

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
 Data File : VV034925.D
 Acq On : 02 Apr 2024 11:00
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 03 05:14:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 05:08:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	220088	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	211496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	107413	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	84756	4.673	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.532	69	68732	4.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.059	65	38056	4.620	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	3.812	46	106564	37.549	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.100%
24) Chloroform-d	4.249	84	139239	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.944	65	62143	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	4.960	84	276477	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	5.989	67	81939	5.046	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.243	98	256135	5.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	7.554	79	29065	5.039	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.027	63	101183	51.110	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.220%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	55436	4.893	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	83898	4.959	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	84588	4.994	ug/L	100
3) Chloromethane	1.214	50	99452	4.841	ug/L	100
5) Vinyl chloride	1.281	62	108301	4.929	ug/L	100
6) Bromomethane	1.490	94	59971	4.781	ug/L	97
8) Chloroethane	1.551	64	69003	4.885	ug/L	100
9) Trichlorofluoromethane	1.712	101	147857	5.063	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	88632	4.954	ug/L	99
12) 1,1-Dichloroethene	2.069	96	81884	4.900	ug/L	98
13) Acetone	2.133	43	78527	37.931	ug/L	71
14) Carbon disulfide	2.240	76	244056	4.903	ug/L	99
15) Methyl Acetate	2.384	43	25984	4.547	ug/L	95
16) Methylene chloride	2.445	84	85976	4.690	ug/L	95
17) Methyl tert-butyl Ether	2.703	73	181150	5.035	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	83120	5.019	ug/L	94
19) 1,1-Dichloroethane	3.111	63	163699	5.009	ug/L	99
21) 2-Butanone	3.895	43	130757	39.408	ug/L #	81
22) cis-1,2-Dichloroethene	3.815	96	86532	4.989	ug/L	98
23) Bromochloromethane	4.146	128	36862	5.061	ug/L	97
25) Chloroform	4.275	83	159383	4.911	ug/L	100

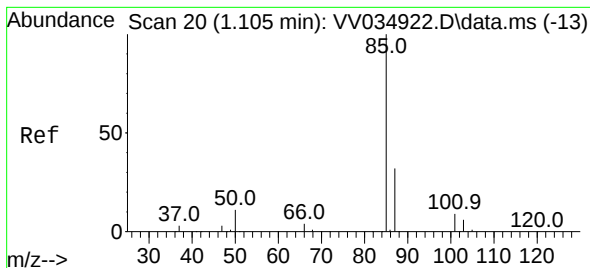
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	91860	5.030	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	134172	5.176	ug/L	97
30) Cyclohexane	4.580	56	129353	5.417	ug/L	99
31) Carbon tetrachloride	4.735	117	113965	5.137	ug/L	99
33) Benzene	5.008	78	342064	5.283	ug/L	100
34) Trichloroethene	5.834	95	89117	5.283	ug/L	97
35) Methylcyclohexane	6.050	83	135788	5.285	ug/L	99
37) 1,2-Dichloropropane	6.091	63	89028	5.303	ug/L	100
38) Bromodichloromethane	6.432	83	112920	5.332	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	125181	5.551	ug/L	94
40) 4-Methyl-2-pentanone	7.156	43	410758	54.226	ug/L	99
42) Toluene	7.313	91	369202	5.424	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	102166	5.465	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	57778	5.238	ug/L	99
47) Tetrachloroethene	7.902	164	66454	5.243	ug/L	98
48) 2-Hexanone	8.075	43	314623	55.019	ug/L	97
49) Dibromochloromethane	8.175	129	66926	5.154	ug/L	97
50) 1,2-Dibromoethane	8.281	107	54877	5.284	ug/L	100
51) Chlorobenzene	8.812	112	230941	5.252	ug/L	99
52) Ethylbenzene	8.943	91	398232	5.417	ug/L	100
53) m,p-Xylene	9.072	106	145030	5.373	ug/L	100
54) o-Xylene	9.477	106	144227	5.445	ug/L	97
55) Styrene	9.496	104	238193	5.593	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	69217	5.250	ug/L	97
59) Bromoform	9.667	173	34842	5.219	ug/L	100
60) Isopropylbenzene	9.866	105	363582	5.415	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	51572	5.143	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	297963	5.403	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	314032	5.613	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	181006	5.283	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	175187	5.105	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	166962	5.275	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	10614	5.149	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	136926	5.323	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	117877	5.899	ug/L	99
71) Naphthalene	13.438	128	218634	7.785	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	107030	6.090	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 4.994 ug/L

RT: 1.108 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034925.D

Acq: 02 Apr 2024 11:00

Instrument :

MSVOA_V

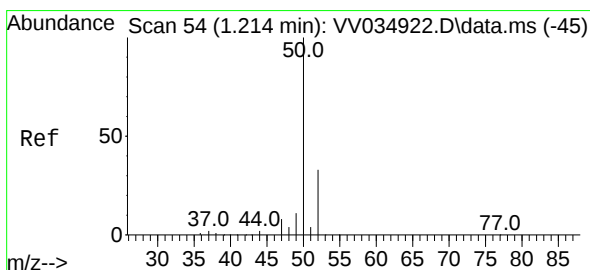
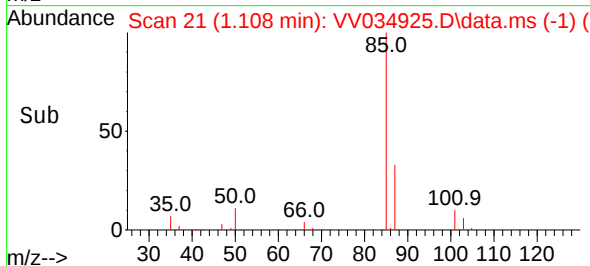
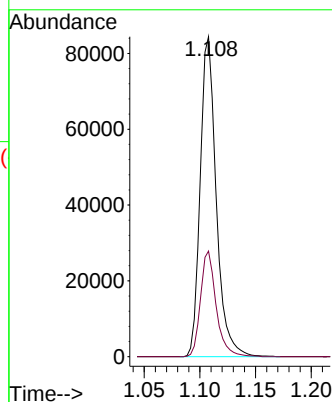
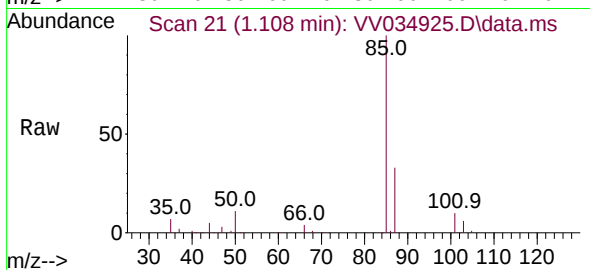
ClientSampleId :

Tgt Ion: 85 Resp: 84588

Ion Ratio Lower Upper

85 100

87 32.2 25.7 38.5



#3

Chloromethane

Concen: 4.841 ug/L

RT: 1.214 min Scan# 54

Delta R.T. -0.000 min

Lab File: VV034925.D

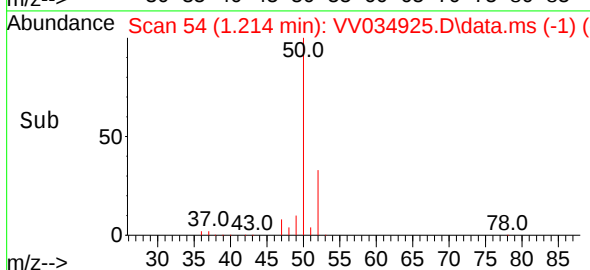
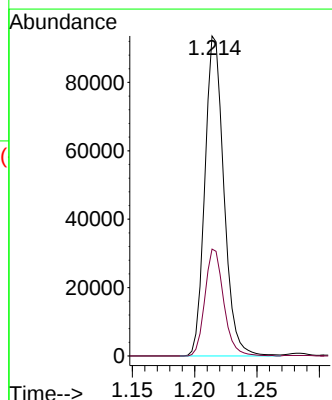
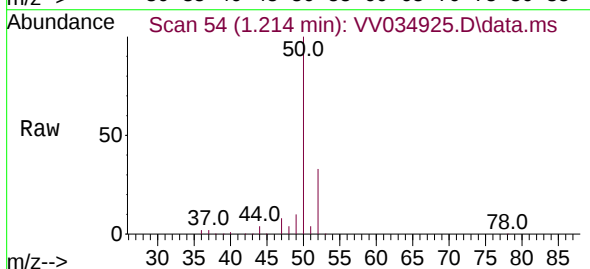
Acq: 02 Apr 2024 11:00

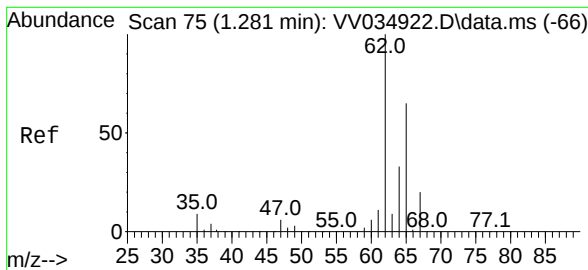
Tgt Ion: 50 Resp: 99452

Ion Ratio Lower Upper

50 100

52 33.4 23.4 43.4

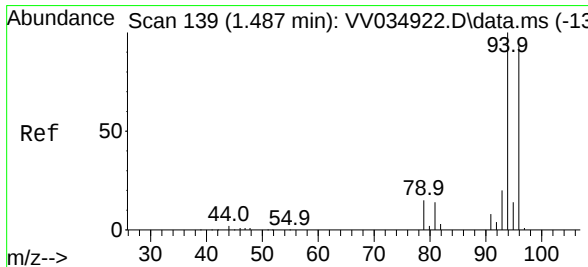
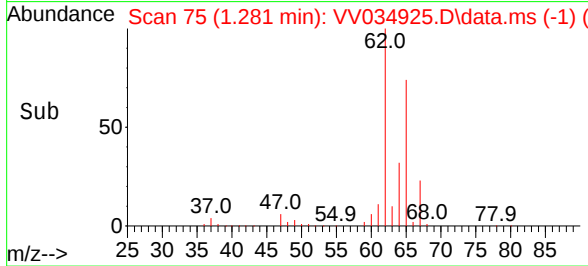
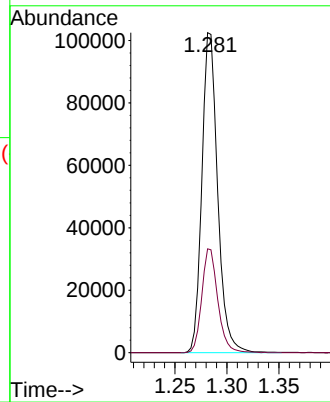
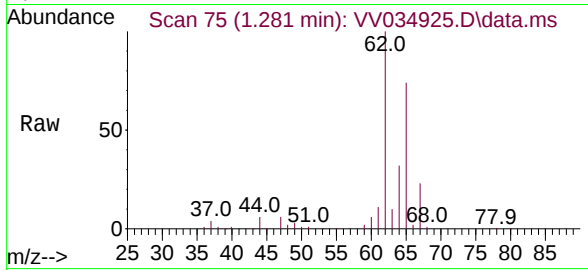




#5
 Vinyl chloride
 Concen: 4.929 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV034925.D
 Acq: 02 Apr 2024 11:00

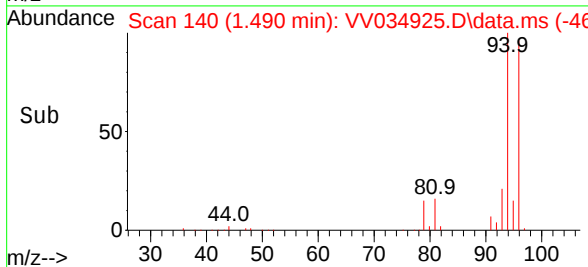
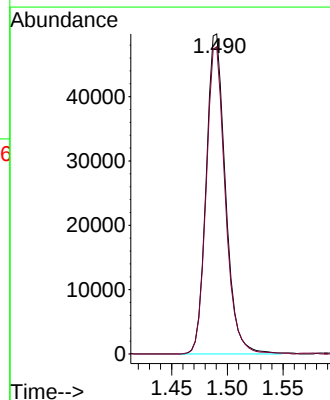
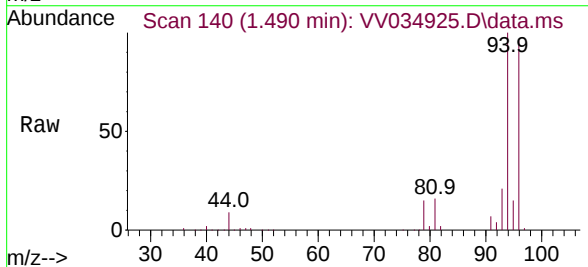
Instrument :
 MSVOA_V
 ClientSampleId :

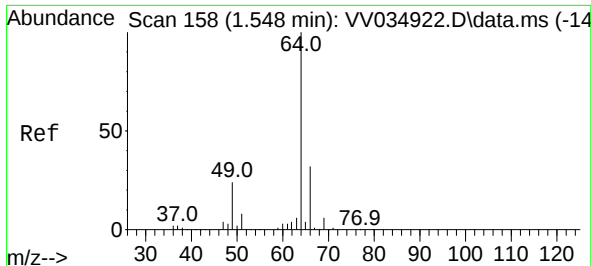
Tgt Ion: 62 Resp: 108301
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.9 42.5



#6
 Bromomethane
 Concen: 4.781 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. 0.003 min
 Lab File: VV034925.D
 Acq: 02 Apr 2024 11:00

Tgt Ion: 94 Resp: 59971
 Ion Ratio Lower Upper
 94 100
 96 96.0 65.4 121.4

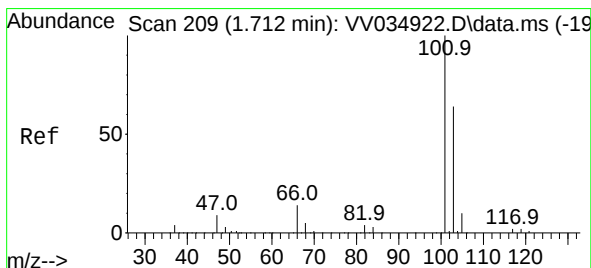
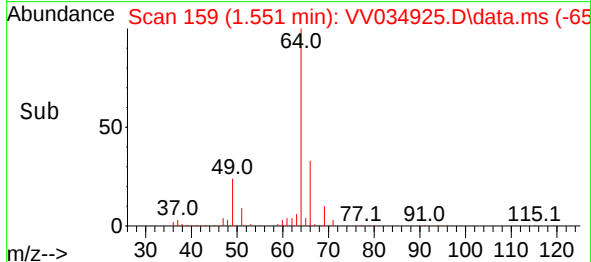
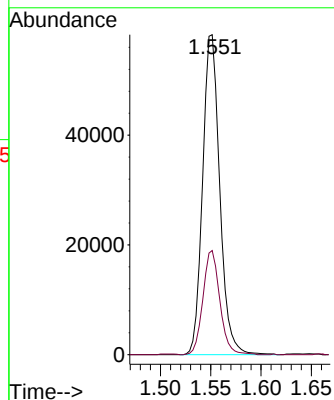
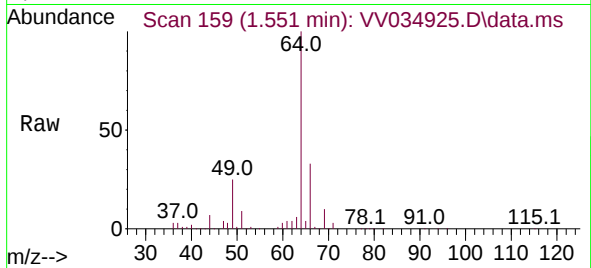




#8
Chloroethane
Concen: 4.885 ug/L
RT: 1.551 min Scan# 158
Delta R.T. 0.003 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

