

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040822\
 Data File : VV025409.D
 Acq On : 08 Apr 2022 14:44
 Operator : SY/MD
 Sample : VV0408WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 09 04:47:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:40:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

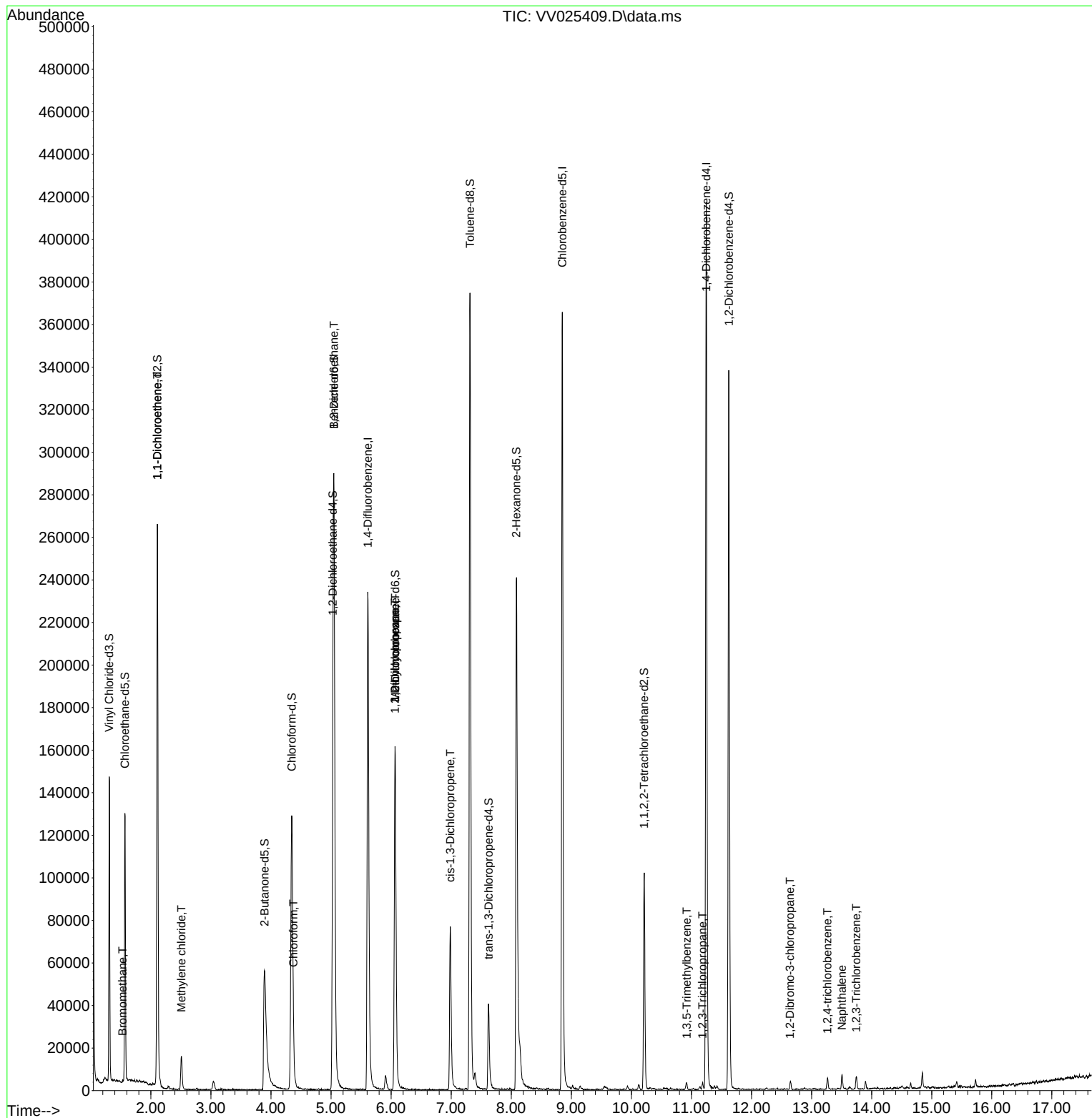
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	212927	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	205351	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	106256	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	89626	4.527	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.568	69	81283	3.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.108	63	138383	3.490	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	3.892	46	111576	46.336	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.680%
24) Chloroform-d	4.346	84	134516	4.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.030	65	60950	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.047	84	278189	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.066	67	79122	4.775	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.313	98	254339	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.622	79	24924	4.475	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.085	63	89867	45.974	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.940%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48187	4.603	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	85334	4.790	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						Qvalue
6) Bromomethane	1.529	94	698	0.041	ug/L	94
12) 1,1-Dichloroethene	2.108	96	1552	0.084	ug/L #	1
16) Methylene chloride	2.510	84	6817	0.381	ug/L	91
25) Chloroform	4.375	83	2712	0.098	ug/L	85
27) 1,2-Dichloroethane	5.047	62	1392	0.095	ug/L #	71
35) Methylcyclohexane	6.066	83	19728	0.768	ug/L #	22
37) 1,2-Dichloropropane	6.063	63	8658	0.617	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	2024	0.110	ug/L #	49
61) 1,2,3-Trichloropropane	11.185	75	425	0.061	ug/L #	51
62) 1,3,5-Trimethylbenzene	10.921	105	1641	0.056	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.641	75	194	0.160	ug/L #	2
70) 1,2,4-trichlorobenzene	13.265	180	1968	0.109	ug/L	91
71) Naphthalene	13.506	128	5791	0.219	ug/L	96
72) 1,2,3-Trichlorobenzene	13.744	180	1936	0.130	ug/L	96

