

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020224\
 Data File : VW033975.D
 Acq On : 02 Feb 2024 17:16
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 03 03:37:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 03 01:42:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	204254	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	188165	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	99223	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	71443	45.511	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.020%
7) Chloroethane-d5	1.529	69	56479	45.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.860%
11) 1,1-Dichloroethene-d2	2.056	65	33146	49.062	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.120%
21) 2-Butanone-d5	3.783	46	89782	83.384	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.380%
24) Chloroform-d	4.249	84	124453	44.337	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.680%
26) 1,2-Dichloroethane-d4	4.940	65	81686	45.040	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.080%
32) Benzene-d6	4.960	84	232173	43.402	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	5.989	67	69691	39.578	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.160%
41) Toluene-d8	7.243	98	215115	44.631	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.260%
43) trans-1,3-Dichloroprop...	7.551	79	38211	43.908	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.820%
47) 2-Hexanone-d5	8.024	63	62654	85.781	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.780%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	92271	41.047	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.100%
66) 1,2-Dichlorobenzene-d4	11.561	152	83576	44.395	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	61605	36.255	ug/L	99
3) Chloromethane	1.217	50	72099	37.314	ug/L	99
5) Vinyl chloride	1.285	62	73364	39.689	ug/L	98
6) Bromomethane	1.481	94	40101	41.509	ug/L	99
8) Chloroethane	1.545	64	46273	41.981	ug/L	100
9) Trichlorofluoromethane	1.712	101	118649	53.789	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	63637	48.967	ug/L	95
12) 1,1-Dichloroethene	2.069	96	59298	48.374	ug/L	99
13) Acetone	2.111	43	100197	97.328	ug/L	99
14) Carbon disulfide	2.240	76	156591	37.585	ug/L	100
15) Methyl Acetate	2.371	43	72917	43.315	ug/L #	100
16) Methylene chloride	2.445	84	64977	43.450	ug/L	92
17) trans-1,2-Dichloroethene	2.693	96	57576	42.047	ug/L	94
18) Methyl tert-butyl Ether	2.703	73	225280	45.744	ug/L	98
19) 1,1-Dichloroethane	3.111	63	117092	41.827	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	67597	44.355	ug/L	91
22) 2-Butanone	3.863	43	106531	85.201	ug/L	98
23) Bromochloromethane	4.146	128	34960	47.221	ug/L #	81
25) Chloroform	4.275	83	121698	45.850	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020224\
 Data File : VW033975.D
 Acq On : 02 Feb 2024 17:16
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

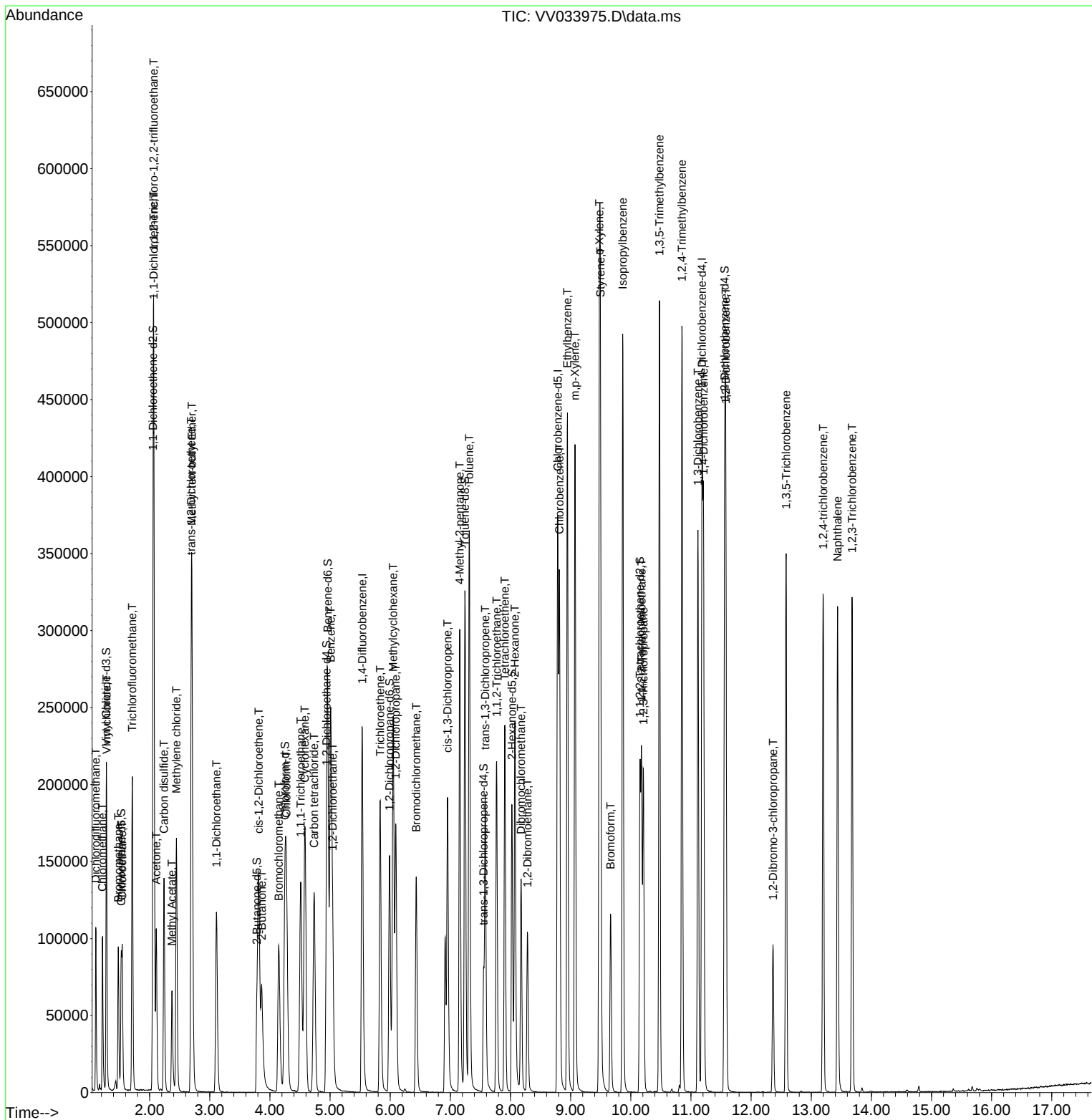
Instrument :
 MSVOA_V
 ClientSampleId :

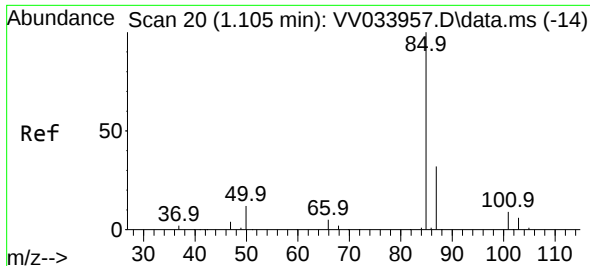
Quant Time: Feb 03 03:37:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 03 01:42:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	102407	46.193	ug/L	99
29) Cyclohexane	4.580	56	100449	37.867	ug/L	93
30) 1,1,1-Trichloroethane	4.513	97	113274	50.164	ug/L	98
31) Carbon tetrachloride	4.735	117	98894	51.309	ug/L	100
33) Benzene	5.011	78	242098	43.805	ug/L	100
34) Trichloroethene	5.834	95	65147	43.943	ug/L	96
35) Methylcyclohexane	6.050	83	101894	40.161	ug/L	95
37) 1,2-Dichloropropane	6.092	63	62887	41.350	ug/L #	97
38) Bromodichloromethane	6.432	83	92625	46.556	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	109657	43.178	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	194708	86.403	ug/L	96
42) Toluene	7.313	91	261510	44.762	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	106880	45.669	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	62563	45.339	ug/L	99
46) Tetrachloroethene	7.905	164	50628	46.559	ug/L	98
48) 2-Hexanone	8.072	43	152594	84.982	ug/L	97
49) Dibromochloromethane	8.175	129	67121	46.704	ug/L	100
50) 1,2-Dibromoethane	8.281	107	65469	44.895	ug/L #	99
51) Chlorobenzene	8.815	112	171241	46.015	ug/L	97
52) Ethylbenzene	8.947	91	301305	44.528	ug/L	100
53) m,p-Xylene	9.072	106	110455	44.215	ug/L	97
54) o-Xylene	9.477	106	111932	45.259	ug/L	100
55) Styrene	9.497	104	190560	44.629	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	98811	44.995	ug/L	99
59) Bromoform	9.664	173	49347	46.794	ug/L	96
60) Isopropylbenzene	9.866	105	307835	45.854	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	78767	44.730	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	261811	45.453	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	260944	45.466	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	139110	45.875	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	137955	45.372	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	139419	47.054	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	23954	47.139	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	102067	45.549	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	92507	45.484	ug/L	99
71) Naphthalene	13.438	128	236840	44.564	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	91592	48.248	ug/L	99

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

Quant Time: Feb 03 03:37:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 03 01:42:15 2024
Response via : Initial Calibration

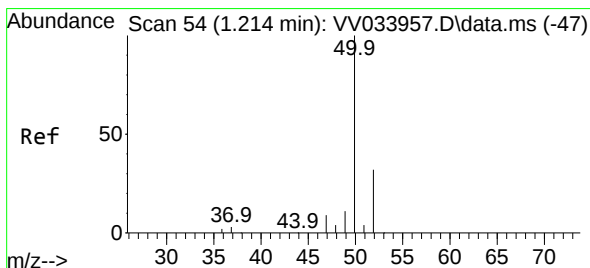
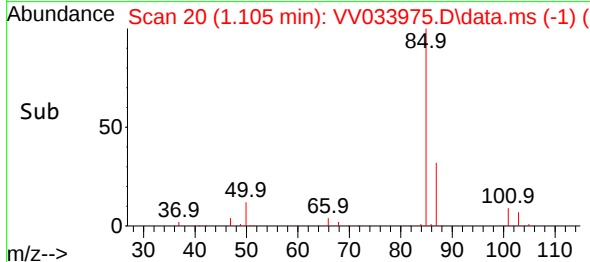
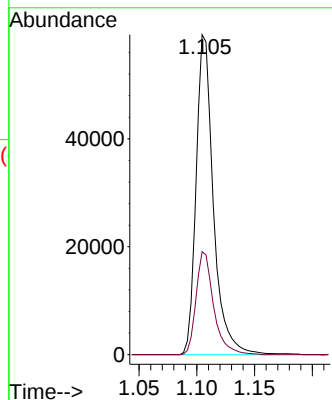
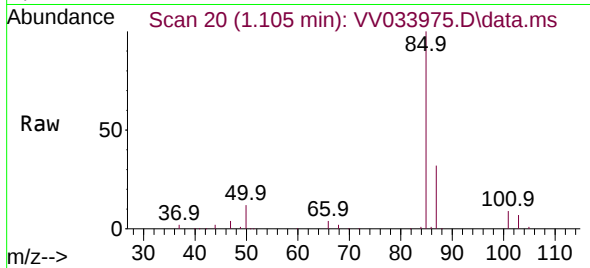




#2
 Dichlorodifluoromethane
 Concen: 36.255 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV033975.D
 Acq: 02 Feb 2024 17:16

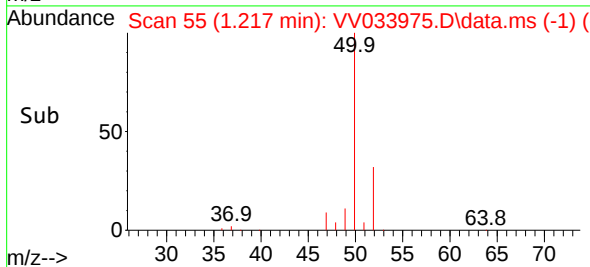
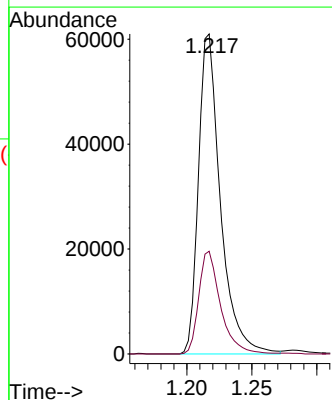
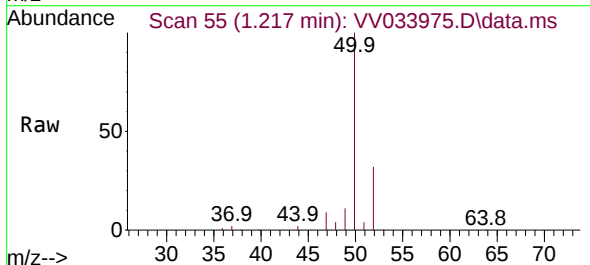
Instrument :
 MSVOA_V
 ClientSampleId :

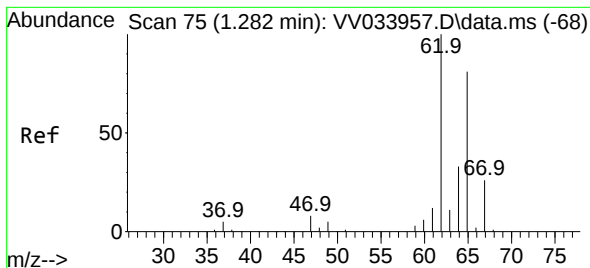
Tgt Ion: 85 Resp: 61605
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.8 38.6



#3
 Chloromethane
 Concen: 37.314 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV033975.D
 Acq: 02 Feb 2024 17:16

Tgt Ion: 50 Resp: 72099
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.8 42.4





#5

Vinyl chloride

Concen: 39.689 ug/L

RT: 1.285 min Scan# 7

Delta R.T. 0.003 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

Instrument :

MSVOA_V

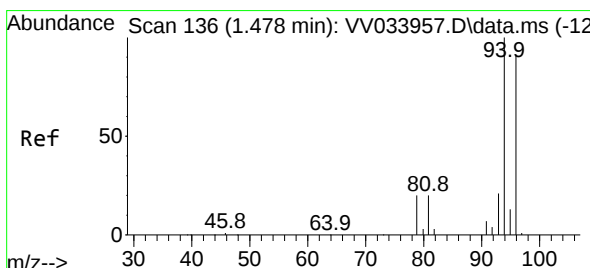
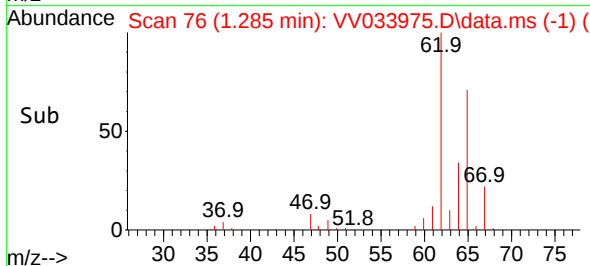
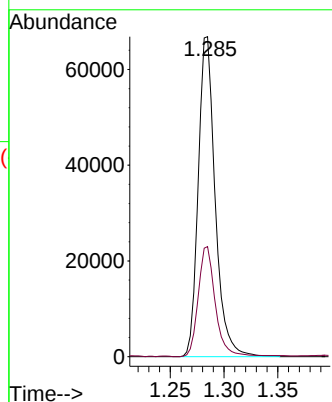
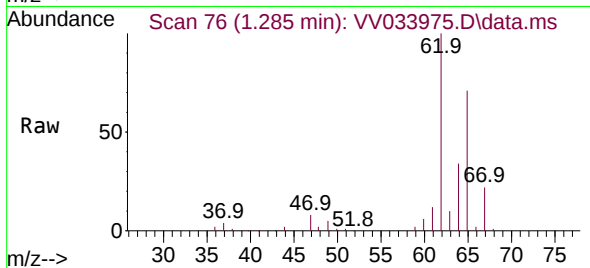
ClientSampleId :

Tgt Ion: 62 Resp: 73364

Ion Ratio Lower Upper

62 100

64 34.4 23.2 43.0



#6

Bromomethane

Concen: 41.509 ug/L

RT: 1.481 min Scan# 137

Delta R.T. 0.003 min

Lab File: VV033975.D

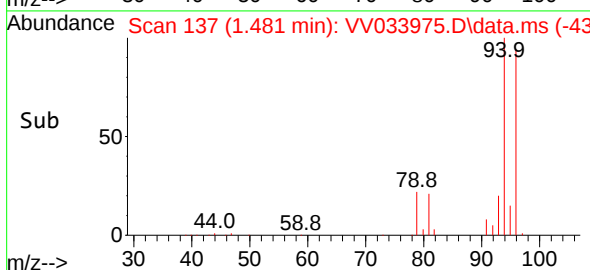
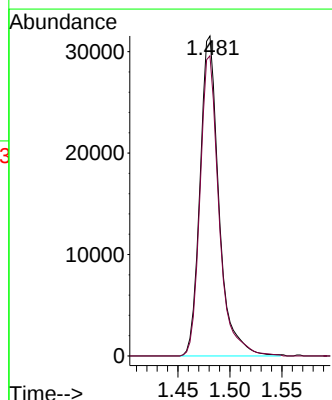
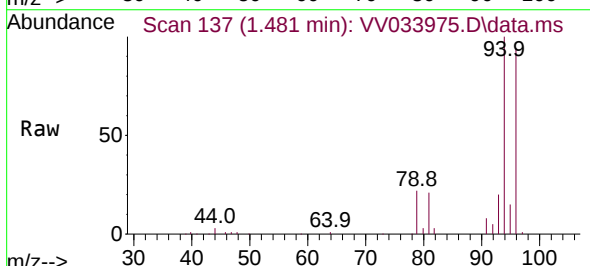
Acq: 02 Feb 2024 17:16