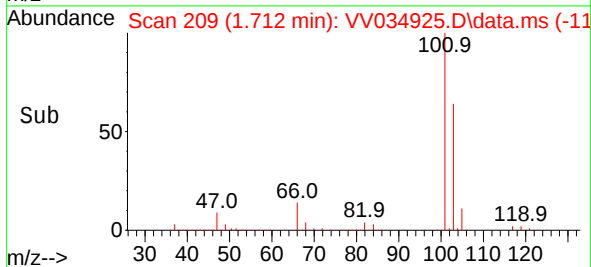
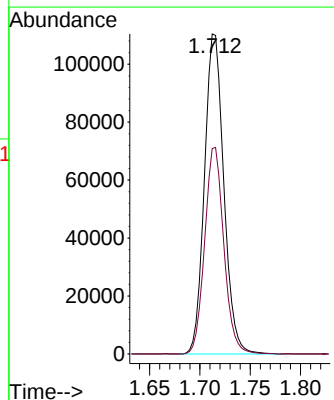
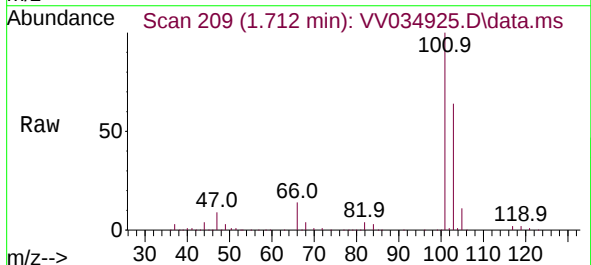
Instrument :
MSVOA_V
ClientSampleId :

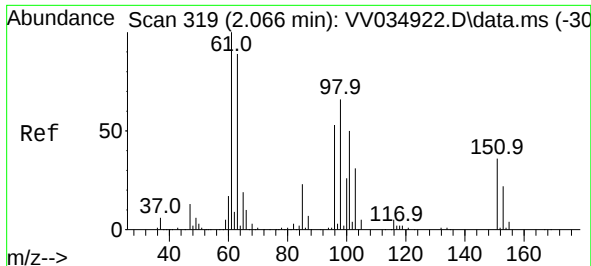
Tgt Ion: 64 Resp: 69003
Ion Ratio Lower Upper
64 100
66 32.5 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.063 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

Tgt Ion:101 Resp: 147857
Ion Ratio Lower Upper
101 100
103 63.8 51.9 77.9





#10

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

Concen: 4.954 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV034925.D

Acq: 02 Apr 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :

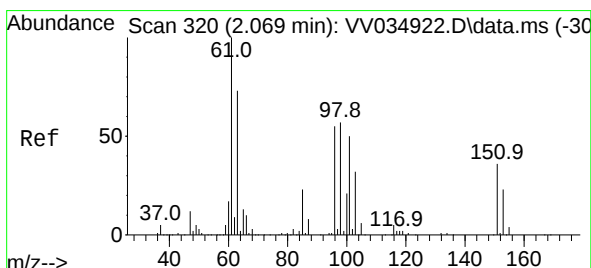
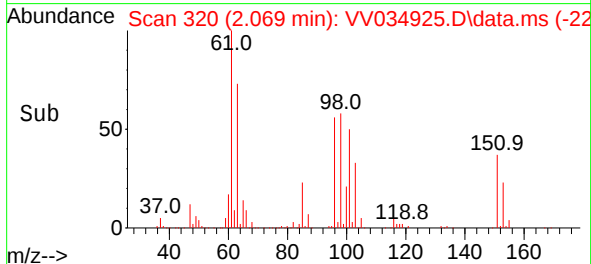
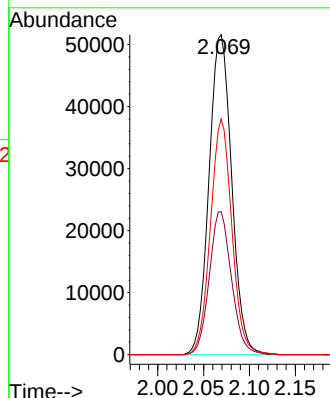
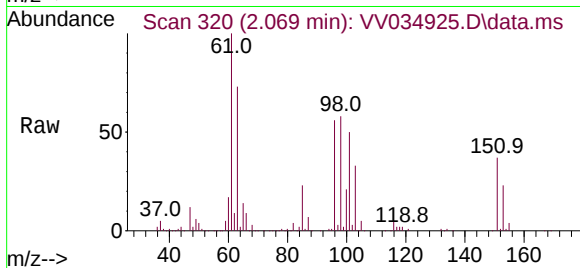
Tgt Ion:101 Resp: 88632

Ion Ratio Lower Upper

101 100

85 43.7 36.2 54.4

151 69.8 56.0 84.0



#12

1,1-Dichloroethene

Concen: 4.900 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV034925.D

Acq: 02 Apr 2024 11:00

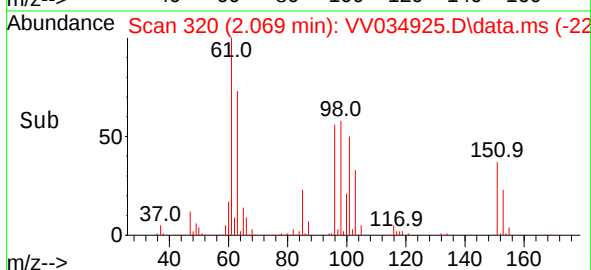
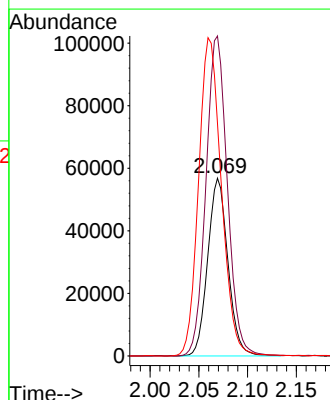
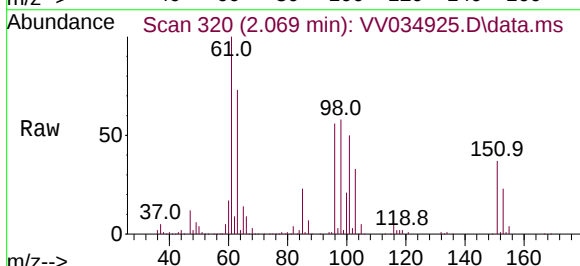
Tgt Ion: 96 Resp: 81884

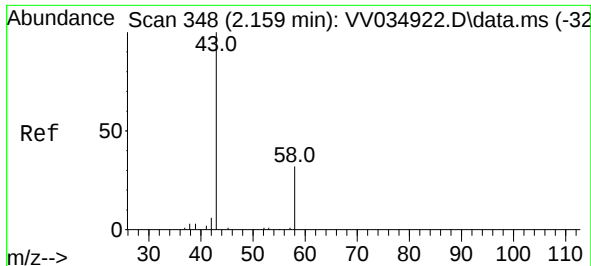
Ion Ratio Lower Upper

96 100

61 180.0 128.1 237.9

63 130.9 93.5 173.7





#13

Acetone

Concen: 37.931 ug/L

RT: 2.133 min Scan# 348

Delta R.T. -0.026 min

Lab File: VV034925.D

Acq: 02 Apr 2024 11:00

Instrument :

MSVOA_V

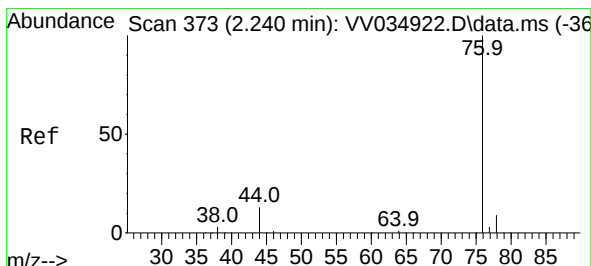
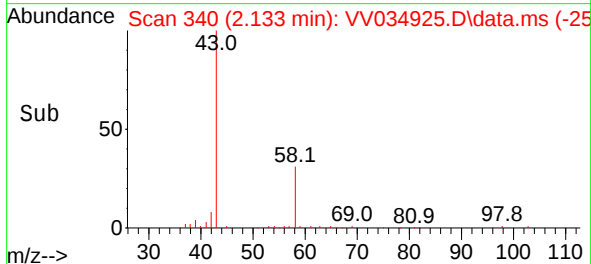
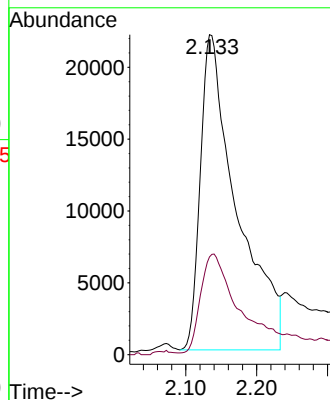
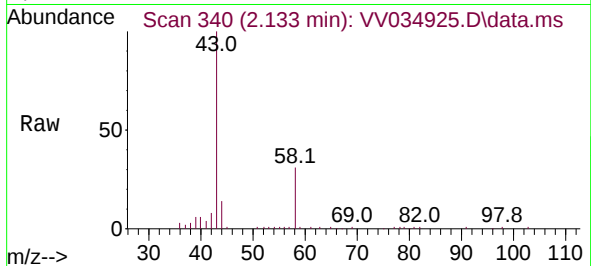
ClientSampleId :

Tgt Ion: 43 Resp: 78527

Ion Ratio Lower Upper

43 100

58 33.7 0.0 40.8



#14

Carbon disulfide

Concen: 4.903 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034925.D

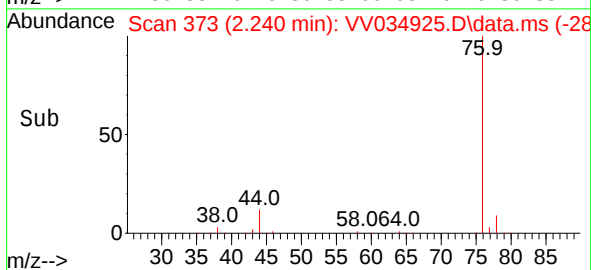
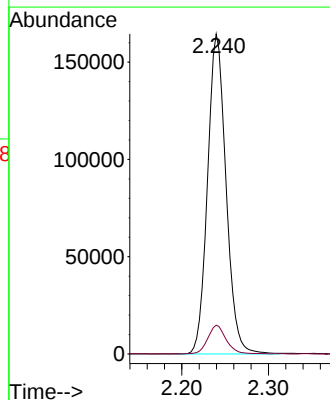
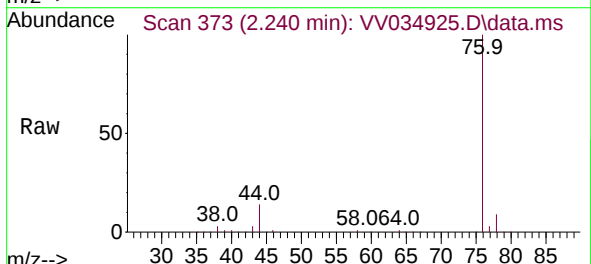
Acq: 02 Apr 2024 11:00

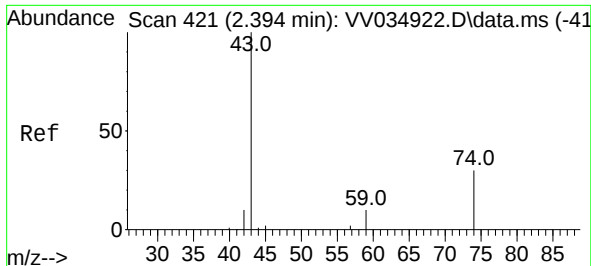
Tgt Ion: 76 Resp: 244056

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

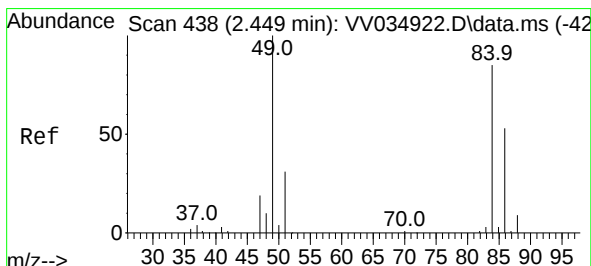
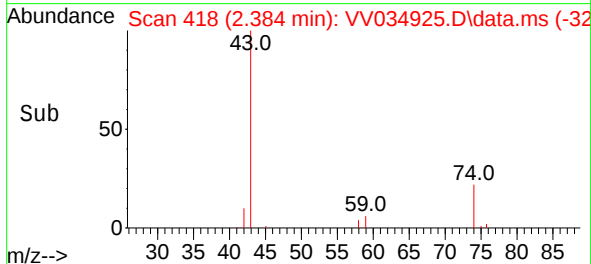
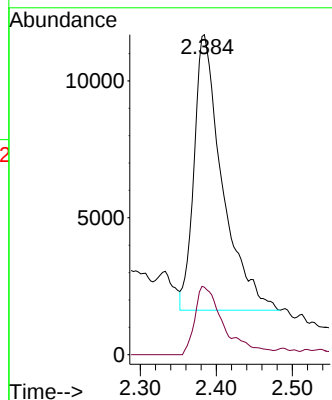
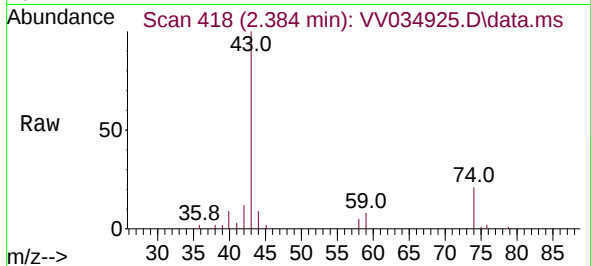




#15
Methyl Acetate
Concen: 4.547 ug/L
RT: 2.384 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

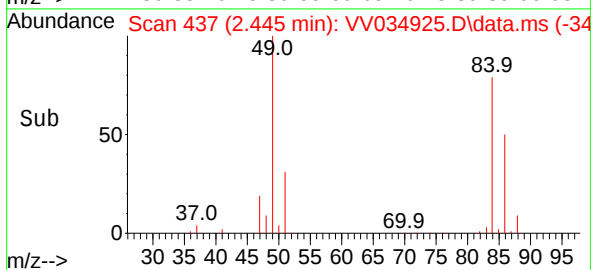
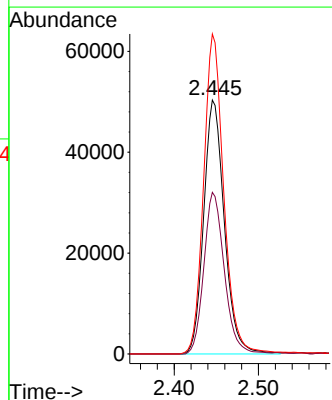
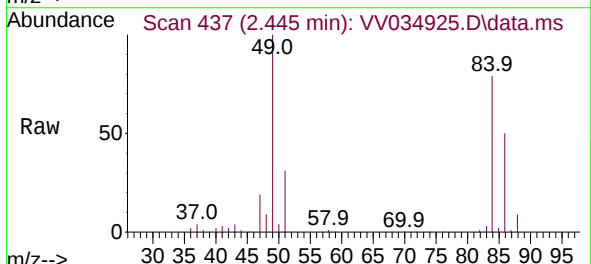
Instrument :
MSVOA_V
ClientSampleId :

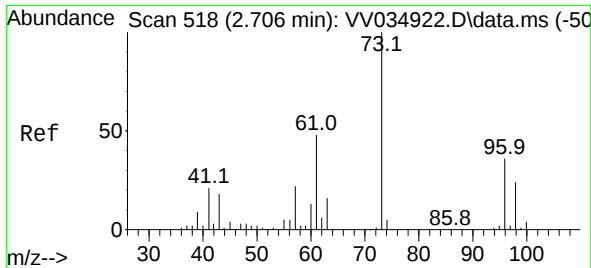
Tgt Ion: 43 Resp: 25984
Ion Ratio Lower Upper
43 100
74 25.5 18.5 27.7



#16
Methylene chloride
Concen: 4.690 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

Tgt Ion: 84 Resp: 85976
Ion Ratio Lower Upper
84 100
86 63.6 43.5 80.9
49 126.0 82.5 153.3





#17

Methyl tert-butyl Ether

Concen: 5.035 ug/L

RT: 2.703 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV034925.D

Acq: 02 Apr 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :

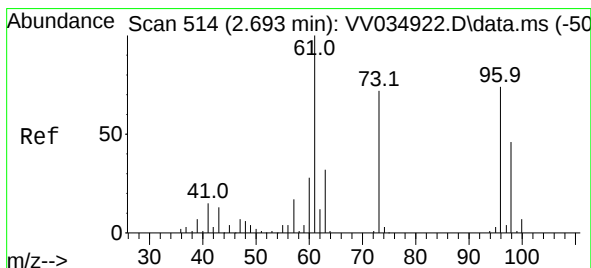
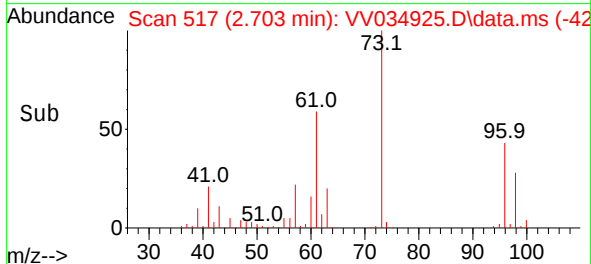
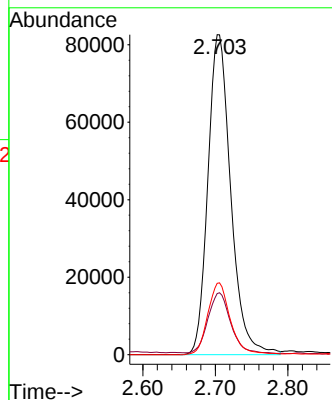
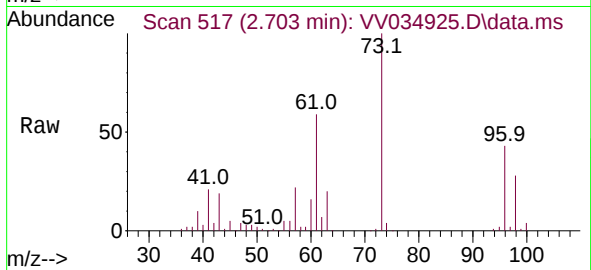
Tgt Ion: 73 Resp: 181150

Ion Ratio Lower Upper

73 100

43 18.9 14.8 22.2

57 22.2 18.1 27.1



#18

trans-1,2-Dichloroethene

Concen: 5.019 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV034925.D

Acq: 02 Apr 2024 11:00

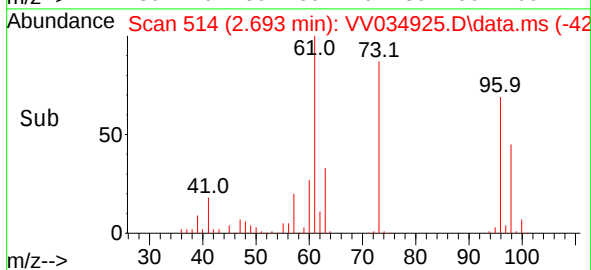
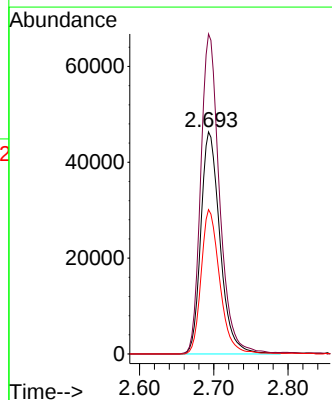
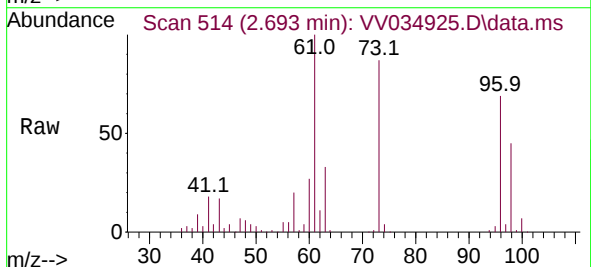
Tgt Ion: 96 Resp: 83120

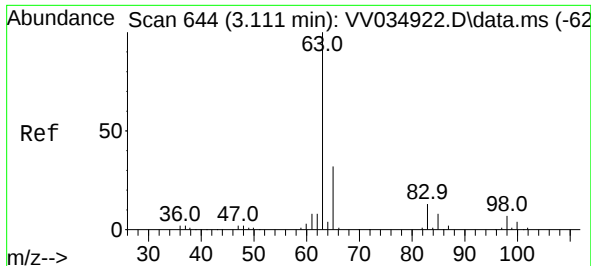
Ion Ratio Lower Upper

96 100

61 144.0 94.5 175.5

98 65.0 43.5 80.9





#19

1,1-Dichloroethane

Concen: 5.009 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV034925.D

Acq: 02 Apr 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :

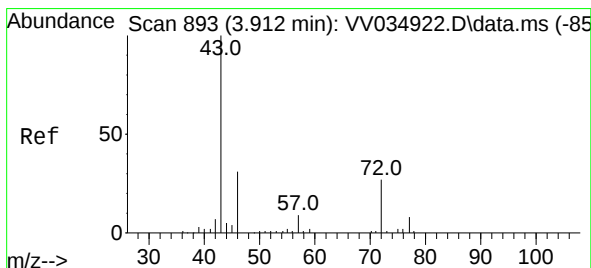
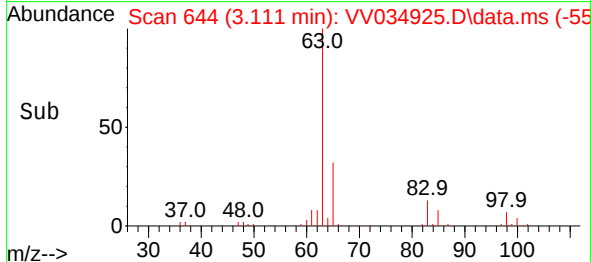
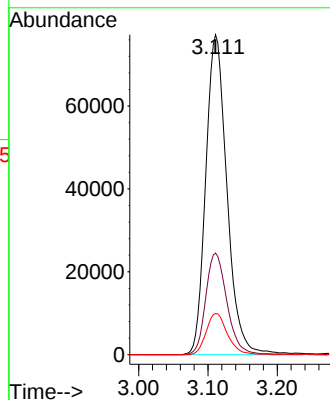
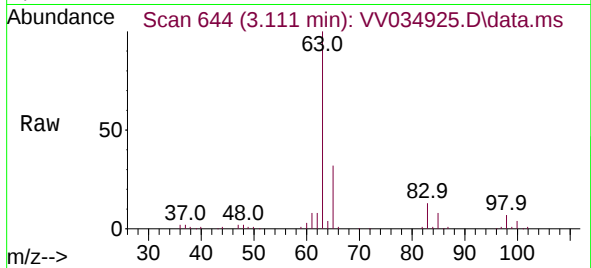
Tgt Ion: 63 Resp: 163699

Ion Ratio Lower Upper

63 100

65 31.8 22.5 41.9

83 12.9 9.1 16.9



#21

2-Butanone

Concen: 39.408 ug/L

RT: 3.895 min Scan# 888

Delta R.T. -0.016 min

Lab File: VV034925.D

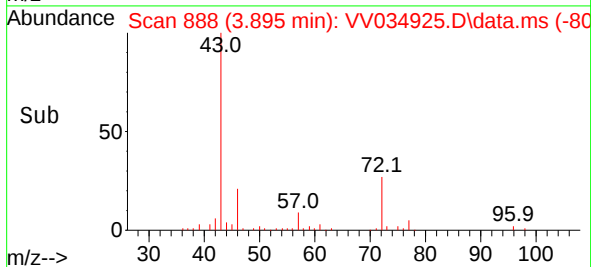
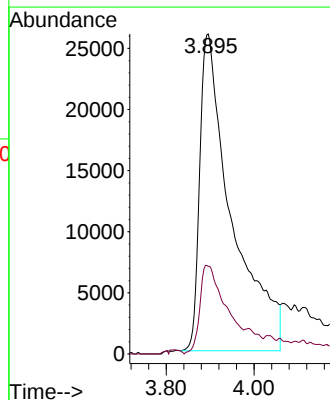
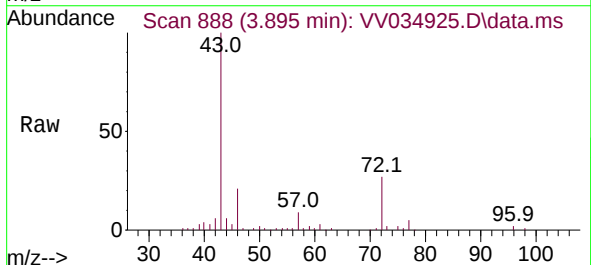
Acq: 02 Apr 2024 11:00

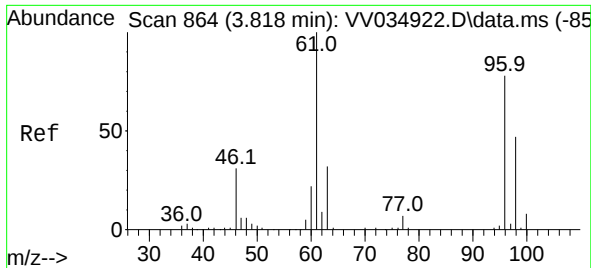
Tgt Ion: 43 Resp: 130757

Ion Ratio Lower Upper

43 100

72 22.7 7.5 22.5#

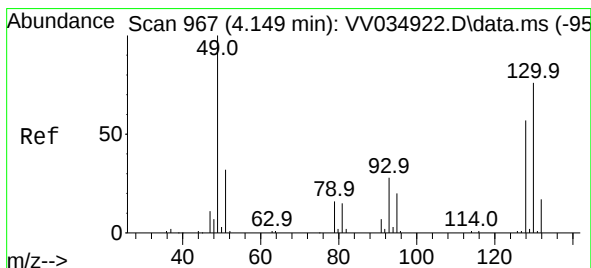
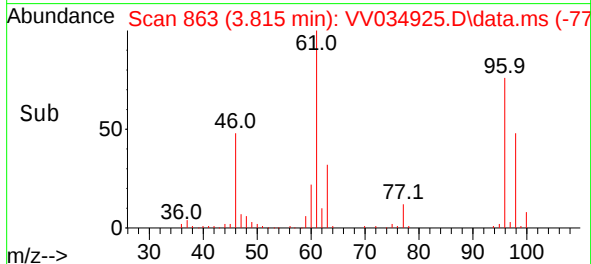
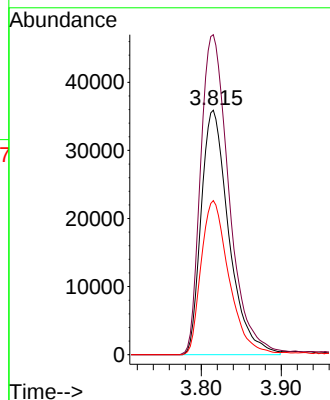
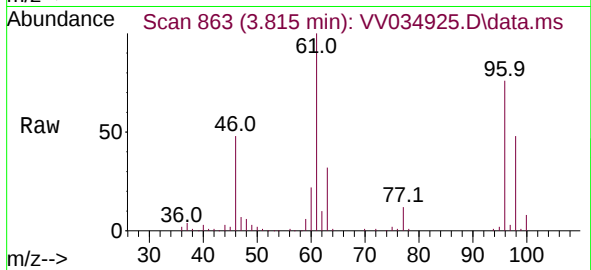




#22
cis-1,2-Dichloroethene
Concen: 4.989 ug/L
RT: 3.815 min Scan# 864
Delta R.T. -0.003 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

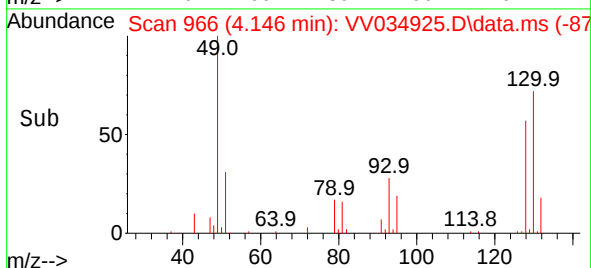
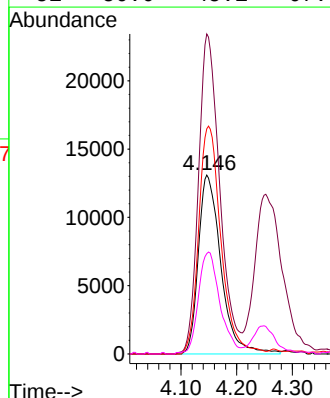
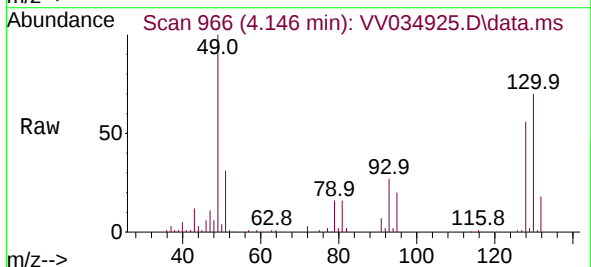
Instrument :
MSVOA_V
ClientSampleId :

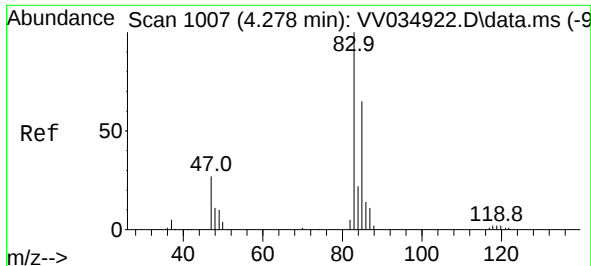
Tgt Ion: 96 Resp: 86532
Ion Ratio Lower Upper
96 100
61 130.8 90.3 167.7
98 63.0 42.7 79.3



#23
Bromochloromethane
Concen: 5.061 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.003 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

Tgt Ion:128 Resp: 36862
Ion Ratio Lower Upper
128 100
49 178.8 122.9 228.3
130 125.8 92.1 171.1
51 56.0 45.1 67.7





#25

Chloroform

Concen: 4.911 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV034925.D

Acq: 02 Apr 2024 11:00

Instrument :

MSVOA_V

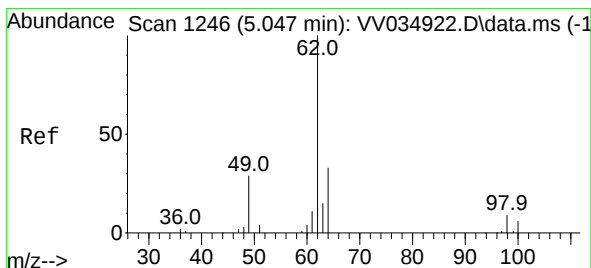
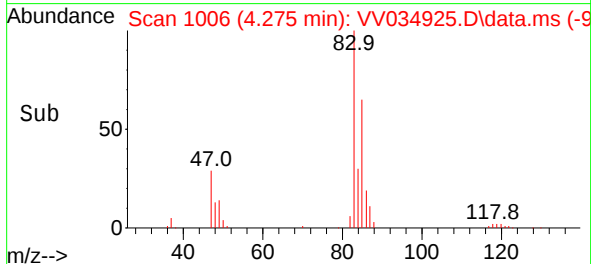
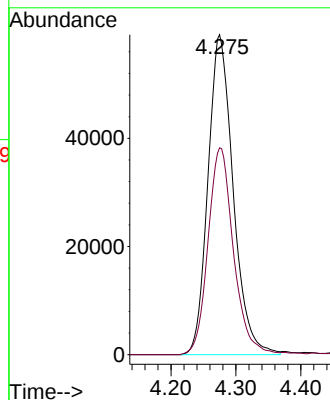
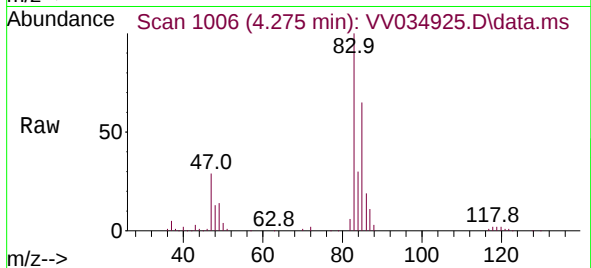
ClientSampleId :

Tgt Ion: 83 Resp: 159383

Ion Ratio Lower Upper

83 100

85 64.6 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.030 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VV034925.D

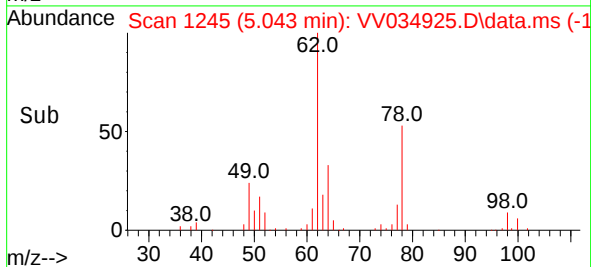
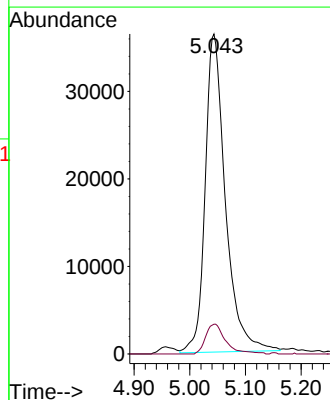
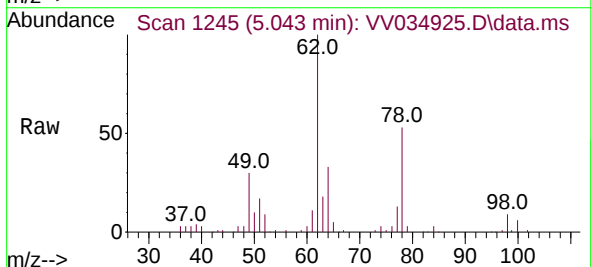
Acq: 02 Apr 2024 11:00

