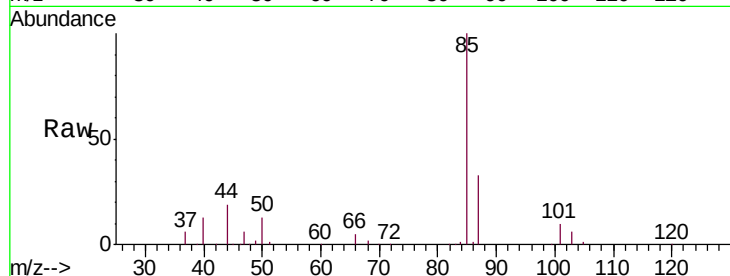
VICV36

Tgt Ion: 85 Resp: 56844

Ion Ratio Lower Upper

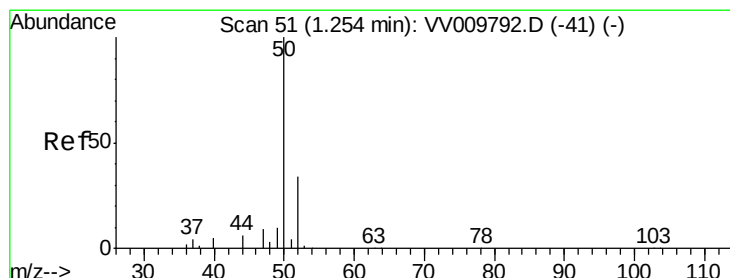
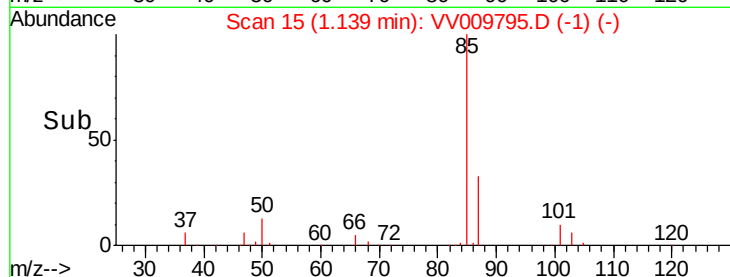
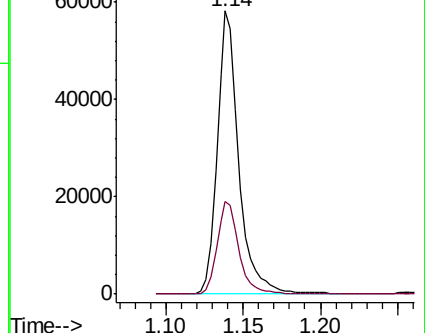
85 100

87 32.8 24.4 36.6



Abundance Ion 85.00 (84.70 to 85.70): VV009792.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV009792.D (-8) (-)



#3

Chloromethane

Concen: 5.442 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV009795.D

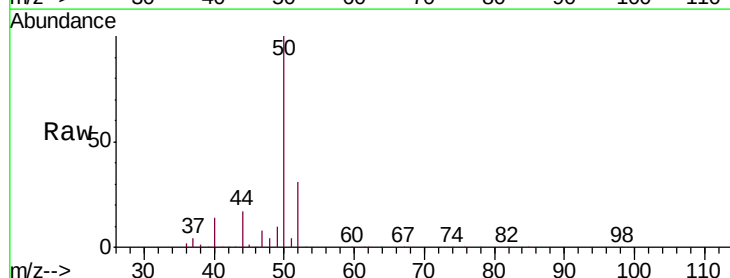
Acq: 21 Mar 2019 14:29

Tgt Ion: 50 Resp: 84814

Ion Ratio Lower Upper

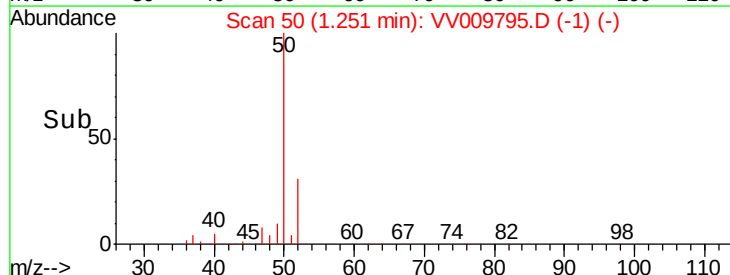
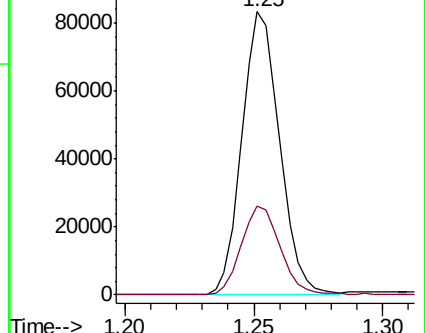
50 100

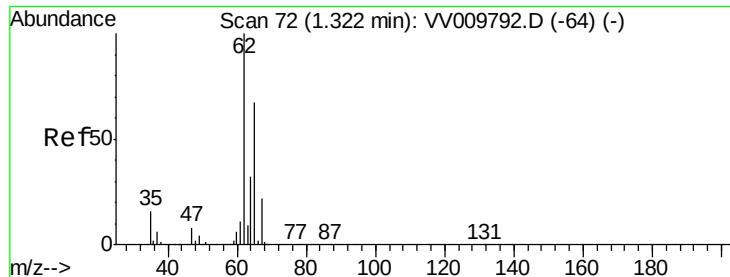
52 31.4 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV009792.D (-41) (-)

Ion 52.05 (51.75 to 52.75): VV009792.D (-41) (-)





#5

Vinyl chloride

Concen: 5.460 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV009795.D

Acq: 21 Mar 2019 14:29

Instrument :

MSVOA_V

ClientSampled :

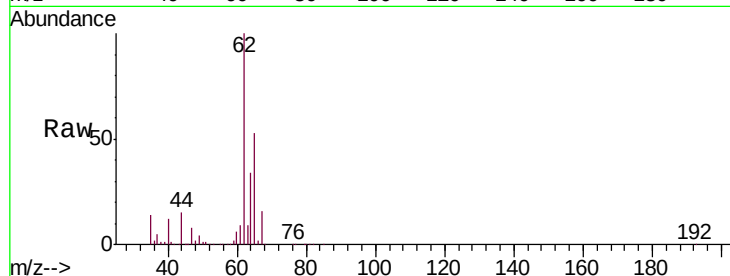
VICV36

Tgt Ion: 62 Resp: 93683

Ion Ratio Lower Upper

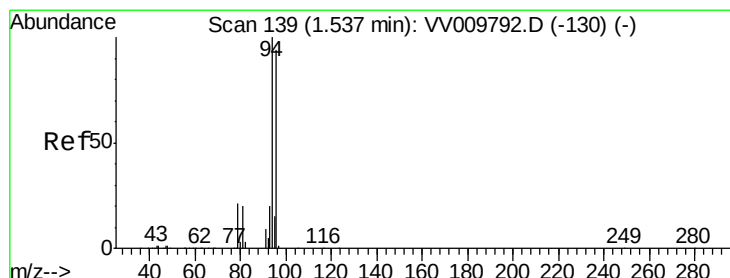
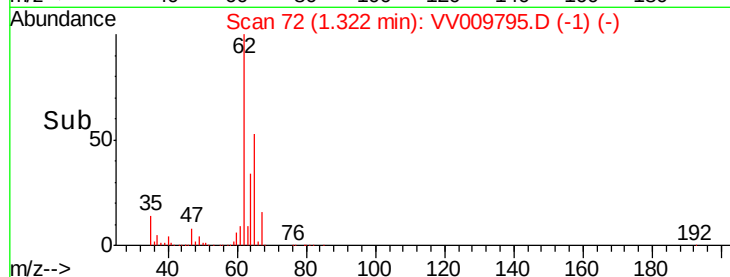
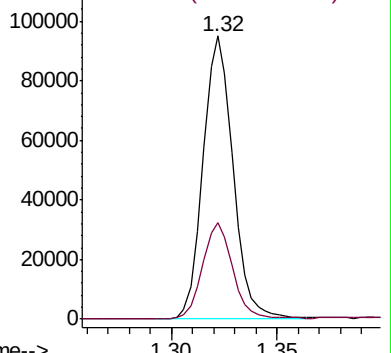
62 100

64 34.1 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VV009795.D (-62) (-)

Ion 64.10 (63.80 to 64.80): VV009795.D (-64) (-)



#6

Bromomethane

Concen: 5.764 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV009795.D

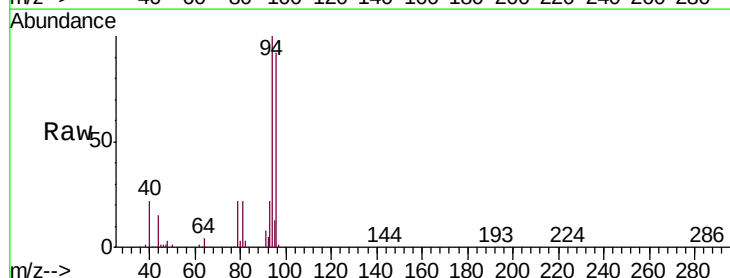
Acq: 21 Mar 2019 14:29

Tgt Ion: 94 Resp: 60443

Ion Ratio Lower Upper

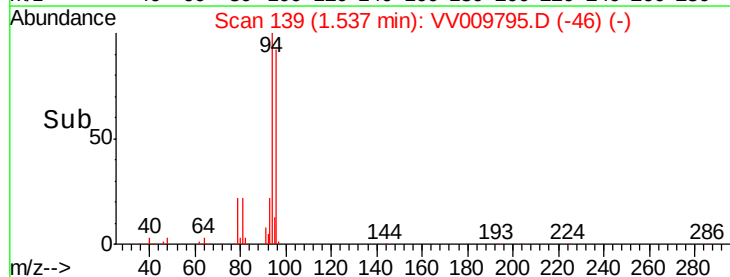
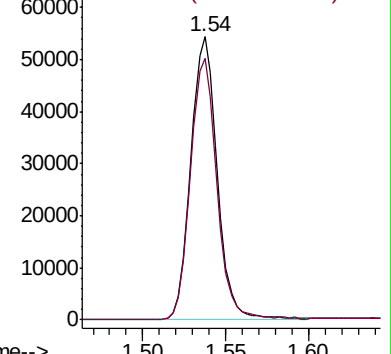
94 100

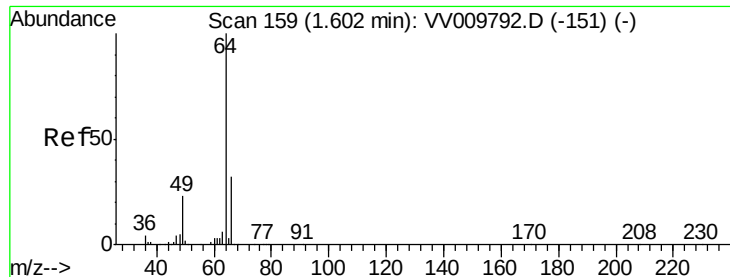
96 92.5 64.6 120.0



Abundance Ion 94.00 (93.70 to 94.70): VV009795.D (-94) (-)

Ion 96.00 (95.70 to 96.70): VV009795.D (-96) (-)





#8

Chloroethane

Concen: 5.100 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VV009795.D

Acq: 21 Mar 2019 14:29

Instrument :

MSVOA_V

ClientSampleId :

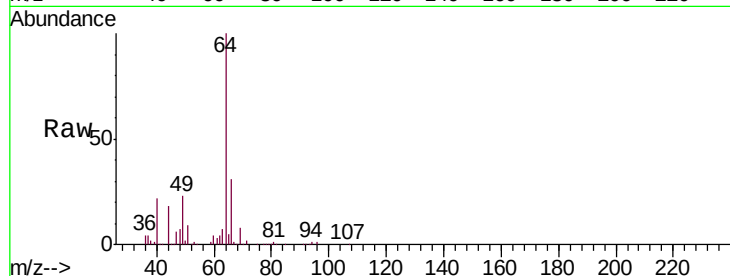
VICV36

Tgt Ion: 64 Resp: 60722

Ion Ratio Lower Upper

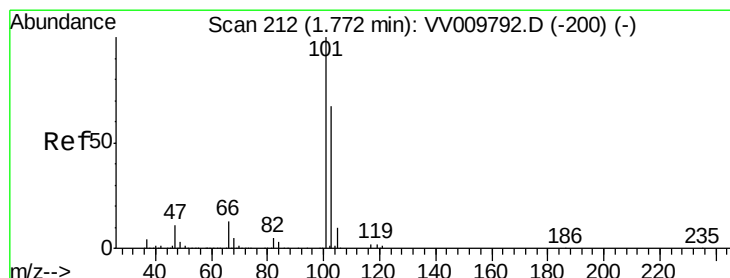
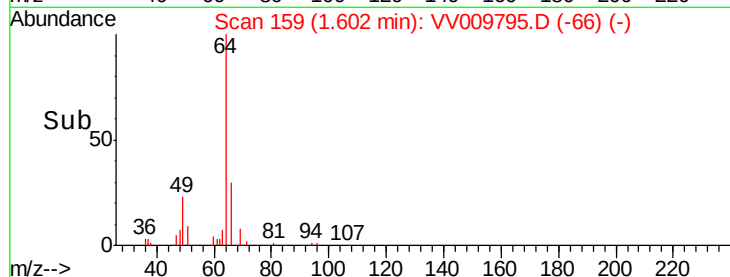
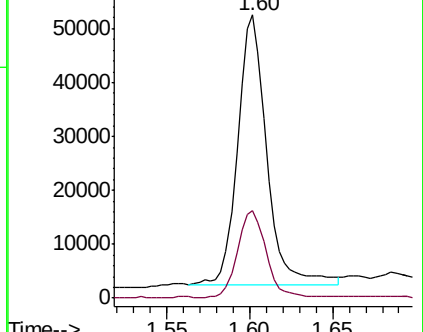
64 100

66 30.7 22.4 41.6



Abundance Ion 64.10 (63.80 to 64.80): VV009792.D (-151) (-)

Ion 66.05 (65.75 to 66.75): VV009795.D (-66) (-)



#9

Trichlorofluoromethane

Concen: 5.178 ug/L

RT: 1.77 min Scan# 211

Delta R.T. -0.00 min

Lab File: VV009795.D

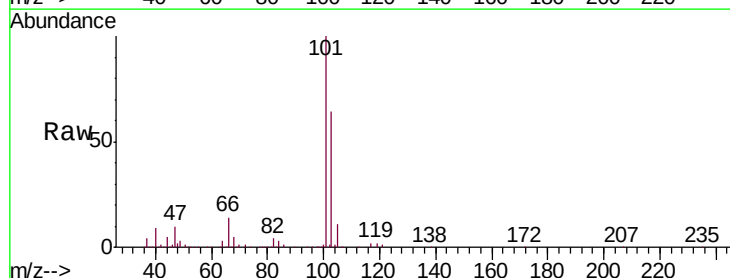
Acq: 21 Mar 2019 14:29

Tgt Ion: 101 Resp: 185782

Ion Ratio Lower Upper

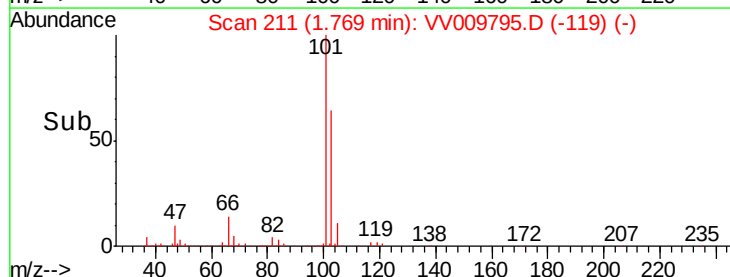
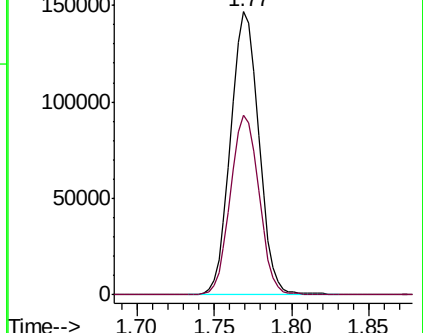
101 100

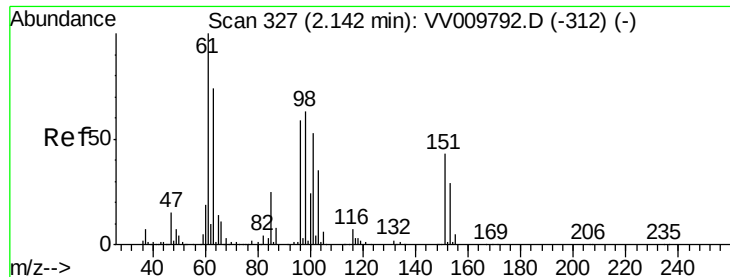
103 64.0 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): VV009792.D (-200) (-)

Ion 103.00 (102.70 to 103.70): VV009795.D (-119) (-)





#10

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

Concen: 5.607 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV009795.D

Acq: 21 Mar 2019 14:29

Instrument :

MSVOA_V

ClientSampleId :

VICV36

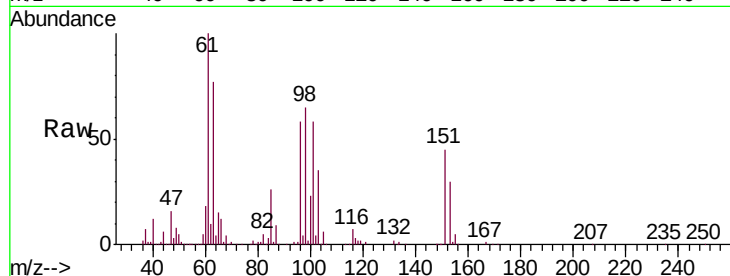
Tgt Ion:101 Resp: 99547

Ion Ratio Lower Upper

101 100

85 45.0 39.2 58.8

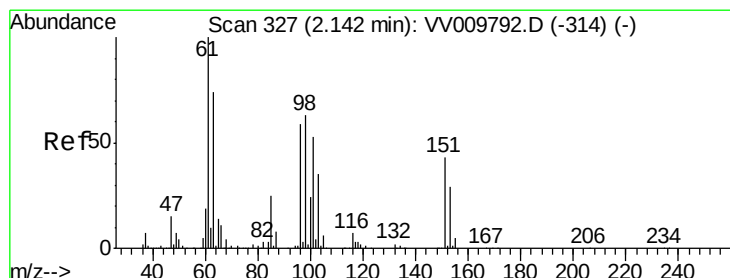
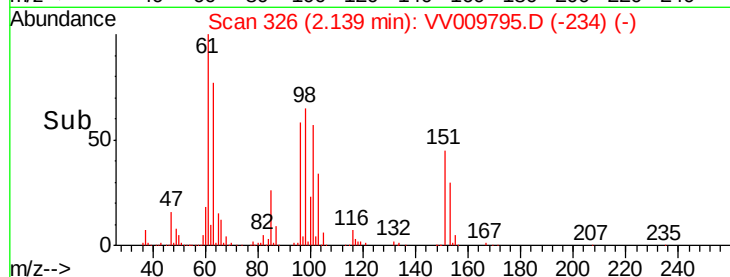
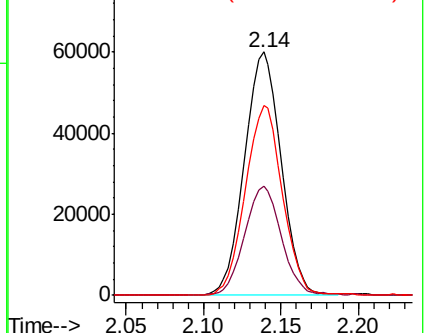
151 78.4 61.1 91.7



