

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040224\
 Data File : VW034924.D
 Acq On : 02 Apr 2024 10:33
 Operator : SY/MD
 Sample : VSTD02050
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 03 04:48:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 04:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	192399	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	197117	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	106683	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	336265	21.207	ug/L	0.00
7) Chloroethane-d5	1.532	69	273312	20.906	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	155404	21.579	ug/L	0.00
20) 2-Butanone-d5	3.815	46	586275	236.263	ug/L	-0.02
24) Chloroform-d	4.246	84	557215	21.718	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	262045	22.616	ug/L	0.00
32) Benzene-d6	4.956	84	1136632	22.043	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	337407	22.295	ug/L	0.00
41) Toluene-d8	7.239	98	1061261	22.658	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	131298	24.423	ug/L	0.00
46) 2-Hexanone-d5	8.024	63	500510	271.260	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	239202	22.653	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.557	152	351086	20.893	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	302530	20.432	ug/L	100
3) Chloromethane	1.214	50	363282	20.227	ug/L	100
5) Vinyl chloride	1.281	62	397308	20.684	ug/L	99
6) Bromomethane	1.487	94	223453	20.376	ug/L	100
8) Chloroethane	1.548	64	249403	20.199	ug/L	100
9) Trichlorofluoromethane	1.712	101	525438	20.580	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	329364	21.057	ug/L	99
12) 1,1-Dichloroethene	2.069	96	308604	21.127	ug/L	98
13) Acetone	2.166	43	422328	233.357	ug/L	88
14) Carbon disulfide	2.240	76	908053	20.867	ug/L	100
15) Methyl Acetate	2.387	43	128865	25.796	ug/L	99
16) Methylene chloride	2.445	84	314669	19.635	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	720195	22.897	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	305287	21.085	ug/L	94
19) 1,1-Dichloroethane	3.108	63	604944	21.177	ug/L	99
21) 2-Butanone	3.899	43	670208	229.335	ug/L #	73
22) cis-1,2-Dichloroethene	3.812	96	337974	22.289	ug/L	97
23) Bromochloromethane	4.146	128	137298	21.565	ug/L	98
25) Chloroform	4.272	83	589829	20.791	ug/L	100
27) 1,2-Dichloroethane	5.040	62	354978	22.235	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	493553	20.429	ug/L	98
30) Cyclohexane	4.580	56	493505	22.175	ug/L	99
31) Carbon tetrachloride	4.731	117	426748	20.641	ug/L	99
33) Benzene	5.008	78	1283161	21.262	ug/L	100
34) Trichloroethene	5.828	95	329870	20.980	ug/L	96
35) Methylcyclohexane	6.050	83	524369	21.897	ug/L	99
37) 1,2-Dichloropropane	6.091	63	336818	21.526	ug/L	99
38) Bromodichloromethane	6.429	83	418474	21.200	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	502561	23.910	ug/L	96
40) 4-Methyl-2-pentanone	7.159	43	1613689	241.158	ug/L	99
42) Toluene	7.313	91	1387877	21.879	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	416529	23.906	ug/L	98

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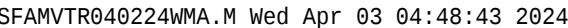
Instrument :
 MSVOA_V
 ClientSampleId :

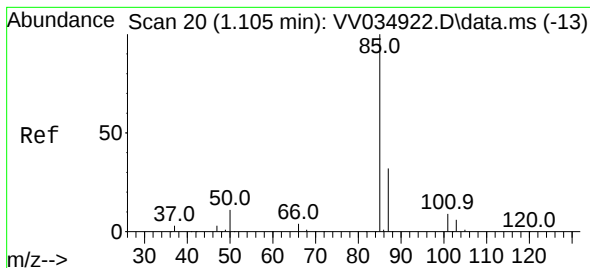
Quant Time: Apr 03 04:48:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 04:45:52 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	218879	21.289	ug/L	99
47) Tetrachloroethene	7.902	164	247932	20.988	ug/L	97
48) 2-Hexanone	8.075	43	1216086	232.869	ug/L	99
49) Dibromochloromethane	8.175	129	270463	22.350	ug/L	97
50) 1,2-Dibromoethane	8.281	107	211423	21.843	ug/L	99
51) Chlorobenzene	8.812	112	872607	21.292	ug/L	99
52) Ethylbenzene	8.943	91	1563401	22.818	ug/L	100
53) m,p-Xylene	9.069	106	581108	23.097	ug/L	100
54) o-Xylene	9.477	106	578473	23.434	ug/L	98
55) Styrene	9.493	104	968351	24.399	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	268079	21.815	ug/L	98
59) Bromoform	9.664	173	148911	22.456	ug/L	99
60) Isopropylbenzene	9.866	105	1475532	22.128	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	196511	19.731	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	1258508	22.976	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	1298870	23.373	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	709623	20.853	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	691568	20.291	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	645280	20.526	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	44262	21.620	ug/L	91
69) 1,3,5-Trichlorobenzene	12.580	180	552118	21.609	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	467472	23.552	ug/L	99
71) Naphthalene	13.438	128	687988	24.664	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	406899	23.310	ug/L	99