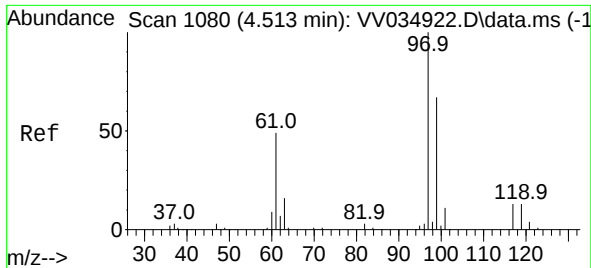
Tgt Ion: 62 Resp: 91860

Ion Ratio Lower Upper

62 100

98 9.3 7.4 11.0

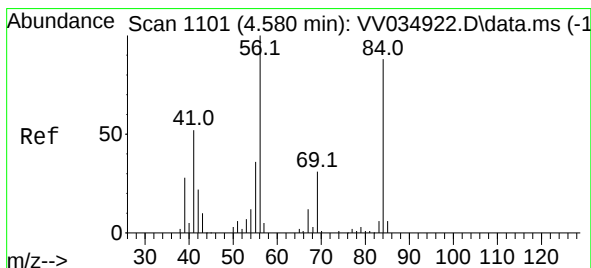
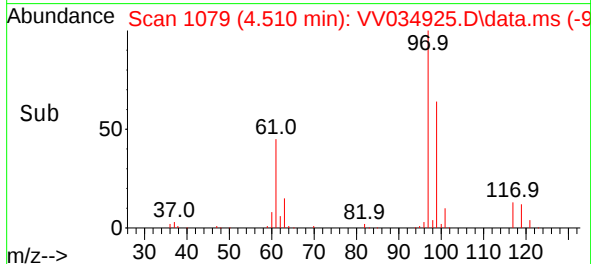
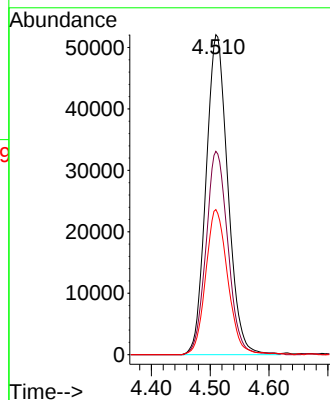
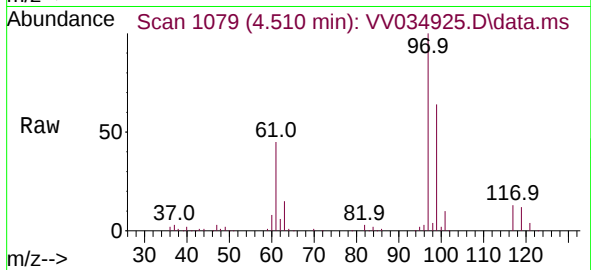




#29
1,1,1-Trichloroethane
Concen: 5.176 ug/L
RT: 4.510 min Scan# 1080
Delta R.T. -0.003 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

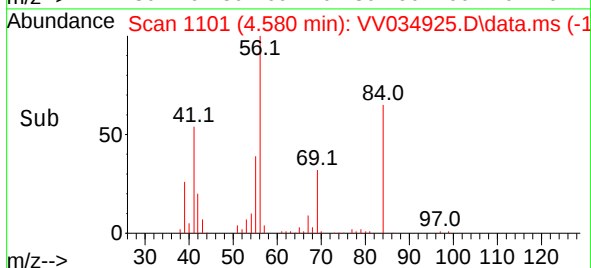
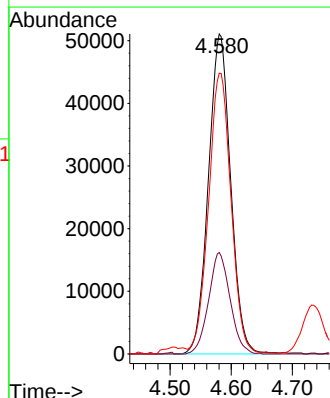
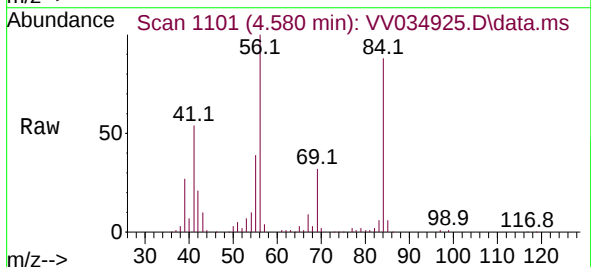
Instrument :
MSVOA_V
ClientSampleId :

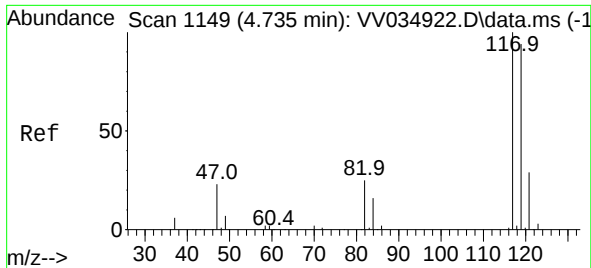
Tgt Ion: 97 Resp: 134172
Ion Ratio Lower Upper
97 100
99 63.7 52.1 78.1
61 45.8 38.7 58.1



#30
Cyclohexane
Concen: 5.417 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

Tgt Ion: 56 Resp: 129353
Ion Ratio Lower Upper
56 100
69 30.6 25.2 37.8
84 87.8 69.8 104.8

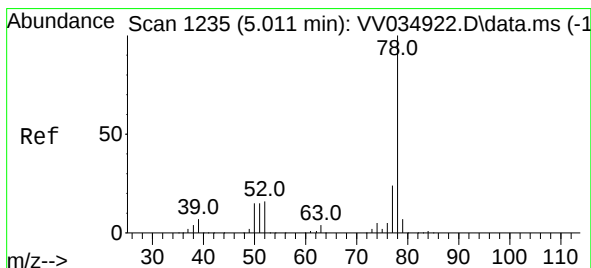
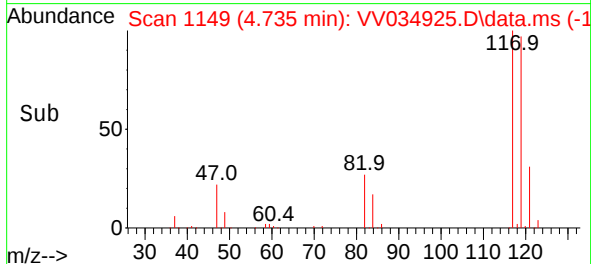
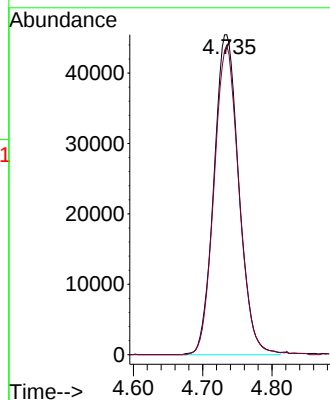
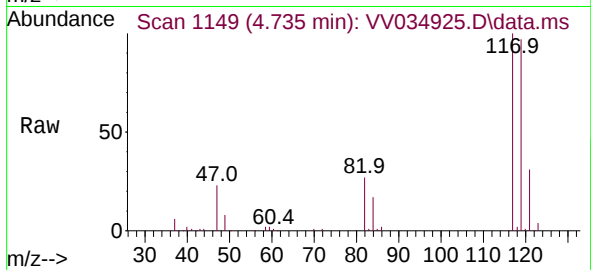




#31
Carbon tetrachloride
Concen: 5.137 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

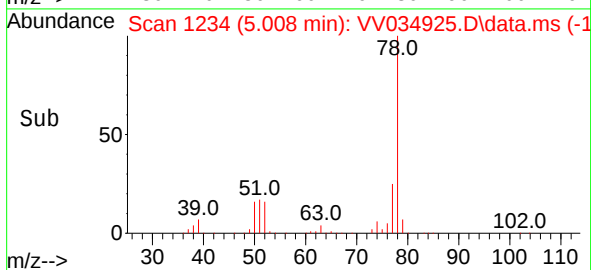
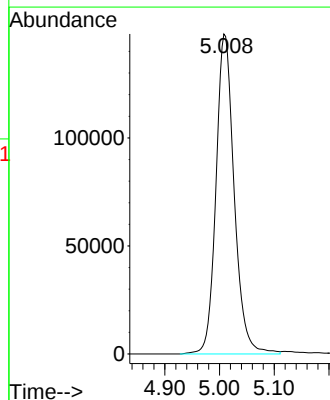
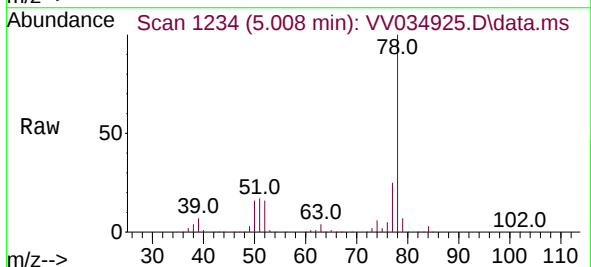
Instrument :
MSVOA_V
ClientSampleId :

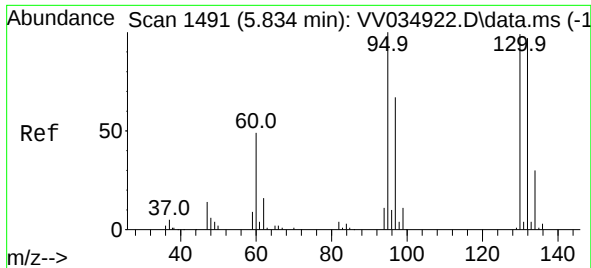
Tgt Ion:117 Resp: 113965
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.6



#33
Benzene
Concen: 5.283 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

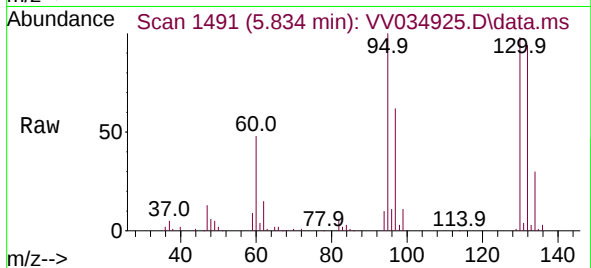
Tgt Ion: 78 Resp: 342064



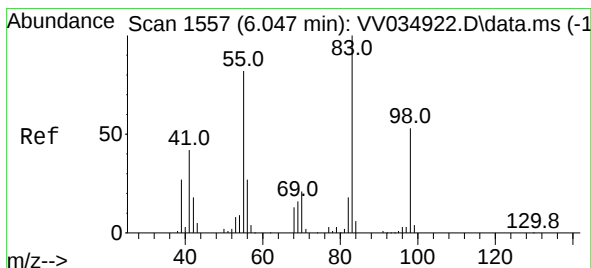
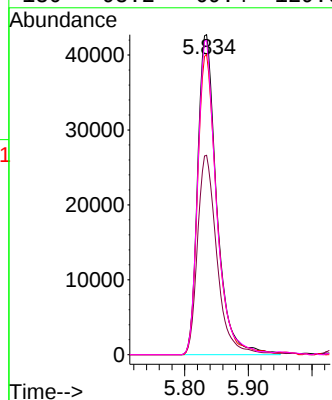
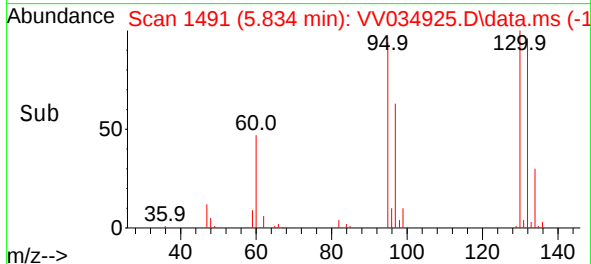


#34
Trichloroethene
Concen: 5.283 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

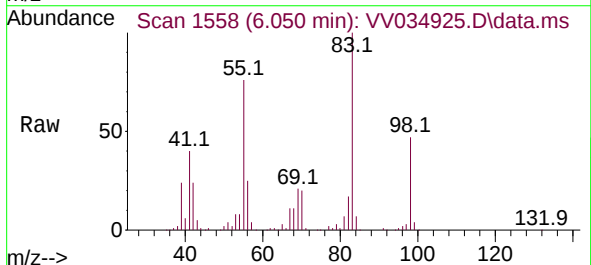
Instrument :
MSVOA_V
ClientSampleId :



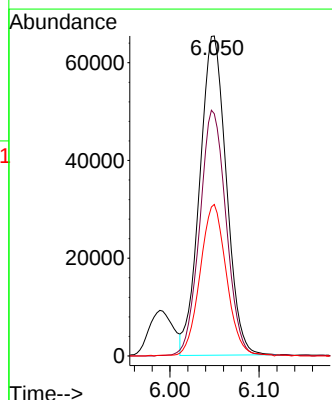
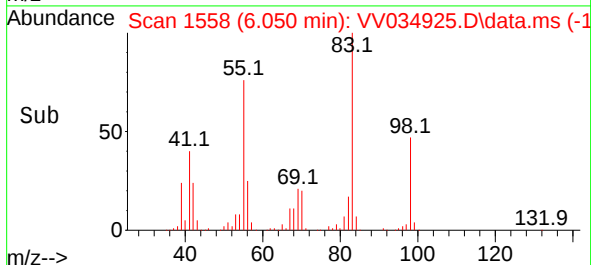
Tgt Ion: 95 Resp: 89117
Ion Ratio Lower Upper
95 100
97 62.3 46.8 86.8
132 93.8 68.0 126.4
130 98.2 69.4 129.0

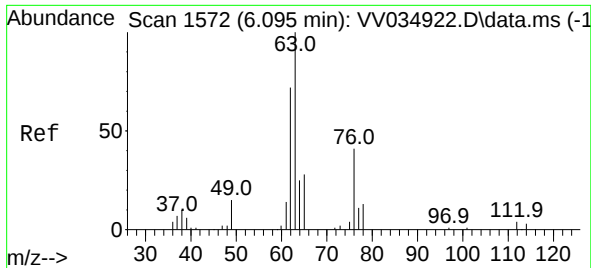


#35
Methylcyclohexane
Concen: 5.285 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00



Tgt Ion: 83 Resp: 135788
Ion Ratio Lower Upper
83 100
55 76.7 60.6 91.0
98 47.2 37.8 56.6

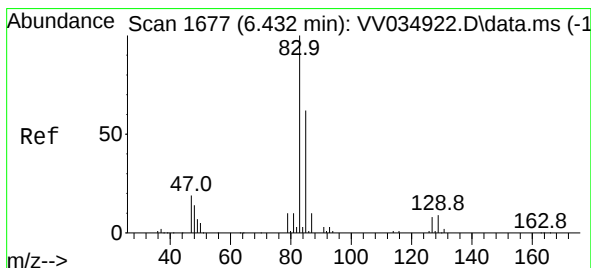
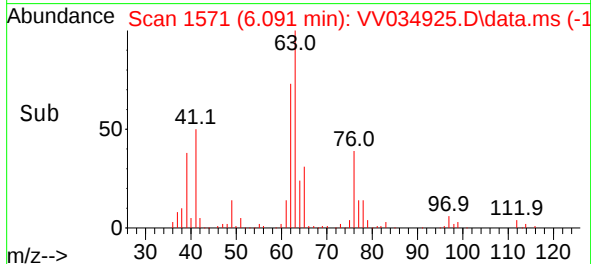
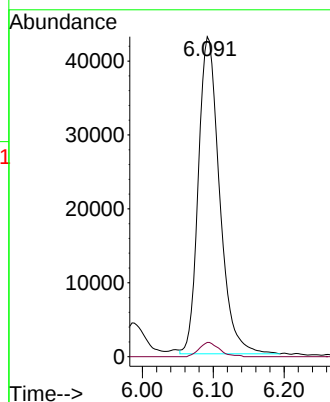
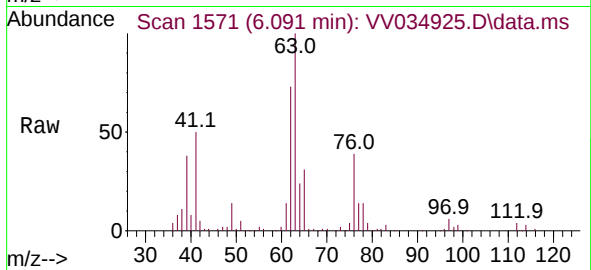