Abundance Ion 101.00 (100.70 to 101.70): VV009795.D (-234) (-)

Ion 85.00 (84.70 to 85.70): VV009795.D (-234) (-)

Ion 151.00 (150.70 to 151.70): VV009795.D (-234) (-)



#12

1,1-Dichloroethene

Concen: 5.488 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV009795.D

Acq: 21 Mar 2019 14:29

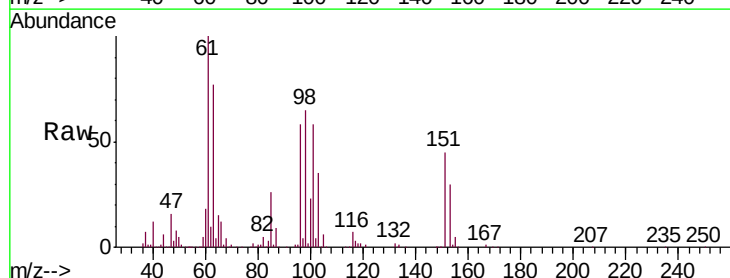
Tgt Ion: 96 Resp: 86526

Ion Ratio Lower Upper

96 100

61 172.2 127.1 236.0

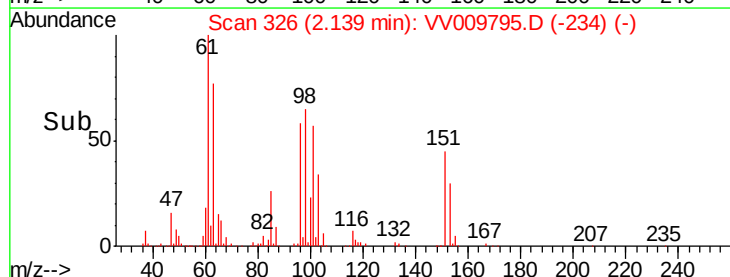
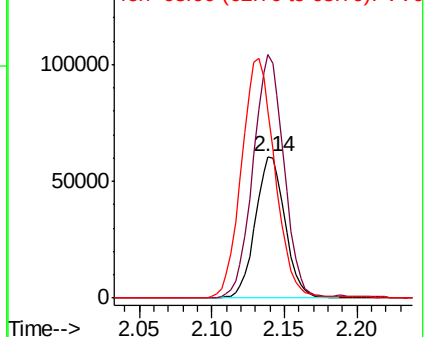
63 132.7 88.8 164.8

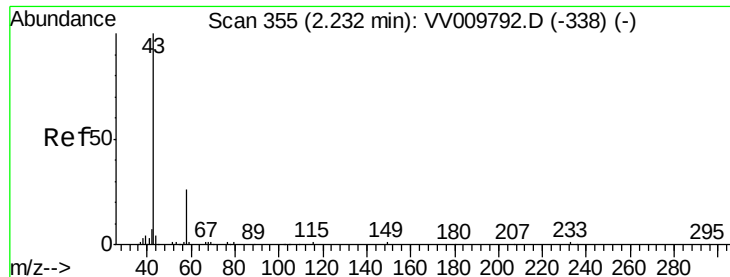


Abundance Ion 96.00 (95.70 to 96.70): VV009795.D (-234) (-)

Ion 61.05 (60.75 to 61.75): VV009795.D (-234) (-)

Ion 63.00 (62.70 to 63.70): VV009795.D (-234) (-)





#13

Acetone

Concen: 51.627 ug/L

RT: 2.24 min Scan# 356

Delta R.T. 0.00 min

Lab File: VV009795.D

Acq: 21 Mar 2019 14:29

Instrument :

MSVOA_V

ClientSampled :

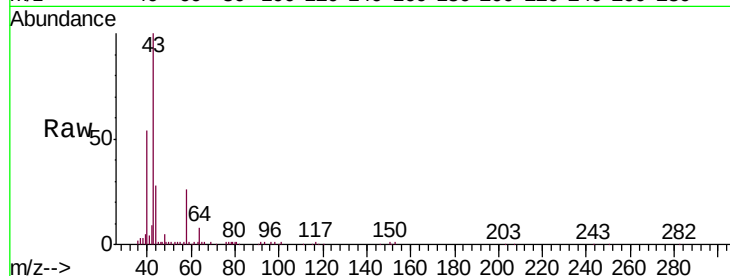
VICV36

Tgt Ion: 43 Resp: 110580

Ion Ratio Lower Upper

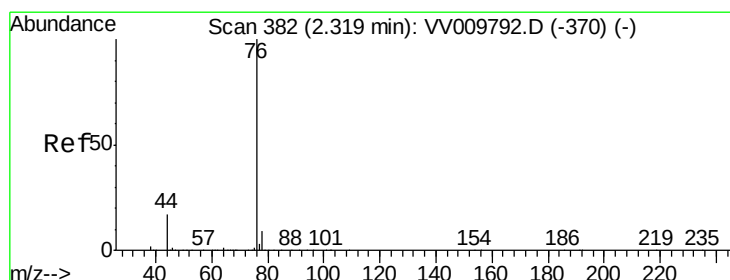
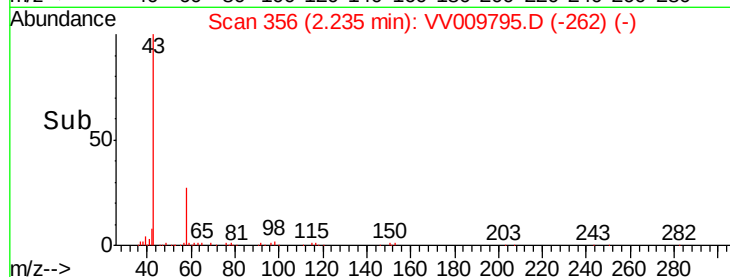
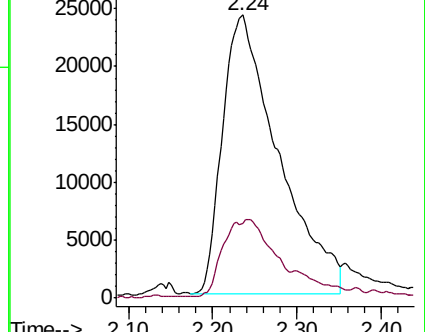
43 100

58 9.0 0.0 23.0



Abundance Ion 43.05 (42.75 to 43.75): VV009792.D (-338) (-)

Ion 58.05 (57.75 to 58.75): VV009795.D (-262) (-)



#14

Carbon disulfide

Concen: 5.548 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VV009795.D

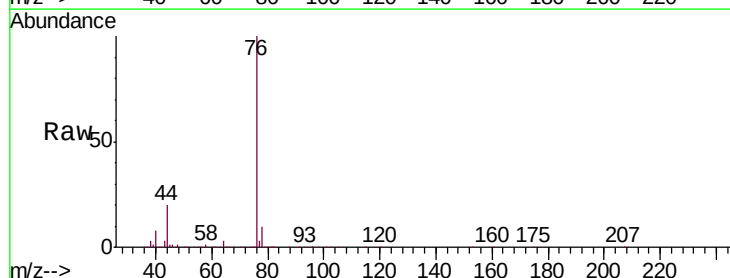
Acq: 21 Mar 2019 14:29

Tgt Ion: 76 Resp: 241855

Ion Ratio Lower Upper

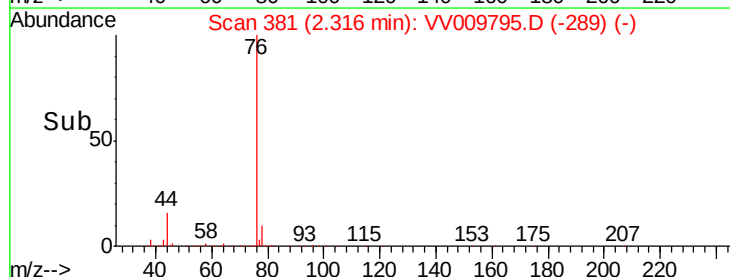
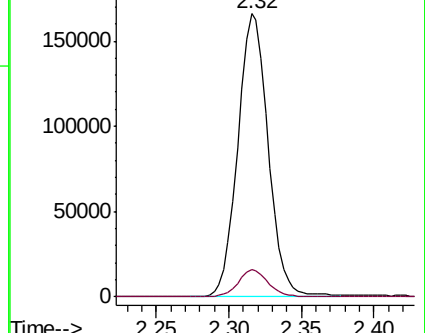
76 100

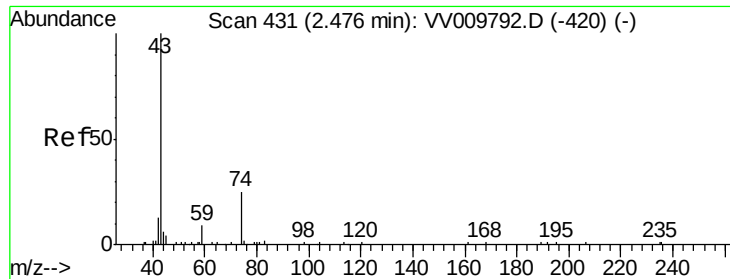
78 9.5 7.7 11.5



Abundance Ion 76.05 (75.75 to 76.75): VV009792.D (-370) (-)

Ion 78.00 (77.70 to 78.70): VV009795.D (-289) (-)

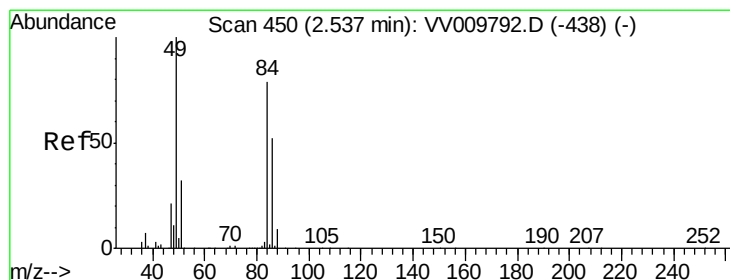
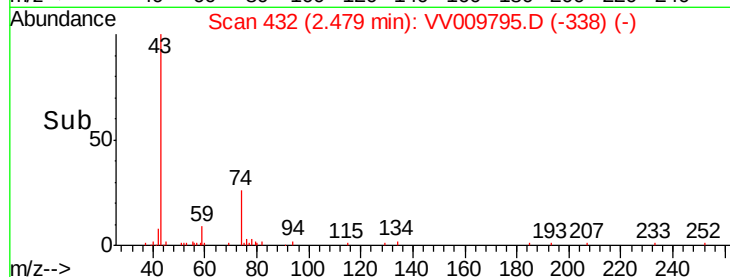
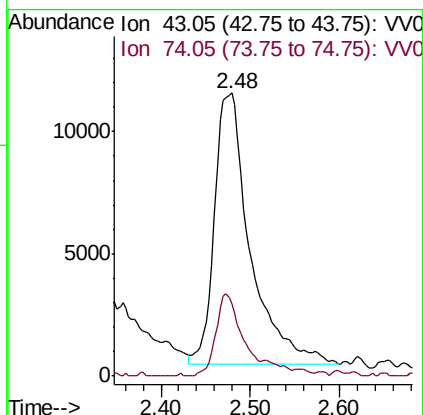
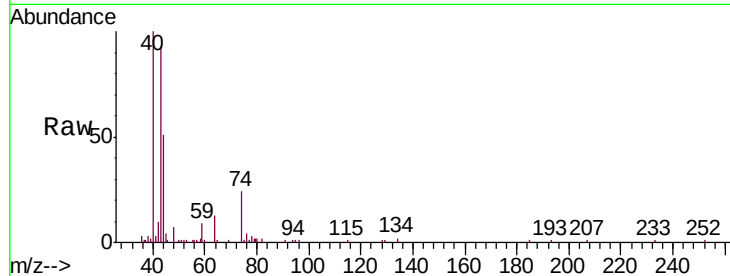




#15
Methyl Acetate
Concen: 6.033 ug/L
RT: 2.48 min Scan# 432
Delta R.T. 0.00 min
Lab File: VV009795.D
Acq: 21 Mar 2019 14:29

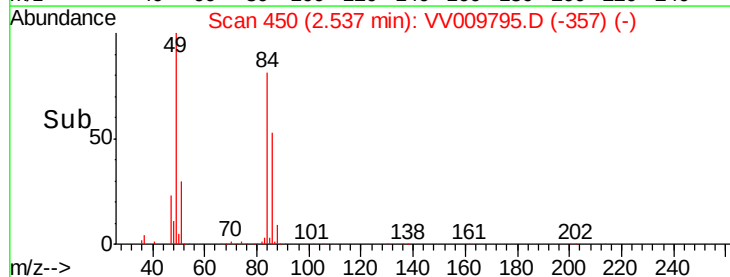
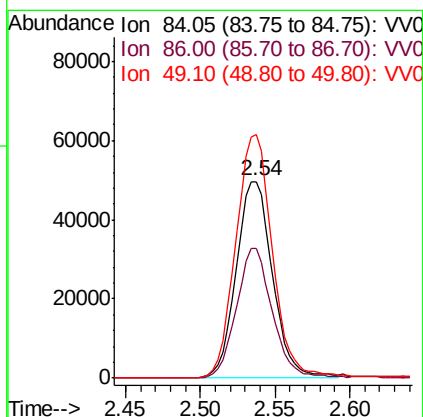
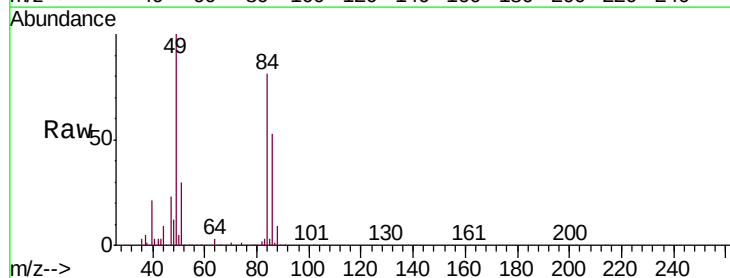
Instrument :
MSVOA_V
ClientSampleId :
VICV36

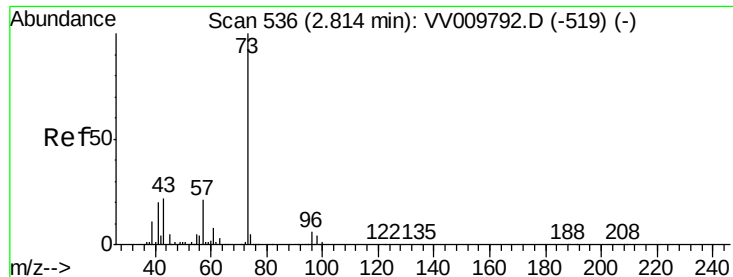
Tgt Ion: 43 Resp: 30696
Ion Ratio Lower Upper
43 100
74 21.9 21.8 32.6



#16
Methylene chloride
Concen: 4.724 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009795.D
Acq: 21 Mar 2019 14:29

Tgt Ion: 84 Resp: 84226
Ion Ratio Lower Upper
84 100
86 65.8 46.1 85.5
49 123.7 89.7 166.5

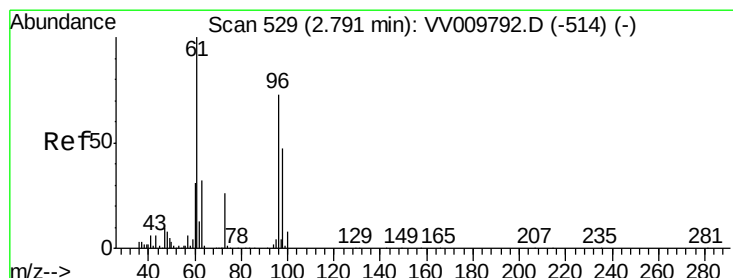
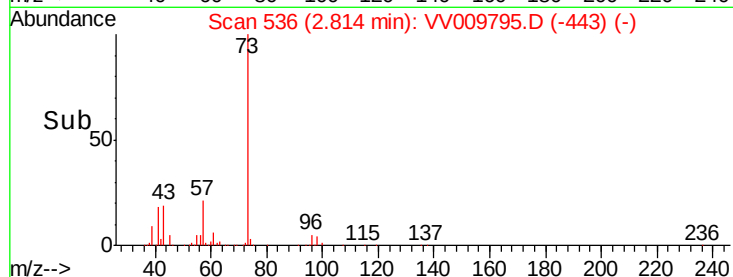
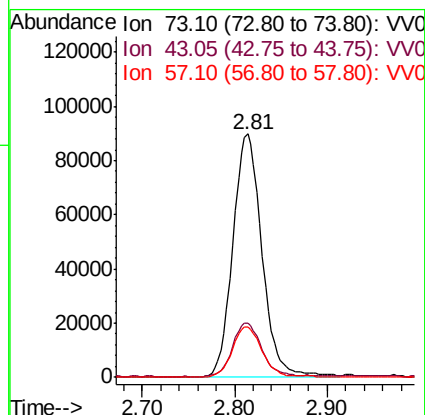
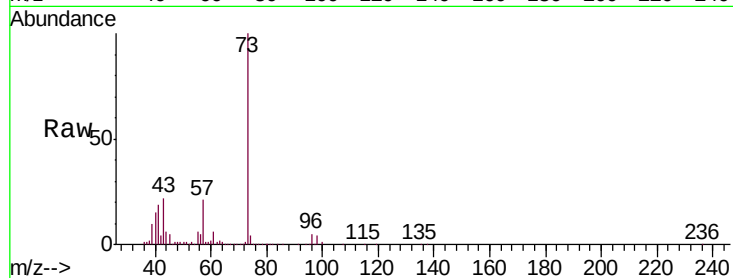




#17
Methyl tert-butyl Ether
Concen: 5.397 ug/L
RT: 2.81 min Scan# 536
Delta R.T. 0.00 min
Lab File: VV009795.D
Acq: 21 Mar 2019 14:29