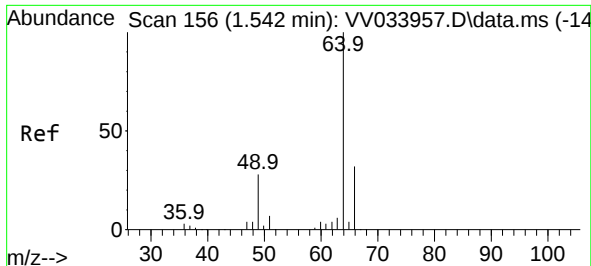
Tgt Ion: 94 Resp: 40101

Ion Ratio Lower Upper

94 100

96 93.8 66.4 123.2

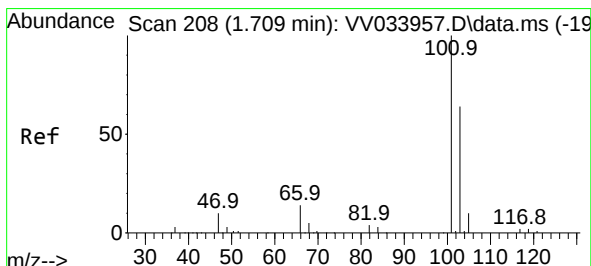
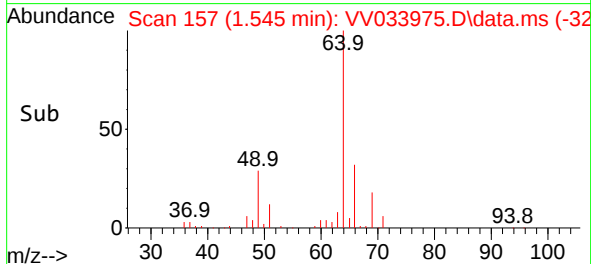
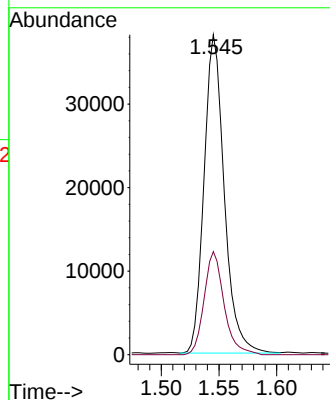
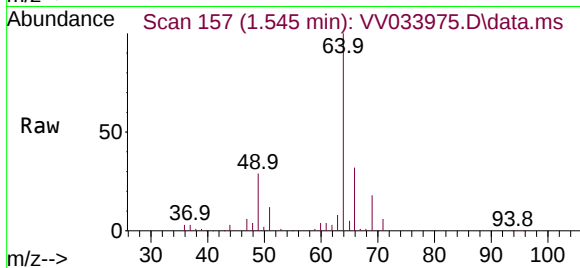




#8
Chloroethane
Concen: 41.981 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

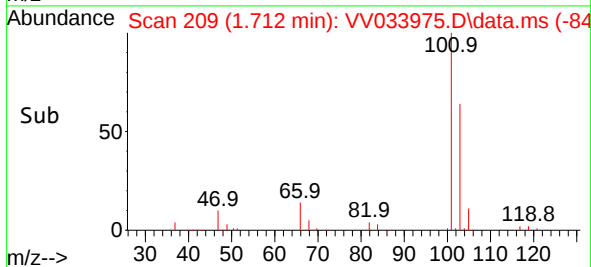
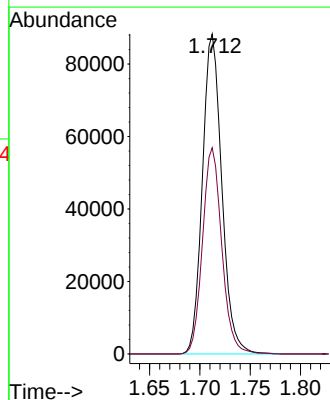
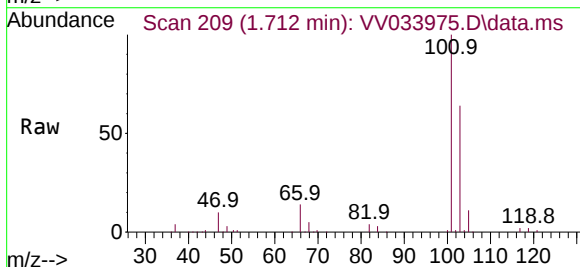
Instrument :
MSVOA_V
ClientSampleId :

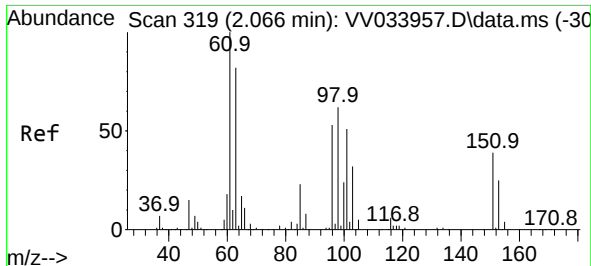
Tgt Ion: 64 Resp: 46273
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 53.789 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.003 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

Tgt Ion:101 Resp: 118649
Ion Ratio Lower Upper
101 100
103 63.9 51.3 76.9





#10

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

Concen: 48.967 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

Instrument :

MSVOA_V

ClientSampleId :

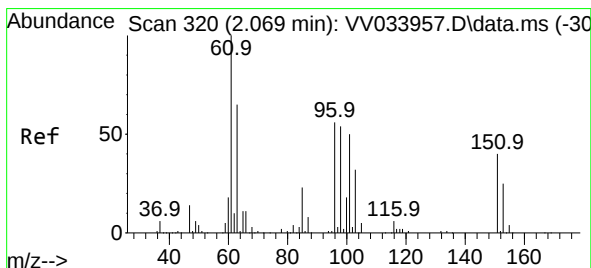
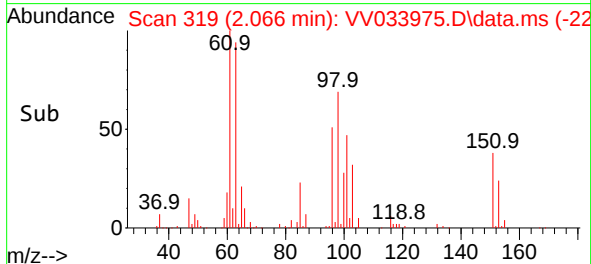
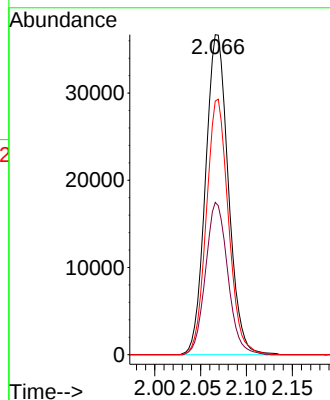
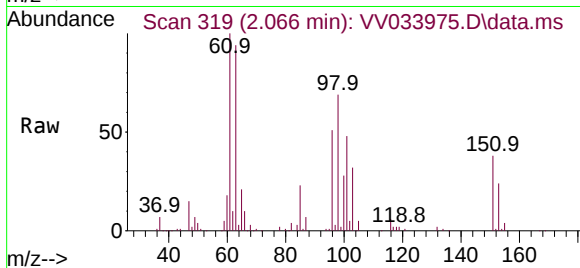
Tgt Ion:101 Resp: 63637

Ion Ratio Lower Upper

101 100

85 46.3 36.2 54.4

151 77.1 56.5 84.7



#12

1,1-Dichloroethene

Concen: 48.374 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

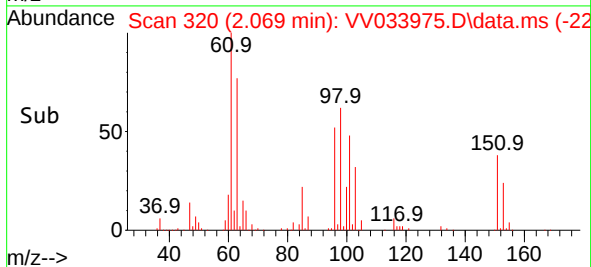
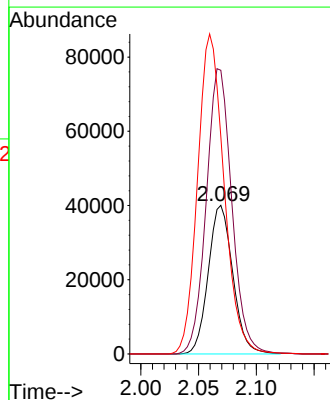
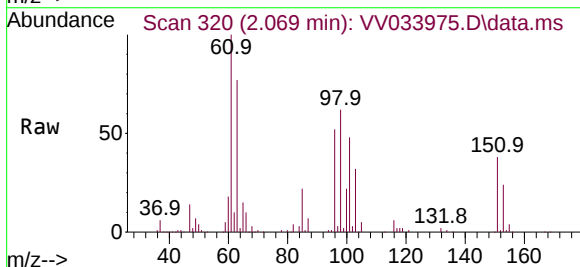
Tgt Ion: 96 Resp: 59298

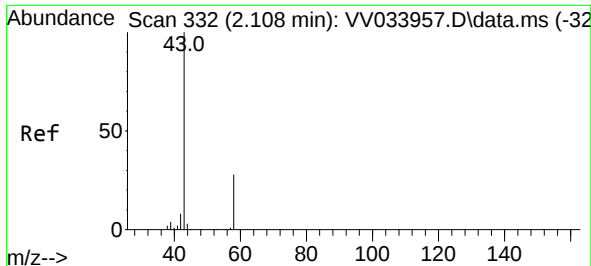
Ion Ratio Lower Upper

96 100

61 190.9 134.0 248.8

63 146.1 103.4 192.0





#13

Acetone

Concen: 97.328 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

Instrument :

MSVOA_V

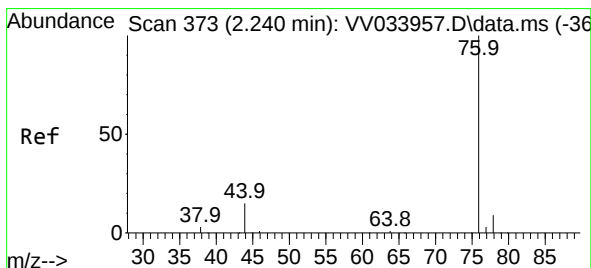
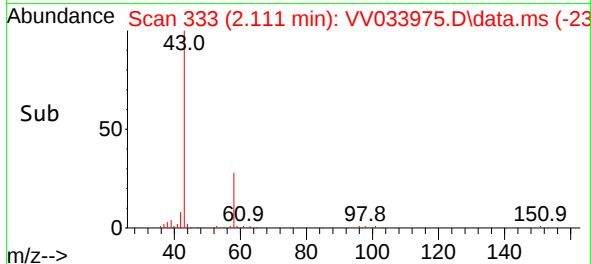
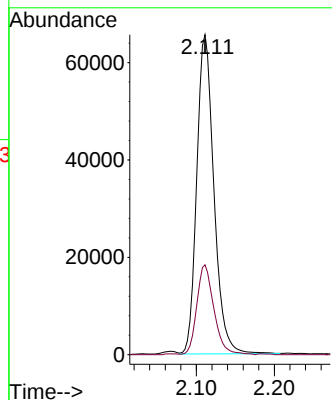
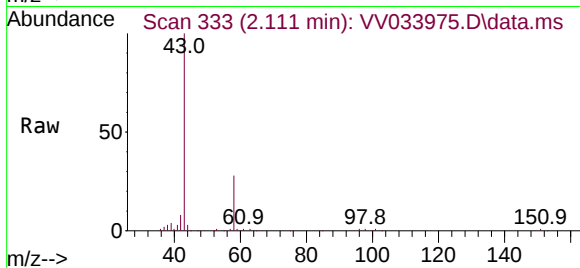
ClientSampleId :

Tgt Ion: 43 Resp: 100197

Ion Ratio Lower Upper

43 100

58 28.1 0.0 57.2



#14

Carbon disulfide

Concen: 37.585 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV033975.D

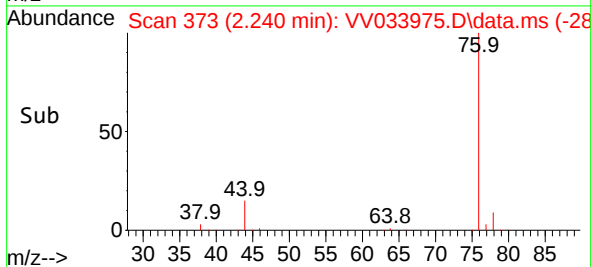
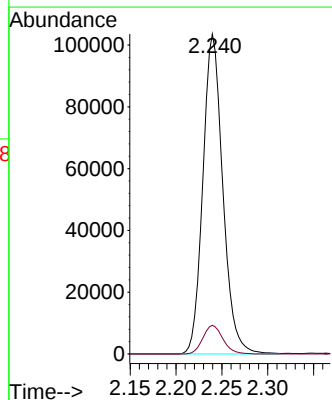
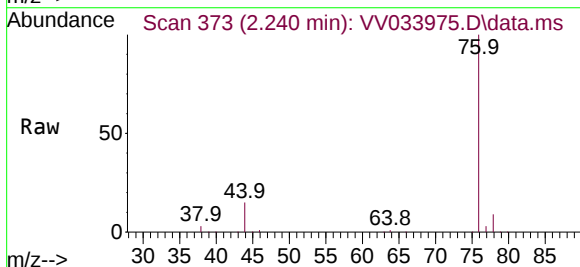
Acq: 02 Feb 2024 17:16

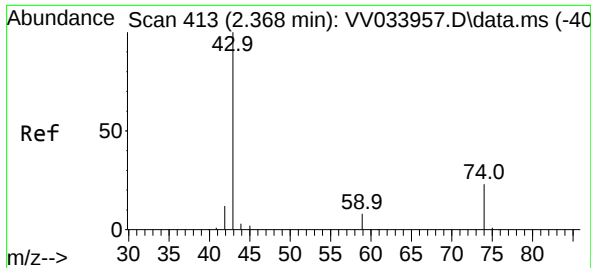
Tgt Ion: 76 Resp: 156591

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7





#15

Methyl Acetate

Concen: 43.315 ug/L

RT: 2.371 min Scan# 413

Delta R.T. 0.003 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

Instrument :

MSVOA_V

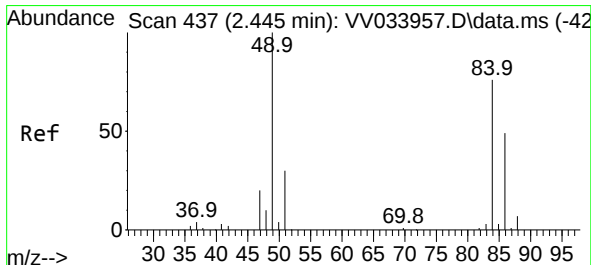
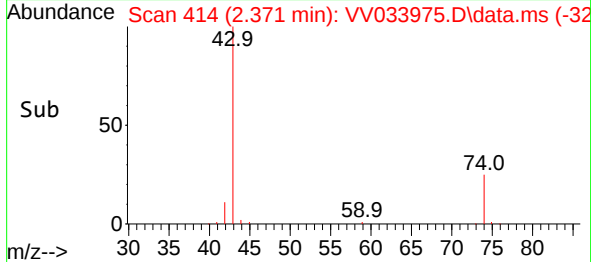
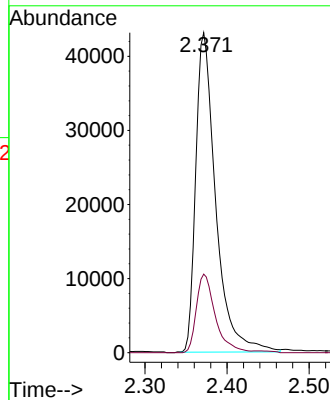
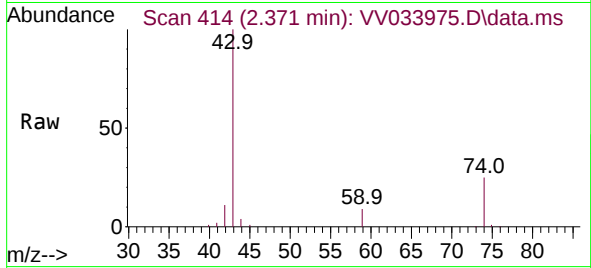
ClientSampleId :