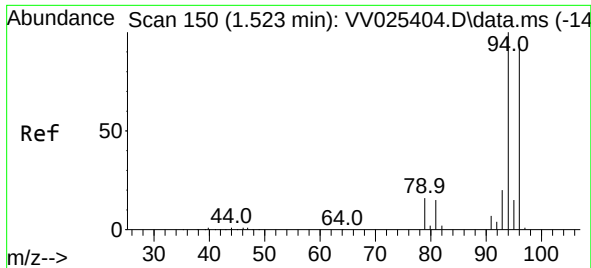
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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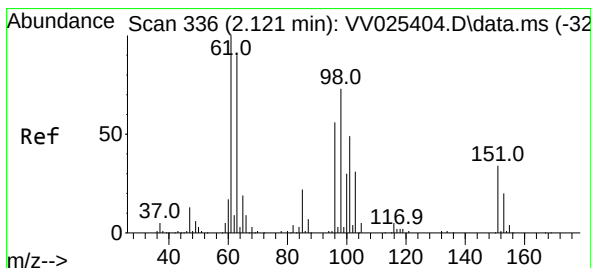
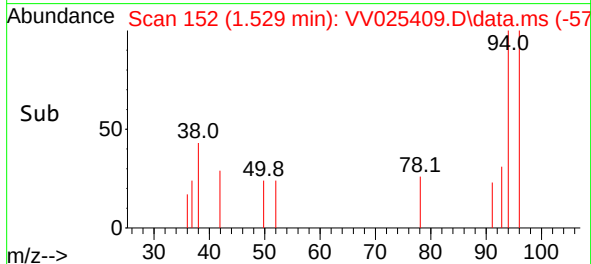
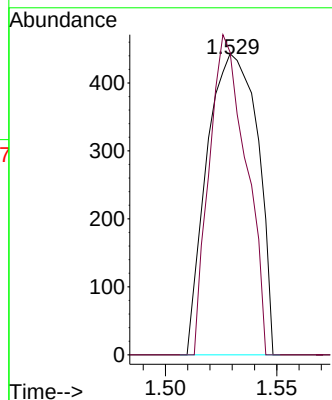
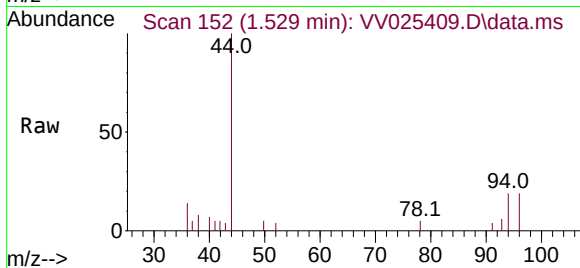




#6
Bromomethane
Concen: 0.041 ug/L
RT: 1.529 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV025409.D
Acq: 08 Apr 2022 14:44

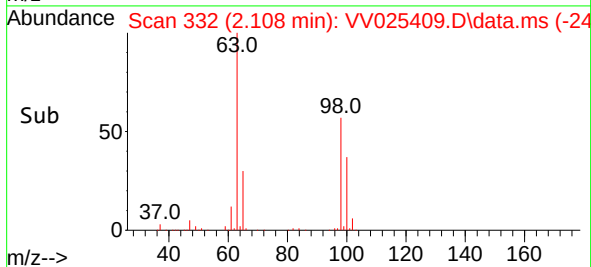
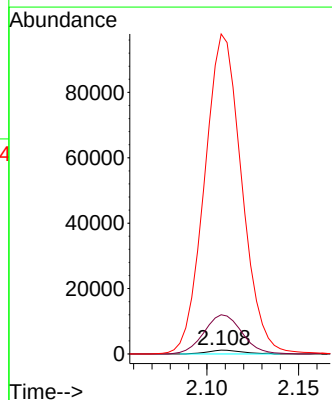
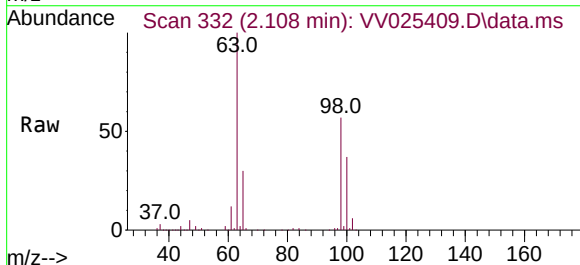
Instrument :
MSVOA_V
ClientSampleId :