#37
1,2-Dichloropropane
Concen: 5.303 ug/L
RT: 6.091 min Scan# 1571
Delta R.T. -0.003 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

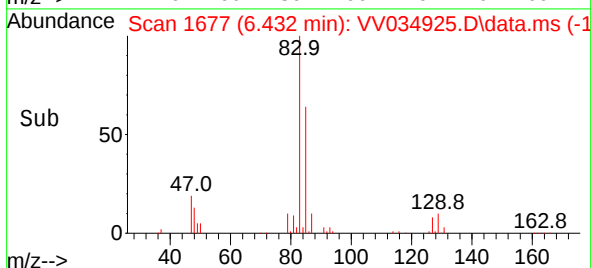
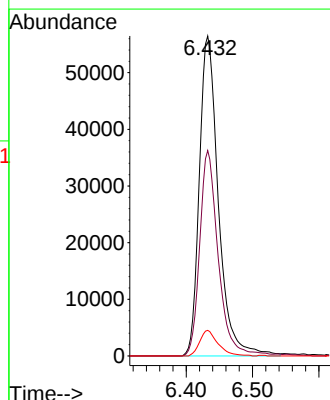
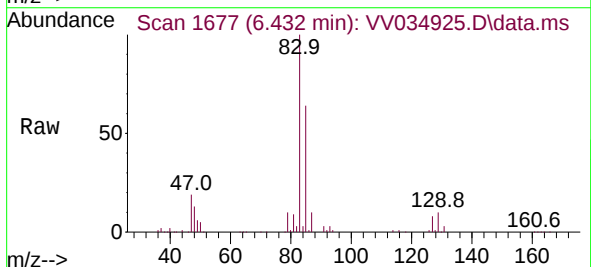
Instrument :
MSVOA_V
ClientSampleId :

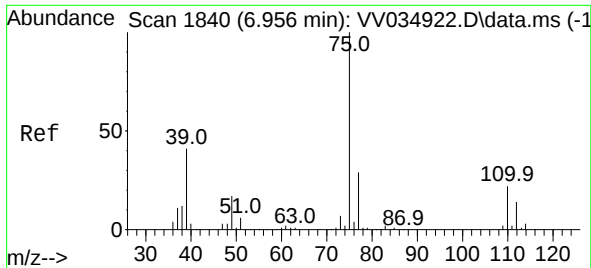
Tgt Ion: 63 Resp: 89028
Ion Ratio Lower Upper
63 100
112 4.3 3.5 5.3



#38
Bromodichloromethane
Concen: 5.332 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

Tgt Ion: 83 Resp: 112920
Ion Ratio Lower Upper
83 100
85 64.2 43.6 81.0
127 8.0 6.2 9.2

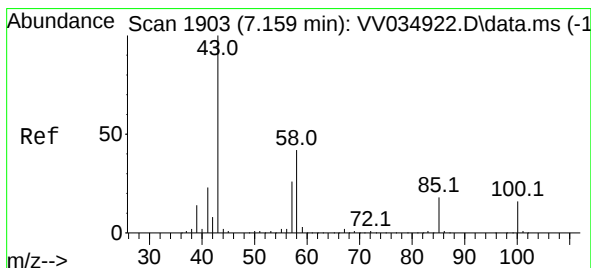
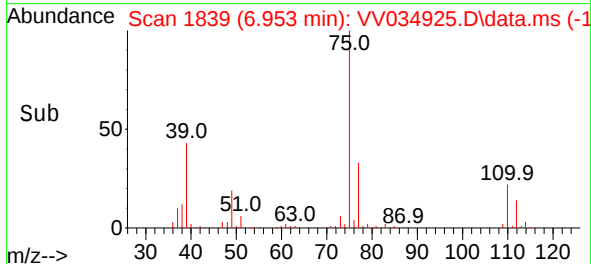
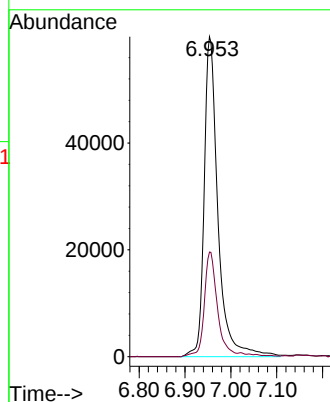
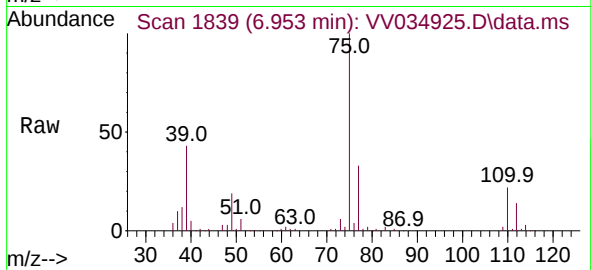




#39
 cis-1,3-Dichloropropene
 Concen: 5.551 ug/L
 RT: 6.953 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV034925.D
 Acq: 02 Apr 2024 11:00

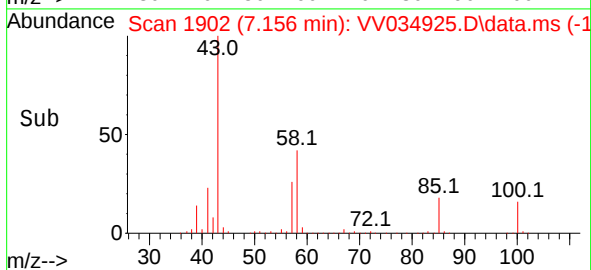
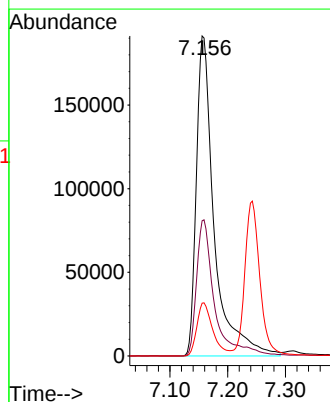
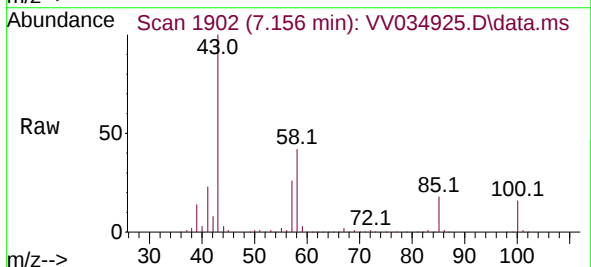
Instrument :
 MSVOA_V
 ClientSampleId :

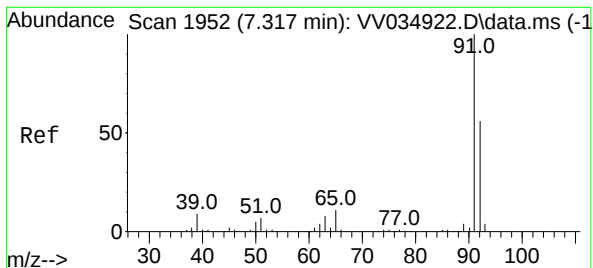
Tgt Ion: 75 Resp: 125181
 Ion Ratio Lower Upper
 75 100
 77 32.7 20.6 38.4



#40
 4-Methyl-2-pentanone
 Concen: 54.226 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. -0.003 min
 Lab File: VV034925.D
 Acq: 02 Apr 2024 11:00

Tgt Ion: 43 Resp: 410758
 Ion Ratio Lower Upper
 43 100
 58 42.9 33.8 50.6
 100 14.8 11.9 17.9





#42

Toluene

Concen: 5.424 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV034925.D

Acq: 02 Apr 2024 11:00

Instrument :

MSVOA_V

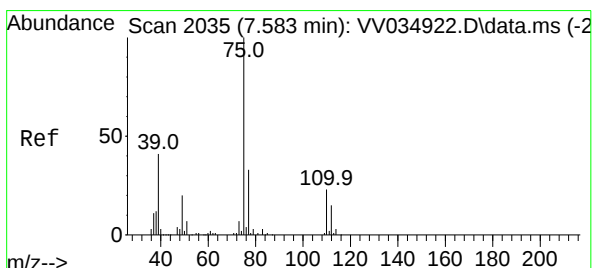
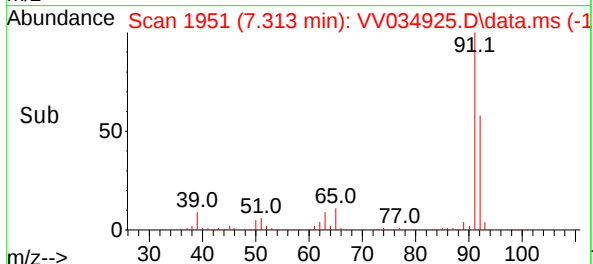
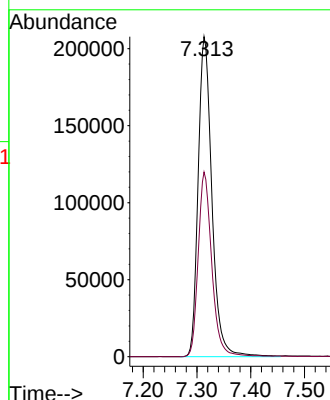
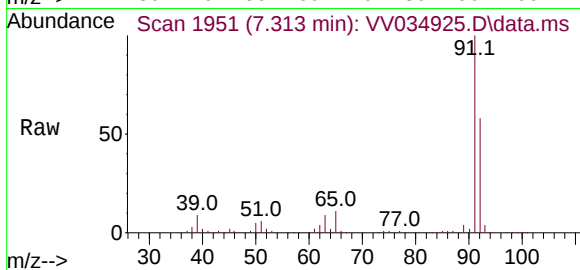
ClientSampleId :

Tgt Ion: 91 Resp: 369202

Ion Ratio Lower Upper

91 100

92 57.7 38.9 72.2



#44

trans-1,3-Dichloropropene

Concen: 5.465 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV034925.D

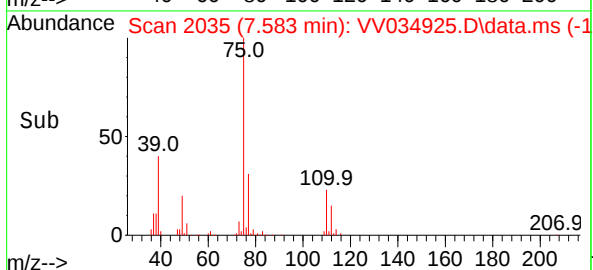
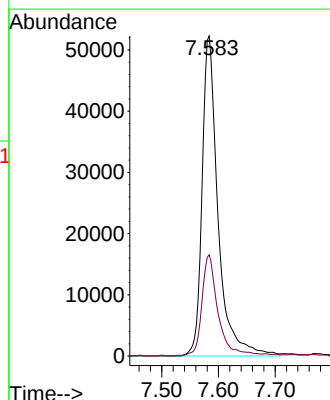
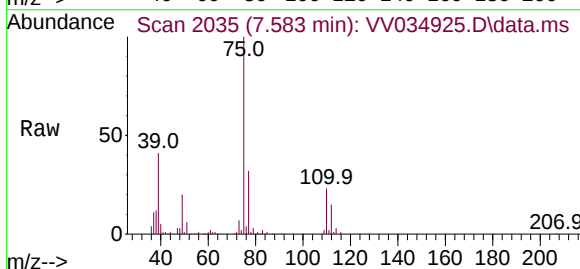
Acq: 02 Apr 2024 11:00

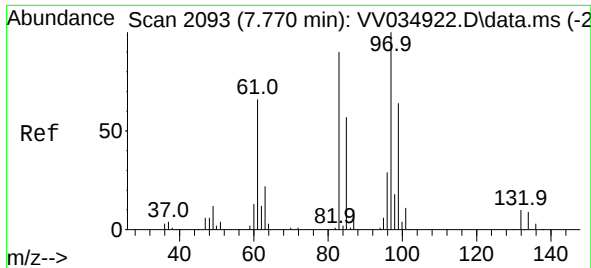
Tgt Ion: 75 Resp: 102166

Ion Ratio Lower Upper

75 100

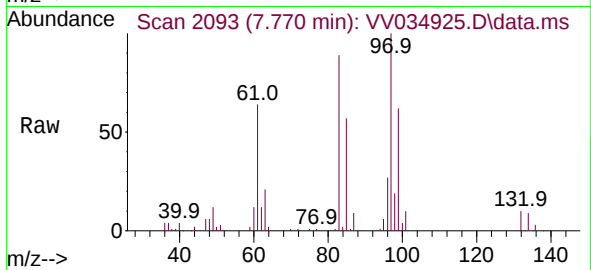
77 31.6 22.7 42.3



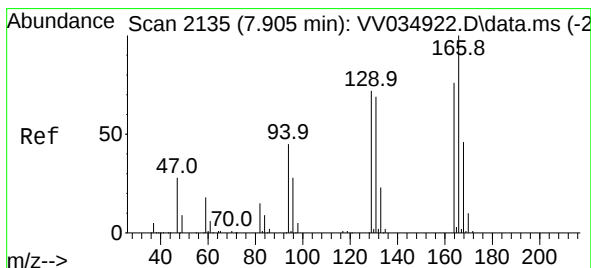
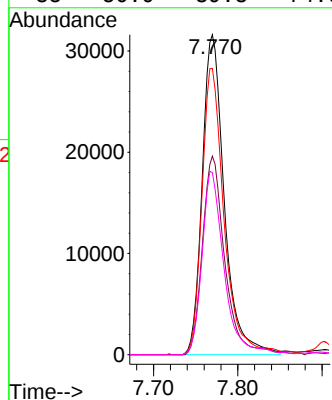
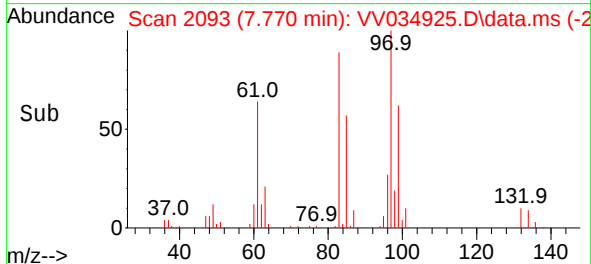


#45
1,1,2-Trichloroethane
Concen: 5.238 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

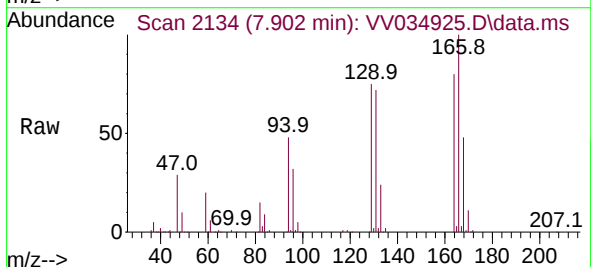
Instrument :
MSVOA_V
ClientSampleId :



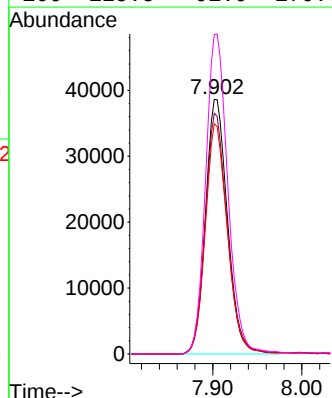
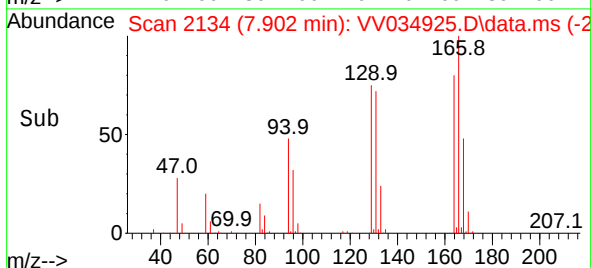
Tgt Ion:	97	Resp:	57778
Ion	Ratio	Lower	Upper
97	100		
99	62.1	44.5	82.7
83	89.5	63.2	117.4
85	56.9	39.8	74.0