Tgt Ion: 43 Resp: 72917

Ion Ratio Lower Upper

43 100

74 23.3 0.0 0.0#



#16

Methylene chloride

Concen: 43.450 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.000 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

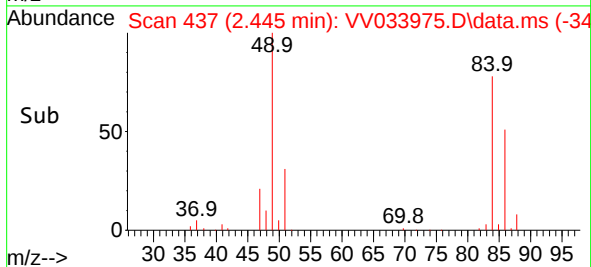
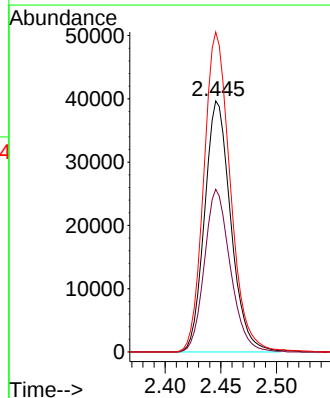
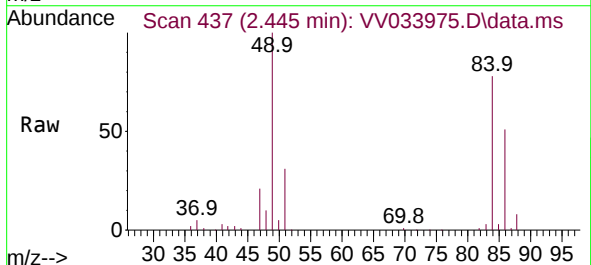
Tgt Ion: 84 Resp: 64977

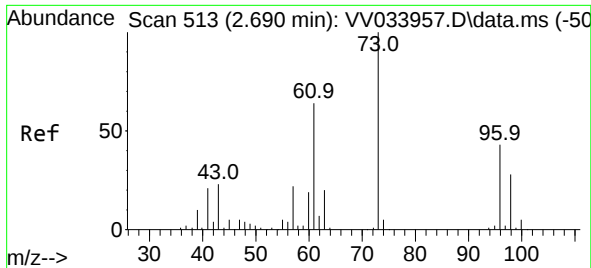
Ion Ratio Lower Upper

84 100

86 64.8 43.9 81.5

49 127.5 98.3 182.5

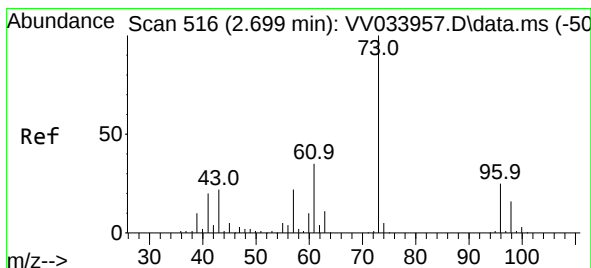
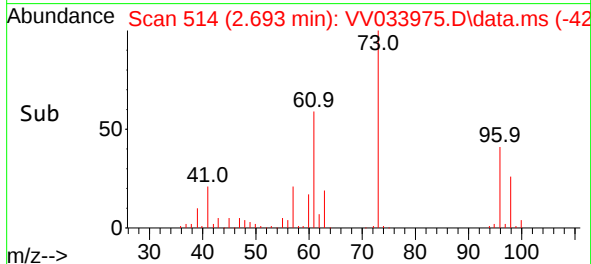
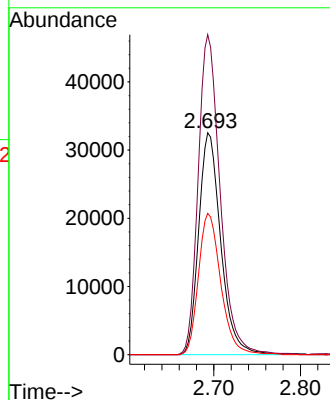
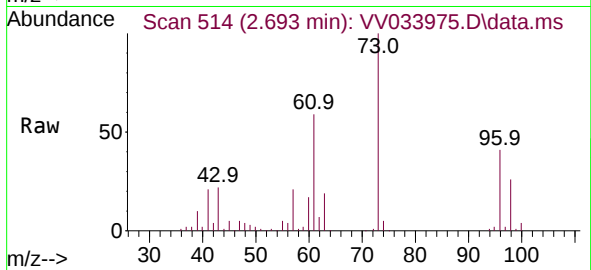




#17
trans-1,2-Dichloroethene
Concen: 42.047 ug/L
RT: 2.693 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

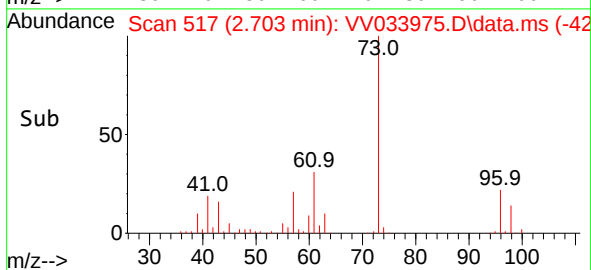
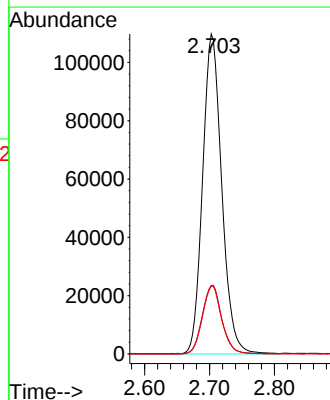
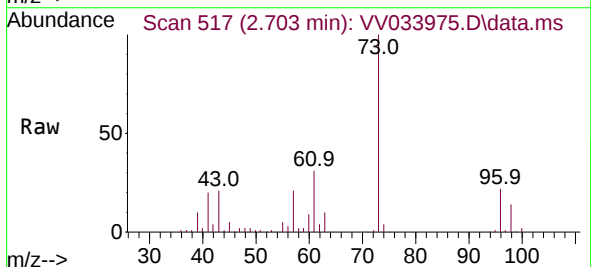
Instrument :
MSVOA_V
ClientSampleId :

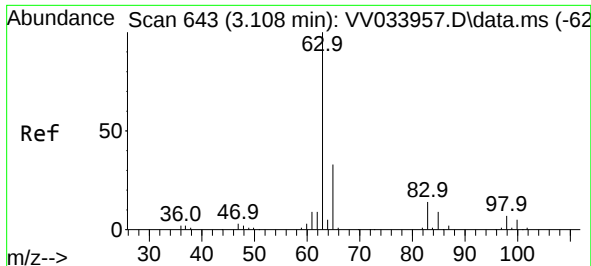
Tgt Ion: 96 Resp: 57576
Ion Ratio Lower Upper
96 100
61 144.2 108.4 201.4
98 63.7 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 45.744 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

Tgt Ion: 73 Resp: 225280
Ion Ratio Lower Upper
73 100
43 21.5 17.4 26.2
57 21.2 18.6 27.8





#19

1,1-Dichloroethane

Concen: 41.827 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

Instrument :

MSVOA_V

ClientSampleId :

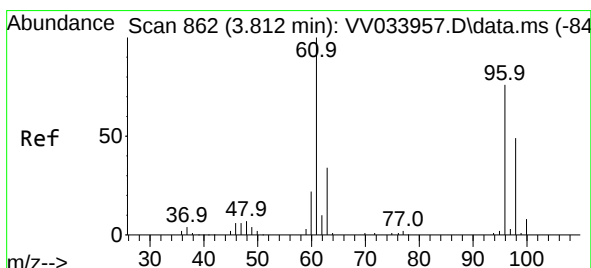
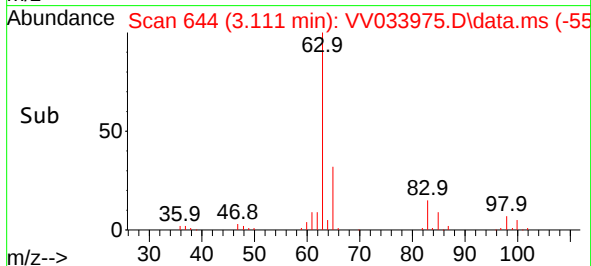
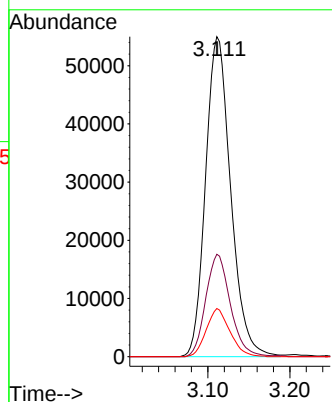
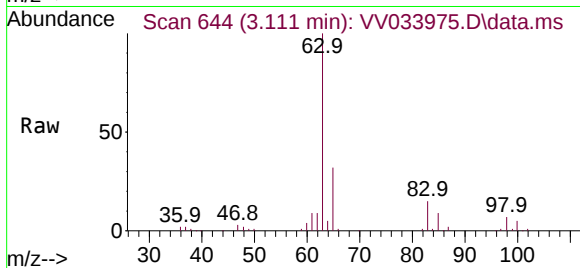
Tgt Ion: 63 Resp: 117092

Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

83 15.0 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 44.355 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

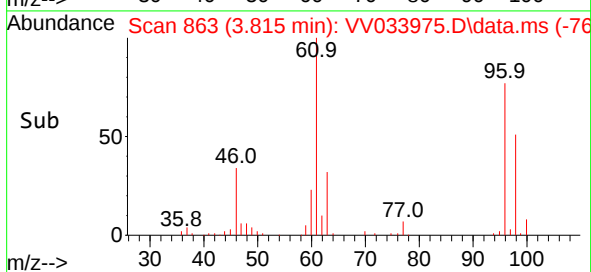
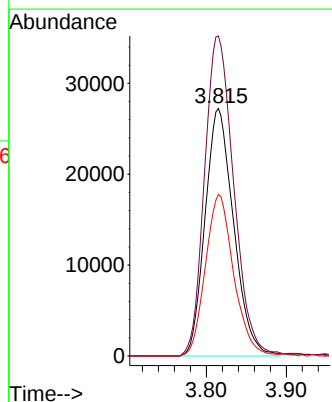
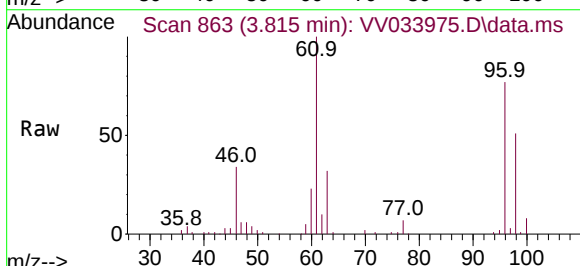
Tgt Ion: 96 Resp: 67597

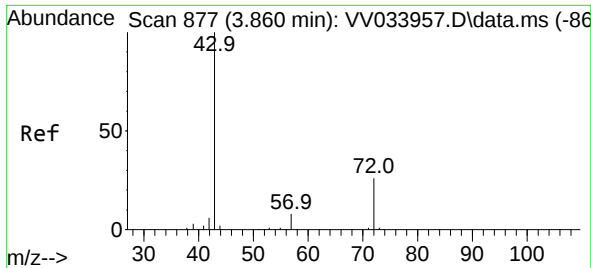
Ion Ratio Lower Upper

96 100

61 129.2 100.6 186.8

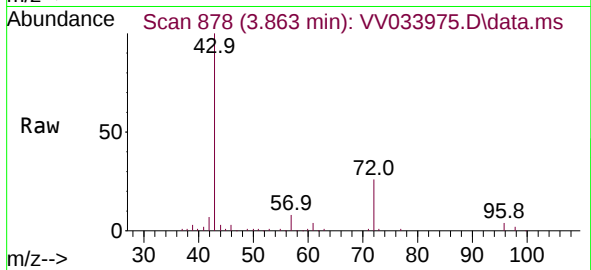
98 65.3 44.6 82.8



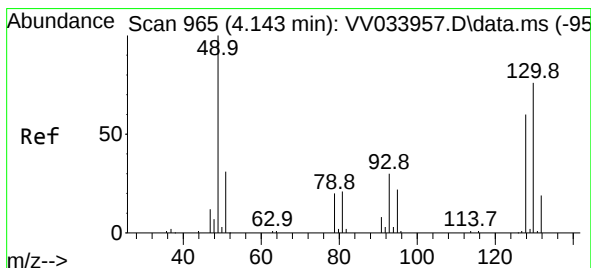
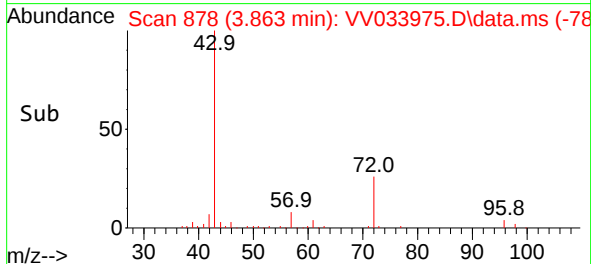
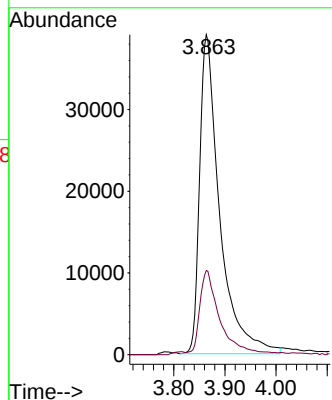


#22
2-Butanone
Concen: 85.201 ug/L
RT: 3.863 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

Instrument :
MSVOA_V
ClientSampleId :

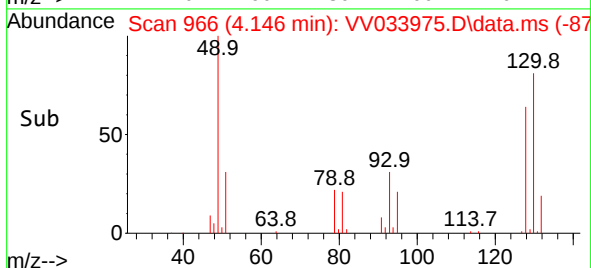
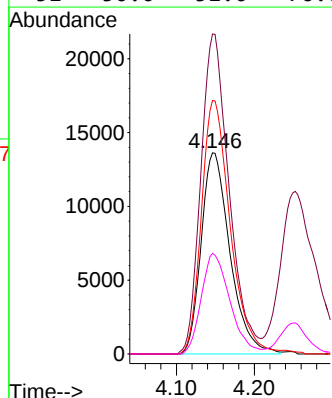
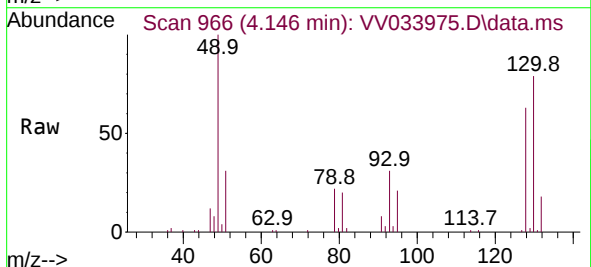


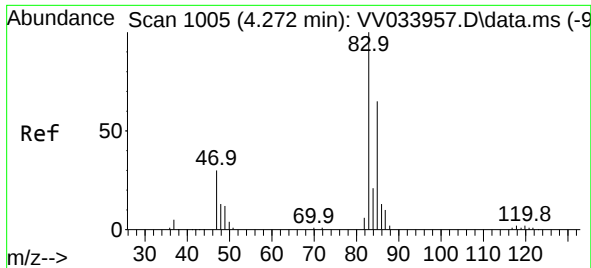
Tgt Ion: 43 Resp: 106531
Ion Ratio Lower Upper
43 100
72 24.7 11.9 35.5



#23
Bromochloromethane
Concen: 47.221 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

Tgt Ion: 128 Resp: 34960
Ion Ratio Lower Upper
128 100
49 159.1 143.9 267.2
130 126.0 90.6 168.2
51 50.0 51.0 76.6#