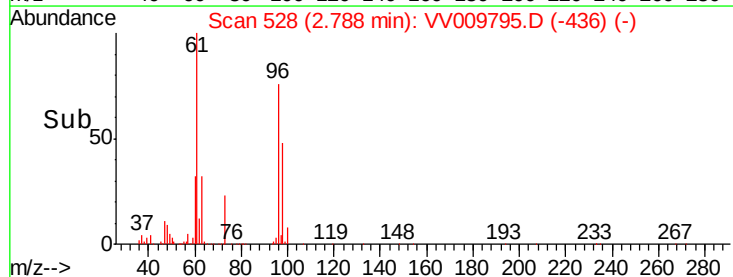
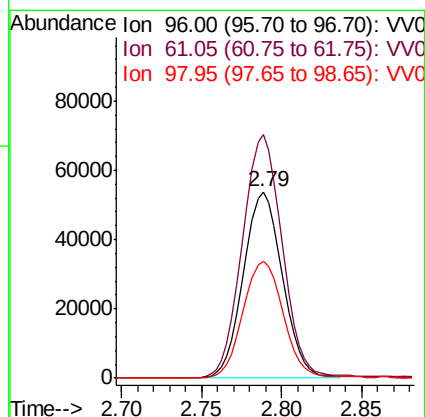
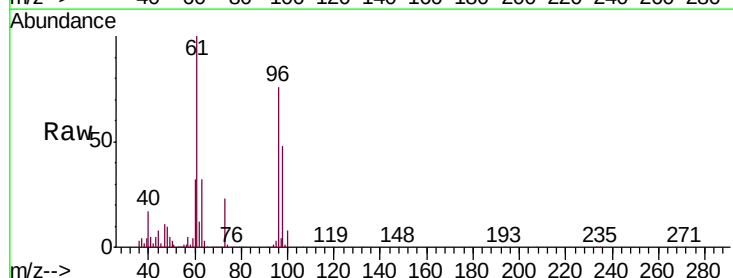
Instrument :
MSVOA_V
ClientSampleId :
VICV36

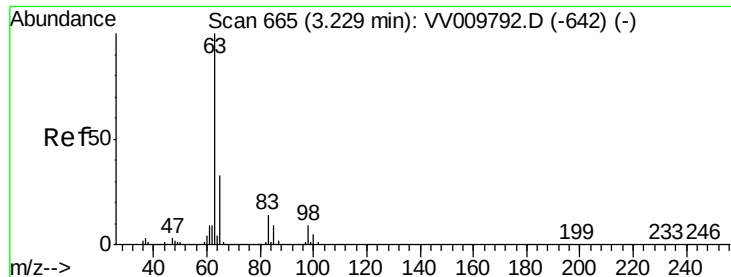
Tgt Ion:	73	Resp:	196549
Ion	Ratio	Lower	Upper
73	100		
43	21.9	17.2	25.8
57	21.3	17.3	25.9



#18
trans-1,2-Dichloroethene
Concen: 5.309 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV009795.D
Acq: 21 Mar 2019 14:29

Tgt Ion:	96	Resp:	89940
Ion	Ratio	Lower	Upper
96	100		
61	130.8	103.9	192.9
98	63.0	46.0	85.4

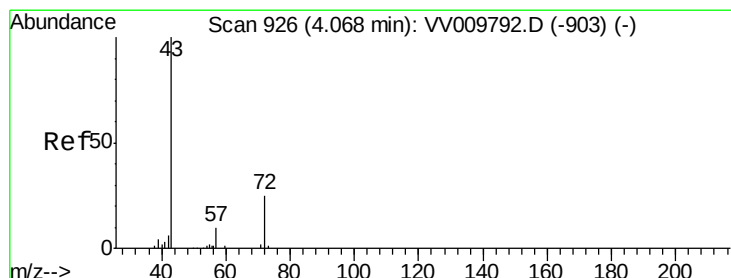
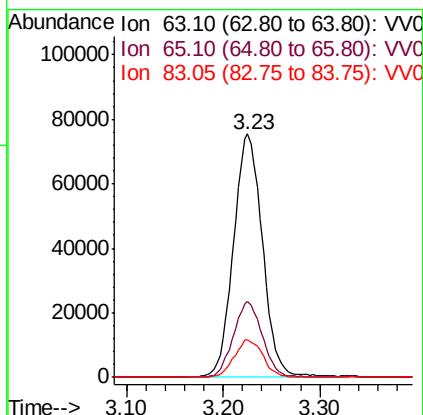
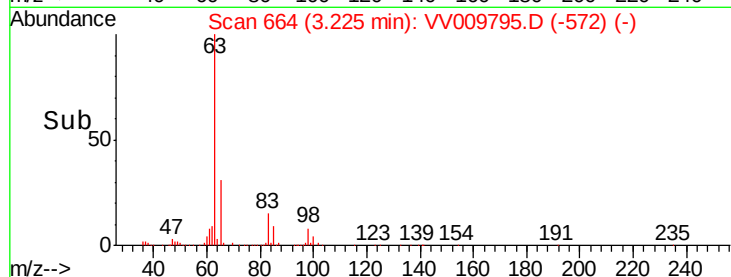
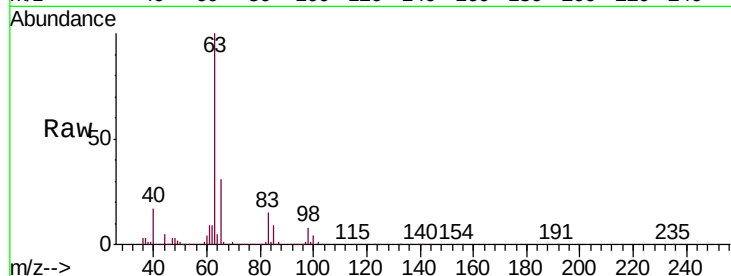




#19
 1,1-Dichloroethane
 Concen: 5.347 ug/L
 RT: 3.23 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: VV009795.D
 Acq: 21 Mar 2019 14:29

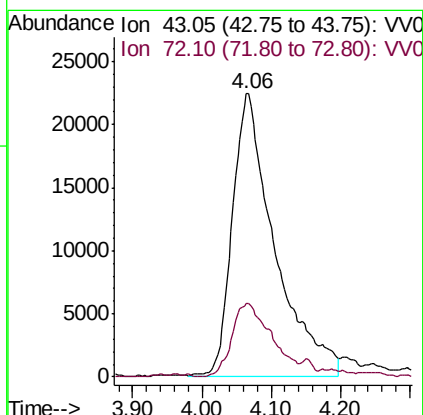
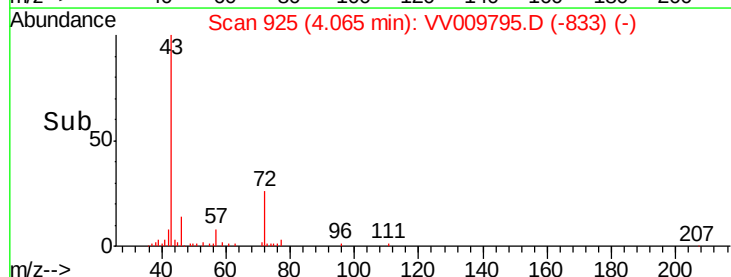
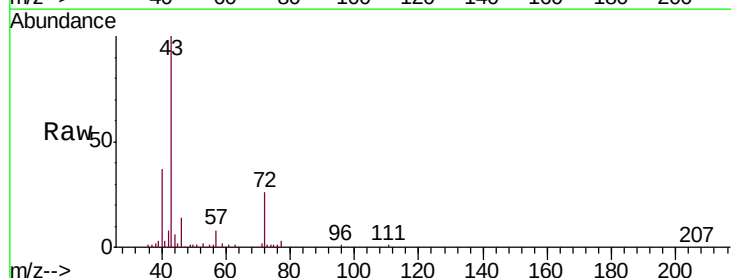
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV36

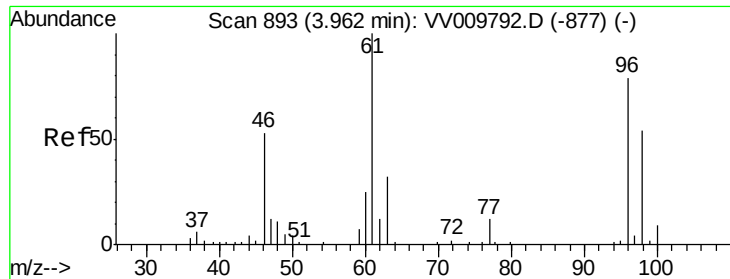
Tgt Ion: 63 Resp: 157271
 Ion Ratio Lower Upper
 63 100
 65 31.2 21.3 39.5
 83 15.4 9.9 18.5



#21
 2-Butanone
 Concen: 56.877 ug/L
 RT: 4.06 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: VV009795.D
 Acq: 21 Mar 2019 14:29

Tgt Ion: 43 Resp: 95718
 Ion Ratio Lower Upper
 43 100
 72 24.2 14.8 44.4

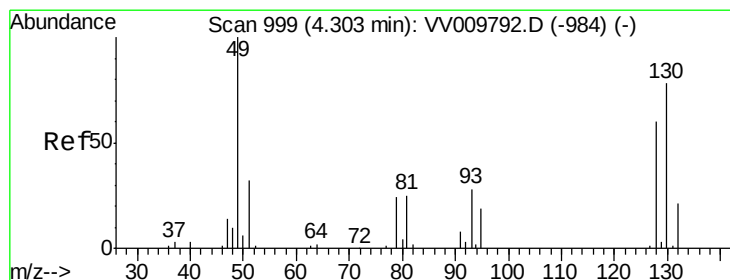
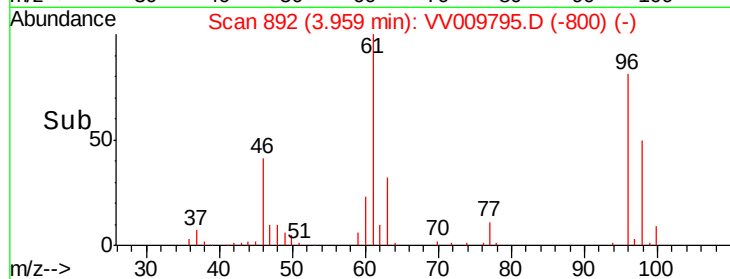
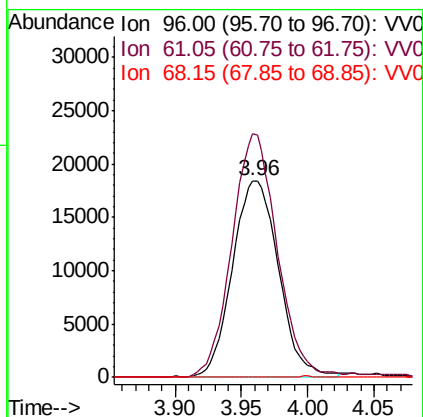
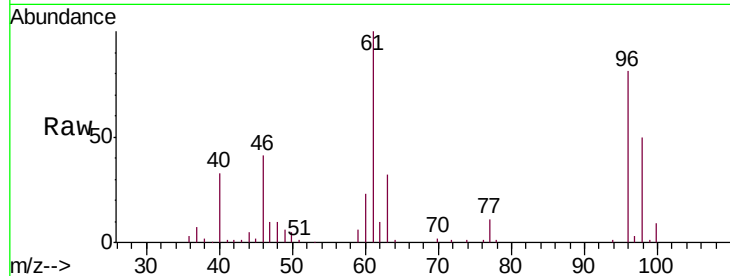




#22
 cis-1,2-Dichloroethene
 Concen: 5.448 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: VV009795.D
 Acq: 21 Mar 2019 14:29

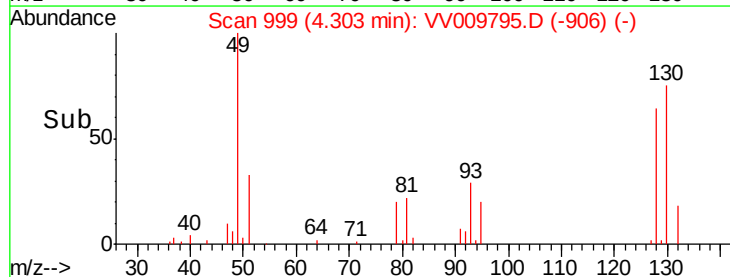
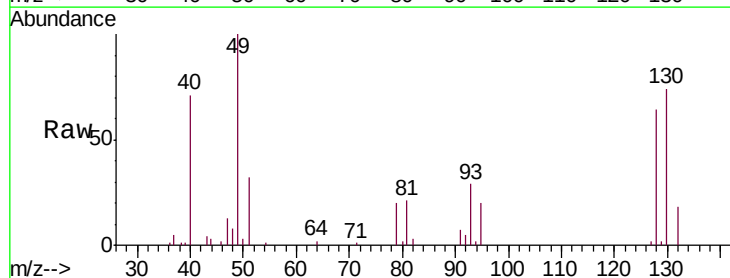
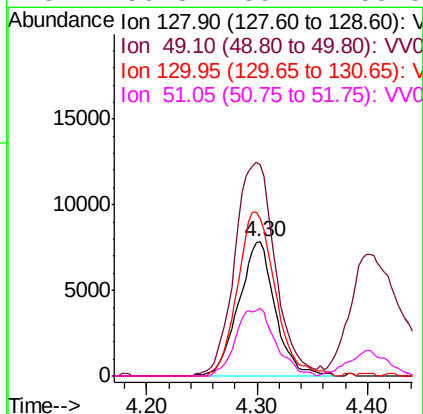
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV36

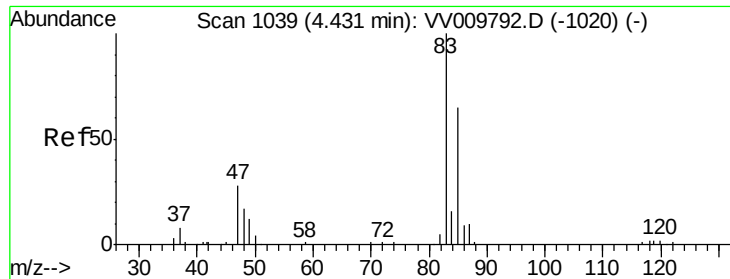
Tgt Ion: 96 Resp: 44646
 Ion Ratio Lower Upper
 96 100
 61 123.8 84.8 157.4
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.422 ug/L
 RT: 4.30 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: VV009795.D
 Acq: 21 Mar 2019 14:29

Tgt Ion: 128 Resp: 18015
 Ion Ratio Lower Upper
 128 100
 49 157.4 110.4 205.0
 130 116.9 89.1 165.5
 51 50.8 39.7 59.5

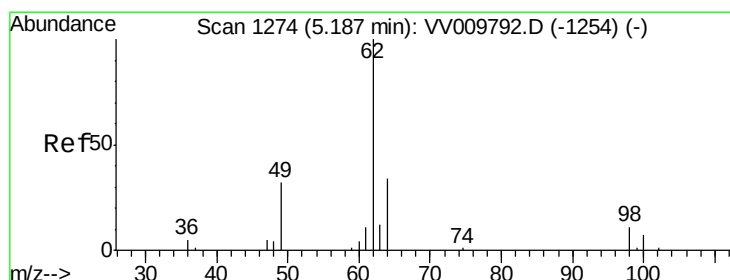
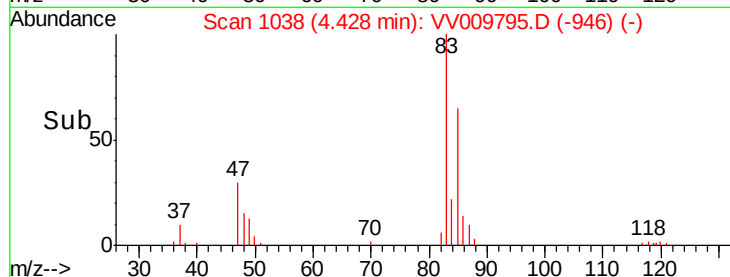
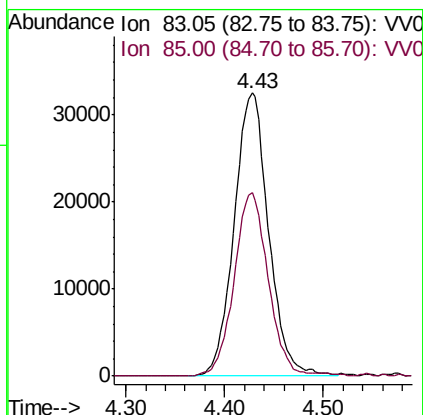
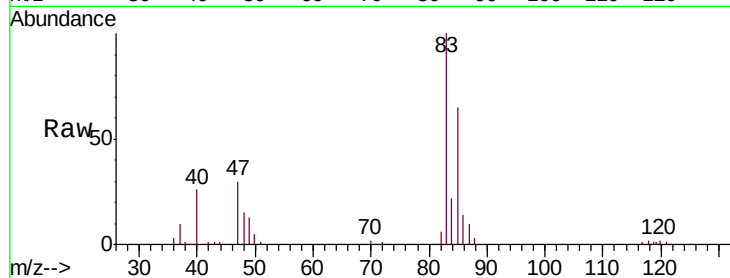




#25
Chloroform
Concen: 5.505 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV009795.D
Acq: 21 Mar 2019 14:29

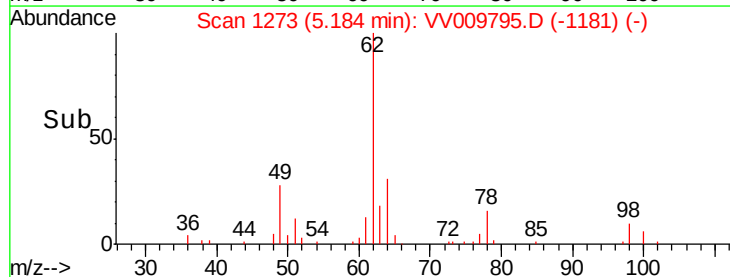
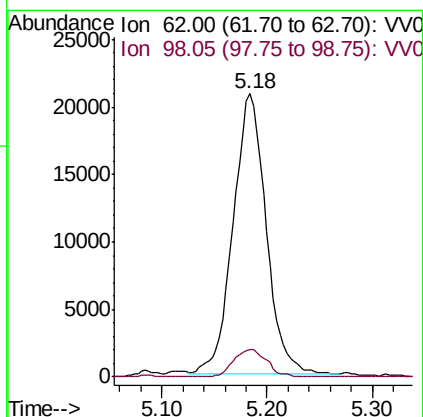
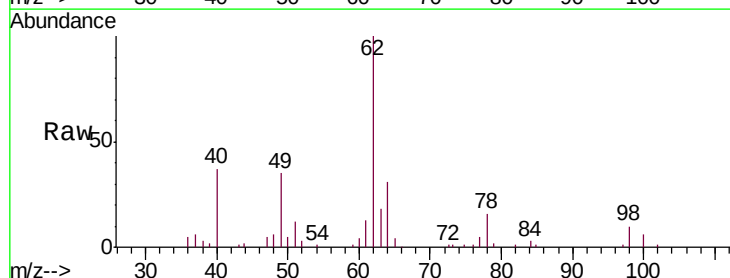
Instrument :
MSVOA_V
ClientSampleId :
VICV36