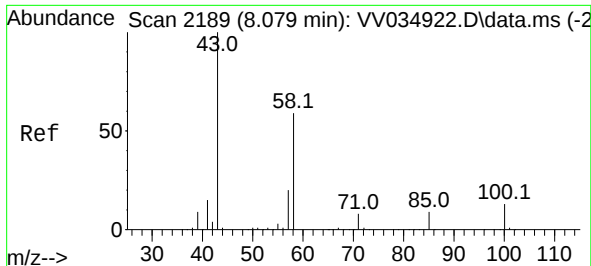


#47
Tetrachloroethene
Concen: 5.243 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00



Tgt Ion:	164	Resp:	66454
Ion	Ratio	Lower	Upper
164	100		
129	94.5	66.0	122.6
131	90.4	63.0	117.0
166	125.5	91.9	170.7





#48

2-Hexanone

Concen: 55.019 ug/L

RT: 8.075 min Scan# 2189

Delta R.T. -0.003 min

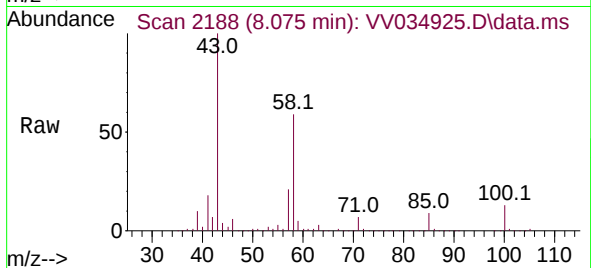
Lab File: VV034925.D

Acq: 02 Apr 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 314623

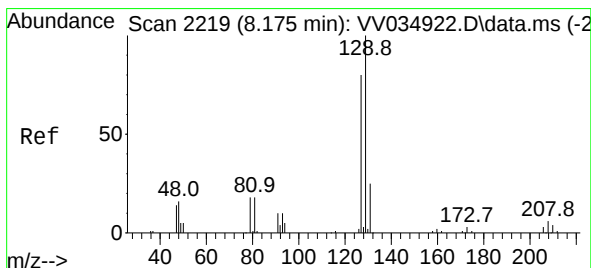
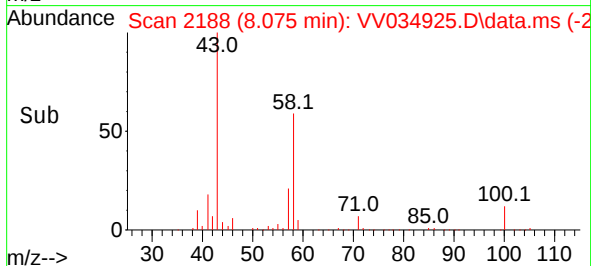
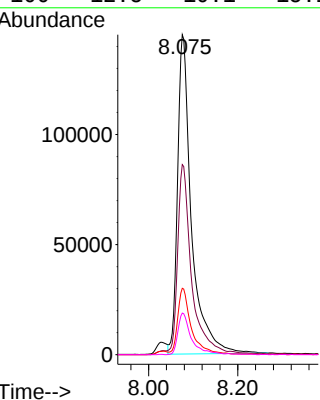
Ion Ratio Lower Upper

43 100

58 56.8 48.2 72.4

57 19.9 15.6 23.4

100 12.5 10.1 15.1



#49

Dibromochloromethane

Concen: 5.154 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. -0.000 min

Lab File: VV034925.D

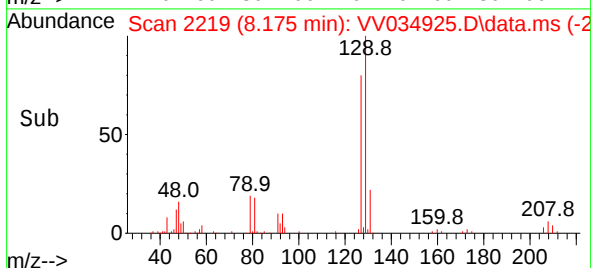
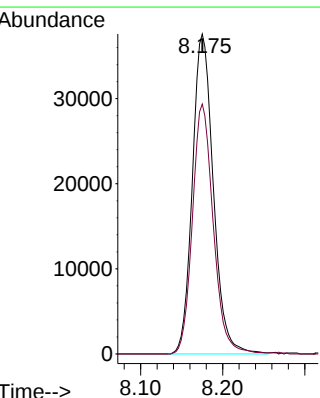
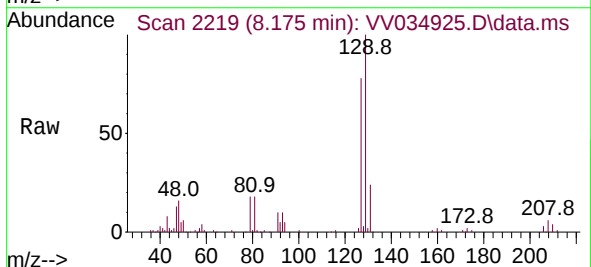
Acq: 02 Apr 2024 11:00

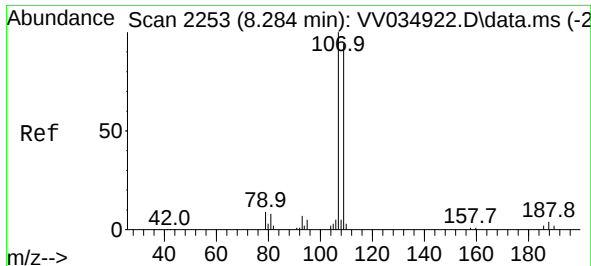
Tgt Ion: 129 Resp: 66926

Ion Ratio Lower Upper

129 100

127 78.1 56.4 104.7

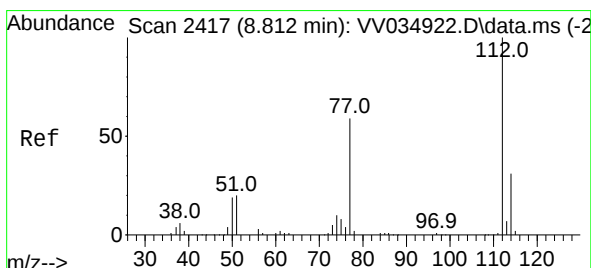
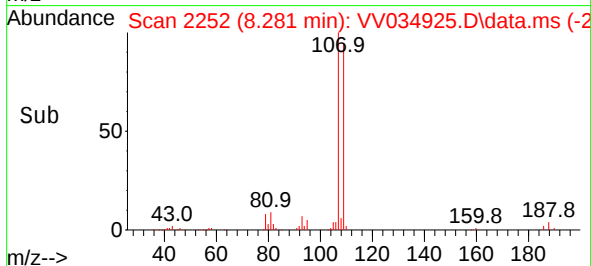
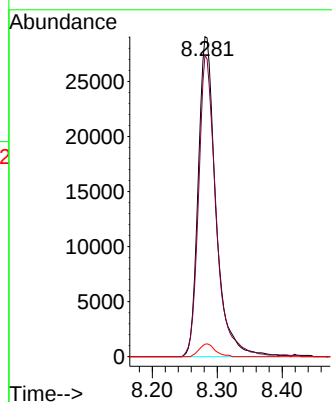
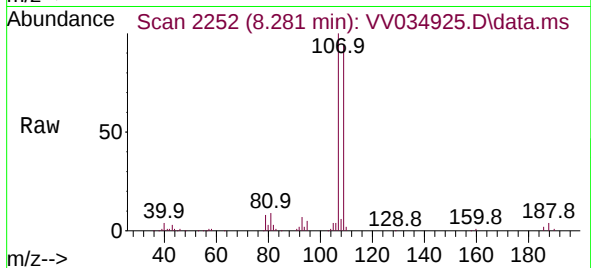




#50
1,2-Dibromoethane
Concen: 5.284 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

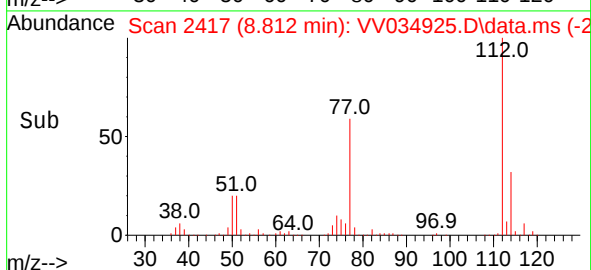
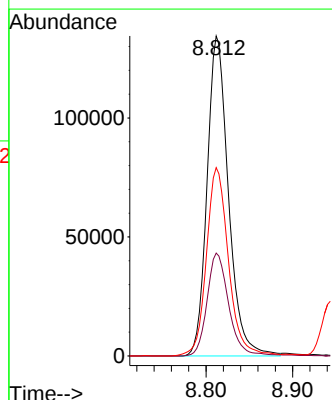
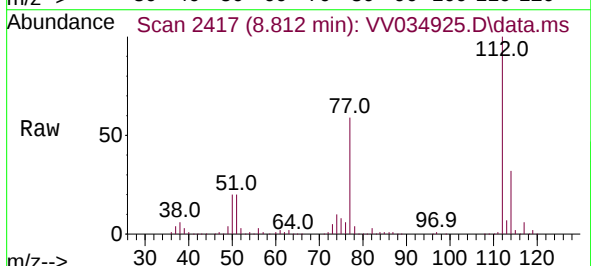
Instrument :
MSVOA_V
ClientSampleId :

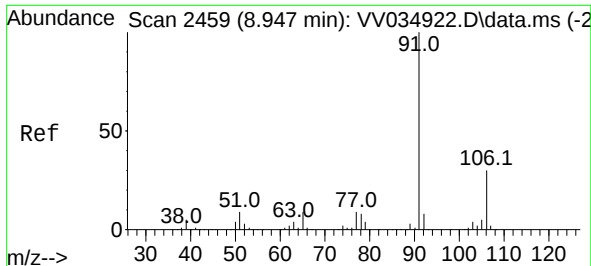
Tgt Ion:107 Resp: 54877
Ion Ratio Lower Upper
107 100
109 94.2 66.1 122.8
188 3.9 3.2 4.8



#51
Chlorobenzene
Concen: 5.252 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

Tgt Ion:112 Resp: 230941
Ion Ratio Lower Upper
112 100
114 32.2 21.9 40.7
77 58.8 47.4 71.2

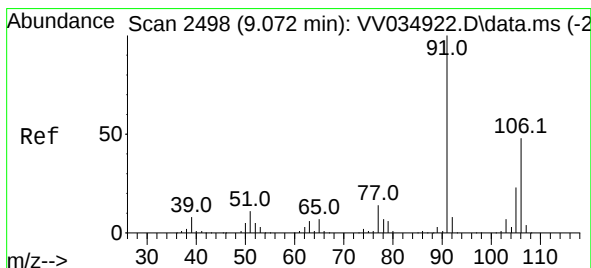
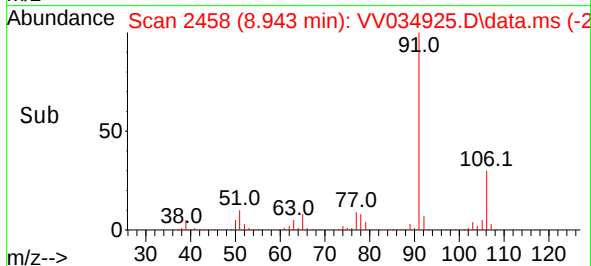
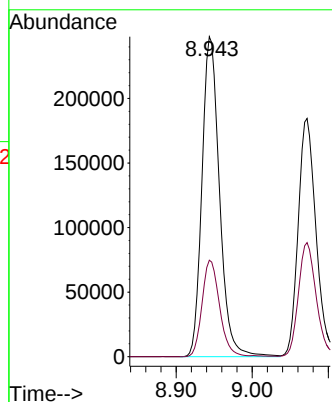
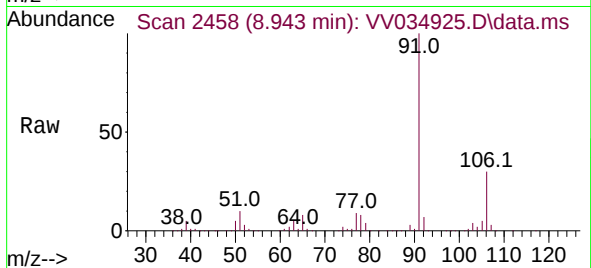




#52
Ethylbenzene
Concen: 5.417 ug/L
RT: 8.943 min Scan# 2459
Delta R.T. -0.003 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

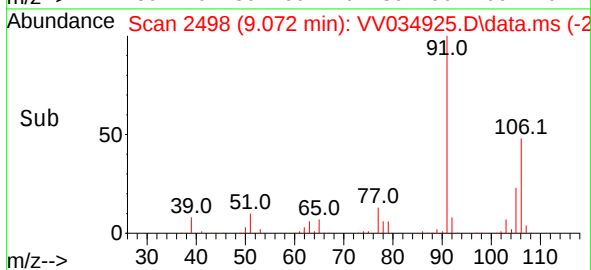
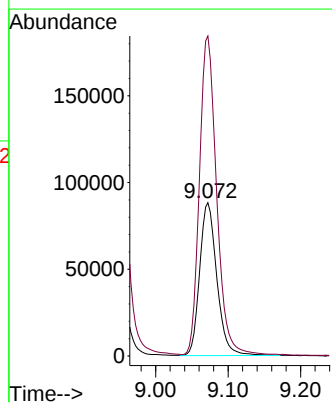
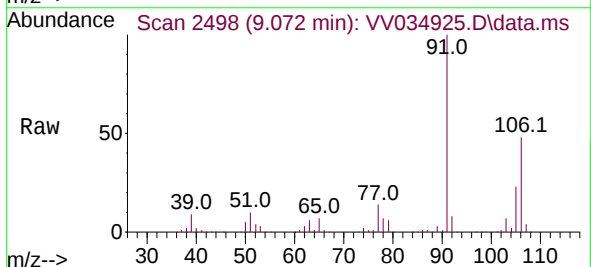
Instrument :
MSVOA_V
ClientSampleId :

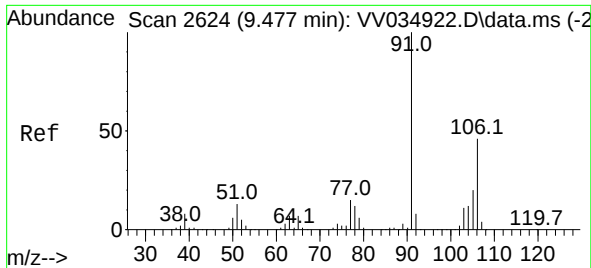
Tgt Ion: 91 Resp: 398232
Ion Ratio Lower Upper
91 100
106 30.2 21.2 39.4



#53
m,p-Xylene
Concen: 5.373 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

Tgt Ion: 106 Resp: 145030
Ion Ratio Lower Upper
106 100
91 208.9 145.7 270.7

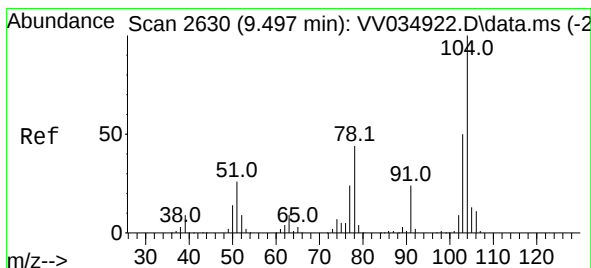
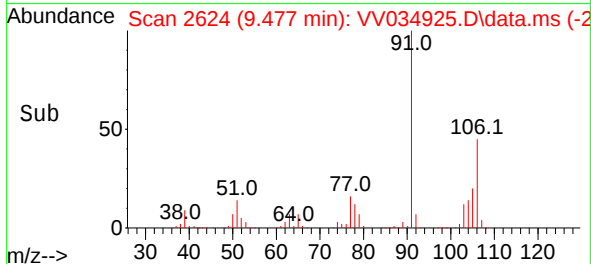
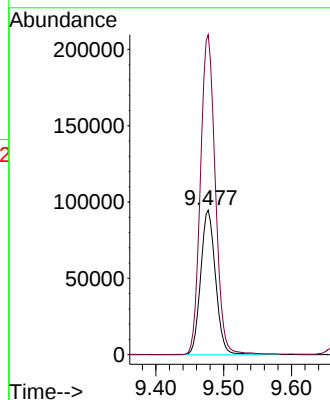
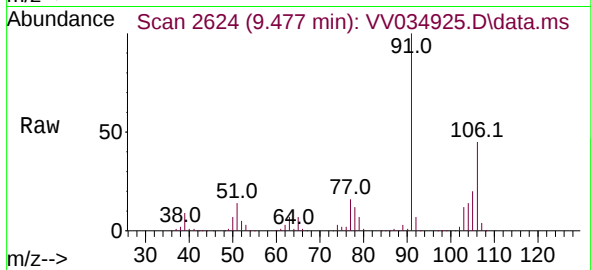