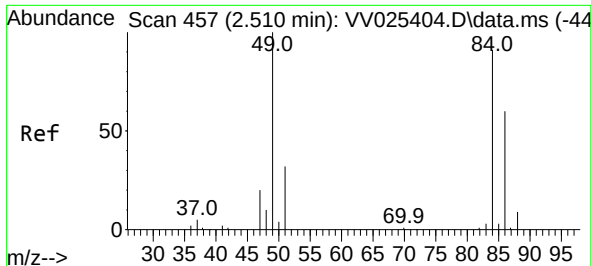
Tgt Ion: 94 Resp: 698
Ion Ratio Lower Upper
94 100
96 100.5 66.1 122.7



#12
1,1-Dichloroethene
Concen: 0.084 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.013 min
Lab File: VV025409.D
Acq: 08 Apr 2022 14:44

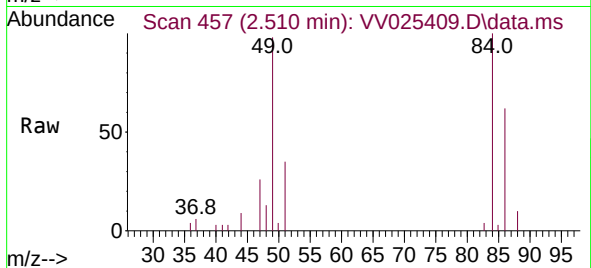
Tgt Ion: 96 Resp: 1552
Ion Ratio Lower Upper
96 100
61 1016.7 125.2 232.4#
63 8307.6 114.4 212.4#



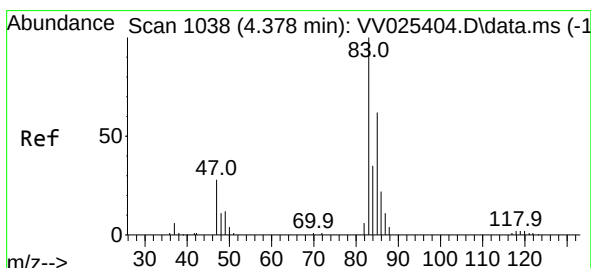
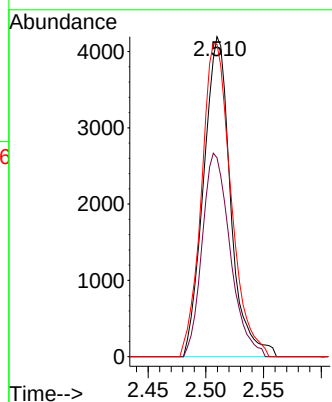
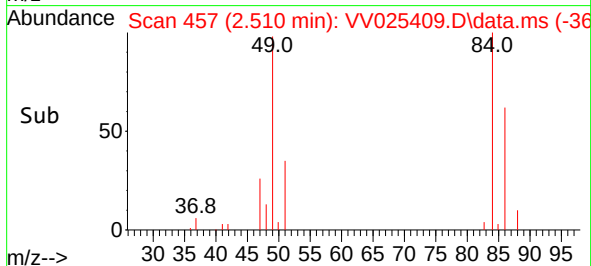


#16
Methylene chloride
Concen: 0.381 ug/L
RT: 2.510 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV025409.D
Acq: 08 Apr 2022 14:44

Instrument :
MSVOA_V
ClientSampleId :

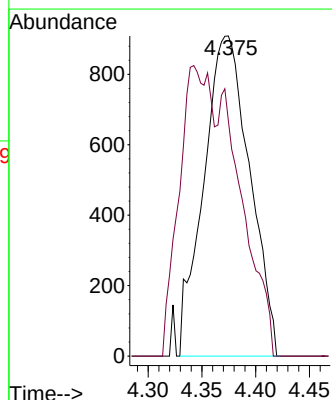
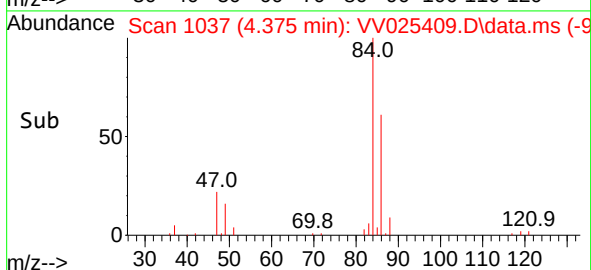
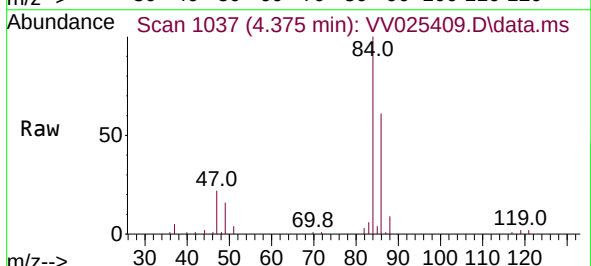