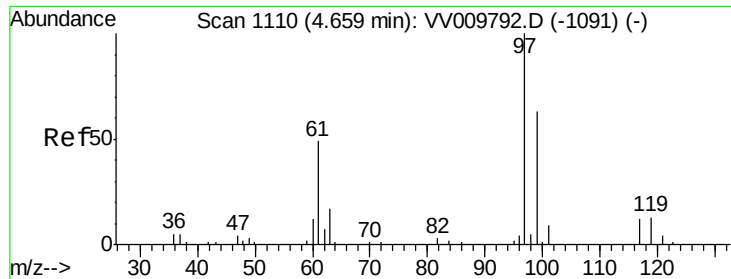
Tgt Ion: 83 Resp: 78878
Ion Ratio Lower Upper
83 100
85 64.7 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.193 ug/L
RT: 5.18 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VV009795.D
Acq: 21 Mar 2019 14:29

Tgt Ion: 62 Resp: 45280
Ion Ratio Lower Upper
62 100
98 9.7 7.4 11.0

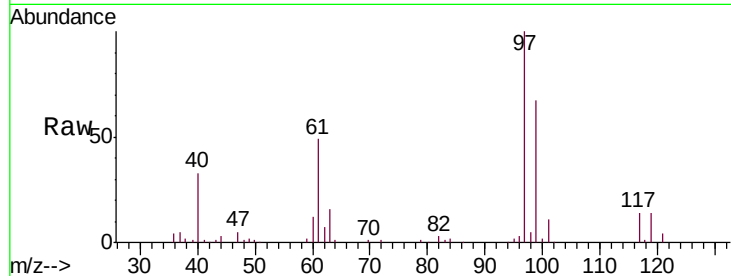




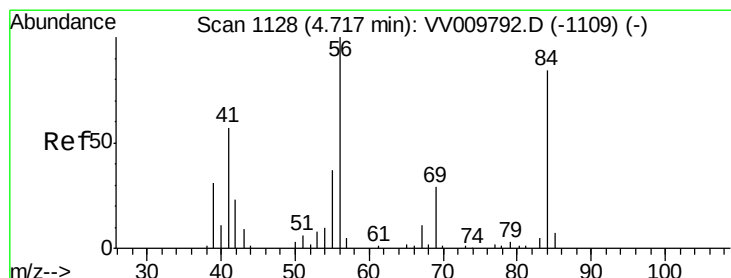
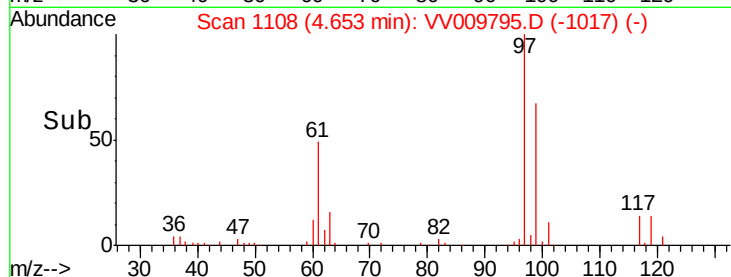
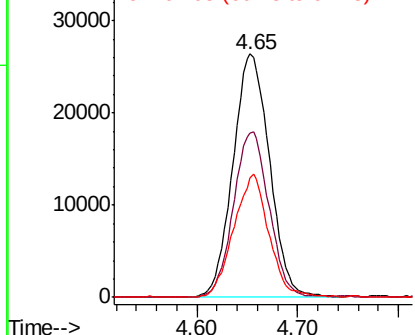
#29
1,1,1-Trichloroethane
Concen: 5.210 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VV009795.D
Acq: 21 Mar 2019 14:29

Instrument :
MSVOA_V
ClientSampleId :
VICV36

Tgt Ion: 97 Resp: 66495
Ion Ratio Lower Upper
97 100
99 66.3 50.8 76.2
61 48.7 35.0 52.6

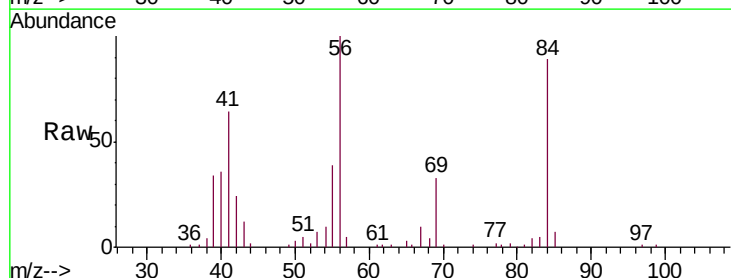


Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0

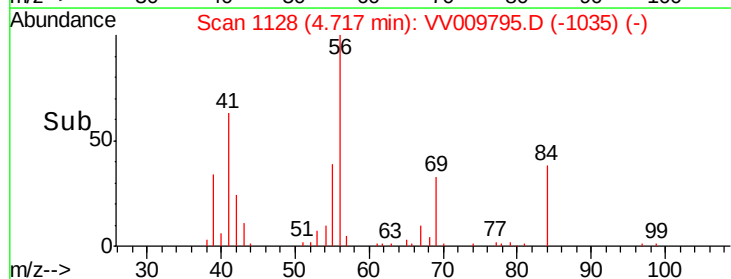
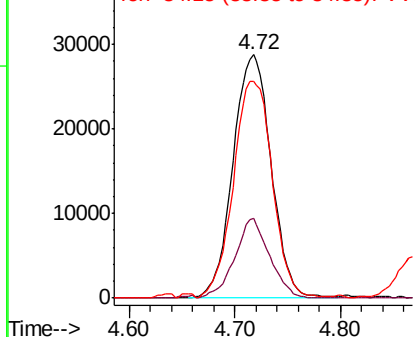


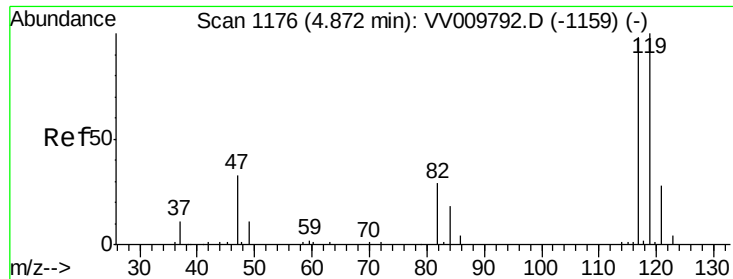
#30
Cyclohexane
Concen: 5.480 ug/L
RT: 4.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VV009795.D
Acq: 21 Mar 2019 14:29

Tgt Ion: 56 Resp: 72503
Ion Ratio Lower Upper
56 100
69 29.5 25.6 38.4
84 90.8 72.4 108.6



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: 5.451 ug/L

RT: 4.87 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VV009795.D

Acq: 21 Mar 2019 14:29

Instrument :

MSVOA_V

ClientSampleId :

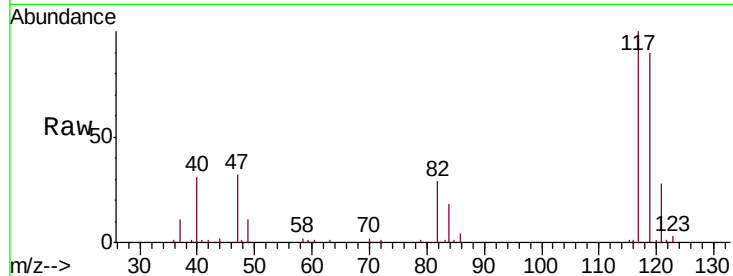
VICV36

Tgt Ion:117 Resp: 59907

Ion Ratio Lower Upper

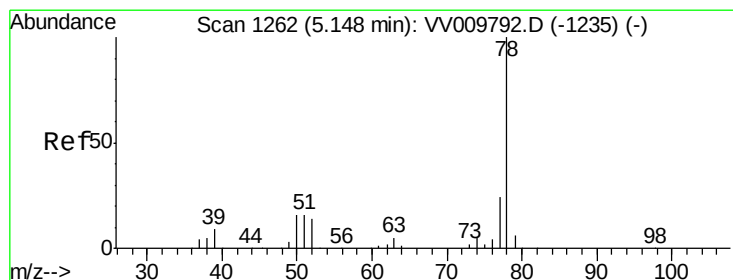
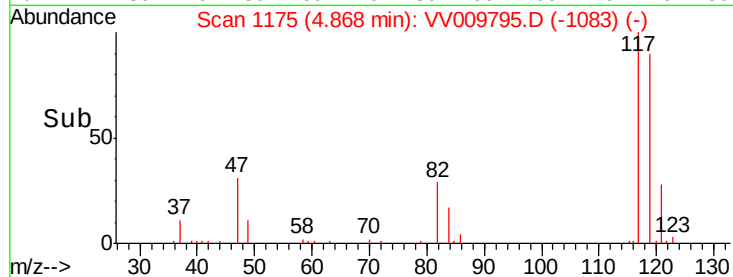
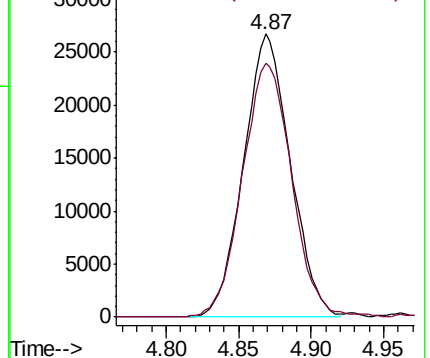
117 100

119 94.6 75.4 113.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.360 ug/L

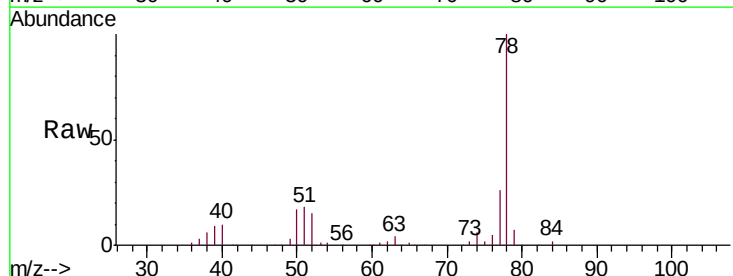
RT: 5.14 min Scan# 1261

Delta R.T. -0.00 min

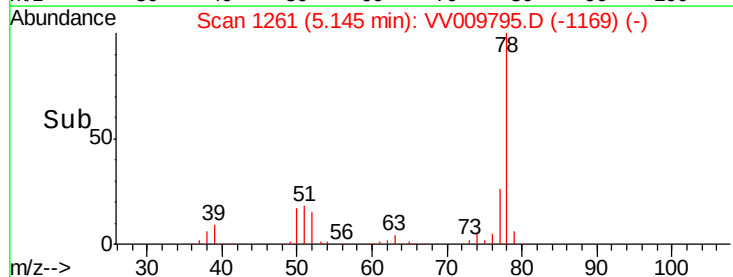
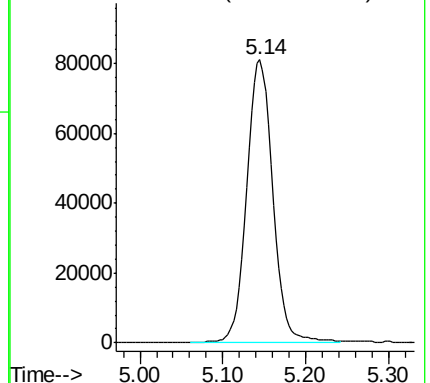
Lab File: VV009795.D

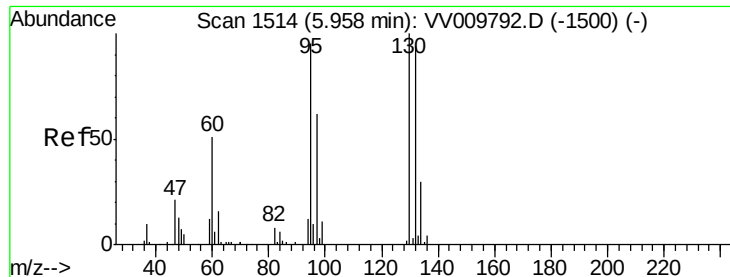
Acq: 21 Mar 2019 14:29

Tgt Ion: 78 Resp: 178031



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 5.689 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV009795.D

Acq: 21 Mar 2019 14:29

Instrument :

MSVOA_V

ClientSampleId :

VICV36

Tgt Ion: 95 Resp: 47800

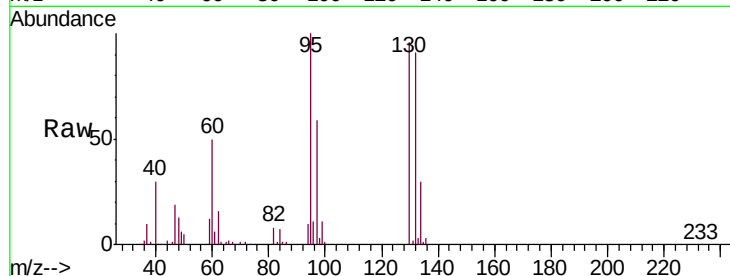
Ion Ratio Lower Upper

95 100

97 59.0 44.4 82.5

132 90.8 66.4 123.4

130 96.4 68.1 126.5



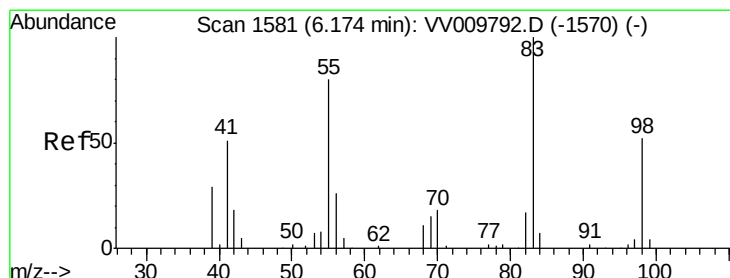
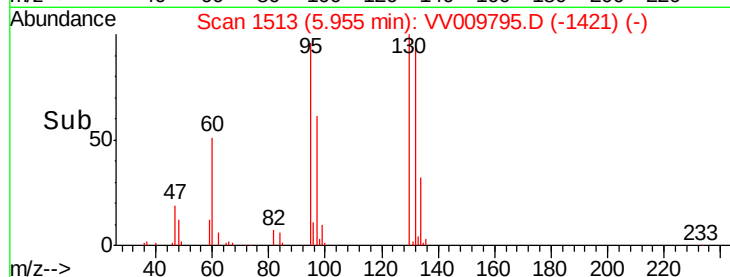
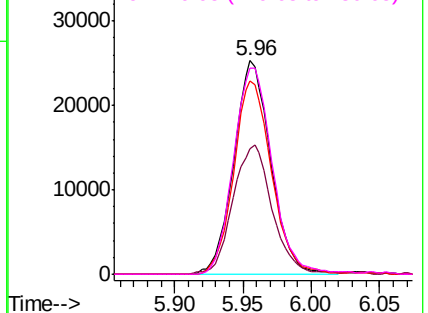
Abundance

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: 5.404 ug/L

RT: 6.17 min Scan# 1580

Delta R.T. -0.00 min

Lab File: VV009795.D

Acq: 21 Mar 2019 14:29

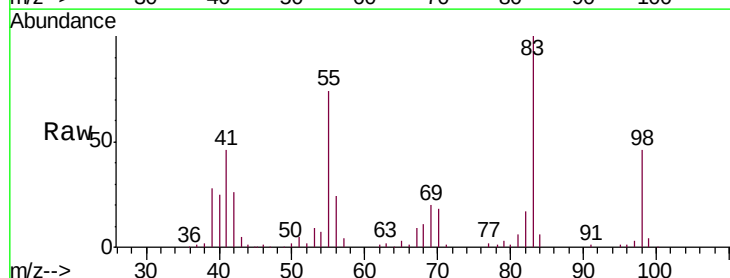
Tgt Ion: 83 Resp: 77709

Ion Ratio Lower Upper

83 100

55 77.7 57.4 86.2

98 48.9 38.9 58.3

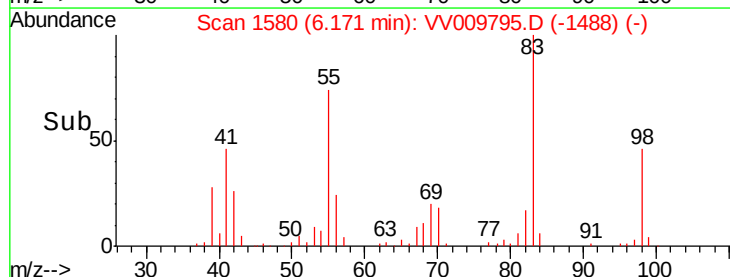
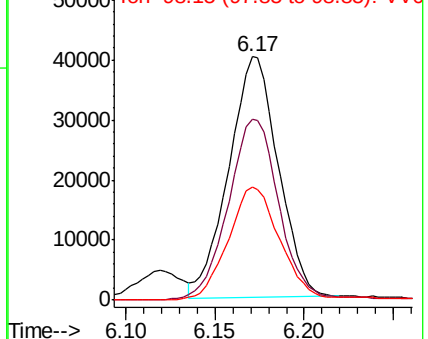


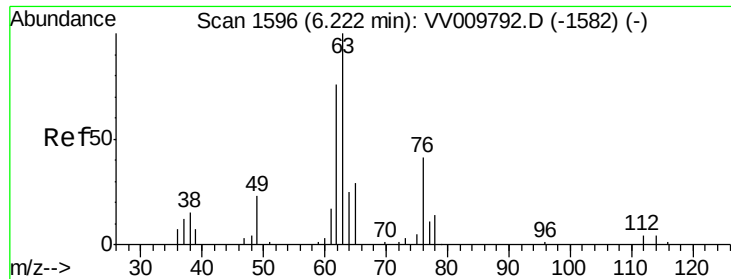
Abundance

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

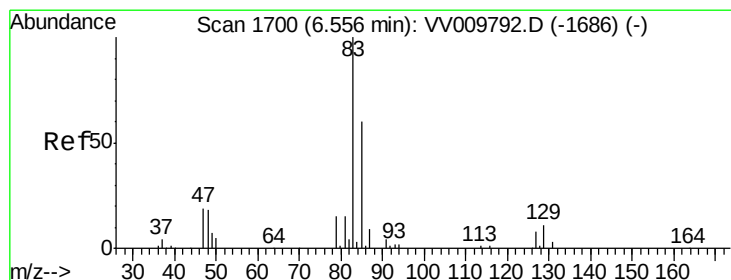
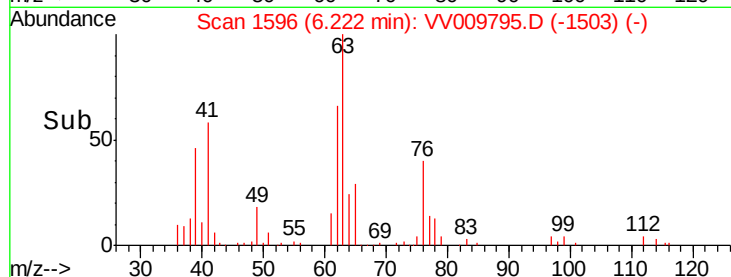
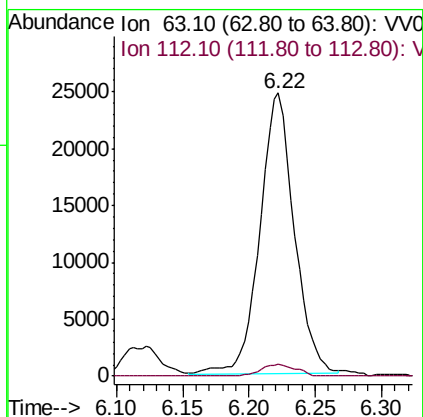
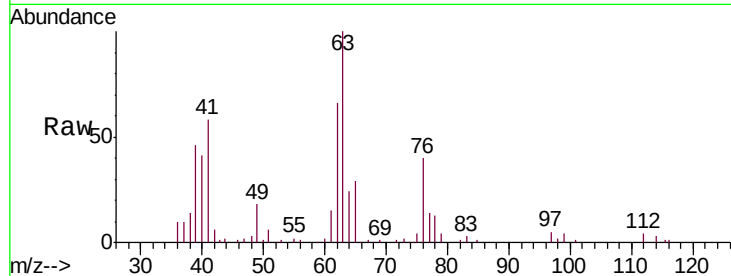