#54
o-Xylene
Concen: 5.445 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

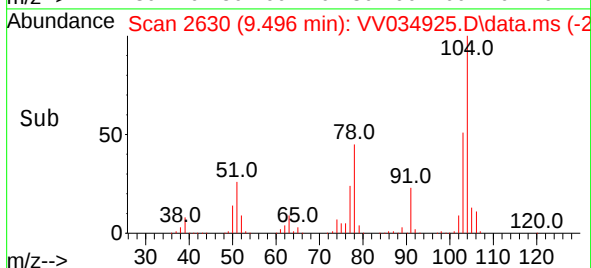
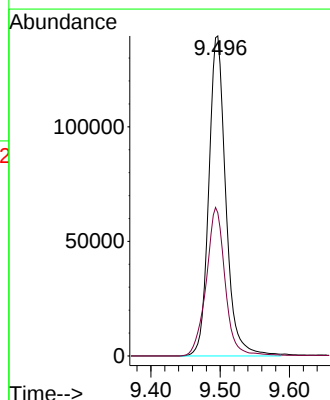
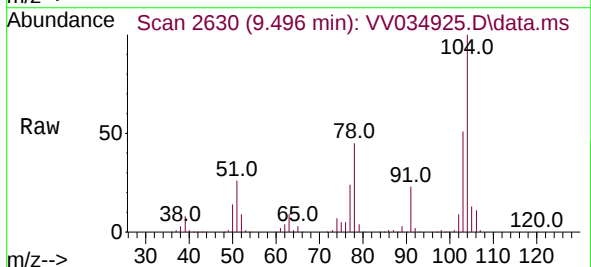
Instrument :
MSVOA_V
ClientSampleId :

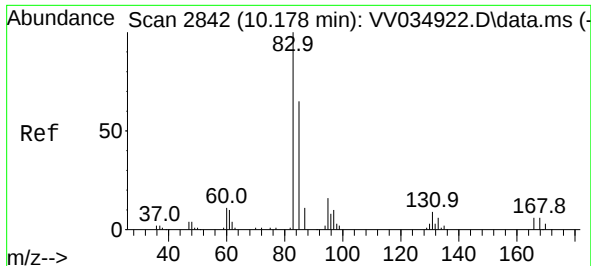
Tgt Ion:106 Resp: 144227
Ion Ratio Lower Upper
106 100
91 221.4 151.2 280.8



#55
Styrene
Concen: 5.593 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

Tgt Ion:104 Resp: 238193
Ion Ratio Lower Upper
104 100
78 44.8 30.9 57.5

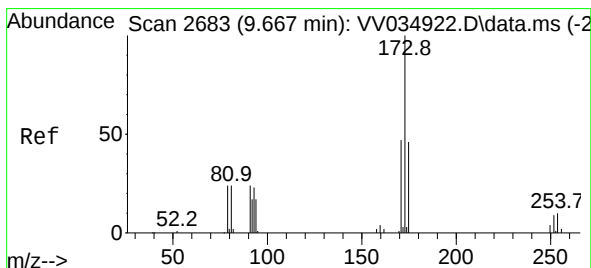
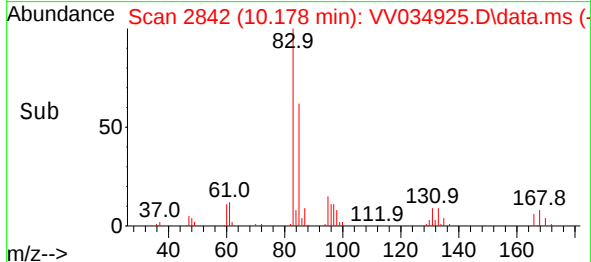
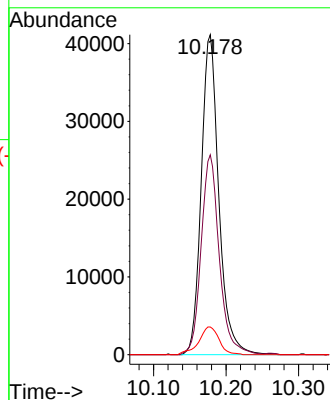
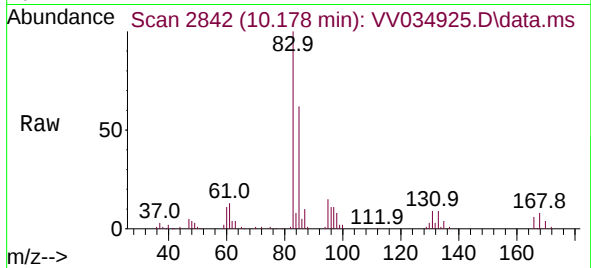




#57
1,1,2,2-Tetrachloroethane
Concen: 5.250 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

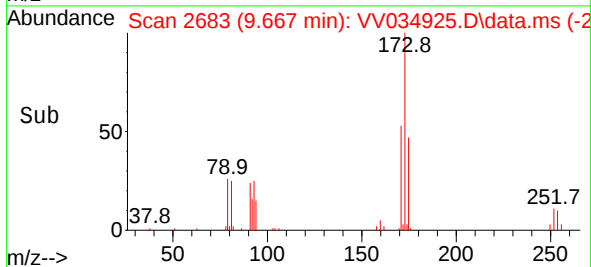
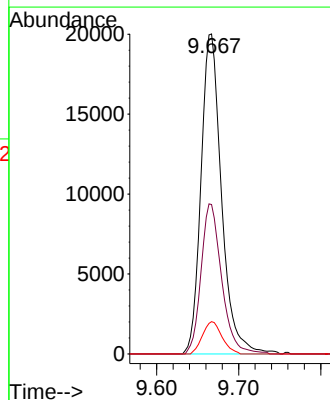
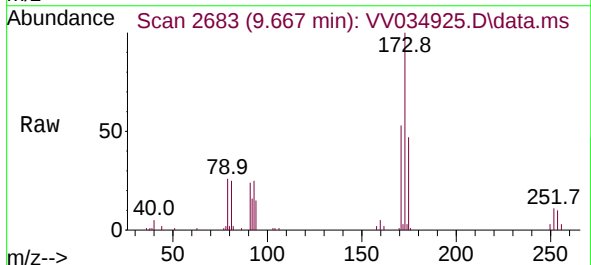
Instrument :
MSVOA_V
ClientSampleId :

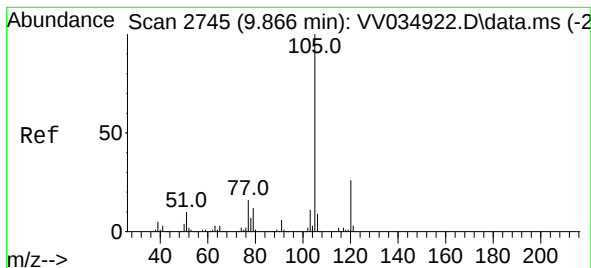
Tgt Ion: 83 Resp: 69217
Ion Ratio Lower Upper
83 100
85 62.5 45.7 84.9
131 8.6 7.6 11.4



#59
Bromoform
Concen: 5.219 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

Tgt Ion: 173 Resp: 34842
Ion Ratio Lower Upper
173 100
175 47.0 37.8 56.8
254 9.6 7.8 11.6





#60

Isopropylbenzene

Concen: 5.415 ug/L

RT: 9.866 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV034925.D

Acq: 02 Apr 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :

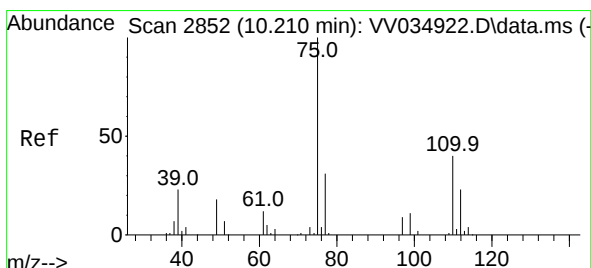
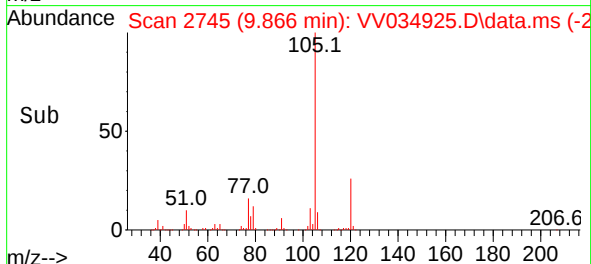
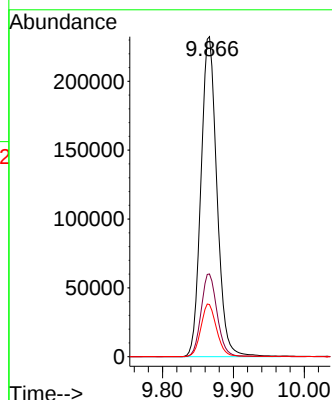
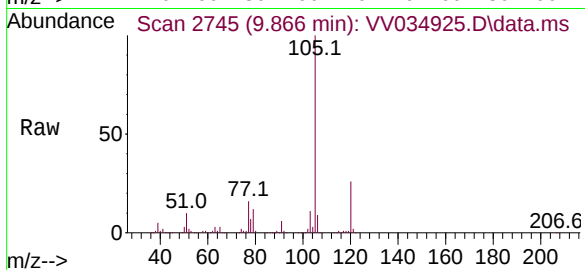
Tgt Ion:105 Resp: 363582

Ion Ratio Lower Upper

105 100

120 26.0 21.0 31.4

77 16.1 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 5.143 ug/L

RT: 10.210 min Scan# 2852

Delta R.T. -0.000 min

Lab File: VV034925.D

Acq: 02 Apr 2024 11:00

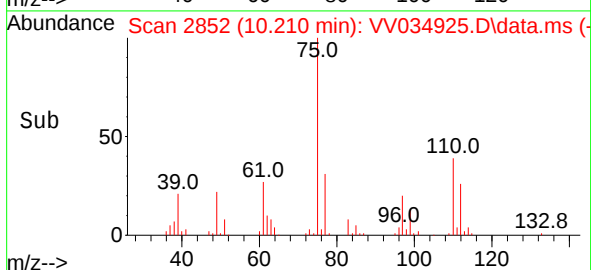
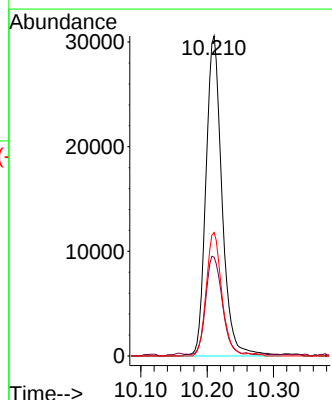
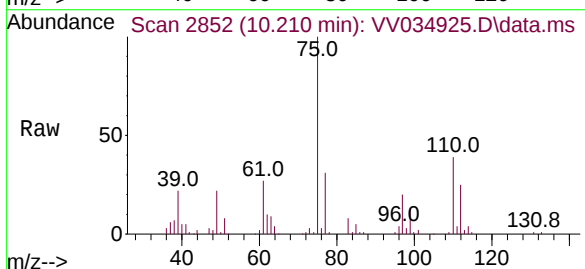
Tgt Ion: 75 Resp: 51572

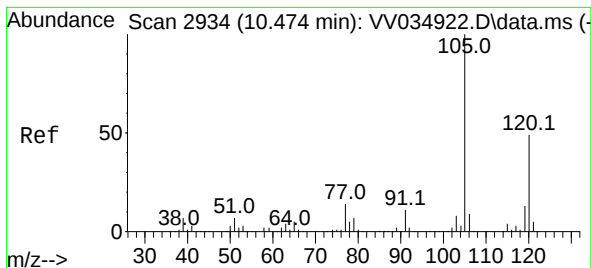
Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

110 37.1 31.0 46.6





#62

1,3,5-Trimethylbenzene

Concen: 5.403 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034925.D

Acq: 02 Apr 2024 11:00

Instrument :

MSVOA_V

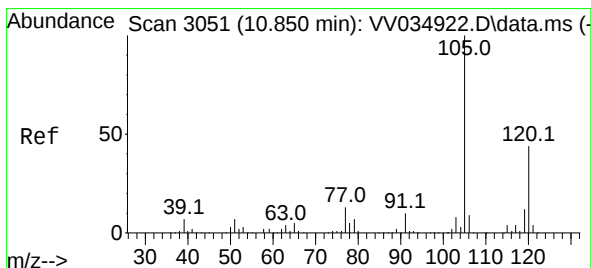
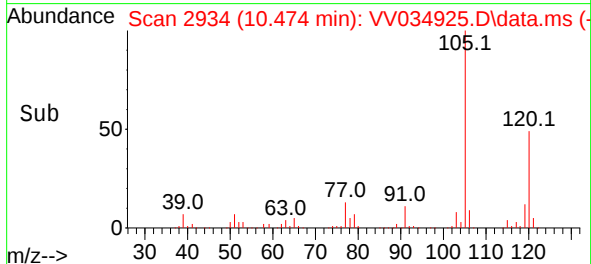
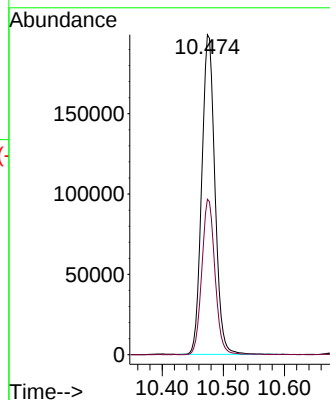
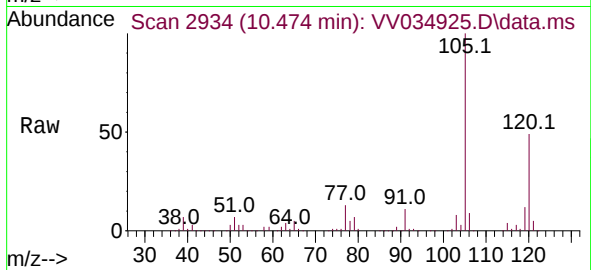
ClientSampleId :

Tgt Ion:105 Resp: 297963

Ion Ratio Lower Upper

105 100

120 48.5 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 5.613 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034925.D

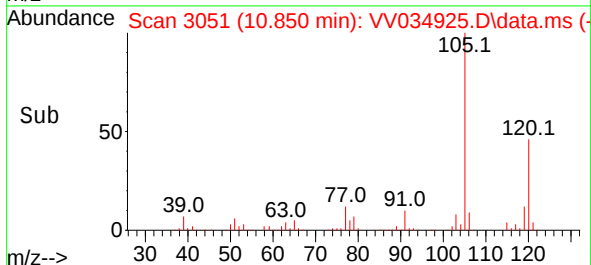
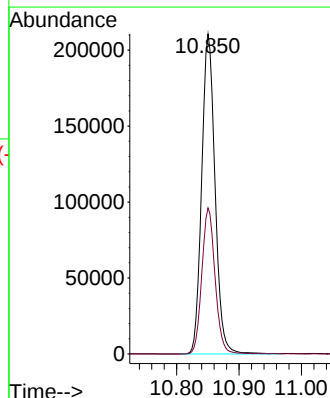
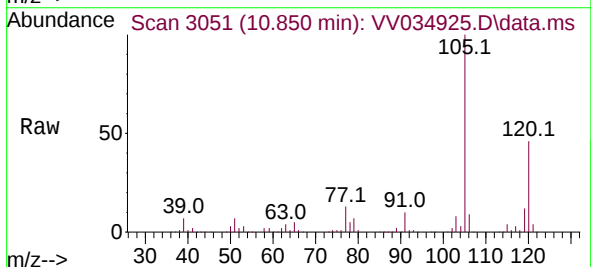
Acq: 02 Apr 2024 11:00