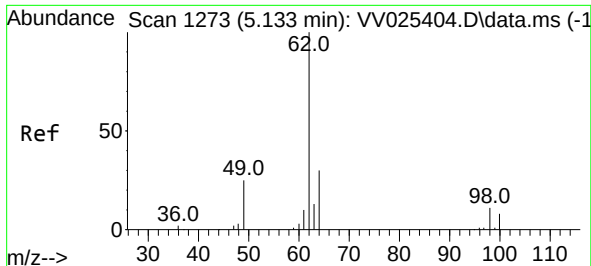
Tgt Ion: 84 Resp: 6817
Ion Ratio Lower Upper
84 100
86 62.1 45.9 85.3
49 97.6 76.6 142.3



#25
Chloroform
Concen: 0.098 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV025409.D
Acq: 08 Apr 2022 14:44

Tgt Ion: 83 Resp: 2712
Ion Ratio Lower Upper
83 100
85 73.5 43.5 80.7





#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.047 min Scan# 1

Delta R.T. -0.087 min

Lab File: VV025409.D

Acq: 08 Apr 2022 14:44

Instrument :

MSVOA_V

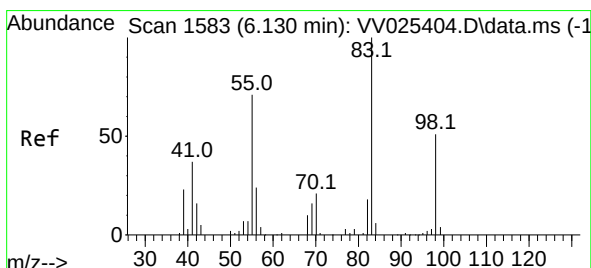
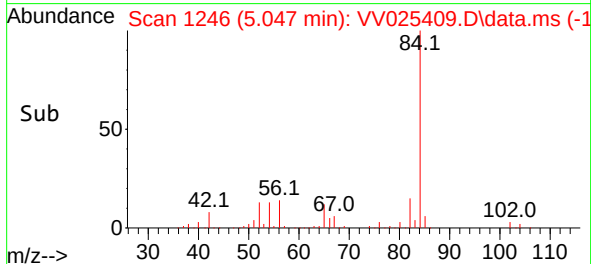
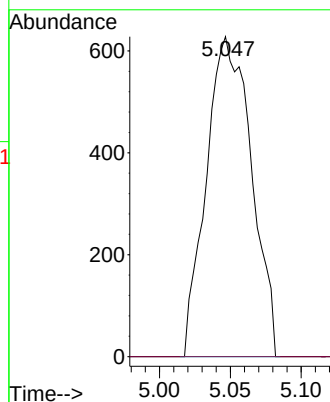
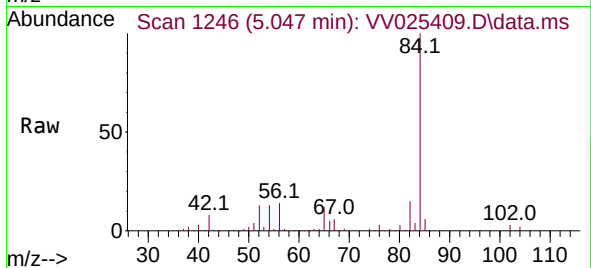
ClientSampleId :