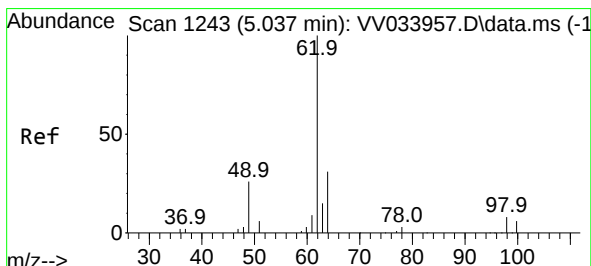
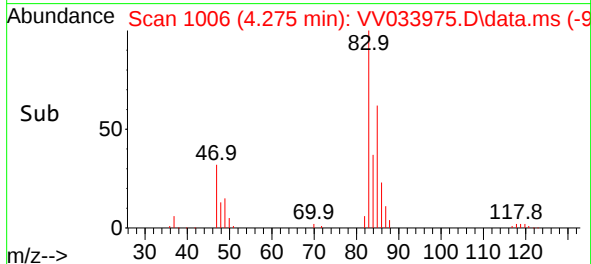
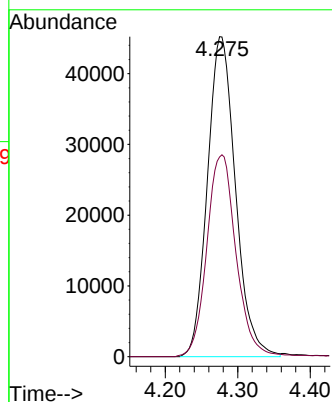
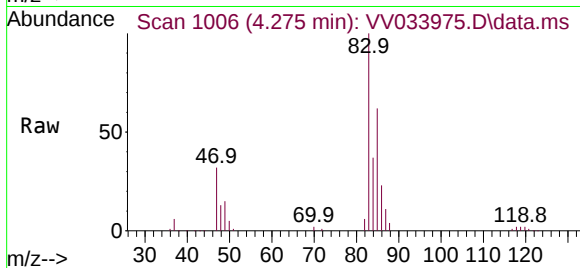




#25
Chloroform
Concen: 45.850 ug/L
RT: 4.275 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

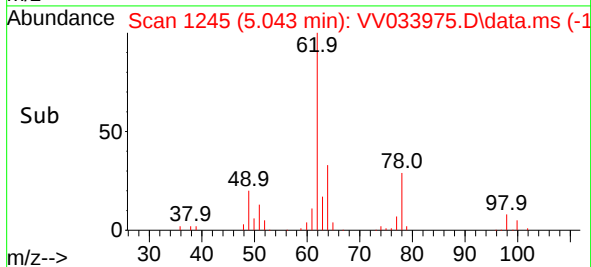
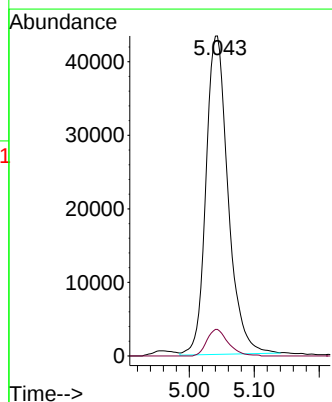
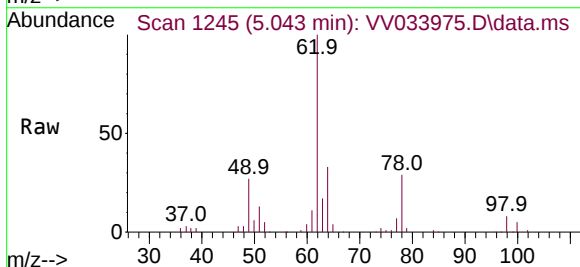
Instrument :
MSVOA_V
ClientSampleId :

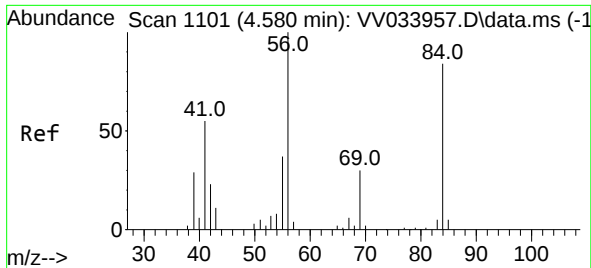
Tgt Ion: 83 Resp: 121698
Ion Ratio Lower Upper
83 100
85 62.4 45.1 83.9



#27
1,2-Dichloroethane
Concen: 46.193 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. 0.006 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

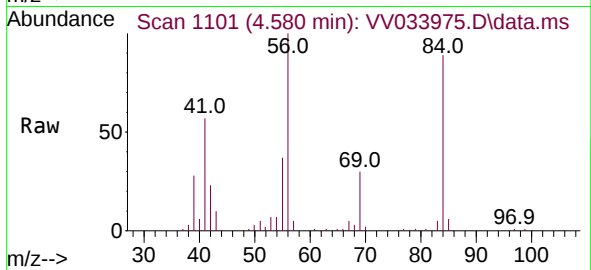
Tgt Ion: 62 Resp: 102407
Ion Ratio Lower Upper
62 100
98 8.3 6.8 10.2



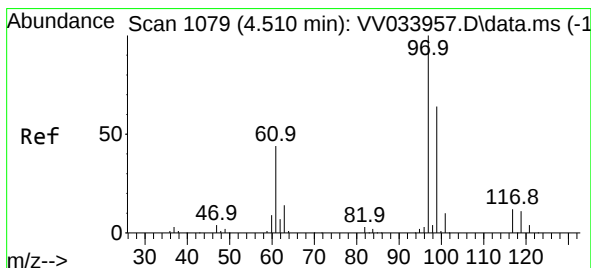
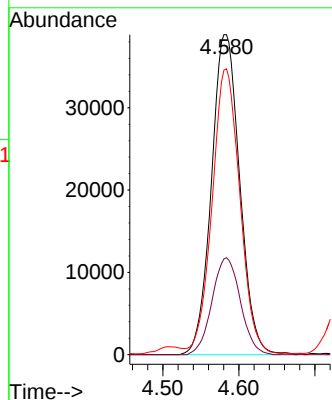
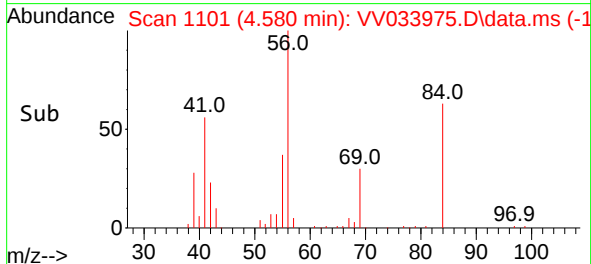


#29
Cyclohexane
Concen: 37.867 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

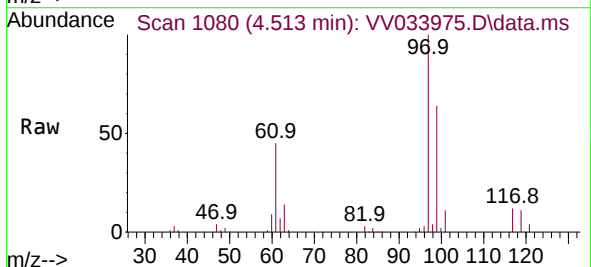
Instrument :
MSVOA_V
ClientSampleId :



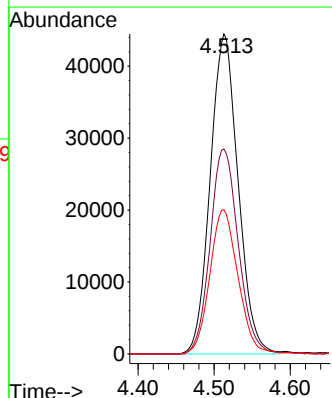
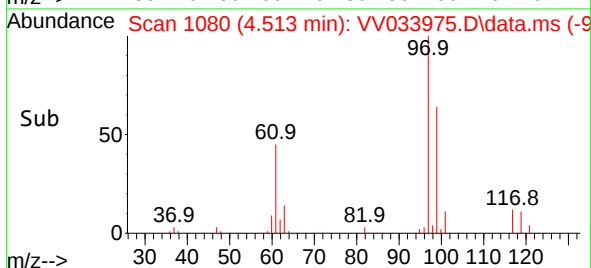
Tgt Ion:	56	Resp:	100449
Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.8	35.6
84	87.4	63.8	95.6

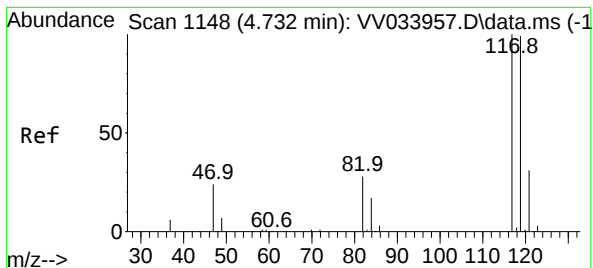


#30
1,1,1-Trichloroethane
Concen: 50.164 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16



Tgt Ion:	97	Resp:	113274
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.0
61	45.5	38.2	57.2





#31

Carbon tetrachloride

Concen: 51.309 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.003 min

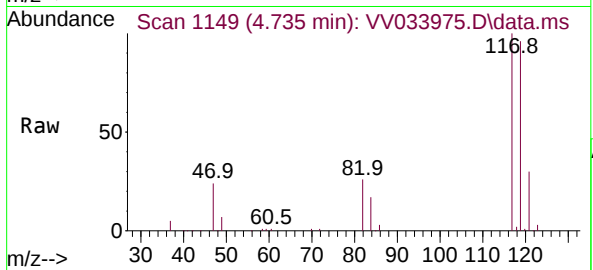
Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

Instrument :

MSVOA_V

ClientSampleId :

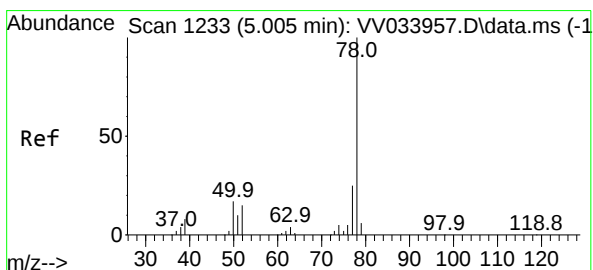
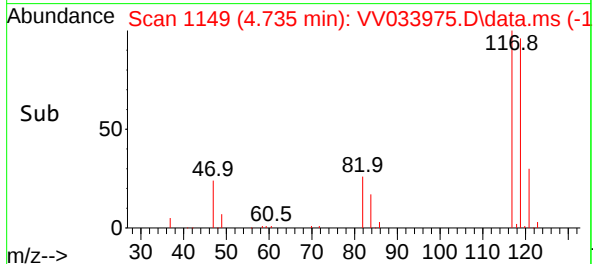
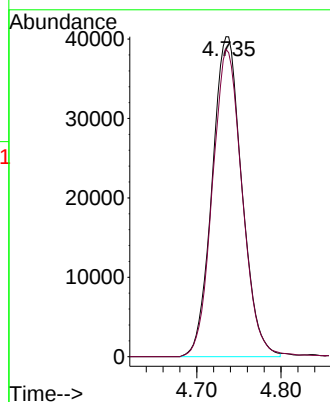


Tgt Ion:117 Resp: 98894

Ion Ratio Lower Upper

117 100

119 96.0 77.0 115.4



#33

Benzene

Concen: 43.805 ug/L

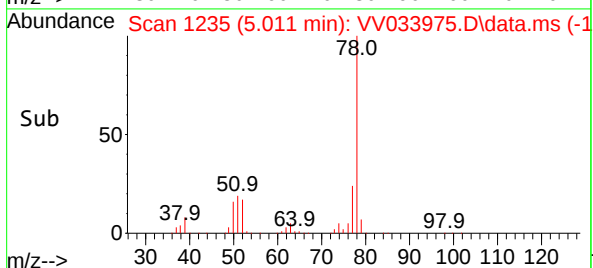
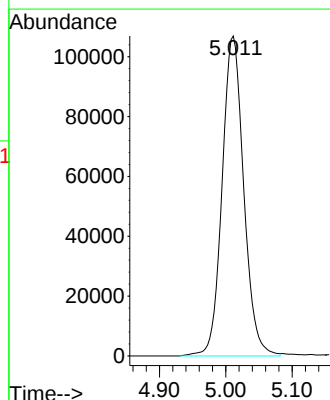
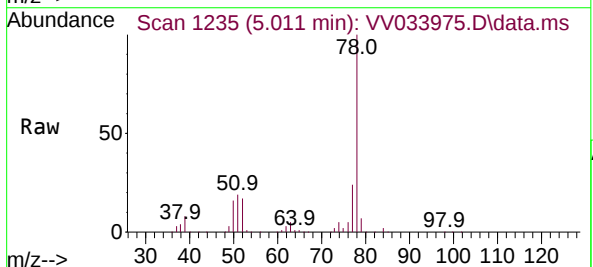
RT: 5.011 min Scan# 1235

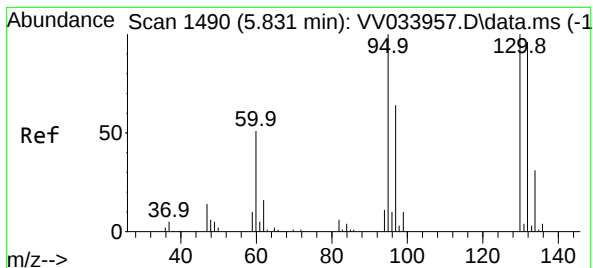
Delta R.T. 0.006 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

Tgt Ion: 78 Resp: 242098





#34

Trichloroethene

Concen: 43.943 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 65147

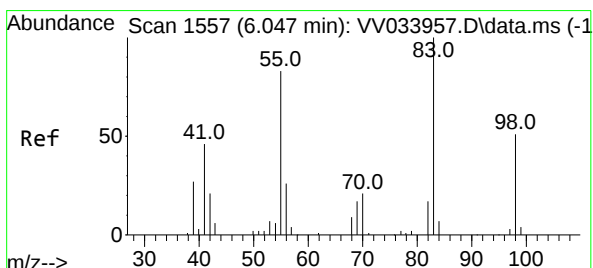
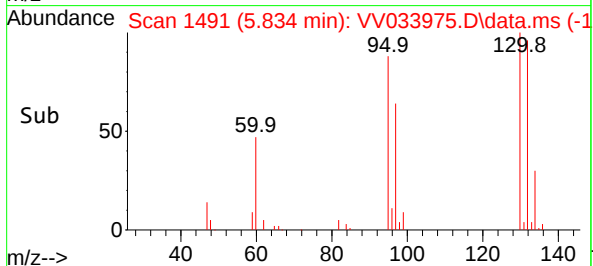
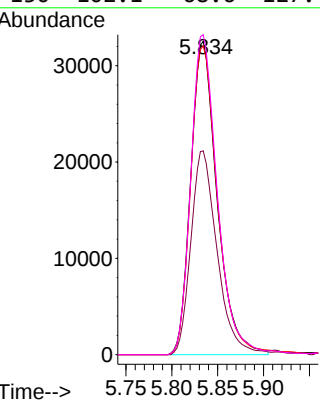
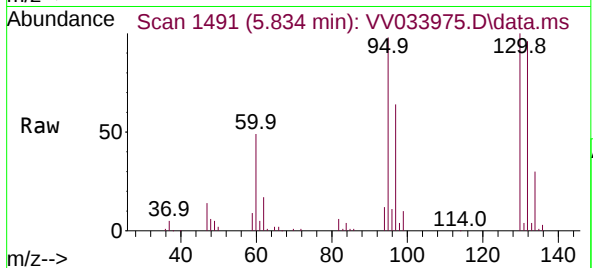
Ion Ratio Lower Upper

95 100

97 65.0 44.4 82.4

132 98.5 65.5 121.7

130 102.1 68.6 127.4



#35

Methylcyclohexane

Concen: 40.161 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

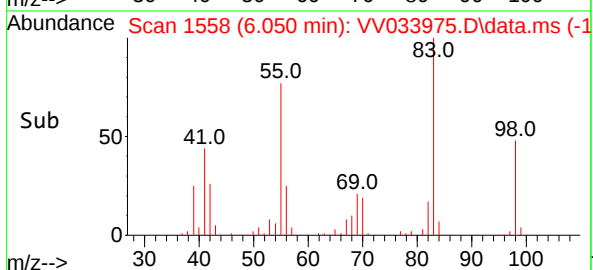
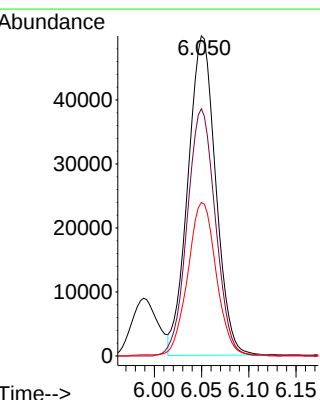
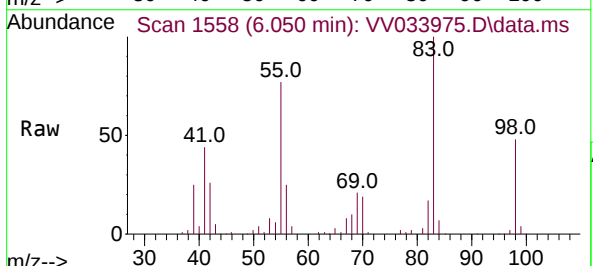
Tgt Ion: 83 Resp: 101894