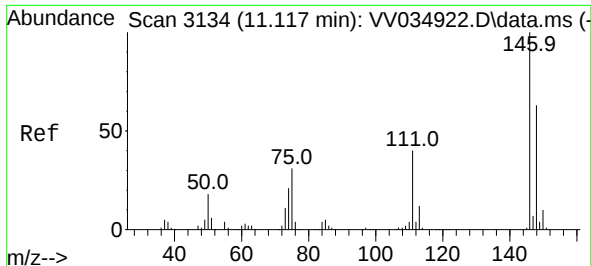
Tgt Ion:105 Resp: 314032

Ion Ratio Lower Upper

105 100

120 45.2 35.8 53.8

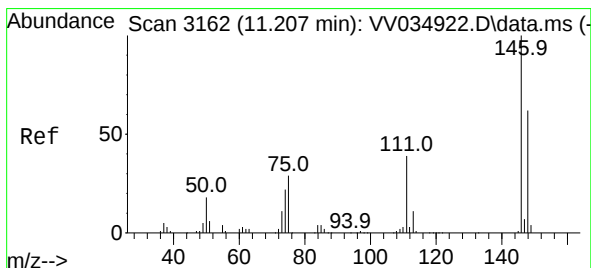
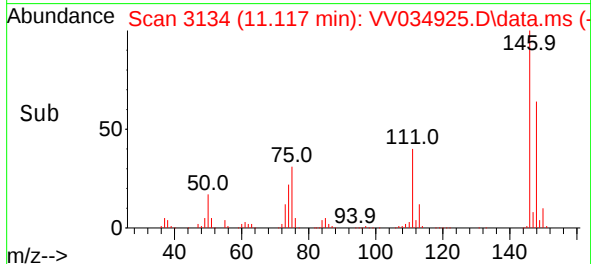
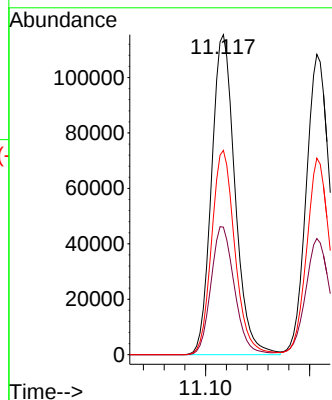
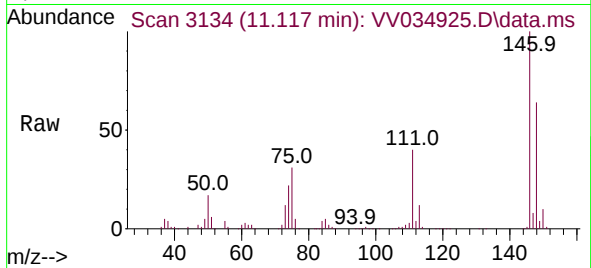




#64
1,3-Dichlorobenzene
Concen: 5.283 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

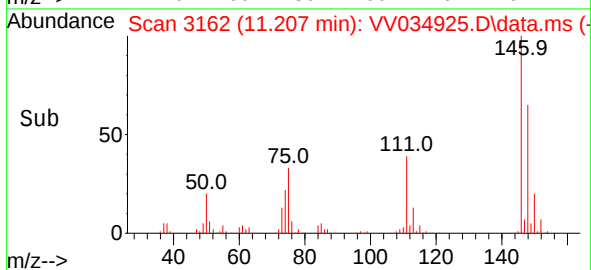
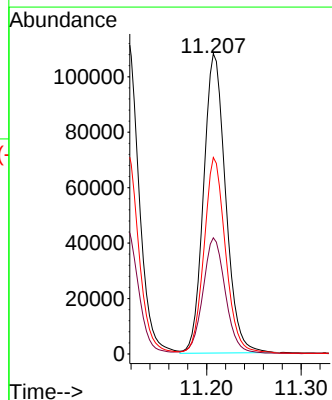
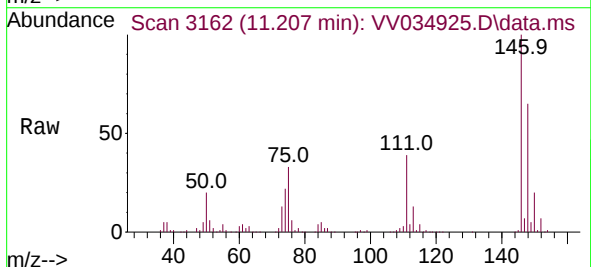
Instrument :
MSVOA_V
ClientSampleId :

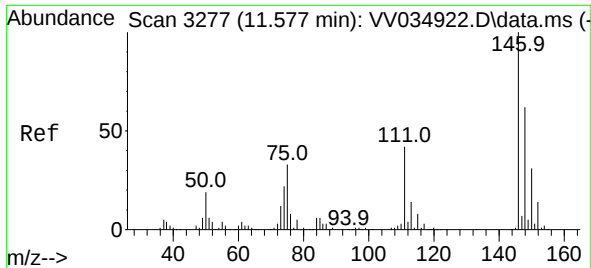
Tgt Ion:146 Resp: 181006
Ion Ratio Lower Upper
146 100
111 39.8 27.7 51.5
148 63.8 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.105 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

Tgt Ion:146 Resp: 175187
Ion Ratio Lower Upper
146 100
111 38.7 27.3 50.7
148 65.4 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 5.275 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034925.D

Acq: 02 Apr 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :

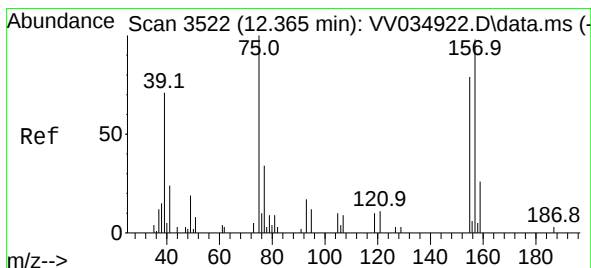
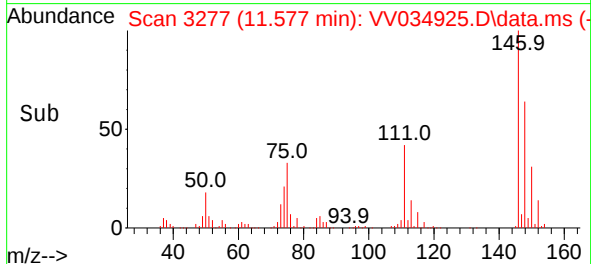
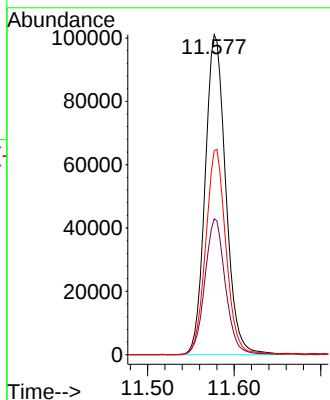
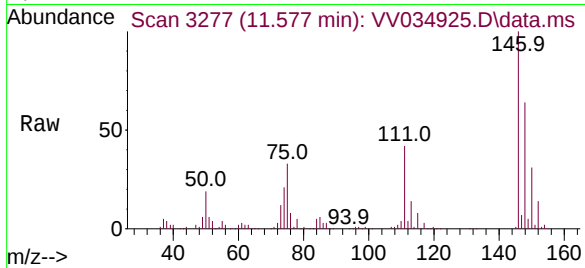
Tgt Ion:146 Resp: 166962

Ion Ratio Lower Upper

146 100

111 42.4 33.9 50.9

148 63.8 49.3 73.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.149 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.003 min

Lab File: VV034925.D

Acq: 02 Apr 2024 11:00

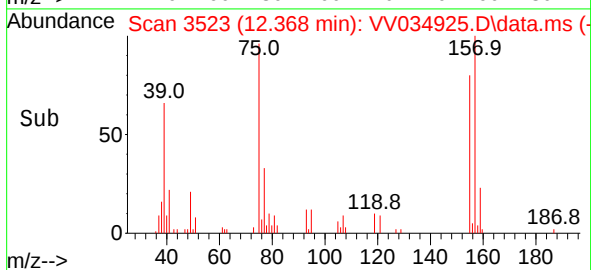
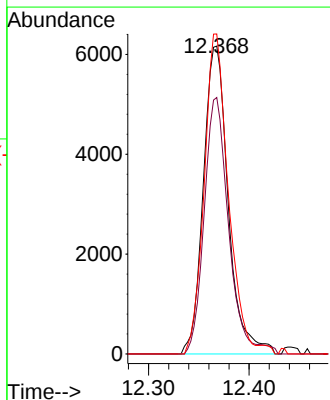
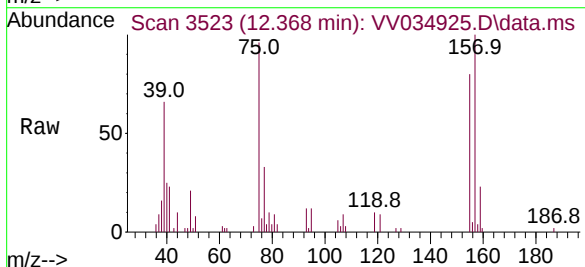
Tgt Ion: 75 Resp: 10614

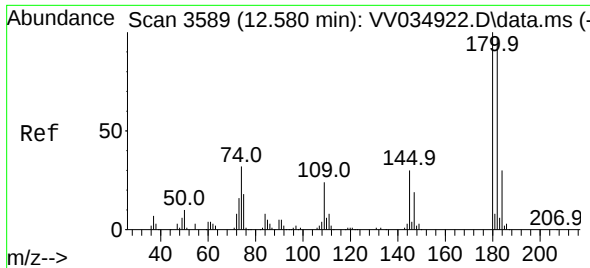
Ion Ratio Lower Upper

75 100

155 83.3 63.4 95.0

157 103.9 78.6 117.8





#69

1,3,5-Trichlorobenzene

Concen: 5.323 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

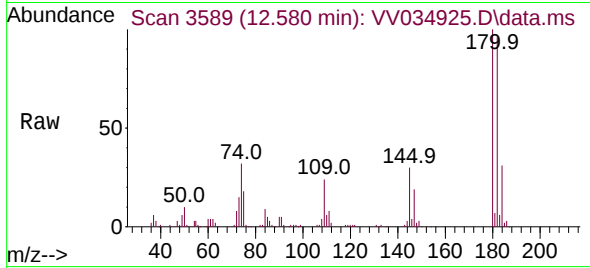
Lab File: VV034925.D

Acq: 02 Apr 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 136926

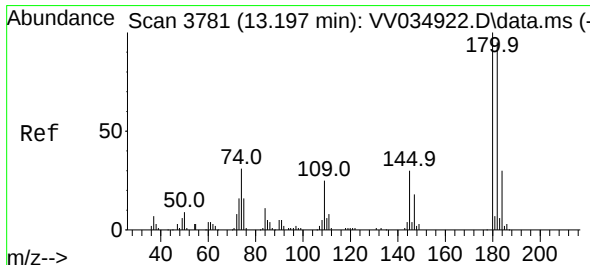
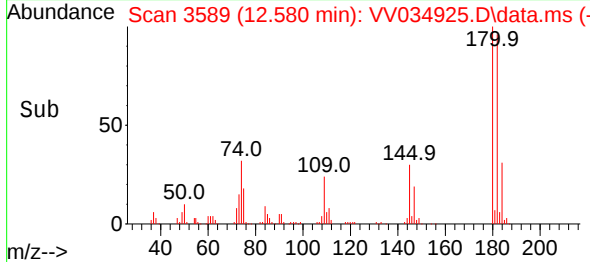
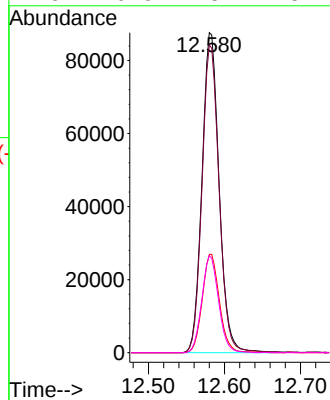
Ion Ratio Lower Upper

180 100

182 95.6 77.3 115.9

184 30.7 24.1 36.1

145 29.5 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 5.899 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034925.D

Acq: 02 Apr 2024 11:00

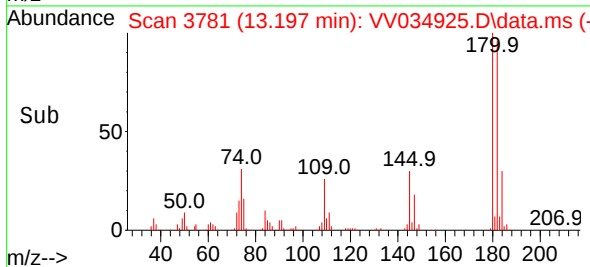
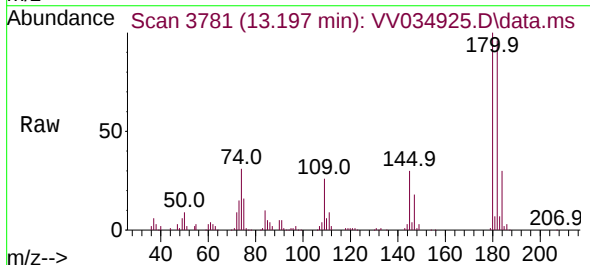
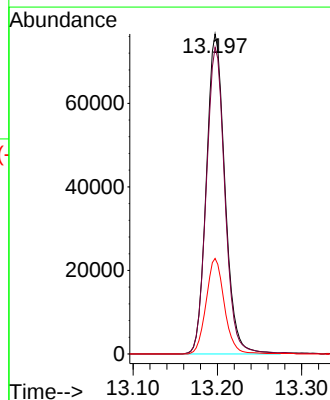
Tgt Ion:180 Resp: 117877

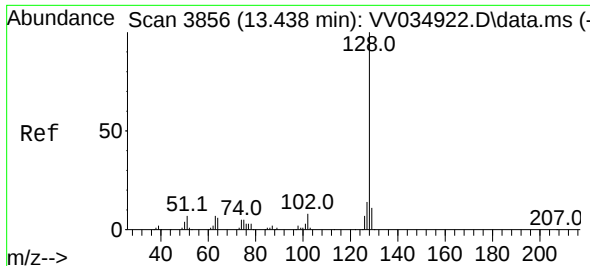
Ion Ratio Lower Upper

180 100

182 95.6 75.3 112.9

145 29.4 23.4 35.0

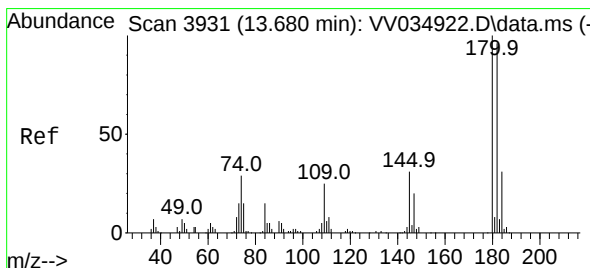
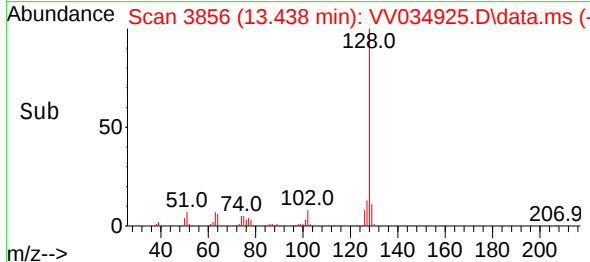
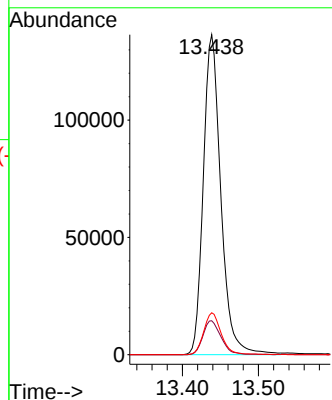
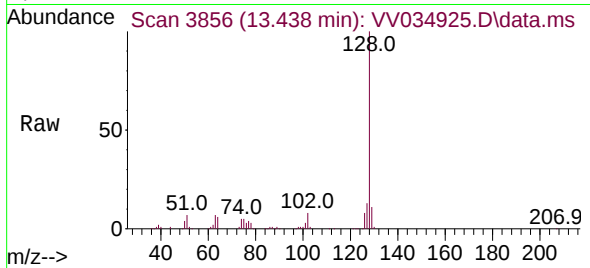




#71
Naphthalene
Concen: 7.785 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. -0.000 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 218634
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.1 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 6.090 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV034925.D
Acq: 02 Apr 2024 11:00

Tgt Ion:180 Resp: 107030
Ion Ratio Lower Upper
180 100
182 97.2 77.0 115.4
145 32.2 25.4 38.2