#37
 1,2-Dichloropropane
 Concen: 5.376 ug/L
 RT: 6.22 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: VV009795.D
 Acq: 21 Mar 2019 14:29

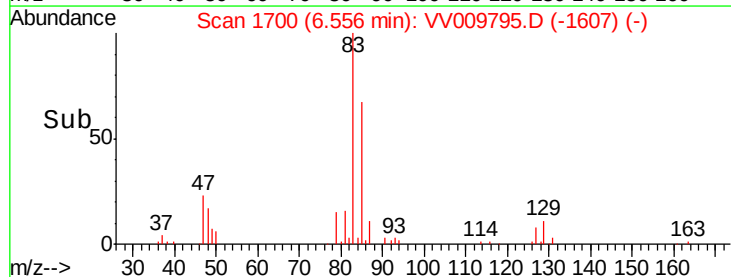
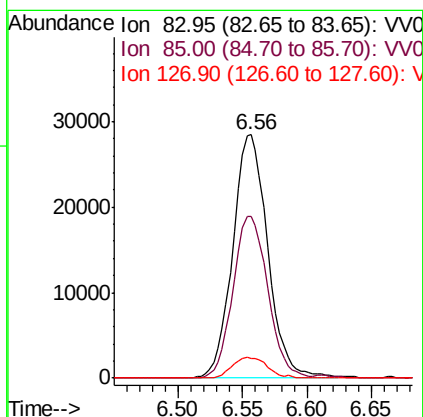
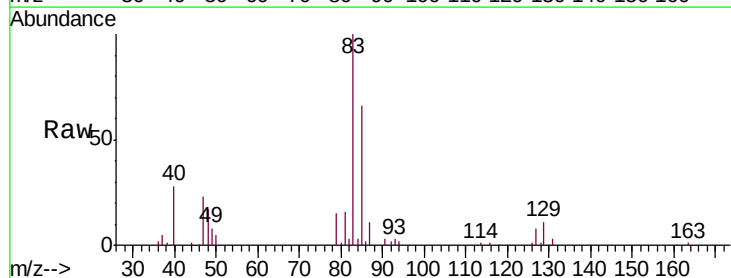
Instrument :
 MSVOA_V
 ClientSampled :
 VICV36

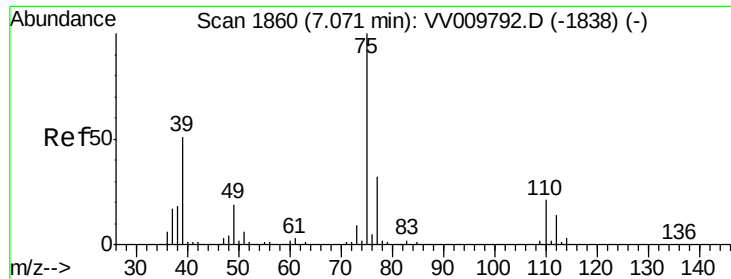
Tgt Ion: 63 Resp: 44629
 Ion Ratio Lower Upper
 63 100
 112 4.2 3.3 4.9



#38
 Bromodichloromethane
 Concen: 5.481 ug/L
 RT: 6.56 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VV009795.D
 Acq: 21 Mar 2019 14:29

Tgt Ion: 83 Resp: 53811
 Ion Ratio Lower Upper
 83 100
 85 66.4 42.8 79.4
 127 8.2 6.2 9.4

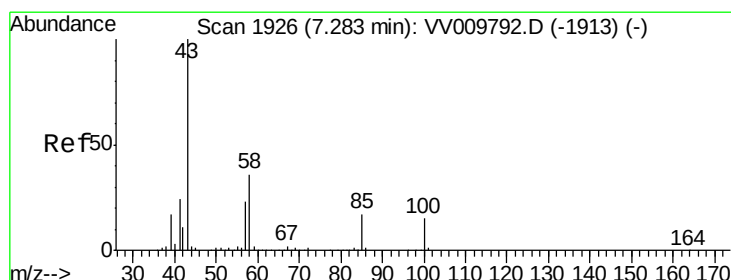
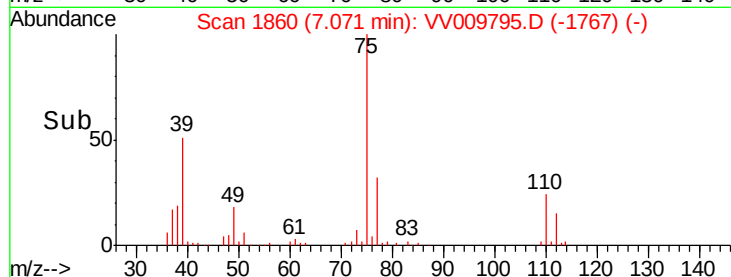
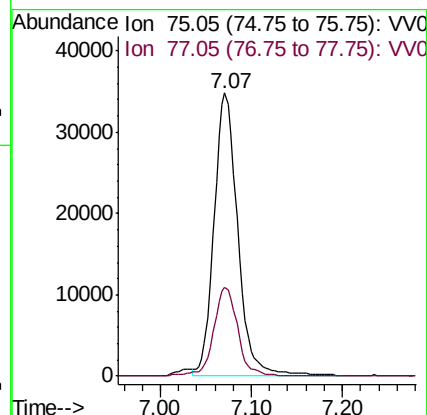
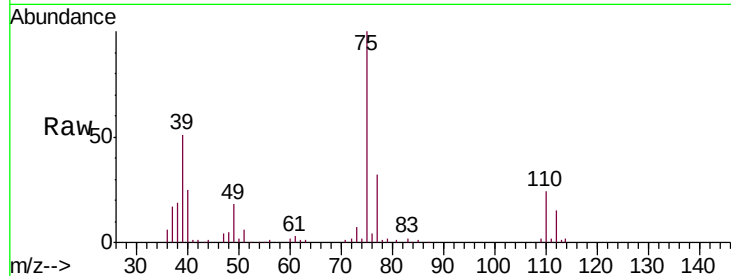




#39
 cis-1,3-Dichloropropene
 Concen: 5.667 ug/L
 RT: 7.07 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VV009795.D
 Acq: 21 Mar 2019 14:29

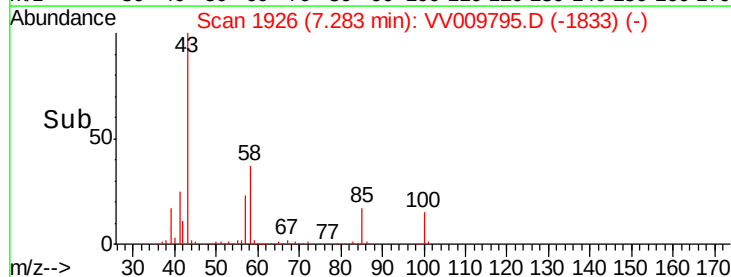
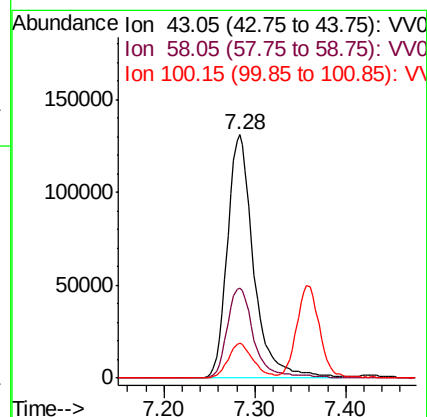
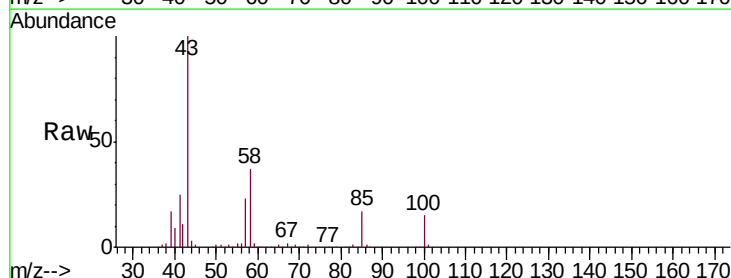
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV36

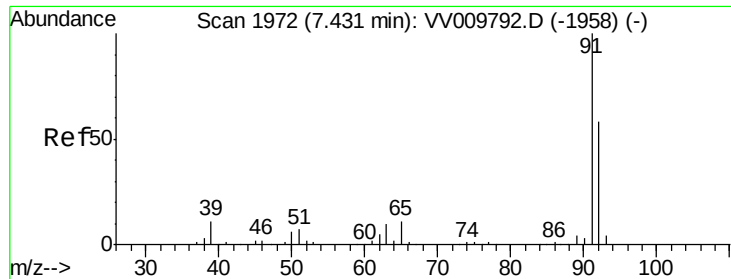
Tgt Ion: 75 Resp: 63648
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.1 44.8



#40
 4-Methyl-2-pentanone
 Concen: 54.282 ug/L
 RT: 7.28 min Scan# 1926
 Delta R.T. 0.00 min
 Lab File: VV009795.D
 Acq: 21 Mar 2019 14:29

Tgt Ion: 43 Resp: 263351
 Ion Ratio Lower Upper
 43 100
 58 37.9 32.3 48.5
 100 13.9 12.0 18.0





#42

Toluene

Concen: 5.510 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV009795.D

Acq: 21 Mar 2019 14:29

Instrument :

MSVOA_V

ClientSampled :

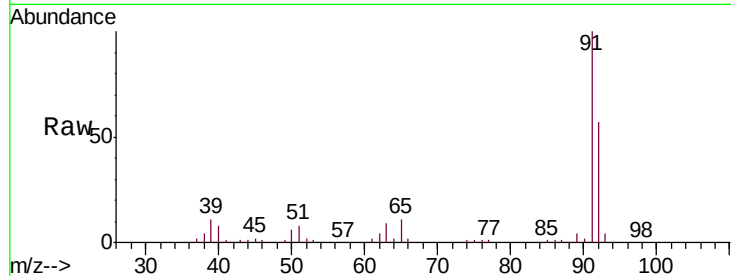
VICV36

Tgt Ion: 91 Resp: 207098

Ion Ratio Lower Upper

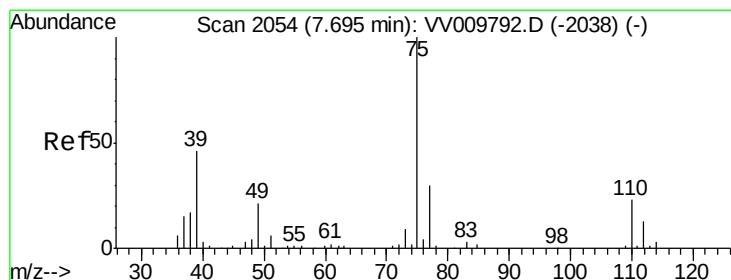
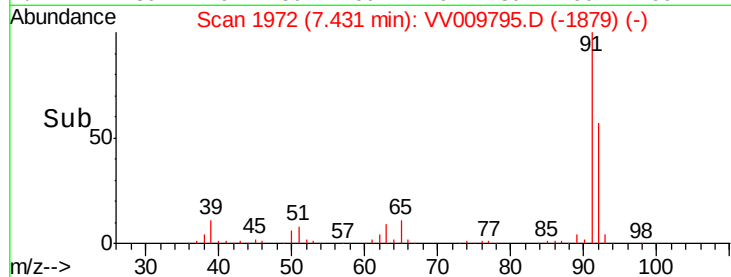
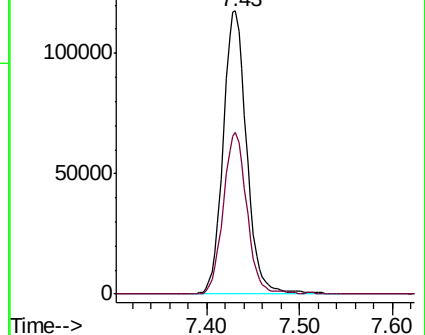
91 100

92 57.0 39.1 72.5



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 5.378 ug/L

RT: 7.69 min Scan# 2054

Delta R.T. 0.00 min

Lab File: VV009795.D

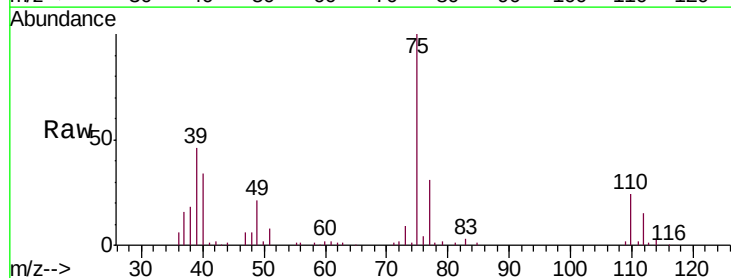
Acq: 21 Mar 2019 14:29

Tgt Ion: 75 Resp: 48293

Ion Ratio Lower Upper

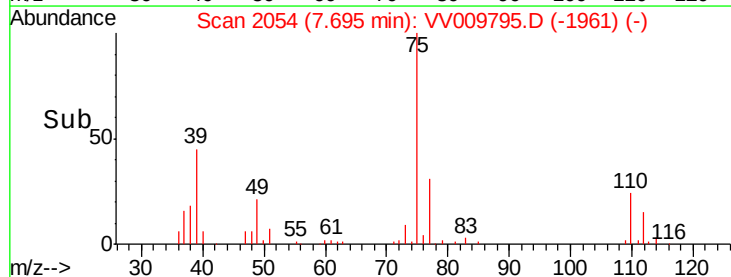
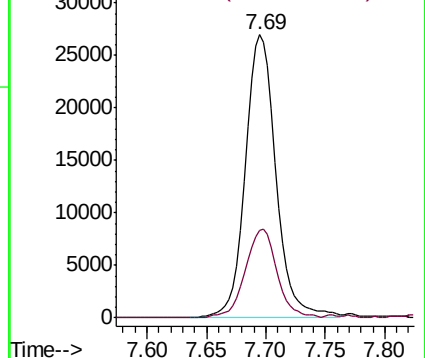
75 100

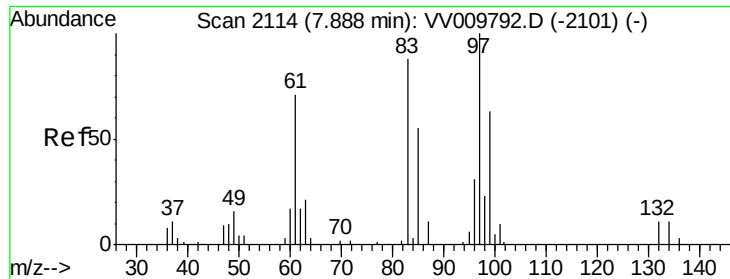
77 31.0 22.7 42.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#45

1,1,2-Trichloroethane

Concen: 5.202 ug/L

RT: 7.88 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VV009795.D

Acq: 21 Mar 2019 14:29

Instrument :

MSVOA_V

ClientSampleId :

VICV36

Tgt Ion: 97 Resp: 29403

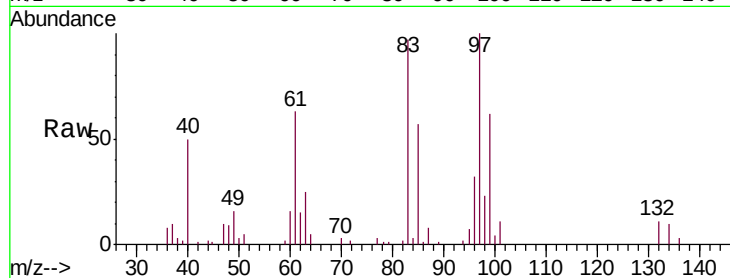
Ion Ratio Lower Upper

97 100

99 62.5 43.8 81.4

83 96.8 60.7 112.7

85 57.4 40.5 75.3

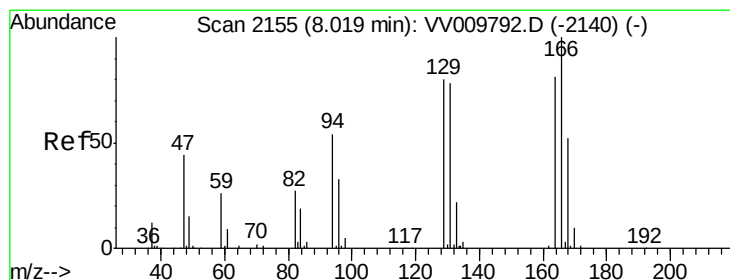
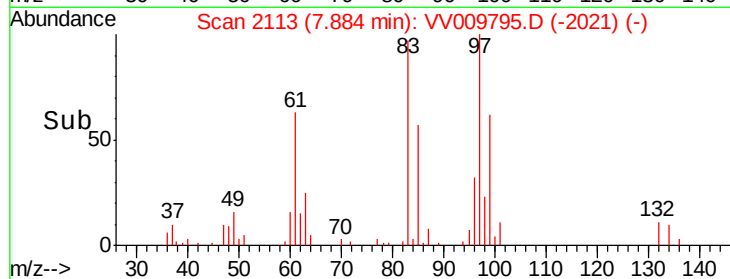
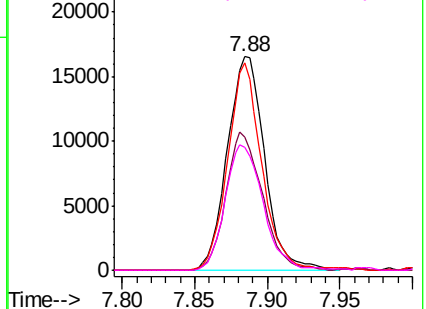


Abundance Ion 96.95 (96.65 to 97.65): VV0

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: 5.443 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV009795.D