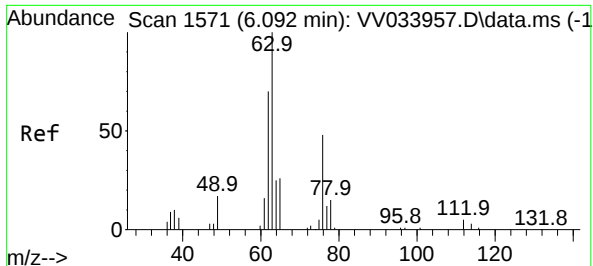
Ion Ratio Lower Upper

83 100

55 78.5 67.1 100.7

98 49.5 37.7 56.5





#37

1,2-Dichloropropane

Concen: 41.350 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

Instrument :

MSVOA_V

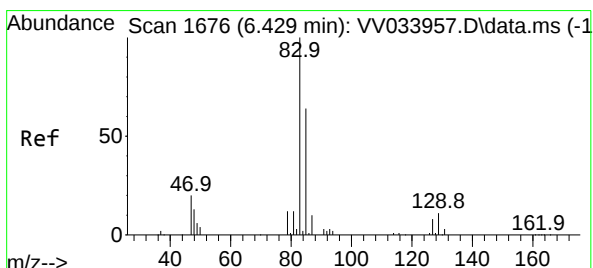
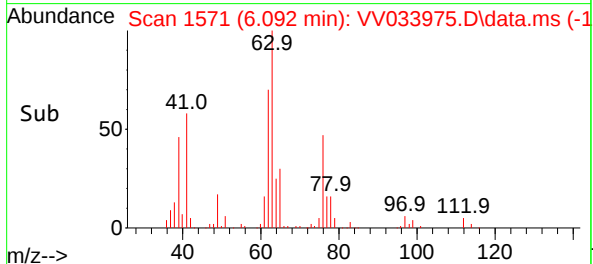
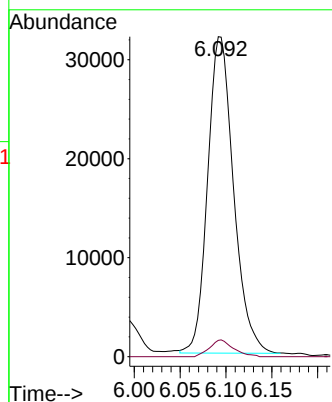
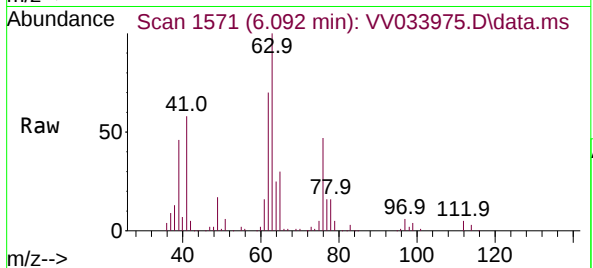
ClientSampleId :

Tgt Ion: 63 Resp: 62887

Ion Ratio Lower Upper

63 100

112 4.9 3.1 4.7#



#38

Bromodichloromethane

Concen: 46.556 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

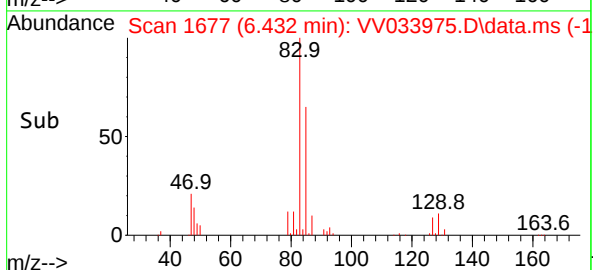
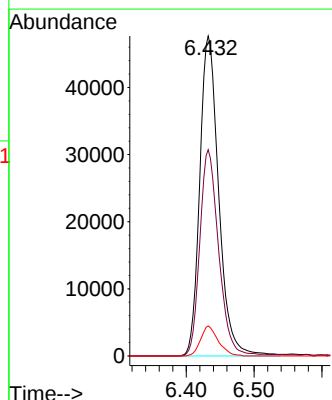
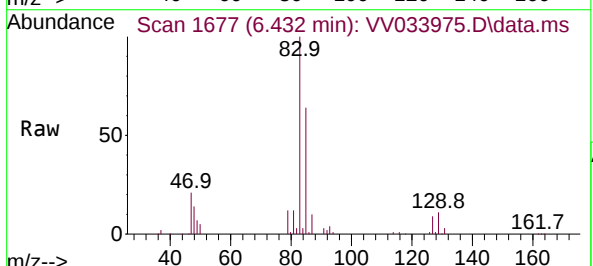
Tgt Ion: 83 Resp: 92625

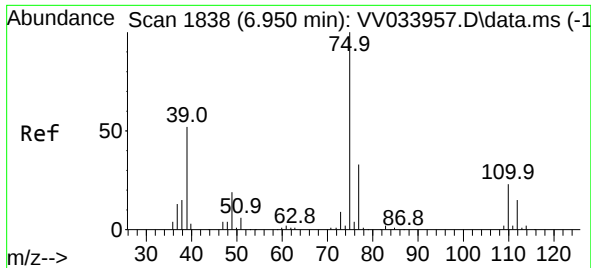
Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.7

127 9.4 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 43.178 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

Instrument :

MSVOA_V

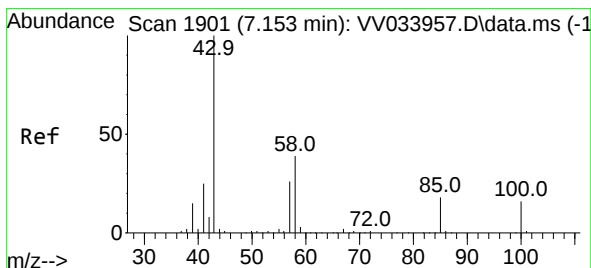
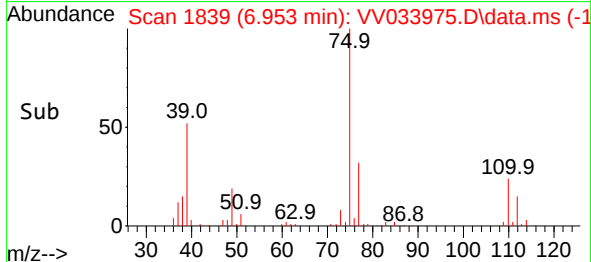
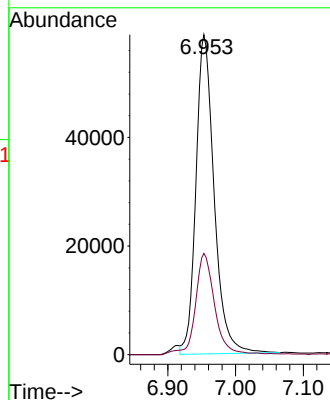
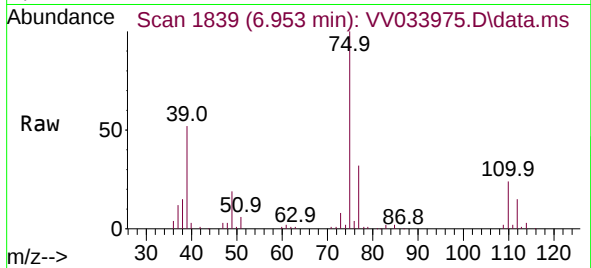
ClientSampleId :

Tgt Ion: 75 Resp: 109657

Ion Ratio Lower Upper

75 100

77 31.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 86.403 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

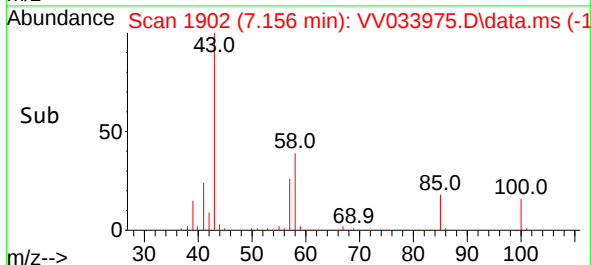
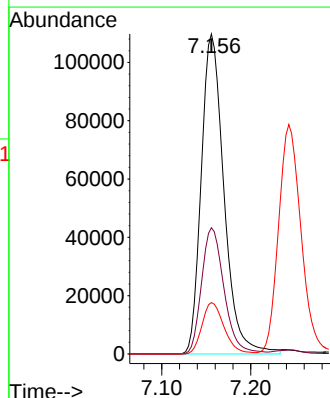
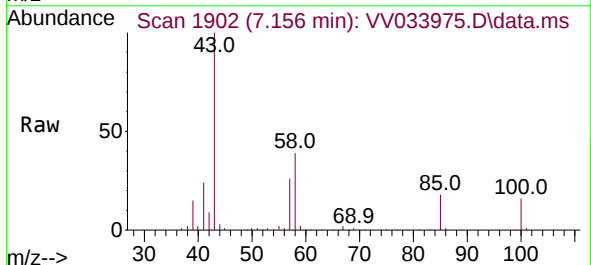
Tgt Ion: 43 Resp: 194708

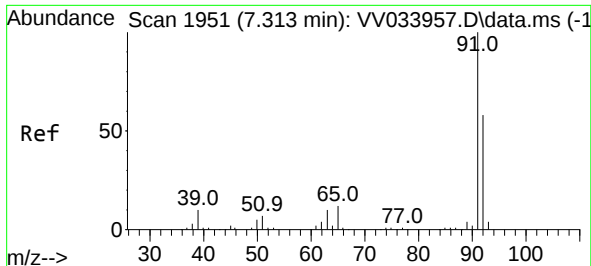
Ion Ratio Lower Upper

43 100

58 39.1 29.6 44.4

100 15.6 10.6 16.0

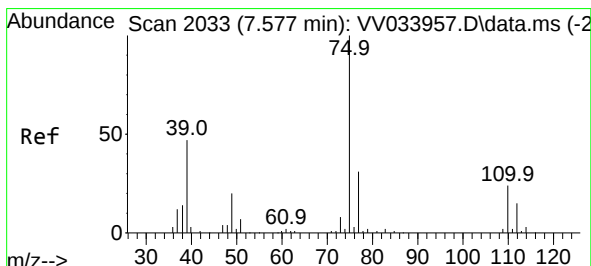
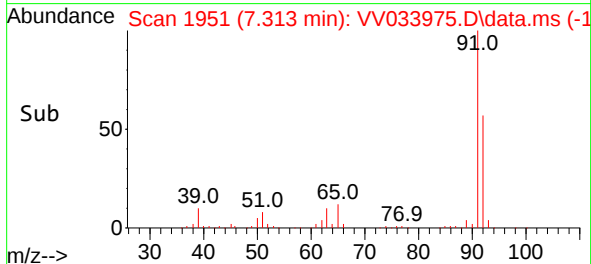
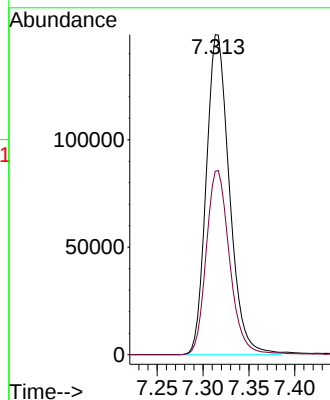
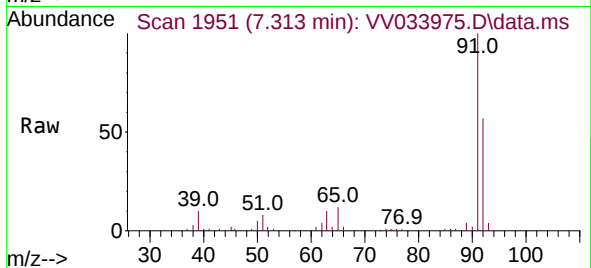




#42
Toluene
Concen: 44.762 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

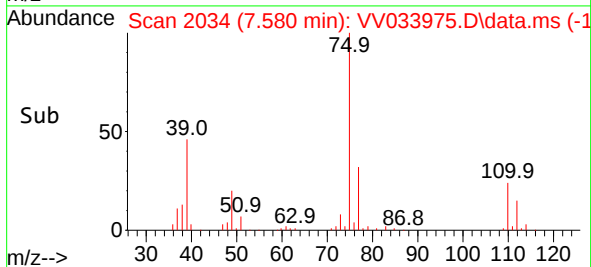
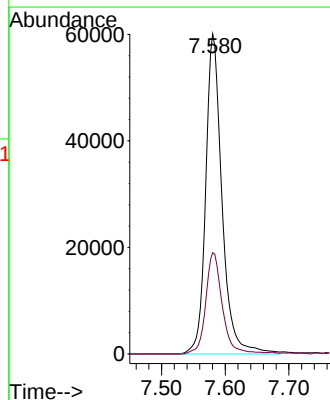
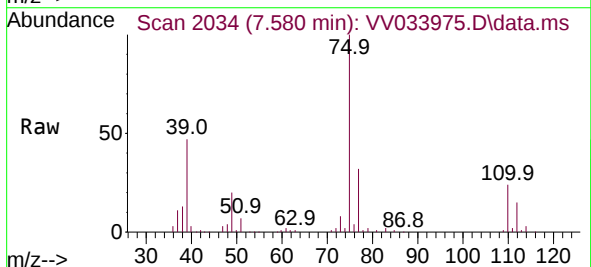
Instrument :
MSVOA_V
ClientSampleId :

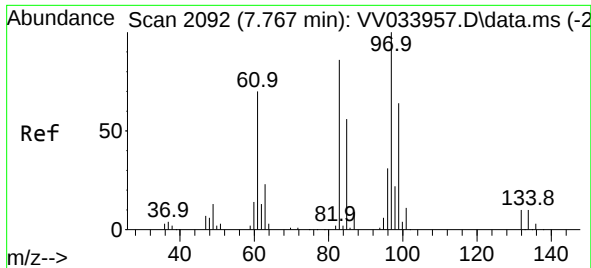
Tgt Ion: 91 Resp: 261510
Ion Ratio Lower Upper
91 100
92 57.3 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 45.669 ug/L
RT: 7.580 min Scan# 2034
Delta R.T. 0.003 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

Tgt Ion: 75 Resp: 106880
Ion Ratio Lower Upper
75 100
77 31.7 21.6 40.0



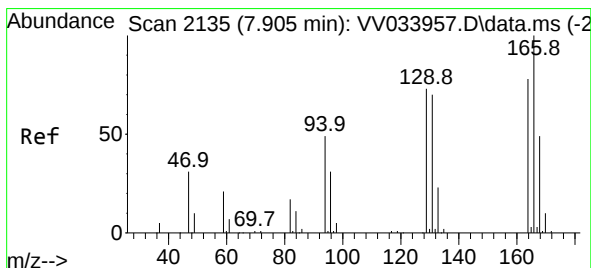
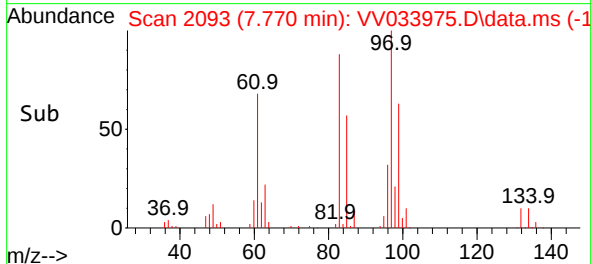
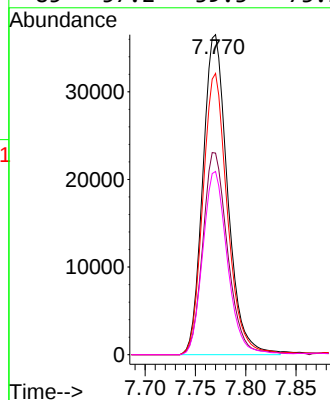
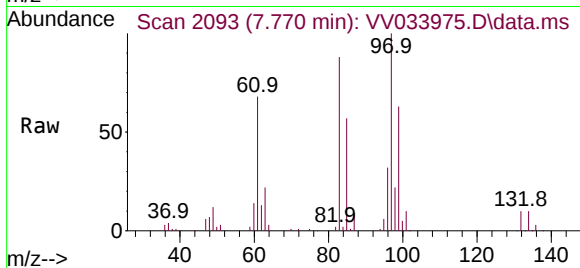


#45
1,1,2-Trichloroethane
Concen: 45.339 ug/L
RT: 7.770 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 62563