Tgt Ion: 62 Resp: 1392

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#35

Methylcyclohexane

Concen: 0.768 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

Lab File: VV025409.D

Acq: 08 Apr 2022 14:44

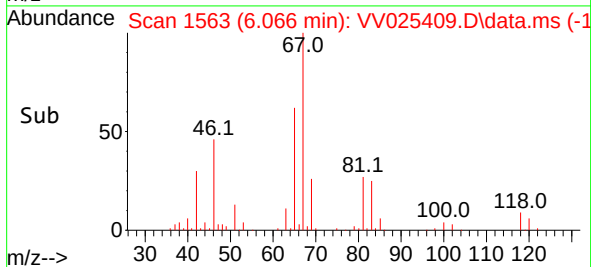
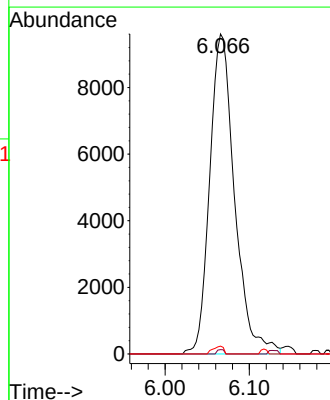
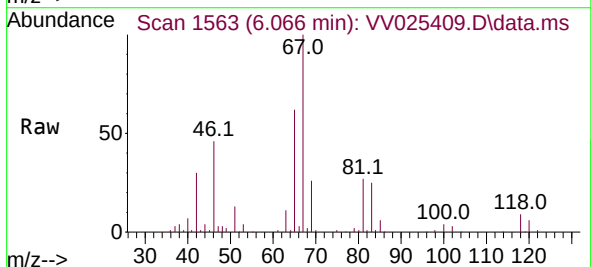
Tgt Ion: 83 Resp: 19728

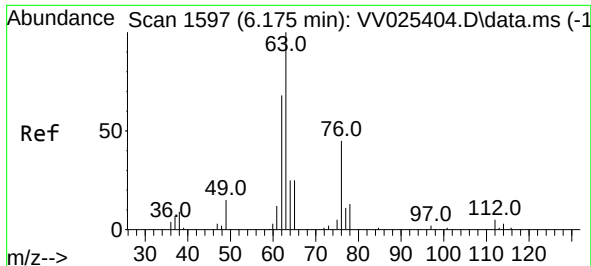
Ion Ratio Lower Upper

83 100

55 0.4 53.7 80.5#

98 1.0 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.617 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.113 min

Lab File: VV025409.D

Acq: 08 Apr 2022 14:44

Instrument :

MSVOA_V

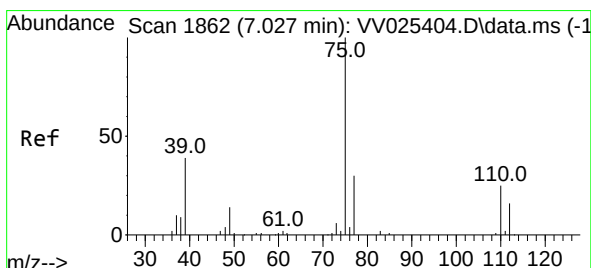
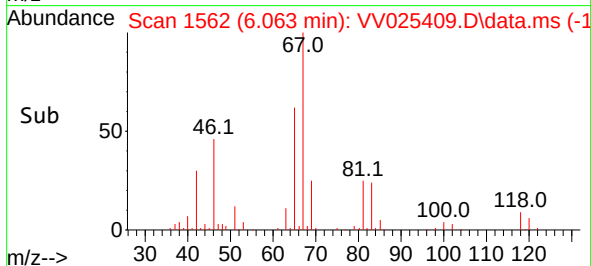
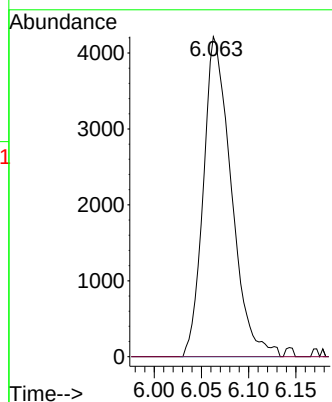
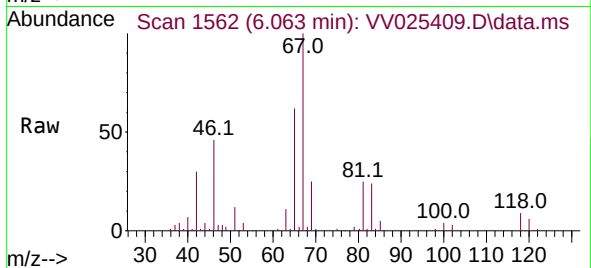
ClientSampleId :