Acq: 21 Mar 2019 14:29

Tgt Ion: 164 Resp: 39497

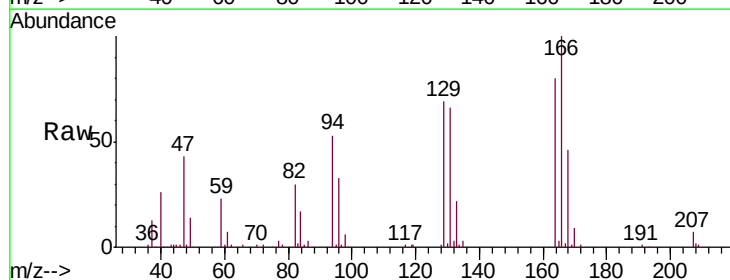
Ion Ratio Lower Upper

164 100

129 85.5 73.6 136.8

131 82.2 68.4 127.0

166 124.3 91.8 170.4

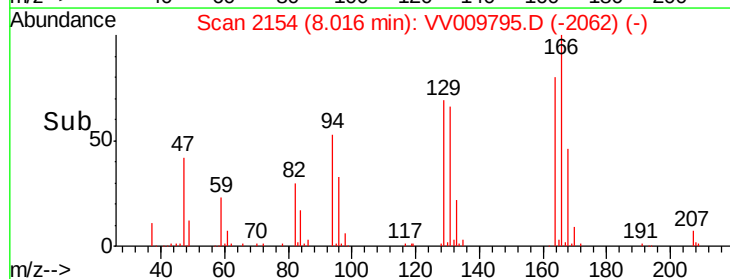
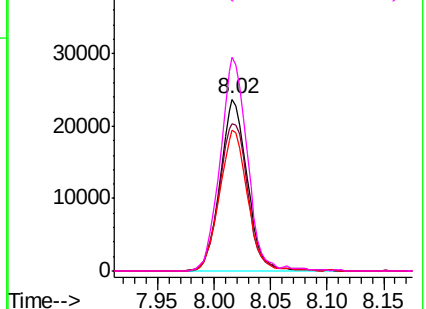


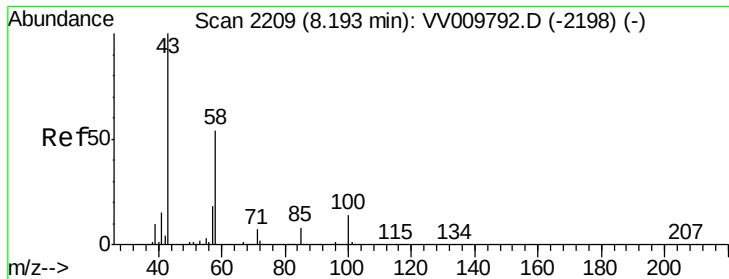
Abundance Ion 163.90 (163.60 to 164.60): V

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

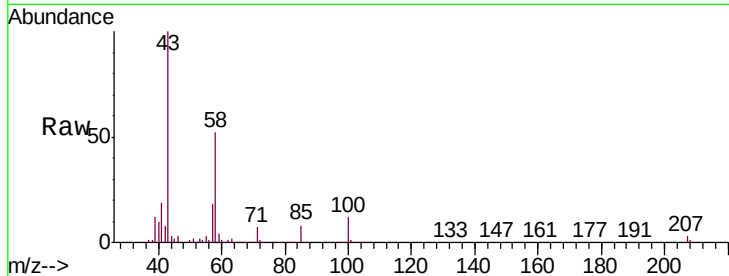




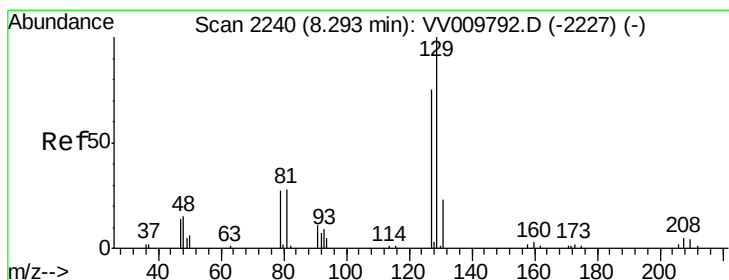
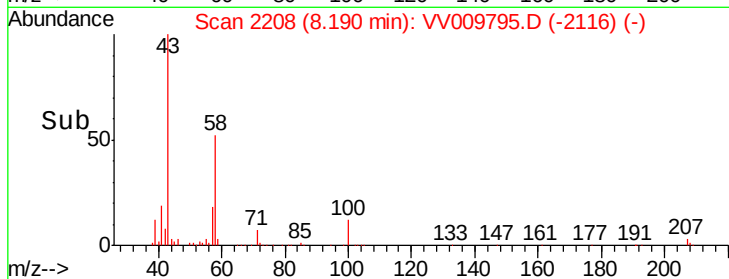
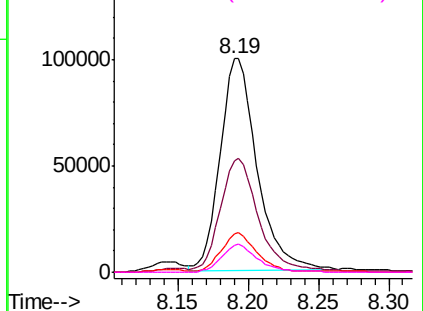
#48
2-Hexanone
Concen: 53.441 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VV009795.D
Acq: 21 Mar 2019 14:29

Instrument :
MSVOA_V
ClientSampleId :
VICV36

Tgt Ion:	43	Resp:	182409
Ion	Ratio	Lower	Upper
43	100		
58	55.1	43.4	65.0
57	17.8	15.0	22.4
100	13.0	9.6	14.4

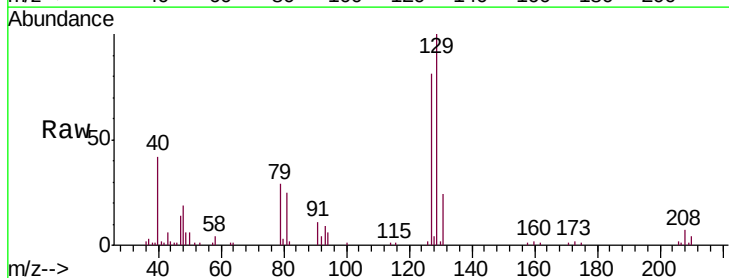


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

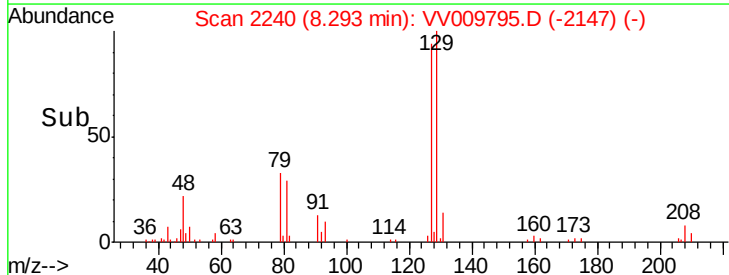
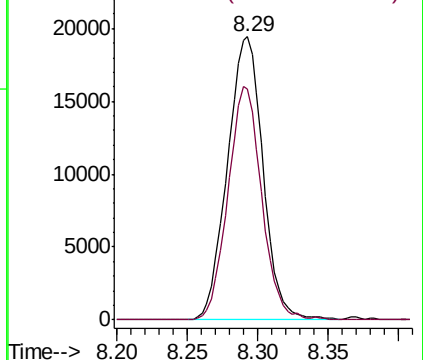


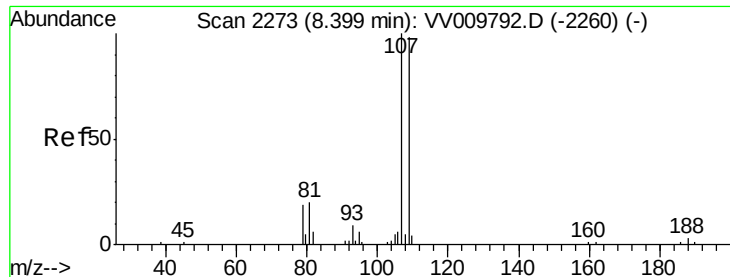
#49
Dibromochloromethane
Concen: 5.245 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VV009795.D
Acq: 21 Mar 2019 14:29

Tgt Ion:	129	Resp:	34267
Ion	Ratio	Lower	Upper
129	100		
127	81.4	52.4	97.4



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

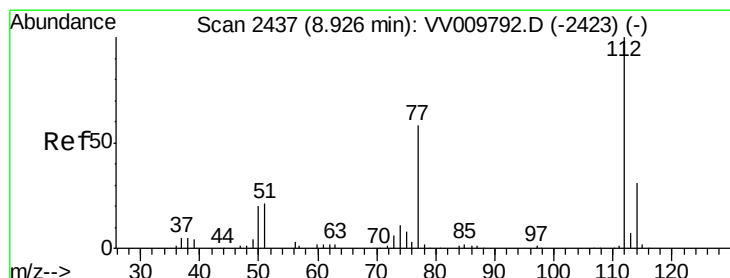
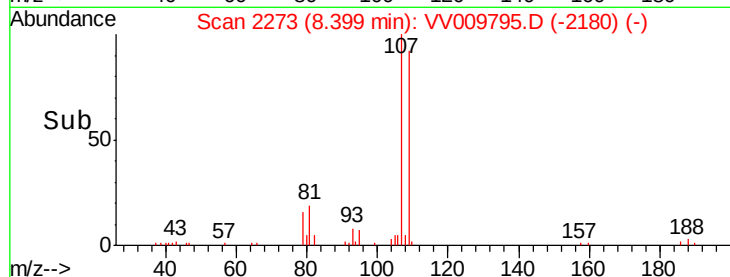
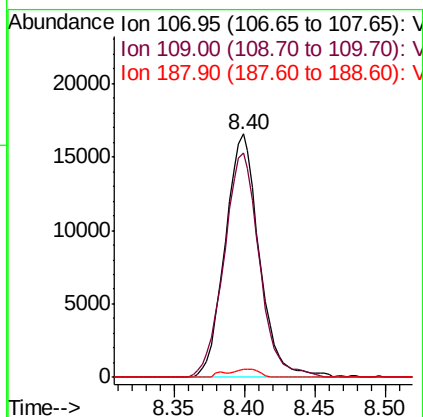
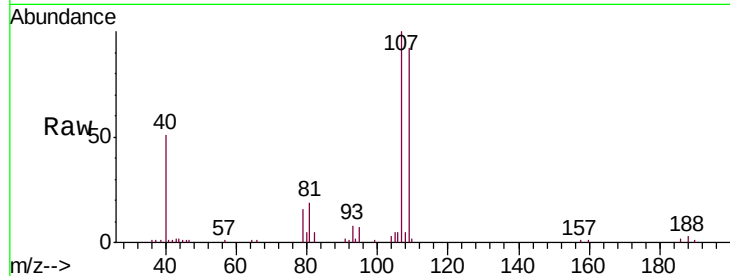




#50
1,2-Dibromoethane
Concen: 5.321 ug/L
RT: 8.40 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV009795.D
Acq: 21 Mar 2019 14:29

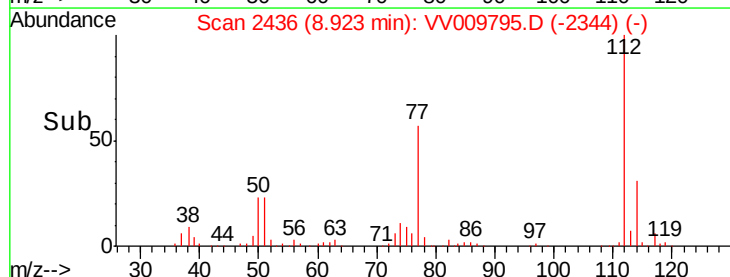
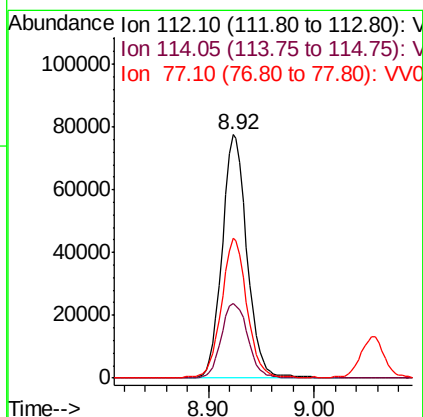
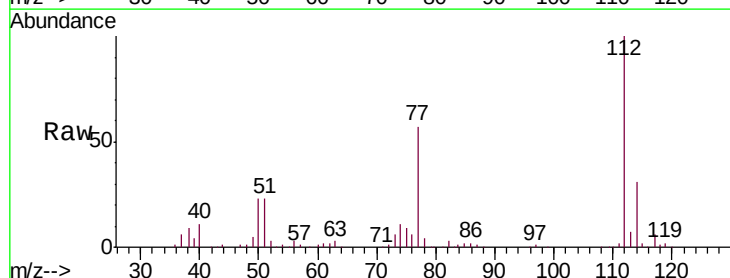
Instrument :
MSVOA_V
ClientSampleId :
VICV36

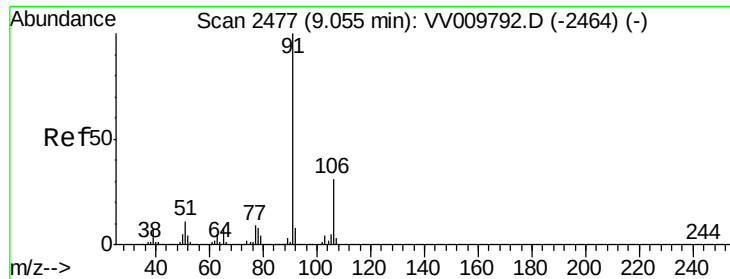
Tgt Ion:107 Resp: 28085
Ion Ratio Lower Upper
107 100
109 92.2 61.8 114.8
188 3.2 2.4 3.6



#51
Chlorobenzene
Concen: 5.255 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV009795.D
Acq: 21 Mar 2019 14:29

Tgt Ion:112 Resp: 126451
Ion Ratio Lower Upper
112 100
114 30.9 21.8 40.4
77 57.4 45.0 67.4





#52

Ethylbenzene

Concen: 5.454 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV009795.D

Acq: 21 Mar 2019 14:29

Instrument :

MSVOA_V

ClientSampleId :

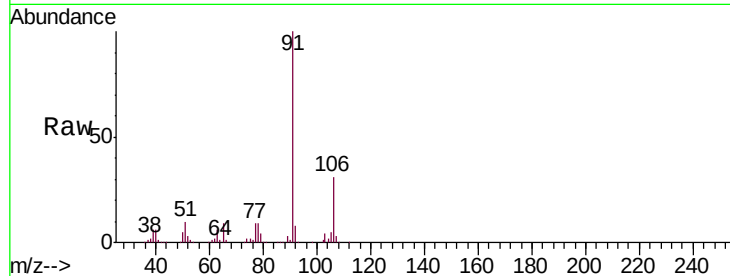
VICV36

Tgt Ion: 91 Resp: 225842

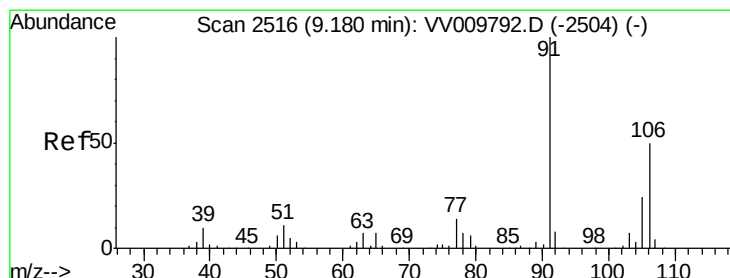
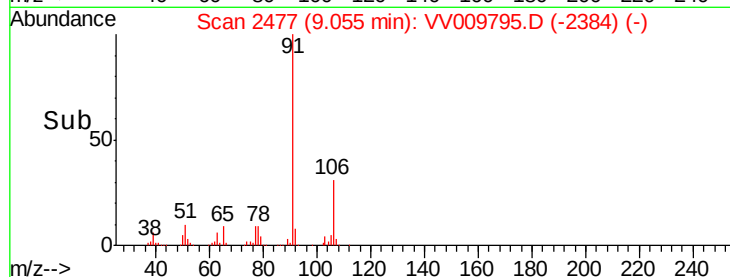
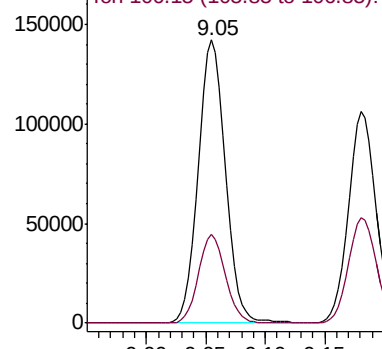
Ion Ratio Lower Upper

91 100

106 31.2 22.7 42.1



Abundance Ion 91.15 (90.85 to 91.85): VV009795.D (-2384) (-)



#53

m,p-xylene

Concen: 5.578 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV009795.D

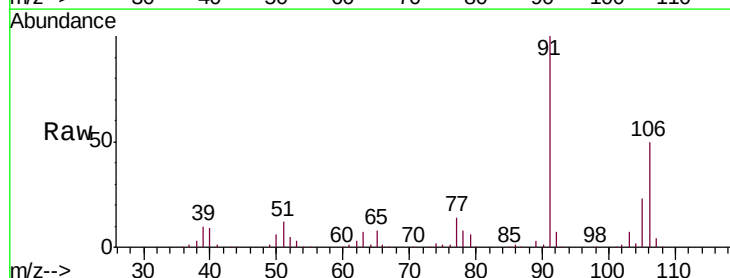
Acq: 21 Mar 2019 14:29

Tgt Ion: 106 Resp: 87771

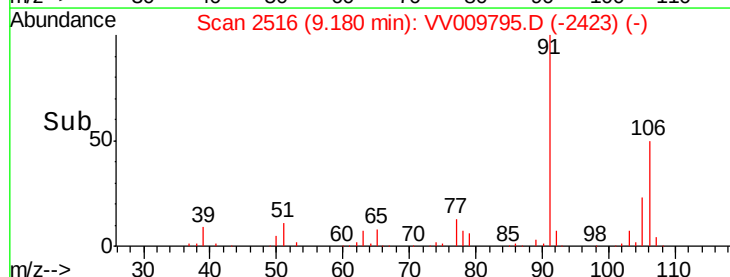
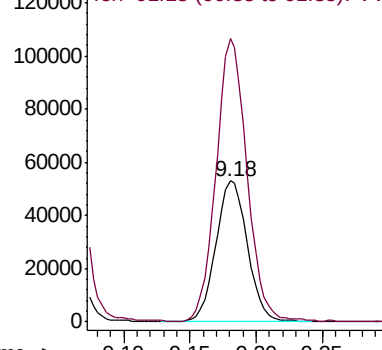
Ion Ratio Lower Upper