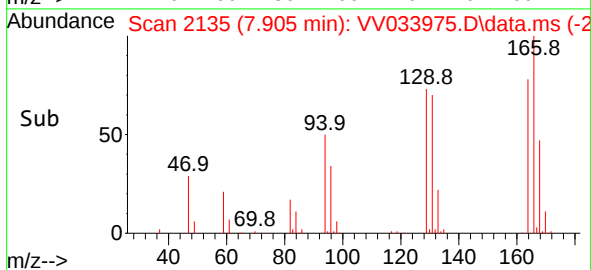
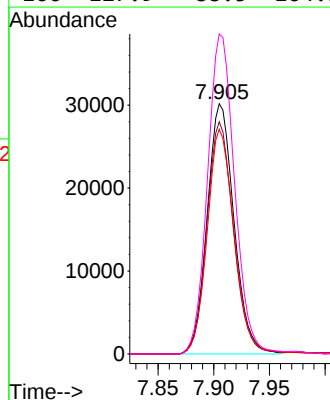
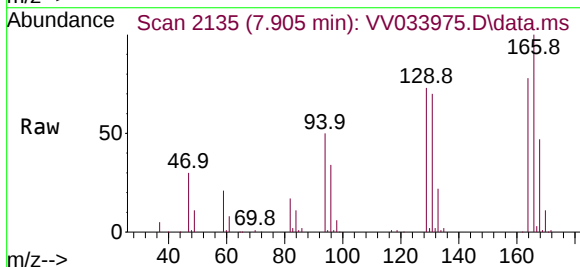
Ion	Ratio	Lower	Upper
97	100		
99	63.0	42.8	79.6
83	87.9	61.2	113.8
85	57.2	39.3	73.1

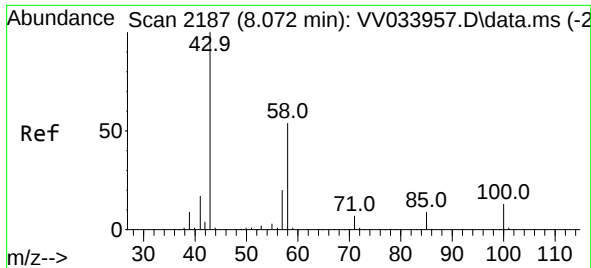


#46
Tetrachloroethene
Concen: 46.559 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

Tgt Ion: 164 Resp: 50628

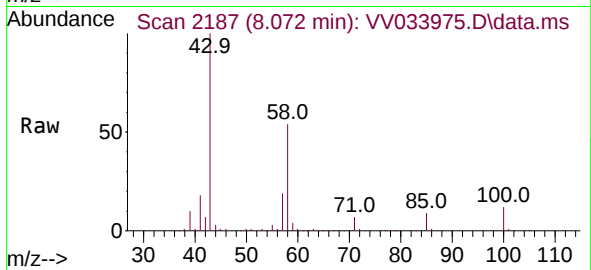
Ion	Ratio	Lower	Upper
164	100		
129	92.8	66.1	122.7
131	89.8	65.9	122.5
166	127.9	88.5	164.3





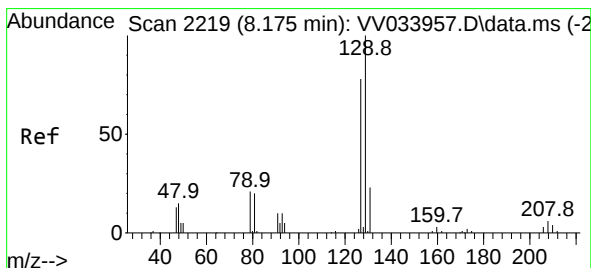
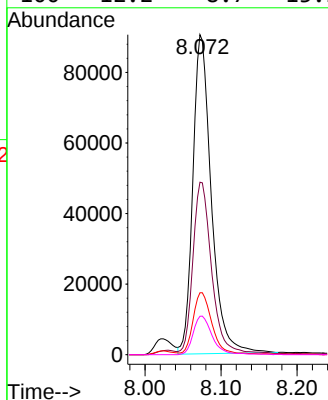
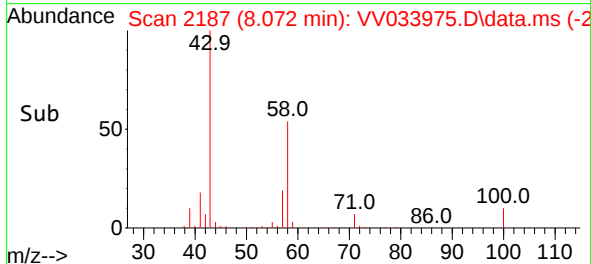
#48
2-Hexanone
Concen: 84.982 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 152594

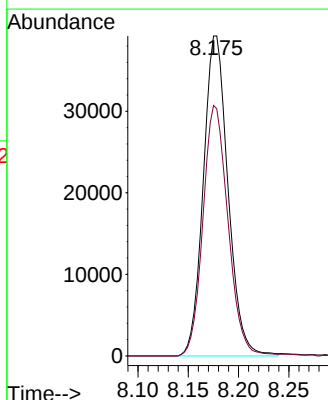
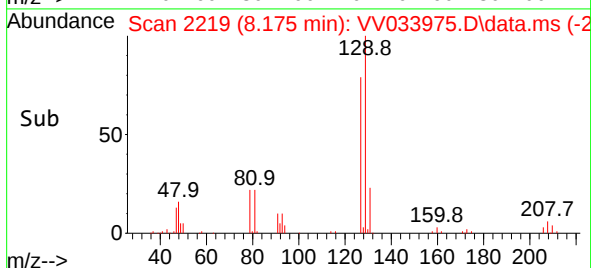
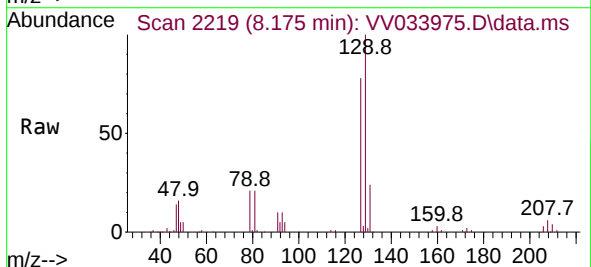
Ion	Ratio	Lower	Upper
43	100		
58	55.6	42.3	63.5
57	18.8	14.2	21.2
100	12.2	8.7	13.1

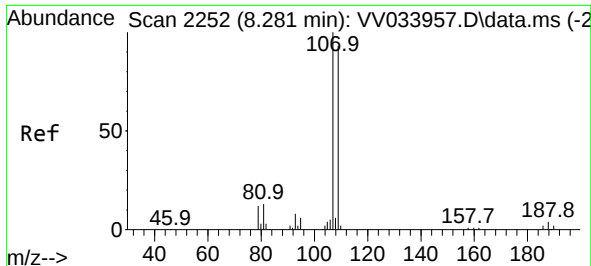


#49
Dibromochloromethane
Concen: 46.704 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

Tgt Ion: 129 Resp: 67121

Ion	Ratio	Lower	Upper
129	100		
127	78.3	54.5	101.3

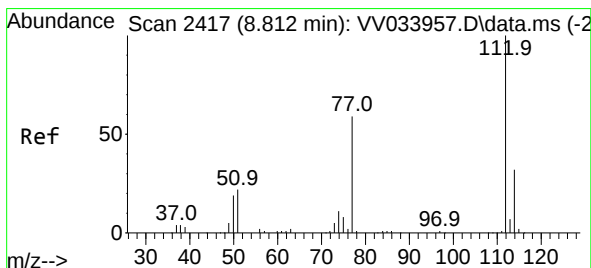
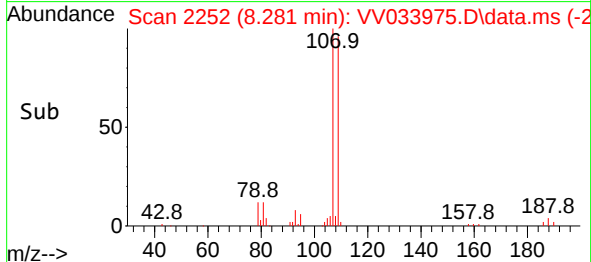
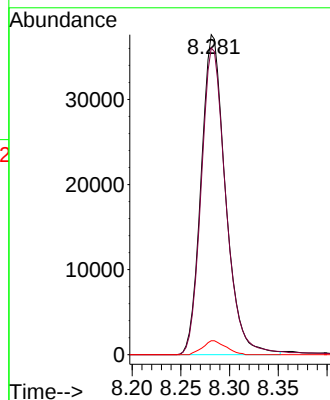
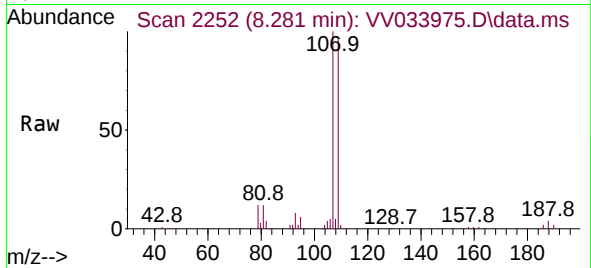




#50
1,2-Dibromoethane
Concen: 44.895 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

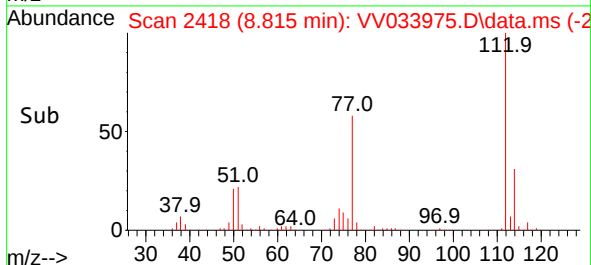
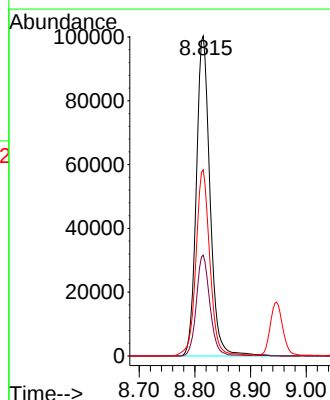
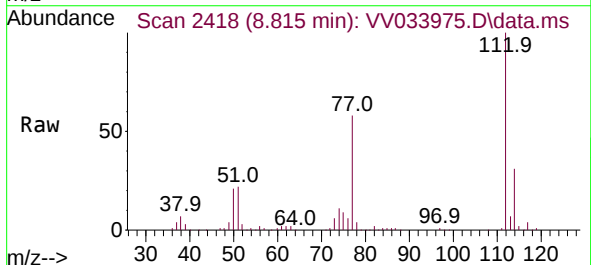
Instrument :
MSVOA_V
ClientSampleId :

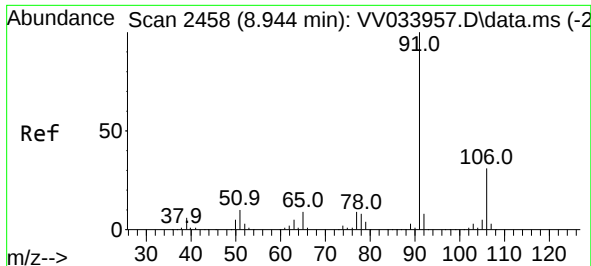
Tgt Ion:107 Resp: 65469
Ion Ratio Lower Upper
107 100
109 95.8 66.4 123.4
188 4.4 2.7 4.1#



#51
Chlorobenzene
Concen: 46.015 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

Tgt Ion:112 Resp: 171241
Ion Ratio Lower Upper
112 100
114 31.5 22.5 41.7
77 58.1 49.4 74.0

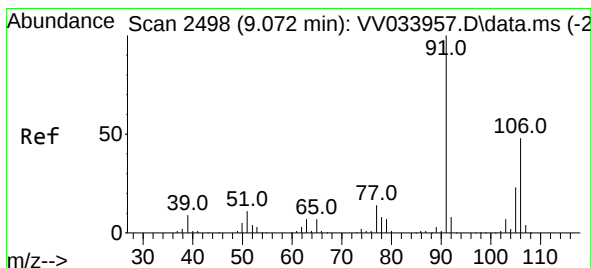
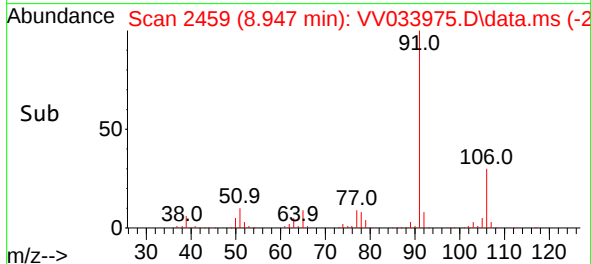
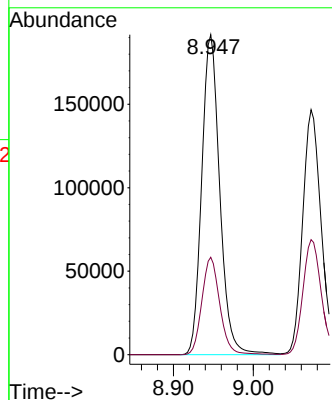
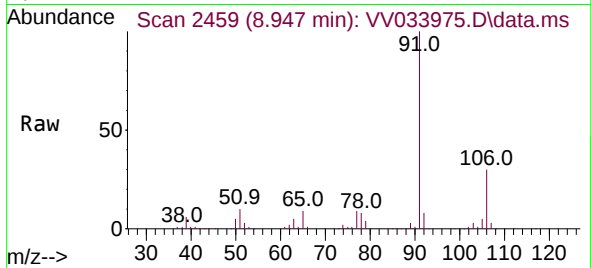




#52
Ethylbenzene
Concen: 44.528 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

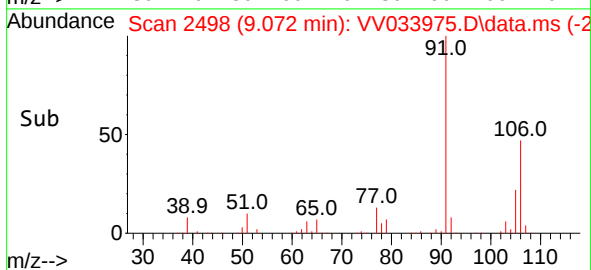
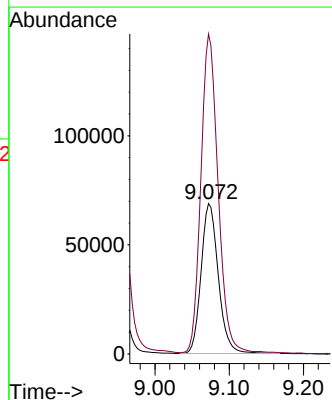
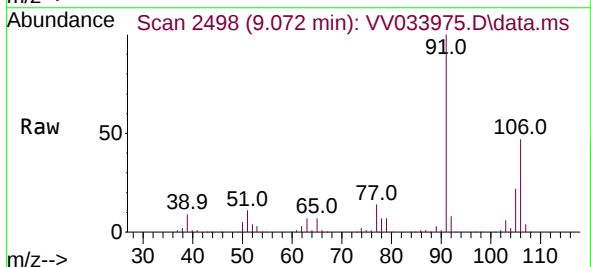
Instrument :
MSVOA_V
ClientSampleId :

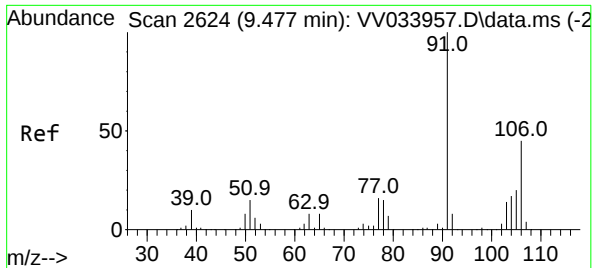
Tgt Ion: 91 Resp: 301305
Ion Ratio Lower Upper
91 100
106 30.5 21.5 39.9



#53
m,p-Xylene
Concen: 44.215 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