Tgt Ion: 63 Resp: 8658

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV025409.D

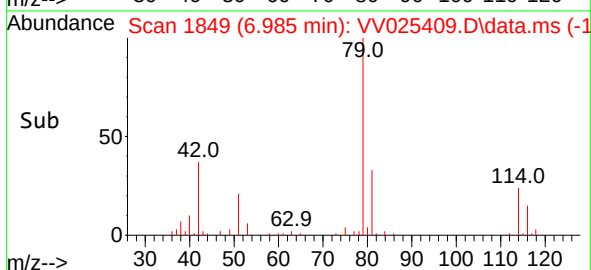
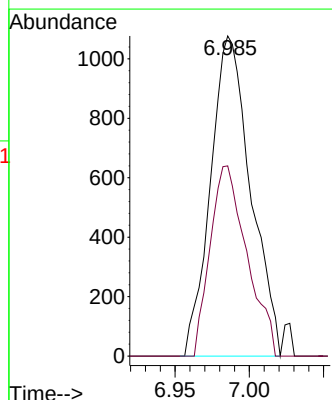
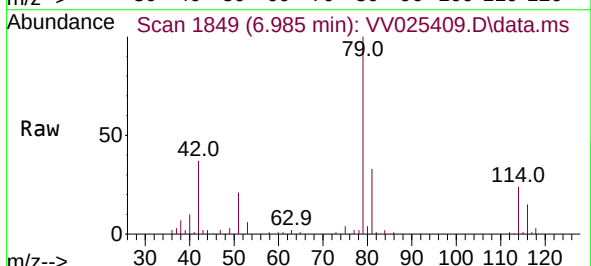
Acq: 08 Apr 2022 14:44

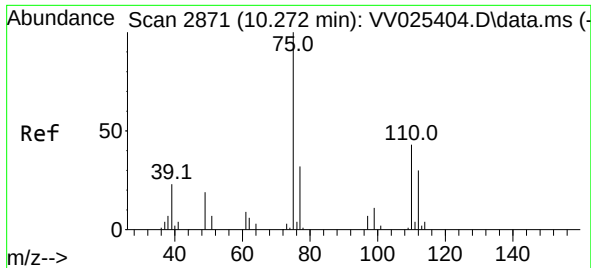
Tgt Ion: 75 Resp: 2024

Ion Ratio Lower Upper

75 100

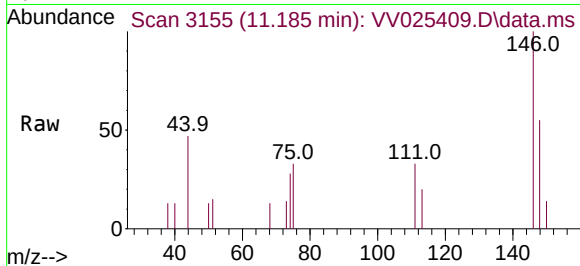
77 59.4 21.8 40.6#



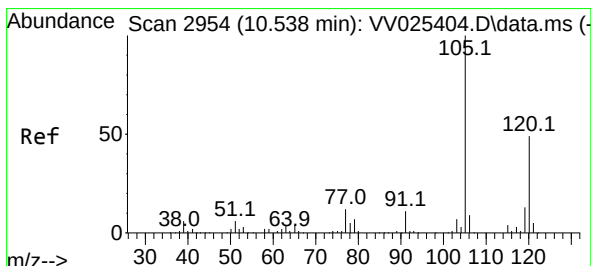
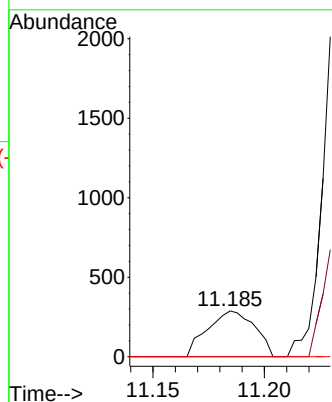
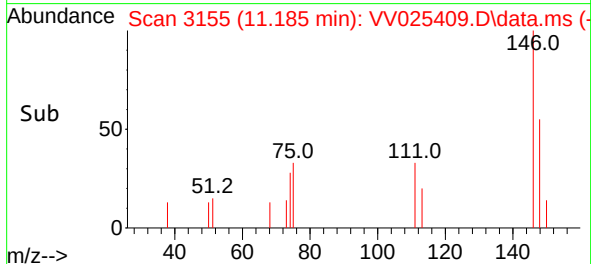


#61
 1,2,3-Trichloropropane
 Concen: 0.061 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.913 min
 Lab File: VV025409.D
 Acq: 08 Apr 2022 14:44

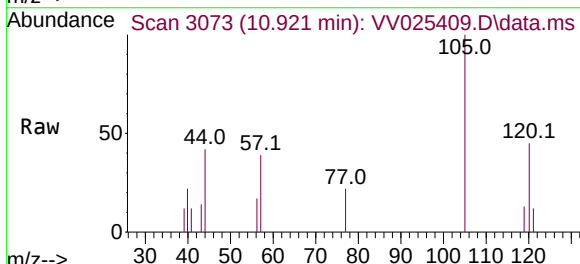
Instrument :
 MSVOA_V
 ClientSampleId :