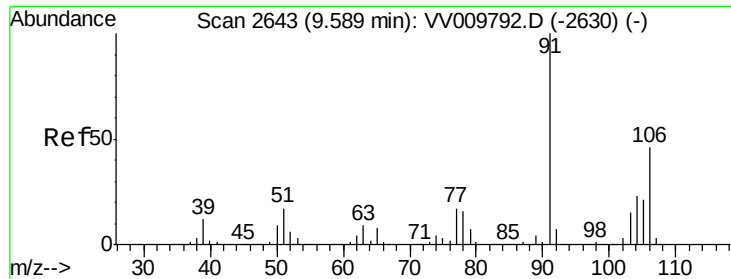
106 100

91 200.4 143.2 266.0



Abundance Ion 106.15 (105.85 to 106.85): VV009795.D (-2423) (-)

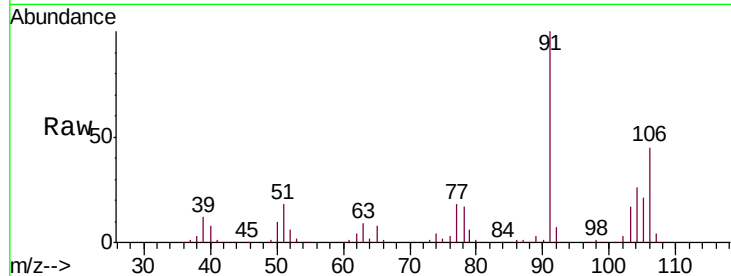




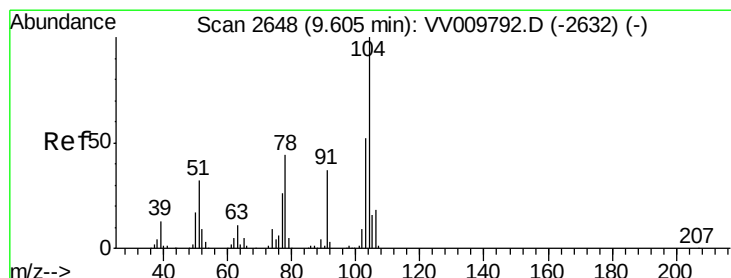
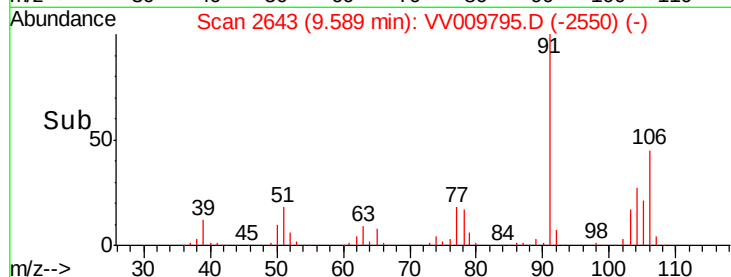
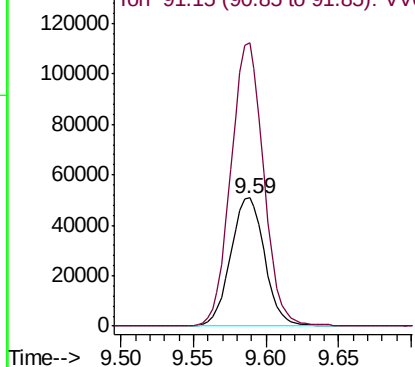
#54
o-xylene
Concen: 5.371 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV009795.D
Acq: 21 Mar 2019 14:29

Instrument :
MSVOA_V
ClientSampleId :
VICV36

Tgt Ion:106 Resp: 82563
Ion Ratio Lower Upper
106 100
91 220.8 152.9 283.9

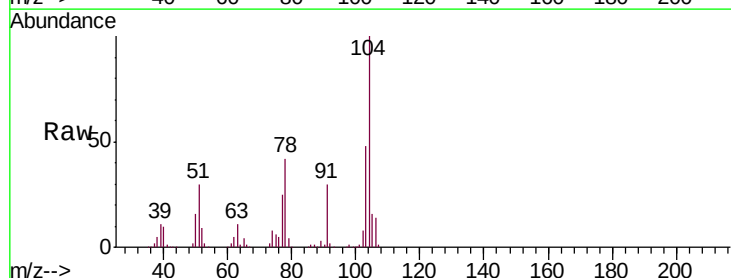


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

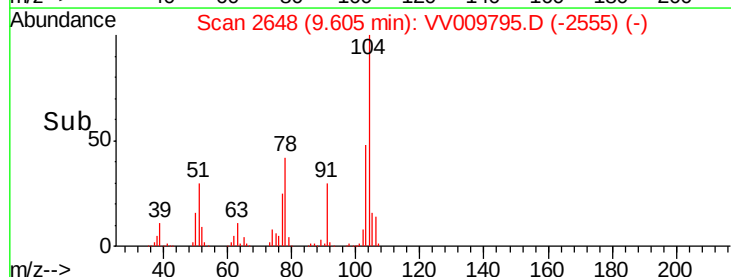
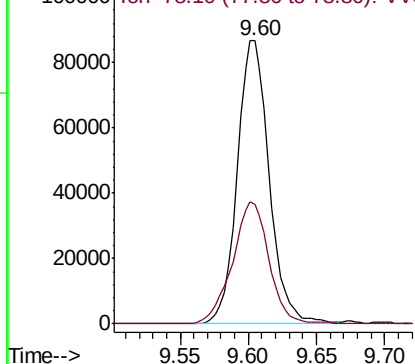


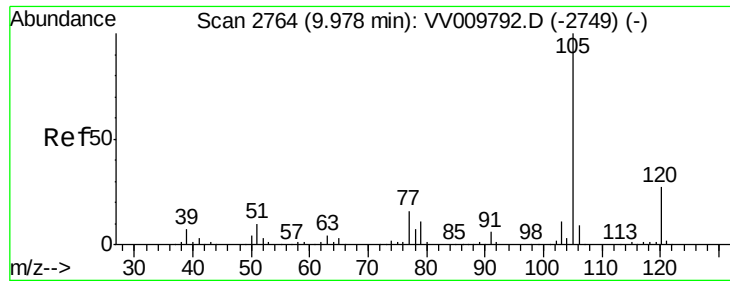
#55
Styrene
Concen: 5.646 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV009795.D
Acq: 21 Mar 2019 14:29

Tgt Ion:104 Resp: 141121
Ion Ratio Lower Upper
104 100
78 42.3 32.2 59.8



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





#56

Isopropylbenzene

Concen: 5.582 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. -0.00 min

Lab File: VV009795.D

Acq: 21 Mar 2019 14:29

Instrument :

MSVOA_V

ClientSampleId :

VICV36

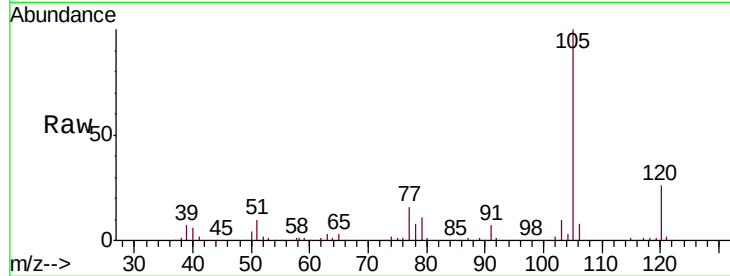
Tgt Ion: 105 Resp: 226547

Ion Ratio Lower Upper

105 100

120 25.7 21.4 32.2

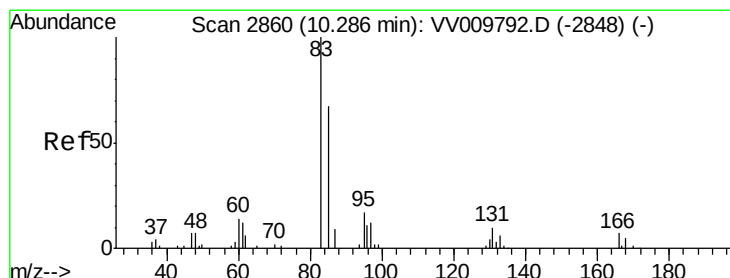
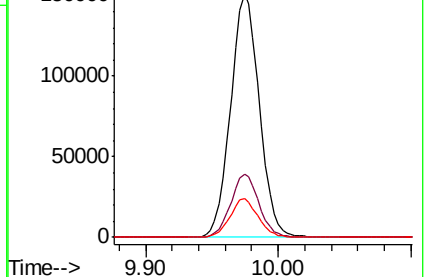
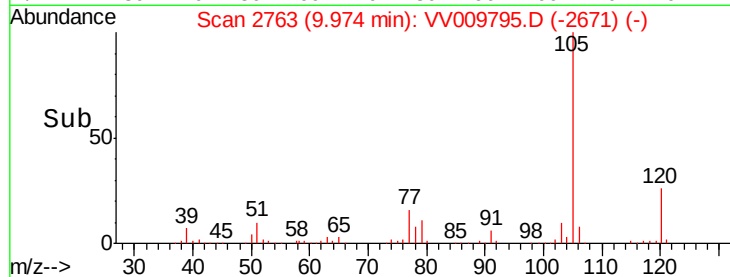
77 15.8 12.6 19.0



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: 5.384 ug/L

RT: 10.29 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VV009795.D

Acq: 21 Mar 2019 14:29

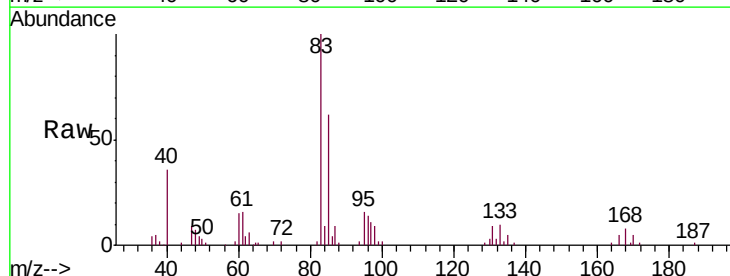
Tgt Ion: 83 Resp: 37696

Ion Ratio Lower Upper

83 100

85 62.1 45.8 85.2

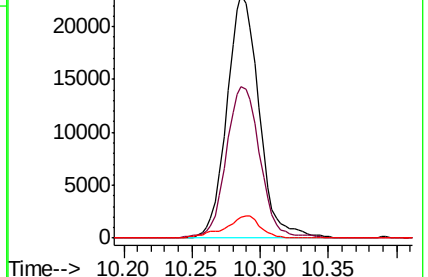
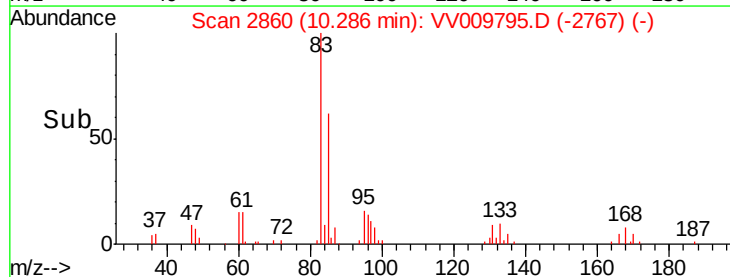
131 8.6 9.0 13.4#

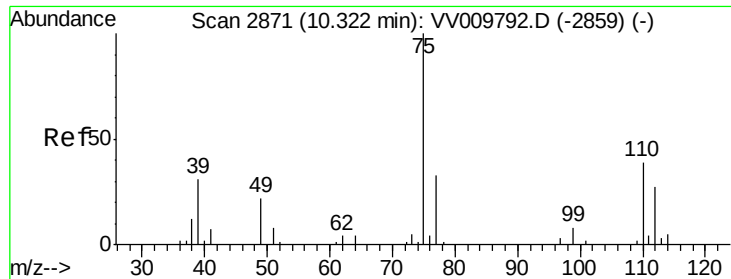


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V

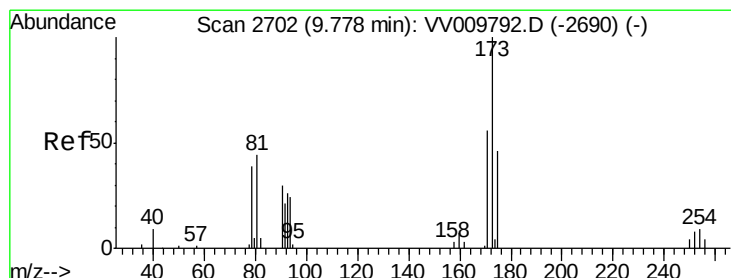
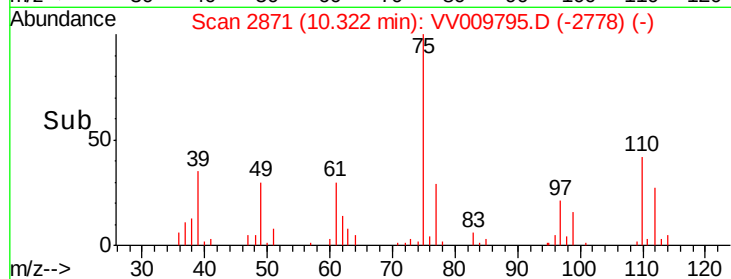
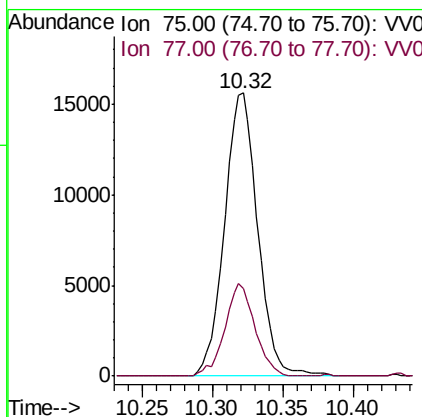
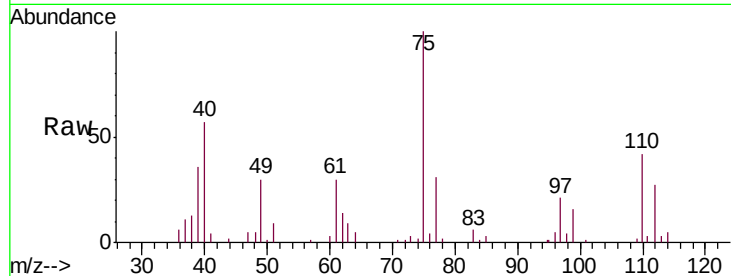




#59
 1,2,3-Trichloropropane
 Concen: 5.312 ug/L
 RT: 10.32 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VV009795.D
 Acq: 21 Mar 2019 14:29

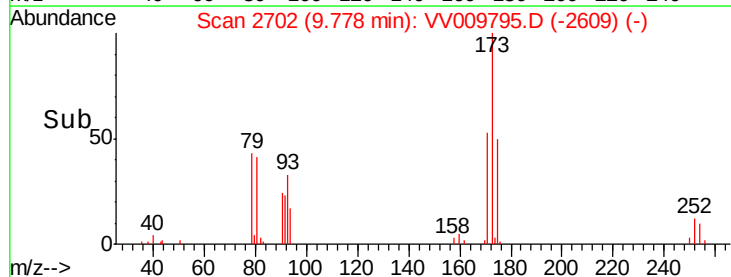
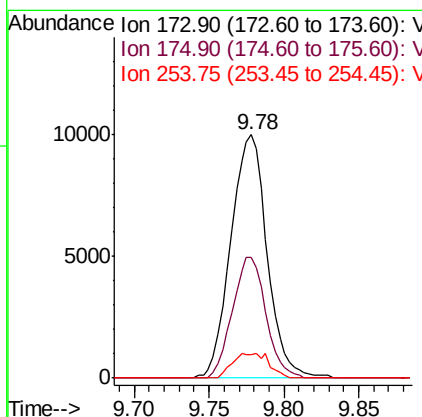
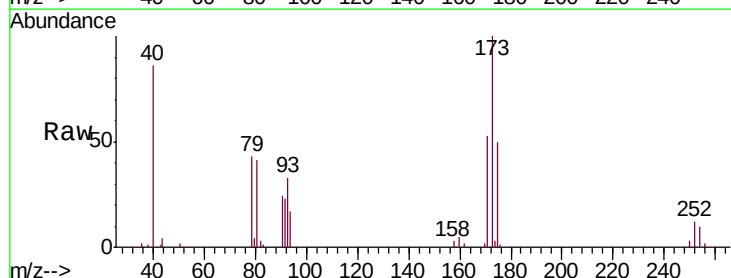
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV36

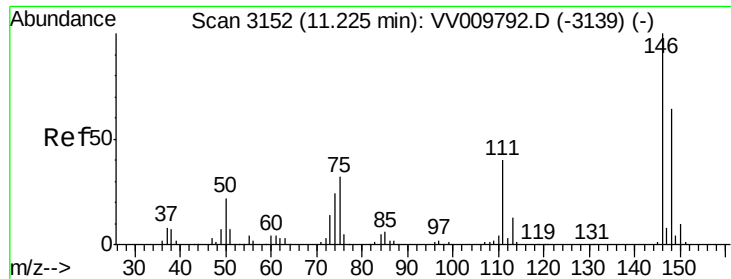
Tgt Ion: 75 Resp: 25621
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.7 38.5



#61
 Bromoform
 Concen: 5.504 ug/L
 RT: 9.78 min Scan# 2702
 Delta R.T. 0.00 min
 Lab File: VV009795.D
 Acq: 21 Mar 2019 14:29

Tgt Ion: 173 Resp: 16865
 Ion Ratio Lower Upper
 173 100
 175 45.8 40.0 60.0
 254 10.1 6.2 9.2#





#62

1,3-Dichlorobenzene

Concen: 5.306 ug/L

RT: 11.23 min Scan# 3152

Delta R.T. 0.00 min

Lab File: VV009795.D

Acq: 21 Mar 2019 14:29

Instrument :

MSVOA_V

ClientSampleId :

VICV36

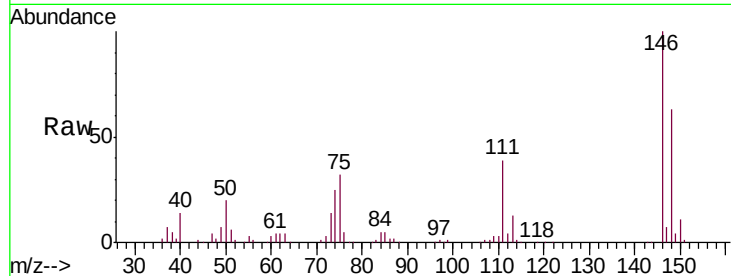
Tgt Ion:146 Resp: 97822

Ion Ratio Lower Upper

146 100

111 39.2 29.7 55.1

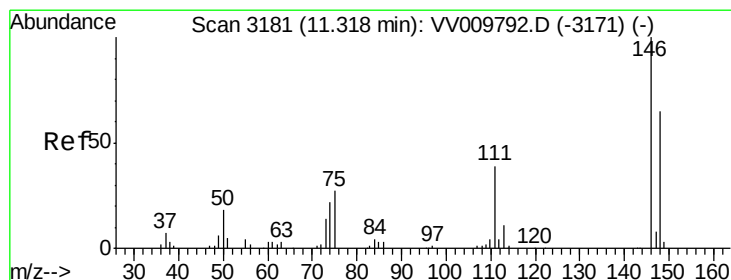
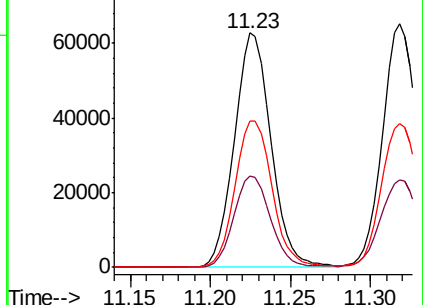
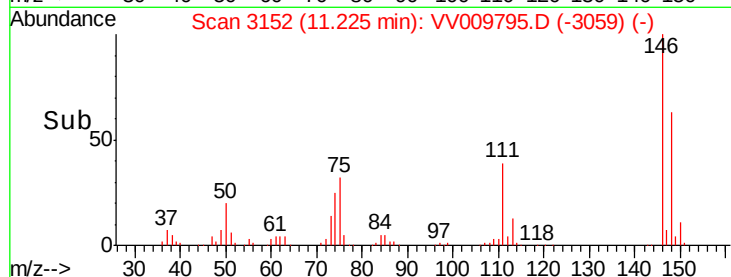
148 62.5 44.2 82.0