Tgt Ion:106 Resp: 110455
Ion Ratio Lower Upper
106 100
91 212.8 146.1 271.3

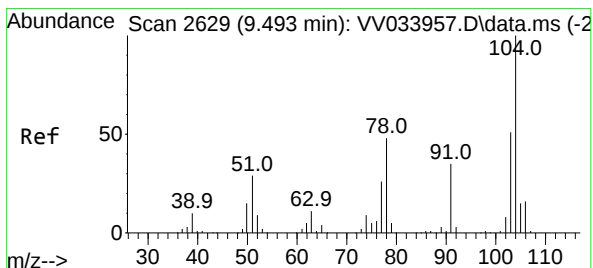
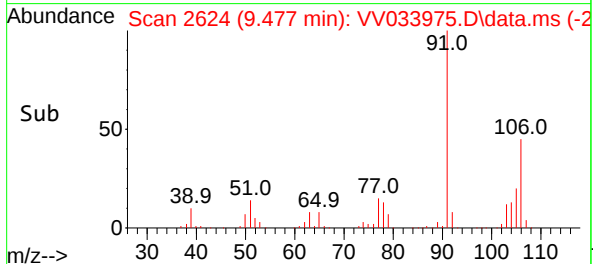
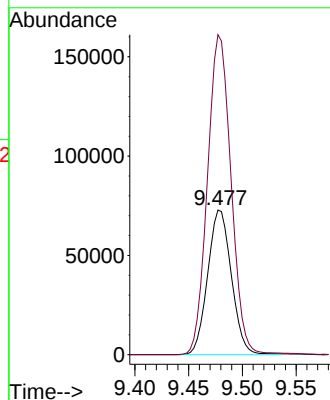
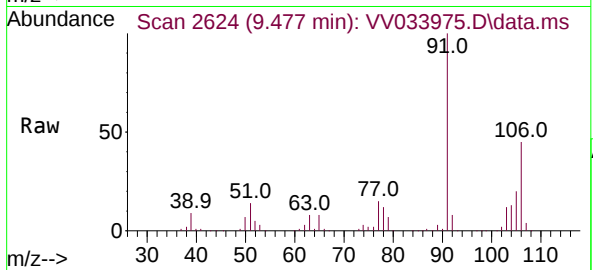




#54
o-Xylene
Concen: 45.259 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

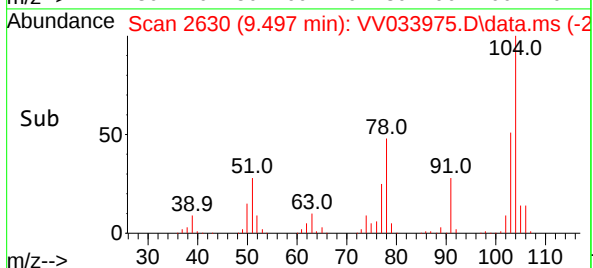
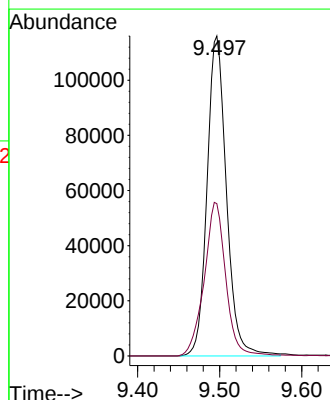
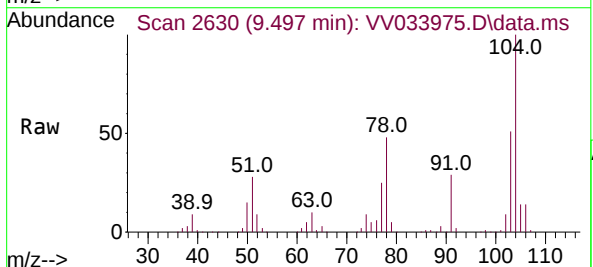
Instrument :
MSVOA_V
ClientSampleId :

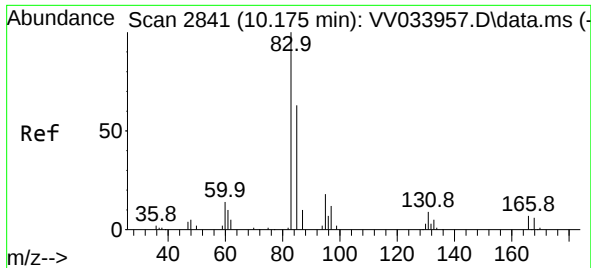
Tgt Ion:106 Resp: 111932
Ion Ratio Lower Upper
106 100
91 221.2 155.2 288.2



#55
Styrene
Concen: 44.629 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

Tgt Ion:104 Resp: 190560
Ion Ratio Lower Upper
104 100
78 47.6 33.0 61.4

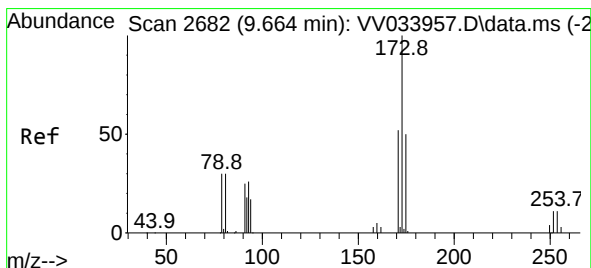
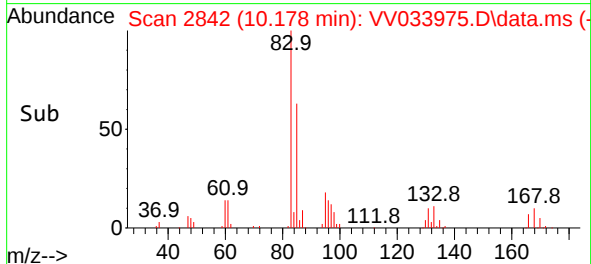
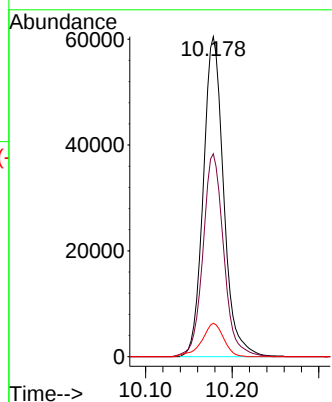
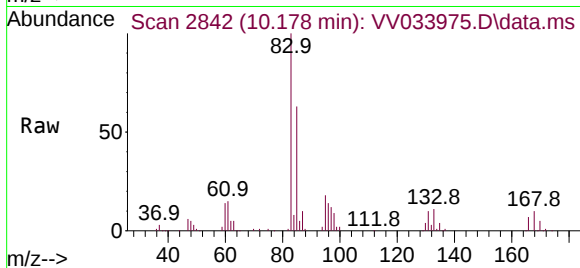




#57
1,1,2,2-Tetrachloroethane
Concen: 44.995 ug/L
RT: 10.178 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

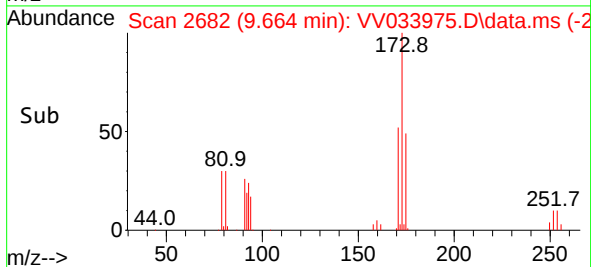
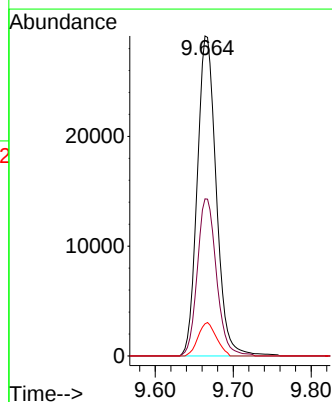
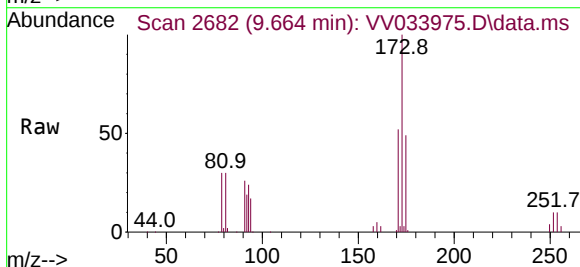
Instrument :
MSVOA_V
ClientSampleId :

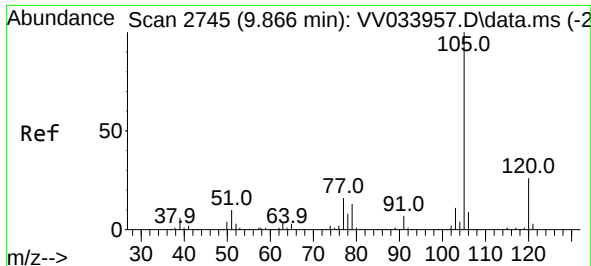
Tgt Ion:	83	Resp:	98811
Ion Ratio	Lower	Upper	
83	100		
85	63.4	44.9	83.5
131	10.5	7.5	11.3



#59
Bromoform
Concen: 46.794 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

Tgt Ion:	173	Resp:	49347
Ion Ratio	Lower	Upper	
173	100		
175	49.4	37.2	55.8
254	10.0	7.4	11.0

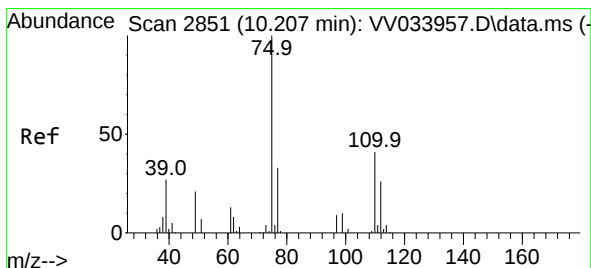
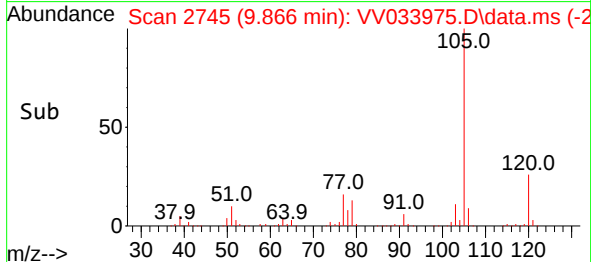
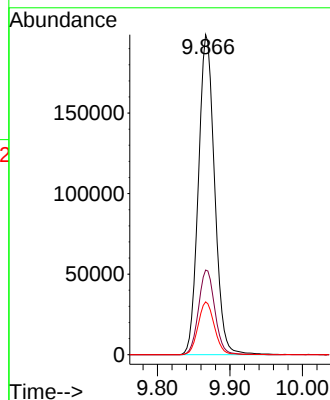
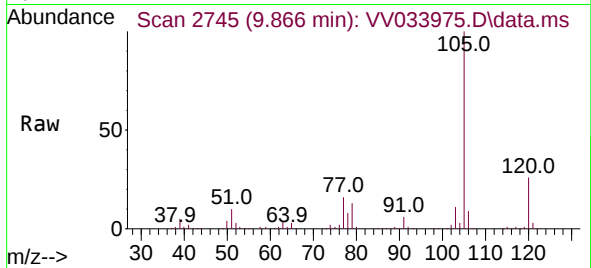




#60
Isopropylbenzene
Concen: 45.854 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

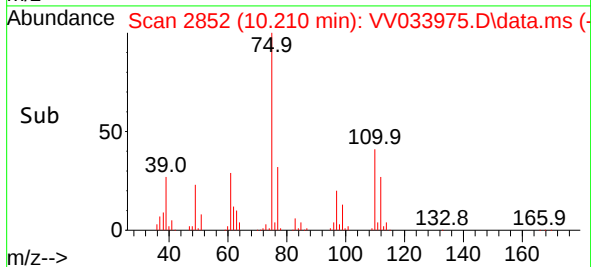
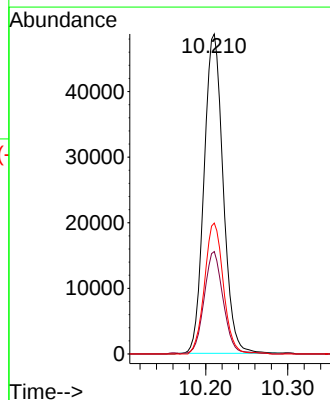
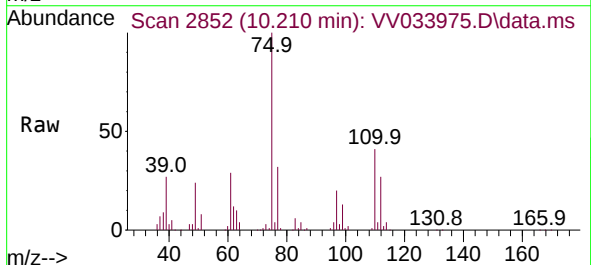
Instrument :
MSVOA_V
ClientSampleId :

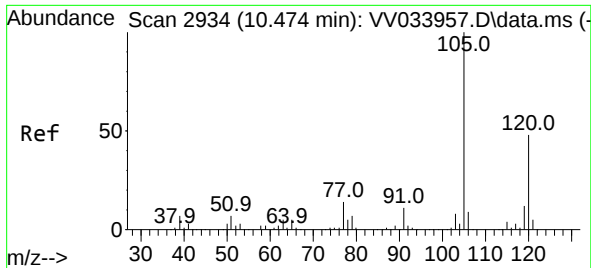
Tgt Ion:105 Resp: 307835
Ion Ratio Lower Upper
105 100
120 26.7 20.6 31.0
77 16.6 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 44.730 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

Tgt Ion: 75 Resp: 78767
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
110 40.4 29.5 44.3

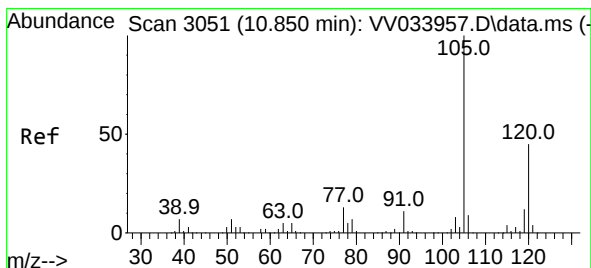
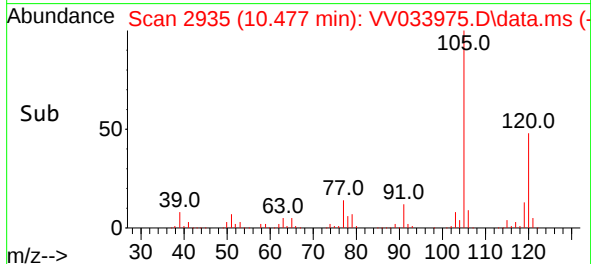
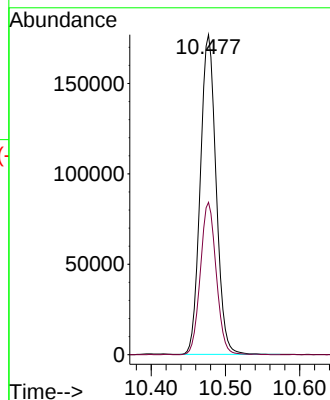
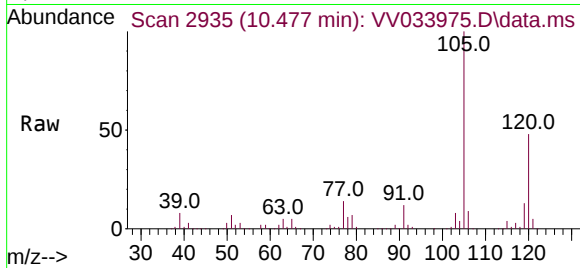




#62
 1,3,5-Trimethylbenzene
 Concen: 45.453 ug/L
 RT: 10.477 min Scan# 2934
 Delta R.T. 0.003 min
 Lab File: VV033975.D
 Acq: 02 Feb 2024 17:16

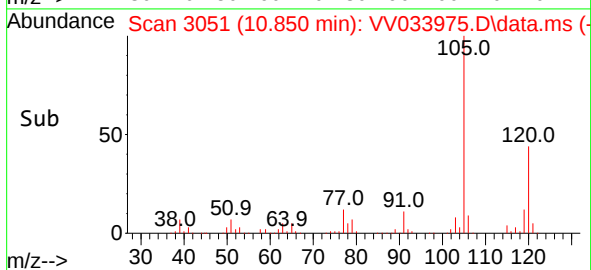
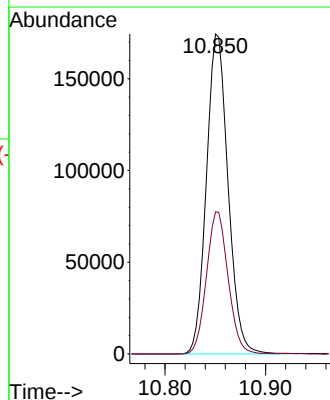
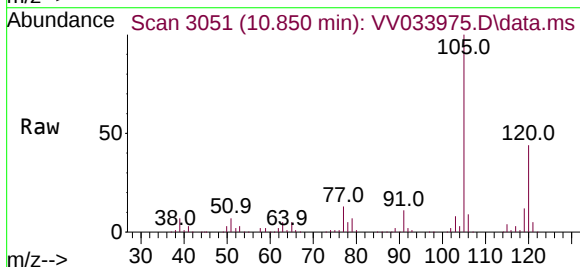
Instrument :
 MSVOA_V
 ClientSampleId :