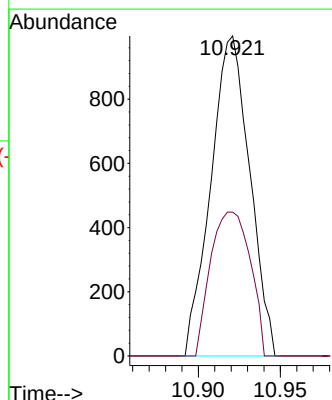
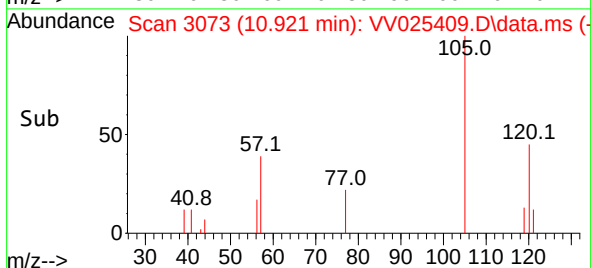
Tgt Ion: 75 Resp: 425
 Ion Ratio Lower Upper
 75 100
 77 44.9 25.6 38.4#
 110 0.0 34.7 52.1#

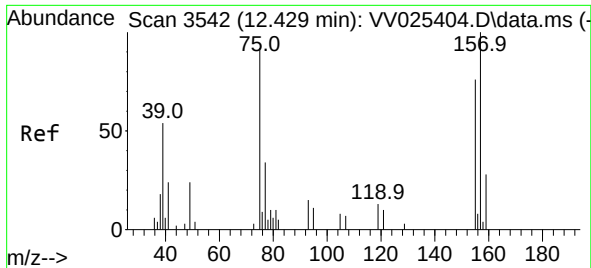


#62
 1,3,5-Trimethylbenzene
 Concen: 0.056 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.383 min
 Lab File: VV025409.D
 Acq: 08 Apr 2022 14:44



Tgt Ion: 105 Resp: 1641
 Ion Ratio Lower Upper
 105 100
 120 45.9 39.6 59.4





#68

1,2-Dibromo-3-chloropropane

Concen: 0.160 ug/L

RT: 12.641 min Scan# 308

Delta R.T. 0.212 min

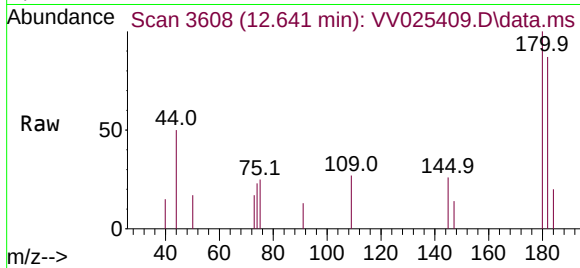
Lab File: VV025409.D

Acq: 08 Apr 2022 14:44

Instrument :

MSVOA_V

ClientSampleId :



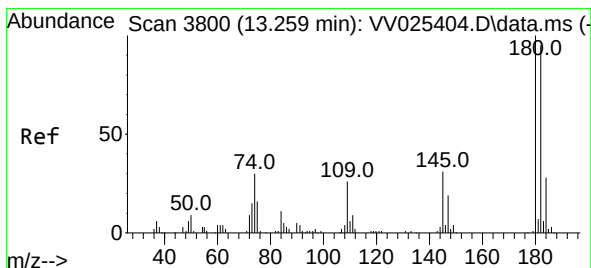
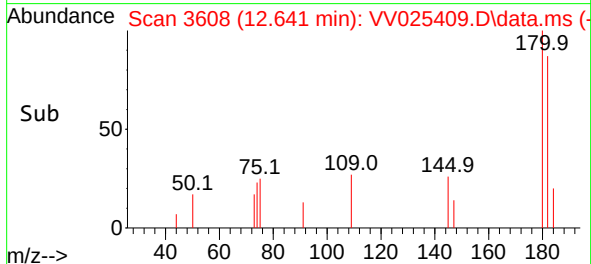
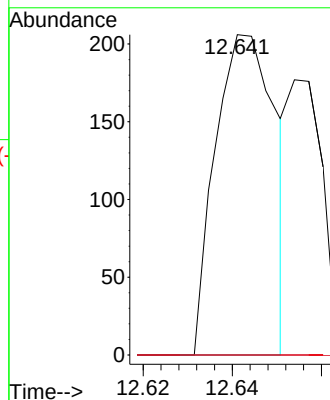
Tgt Ion: 75 Resp: 194