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



#63

1,4-Dichlorobenzene

Concen: 5.480 ug/L

RT: 11.32 min Scan# 3181

Delta R.T. 0.00 min

Lab File: VV009795.D

Acq: 21 Mar 2019 14:29

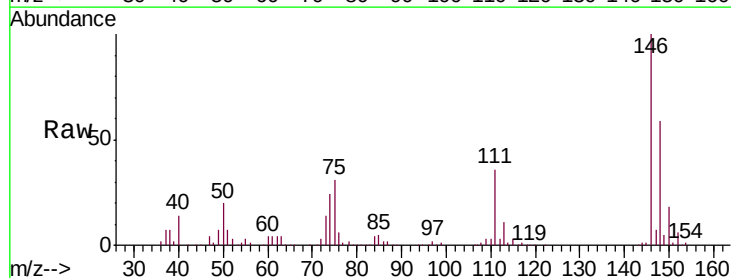
Tgt Ion:146 Resp: 102233

Ion Ratio Lower Upper

146 100

111 36.1 27.4 51.0

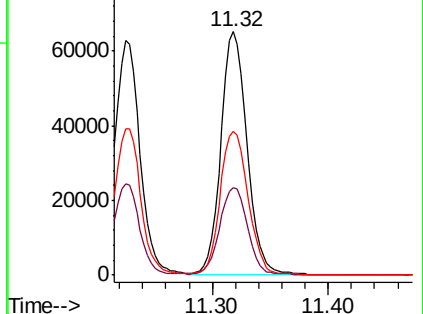
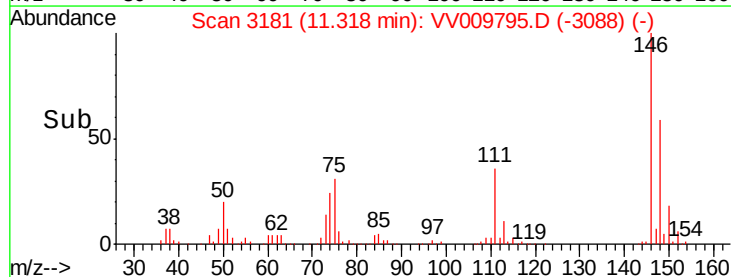
148 59.2 43.6 81.0

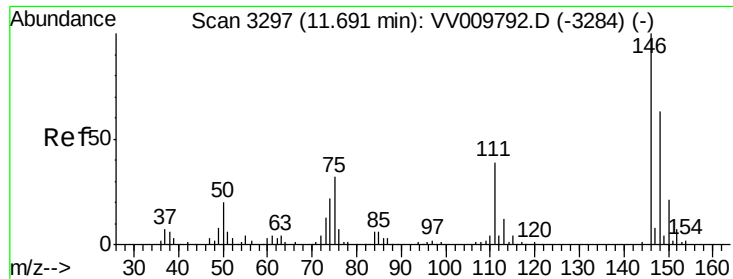


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

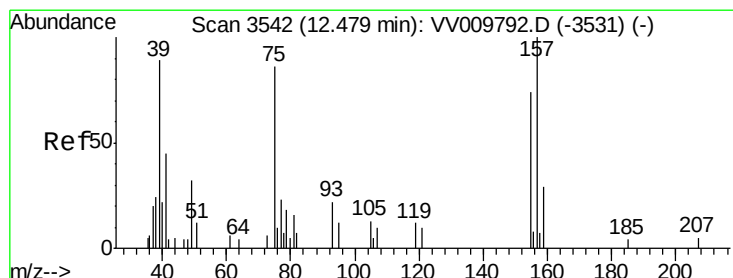
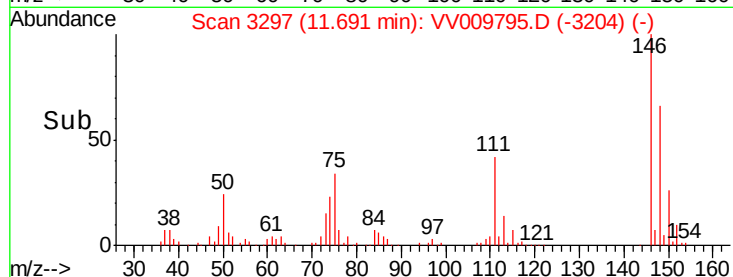
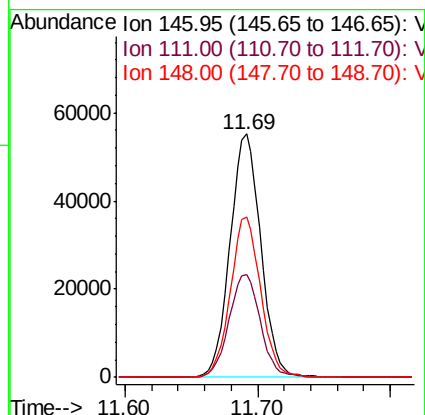
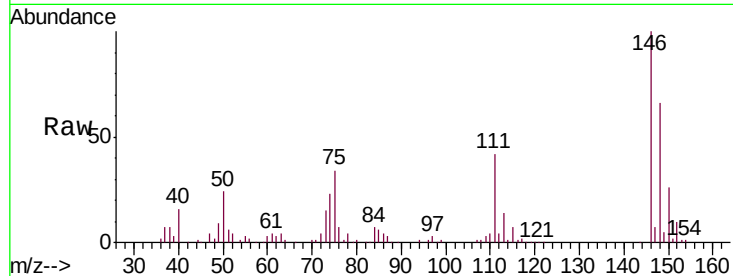




#65
 1,2-Dichlorobenzene
 Concen: 5.122 ug/L
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VV009795.D
 Acq: 21 Mar 2019 14:29

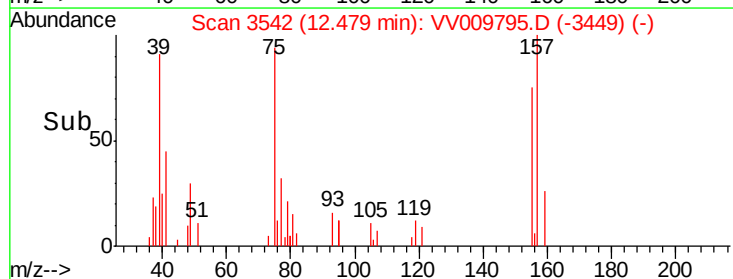
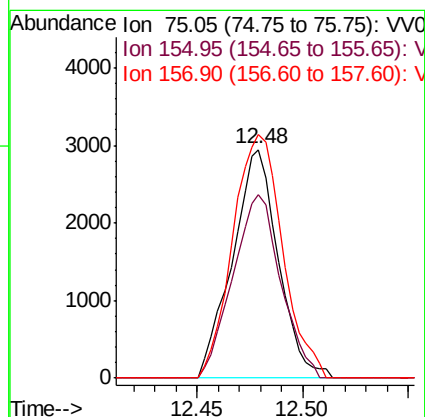
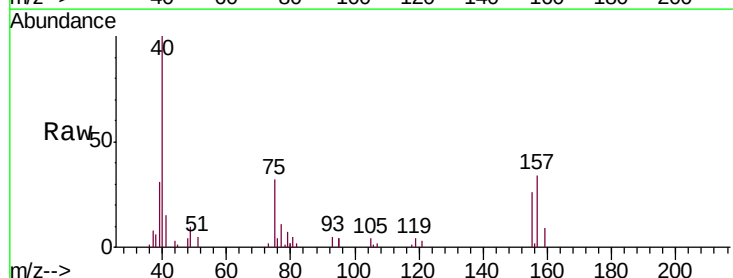
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV36

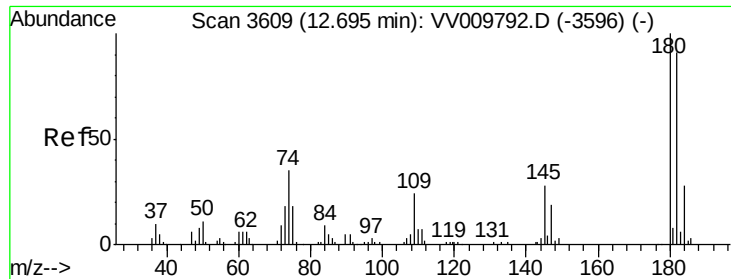
Tgt Ion:146 Resp: 88888
 Ion Ratio Lower Upper
 146 100
 111 42.0 34.7 52.1
 148 65.8 50.6 76.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.790 ug/L
 RT: 12.48 min Scan# 3542
 Delta R.T. 0.00 min
 Lab File: VV009795.D
 Acq: 21 Mar 2019 14:29

Tgt Ion: 75 Resp: 4445
 Ion Ratio Lower Upper
 75 100
 155 80.2 73.5 110.3
 157 106.5 88.3 132.5

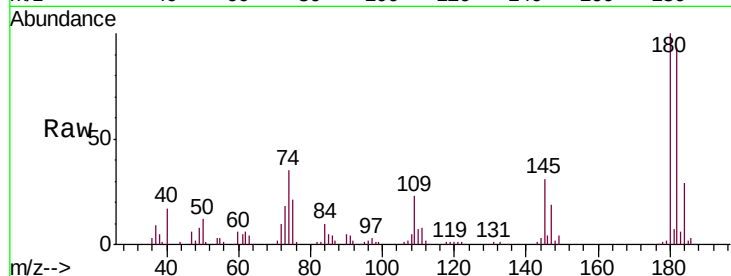




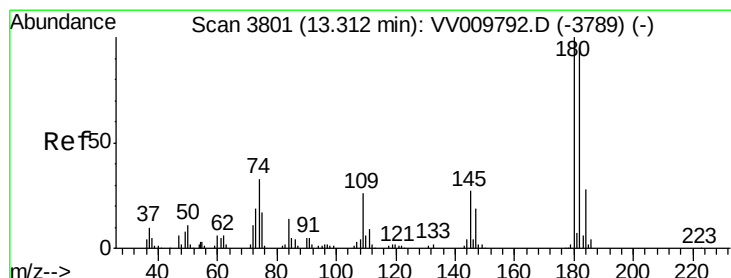
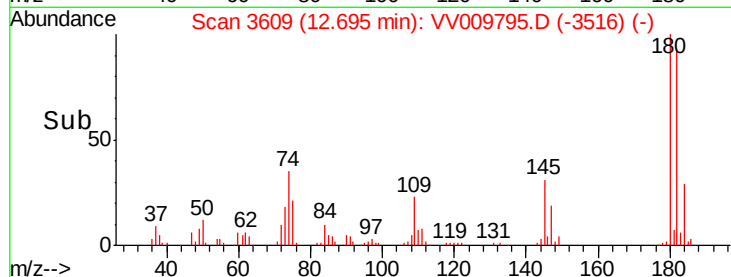
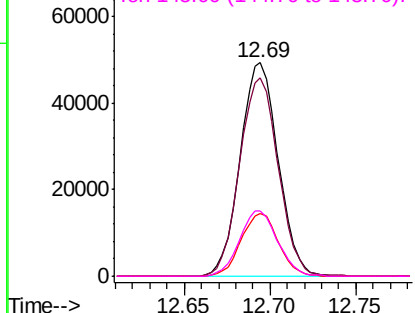
#67
 1,3,5-Trichlorobenzene
 Concen: 5.431 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.00 min
 Lab File: VV009795.D
 Acq: 21 Mar 2019 14:29

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV36

Tgt Ion:	180	Resp:	75812
Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.0	112.6
184	29.0	23.9	35.9
145	30.8	25.3	37.9

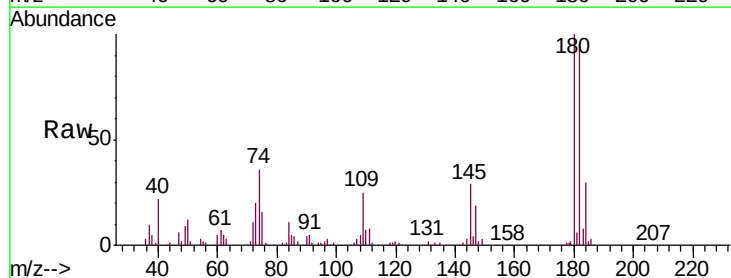


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

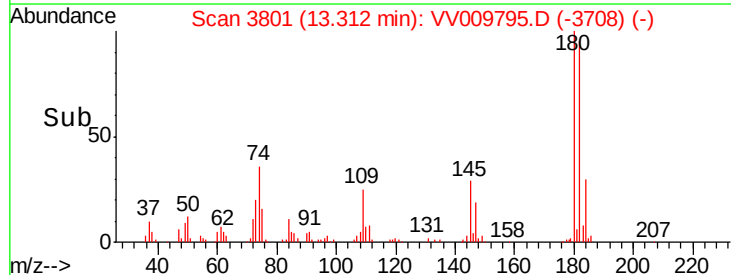
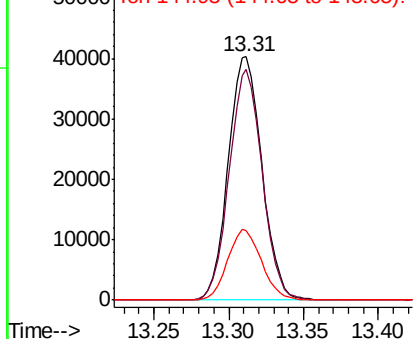


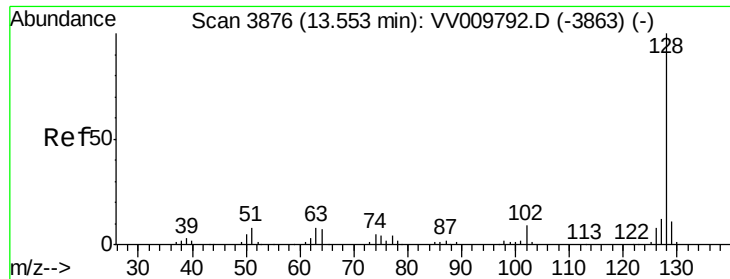
#68
 1,2,4-trichlorobenzene
 Concen: 6.045 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV009795.D
 Acq: 21 Mar 2019 14:29

Tgt Ion:	180	Resp:	63257
Ion	Ratio	Lower	Upper
180	100		
182	92.5	75.2	112.8
145	29.0	26.6	39.8



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: 5.910 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV009795.D

Acq: 21 Mar 2019 14:29

Instrument :

MSVOA_V

ClientSampleId :

VICV36

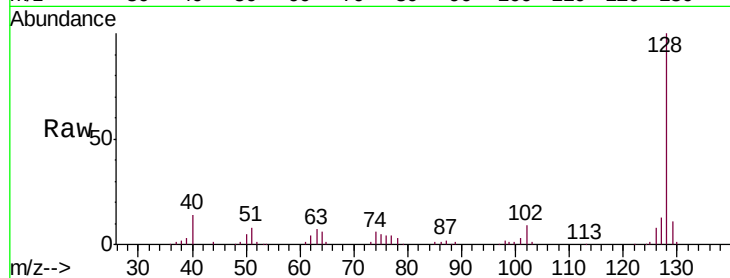
Tgt Ion:128 Resp: 97094

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

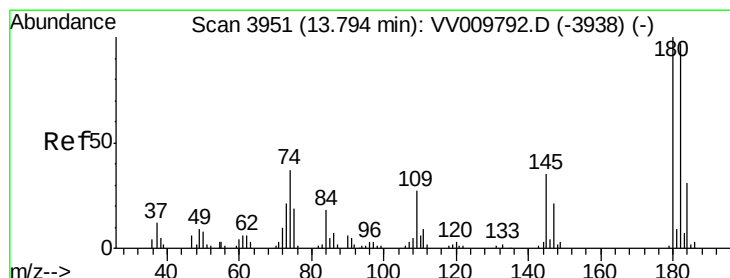
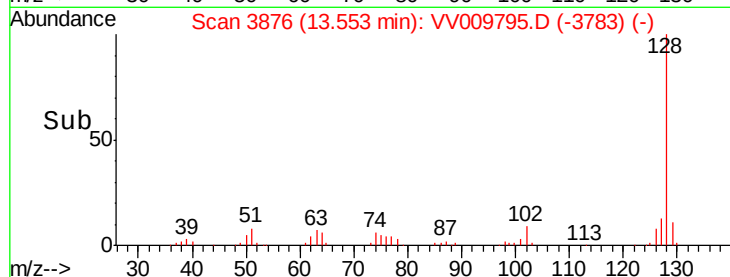
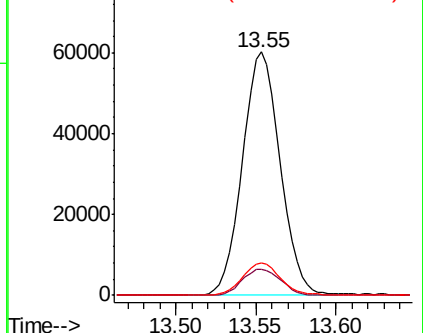
127 13.5 10.4 15.6



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: 5.791 ug/L

RT: 13.79 min Scan# 3951

Delta R.T. 0.00 min

Lab File: VV009795.D

Acq: 21 Mar 2019 14:29

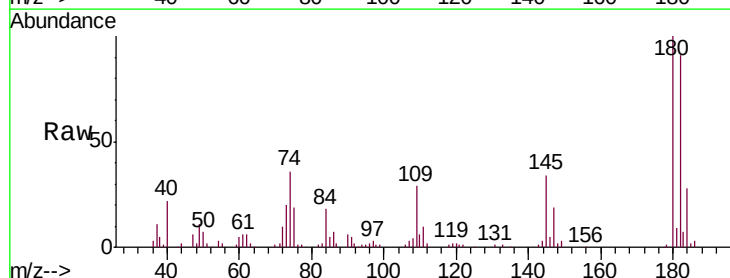
Tgt Ion:180 Resp: 56246

Ion Ratio Lower Upper

180 100

182 92.8 76.8 115.2

145 34.3 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