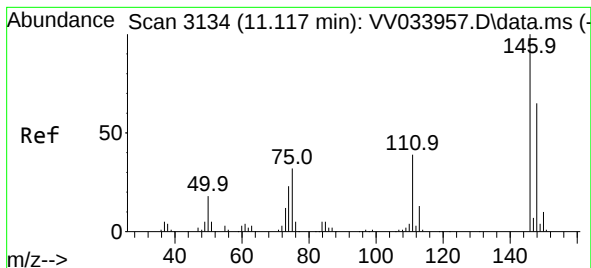
Tgt Ion:105 Resp: 261811
 Ion Ratio Lower Upper
 105 100
 120 47.7 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 45.466 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. -0.000 min
 Lab File: VV033975.D
 Acq: 02 Feb 2024 17:16

Tgt Ion:105 Resp: 260944
 Ion Ratio Lower Upper
 105 100
 120 44.4 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 45.875 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

Instrument :

MSVOA_V

ClientSampleId :

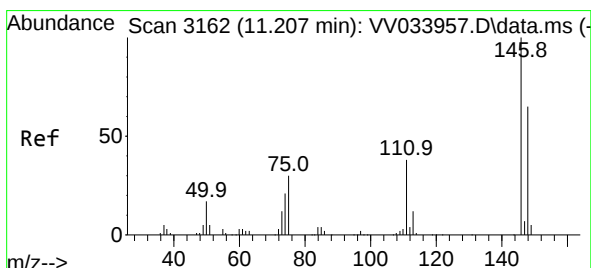
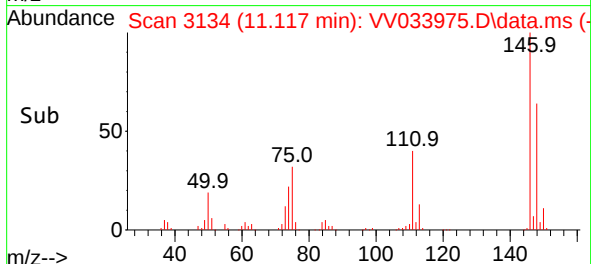
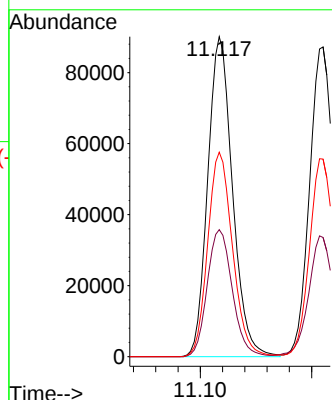
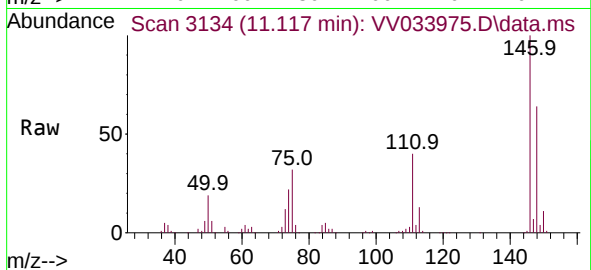
Tgt Ion:146 Resp: 139110

Ion Ratio Lower Upper

146 100

111 39.7 29.0 53.8

148 63.9 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 45.372 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

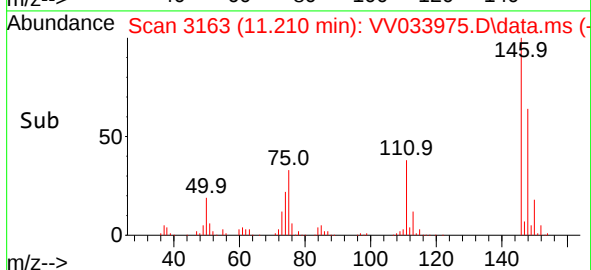
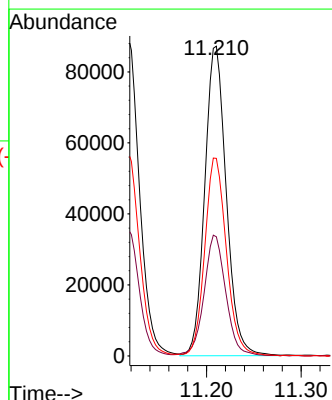
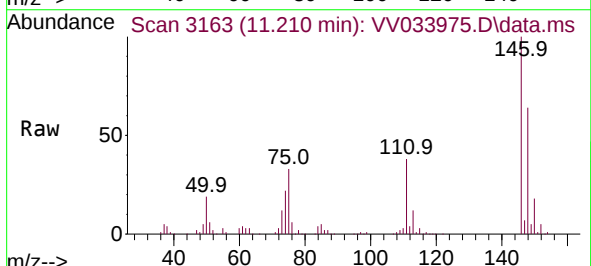
Tgt Ion:146 Resp: 137955

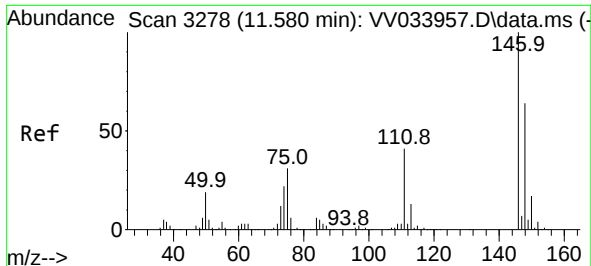
Ion Ratio Lower Upper

146 100

111 38.5 27.7 51.5

148 63.8 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 47.054 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

Instrument :

MSVOA_V

ClientSampleId :

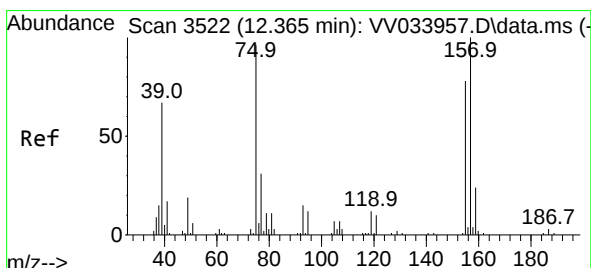
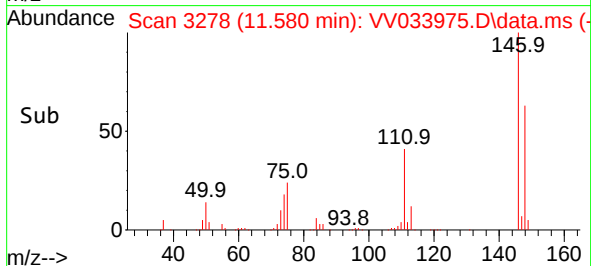
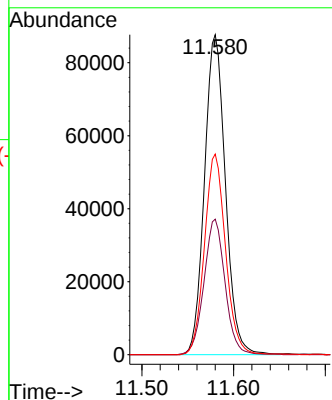
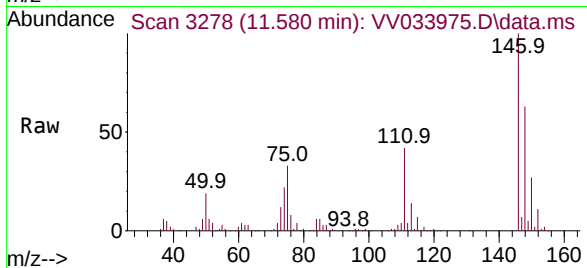
Tgt Ion:146 Resp: 139419

Ion Ratio Lower Upper

146 100

111 42.3 35.4 53.0

148 62.7 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 47.139 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

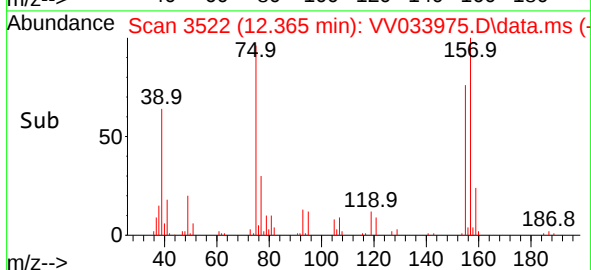
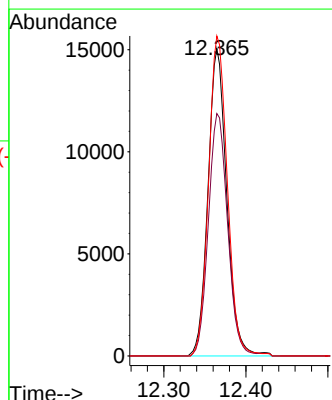
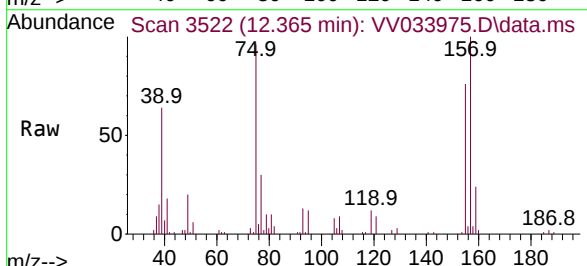
Tgt Ion: 75 Resp: 23954

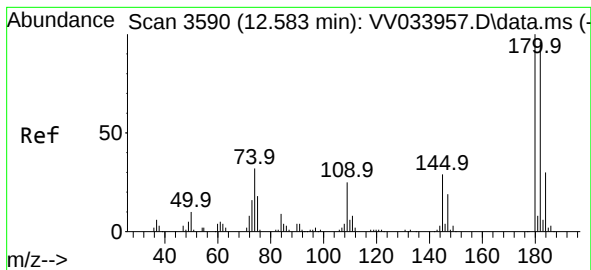
Ion Ratio Lower Upper

75 100

155 78.8 61.6 92.4

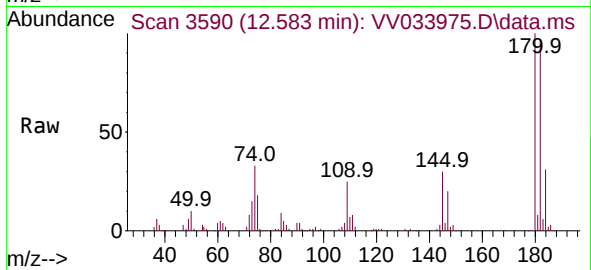
157 104.1 79.2 118.8



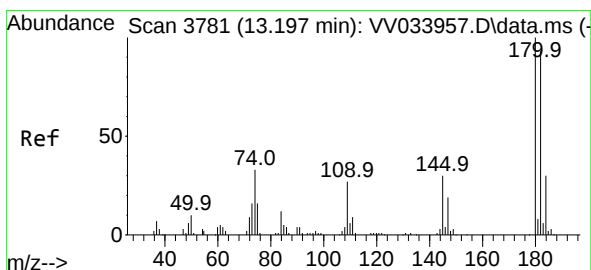
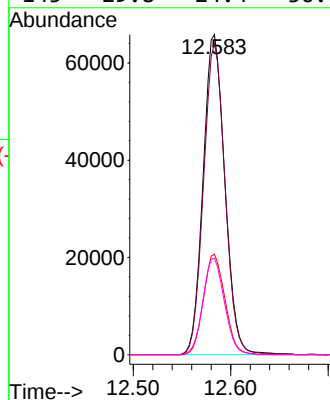
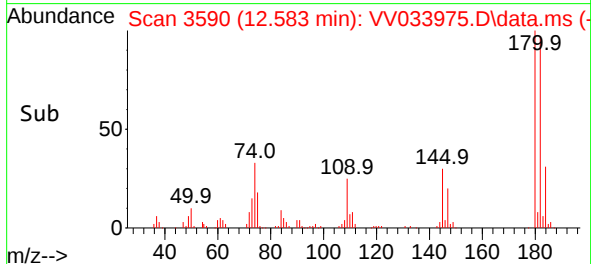


#69
1,3,5-Trichlorobenzene
Concen: 45.549 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. -0.000 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16

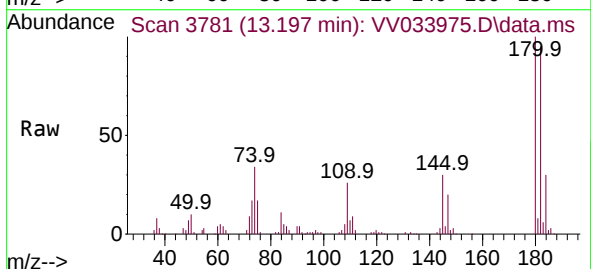
Instrument :
MSVOA_V
ClientSampleId :



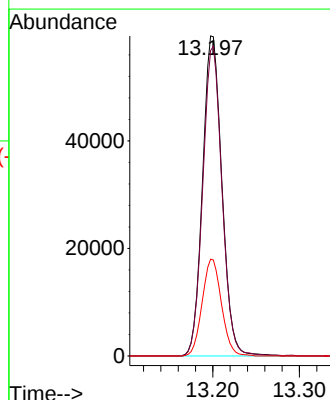
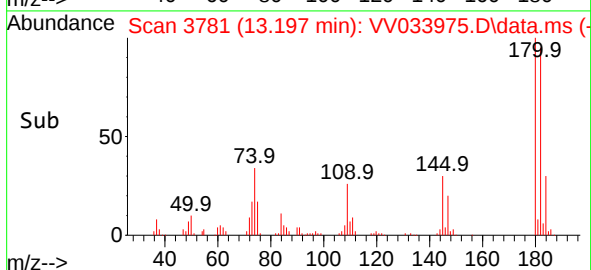
Tgt Ion:180 Resp: 102067
Ion Ratio Lower Upper
180 100
182 95.8 76.2 114.2
184 30.9 23.9 35.9
145 29.8 24.4 36.6

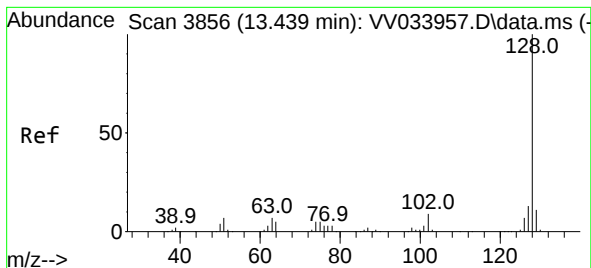


#70
1,2,4-trichlorobenzene
Concen: 45.484 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. -0.000 min
Lab File: VV033975.D
Acq: 02 Feb 2024 17:16



Tgt Ion:180 Resp: 92507
Ion Ratio Lower Upper
180 100
182 96.0 76.3 114.5
145 30.1 25.4 38.0





#71

Naphthalene

Concen: 44.564 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

Instrument :

MSVOA_V

ClientSampleId :

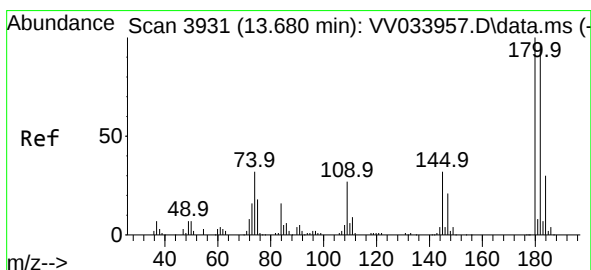
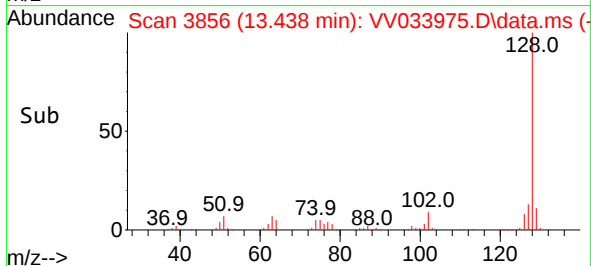
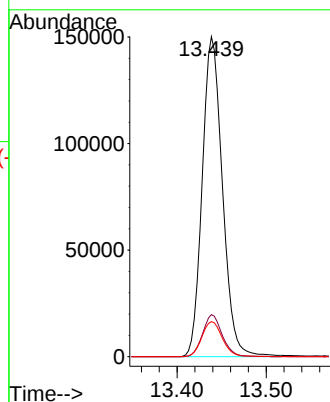
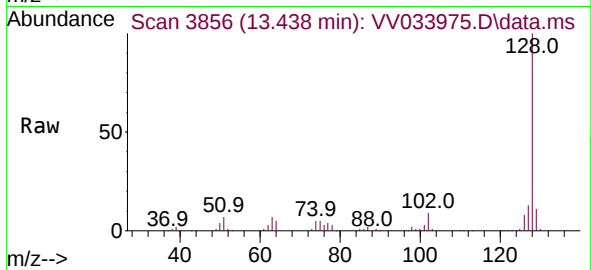
Tgt Ion:128 Resp: 236840

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 48.248 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV033975.D

Acq: 02 Feb 2024 17:16

Tgt Ion:180 Resp: 91592

Ion Ratio Lower Upper

180 100

182 94.4 76.0 114.0

145 31.5 26.3 39.5