Ion Ratio Lower Upper

75 100

155 0.0 65.8 98.8#

157 0.0 86.6 130.0#



#70

1,2,4-trichlorobenzene

Concen: 0.109 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.006 min

Lab File: VV025409.D

Acq: 08 Apr 2022 14:44

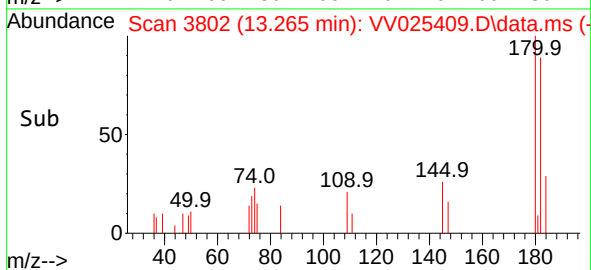
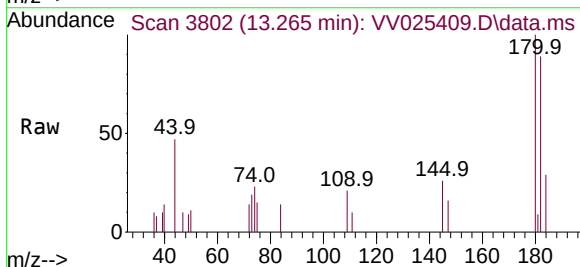
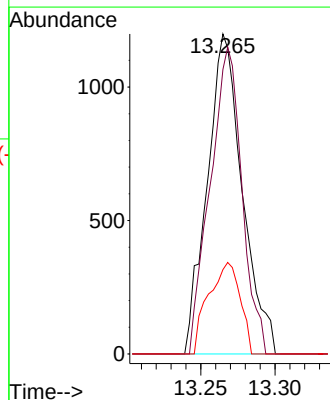
Tgt Ion: 180 Resp: 1968

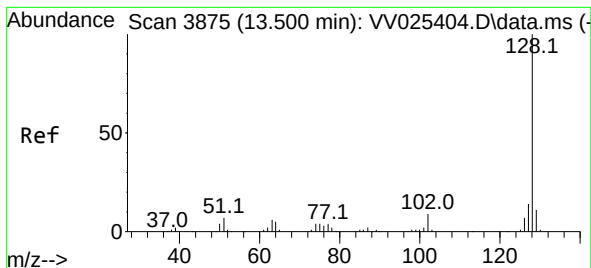
Ion Ratio Lower Upper

180 100

182 86.7 76.6 114.8

145 25.7 24.6 36.8





#71

Naphthalene

Concen: 0.219 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.006 min

Lab File: VV025409.D

Acq: 08 Apr 2022 14:44

Instrument :

MSVOA_V

ClientSampleId :

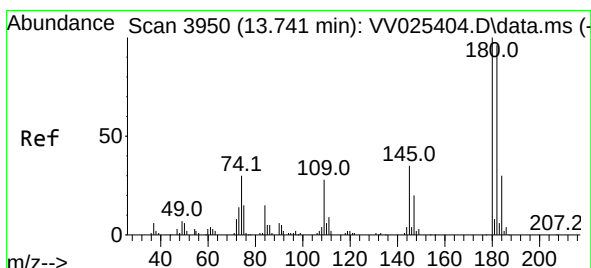
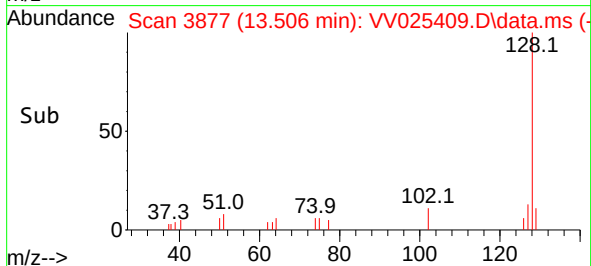
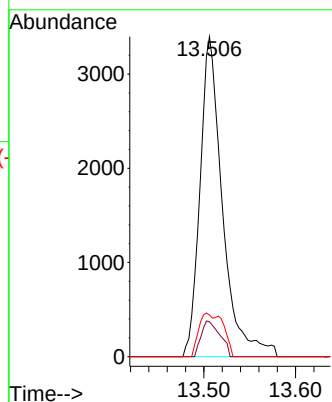
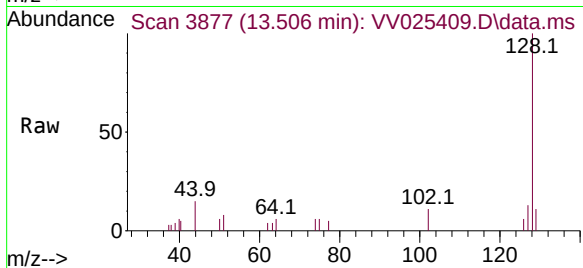
Tgt Ion:128 Resp: 5791

Ion Ratio Lower Upper

128 100

129 9.3 8.8 13.2

127 14.7 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 0.130 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV025409.D

Acq: 08 Apr 2022 14:44

Tgt Ion:180 Resp: 1936

Ion Ratio Lower Upper

180 100

182 102.2 77.7 116.5

145 35.0 27.4 41.2