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

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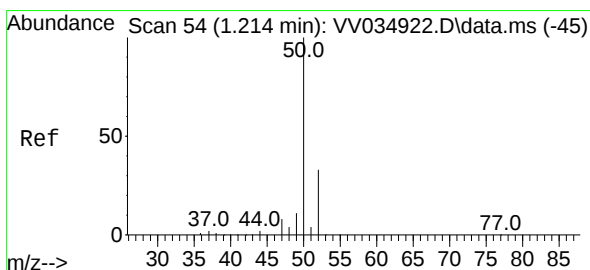
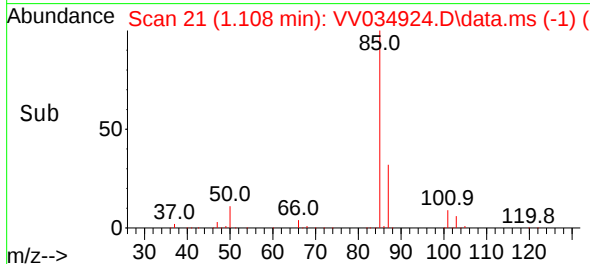
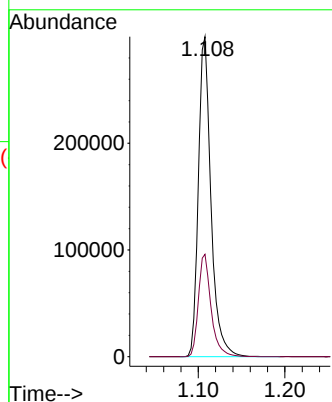
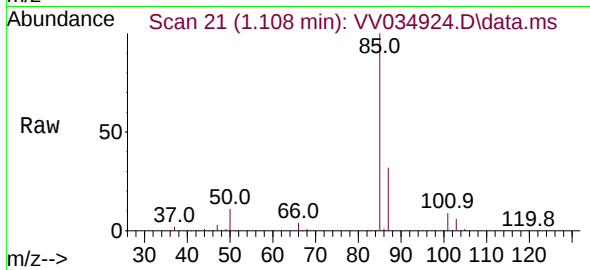




#2
 Dichlorodifluoromethane
 Concen: 20.432 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV034924.D
 Acq: 02 Apr 2024 10:33

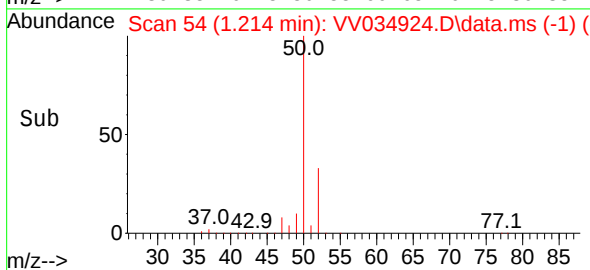
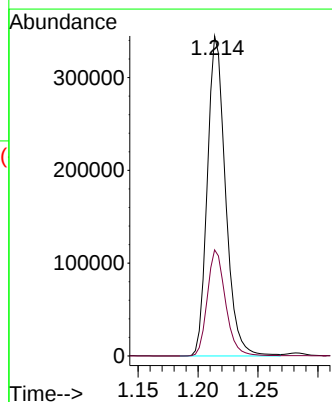
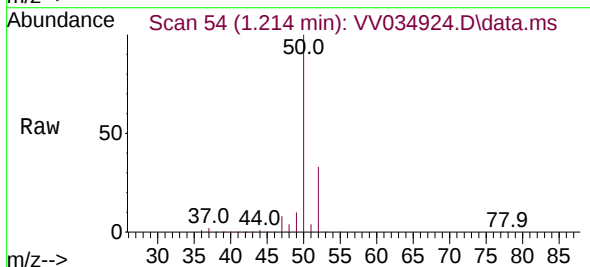
Instrument :
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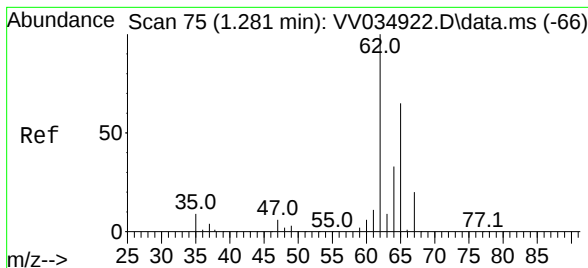
Tgt Ion: 85 Resp: 302530
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.7 38.5



#3
 Chloromethane
 Concen: 20.227 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV034924.D
 Acq: 02 Apr 2024 10:33

Tgt Ion: 50 Resp: 363282
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.4 43.4





#5

Vinyl chloride

Concen: 20.684 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min MSVOA_V

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

Instrument :

MSVOA_V

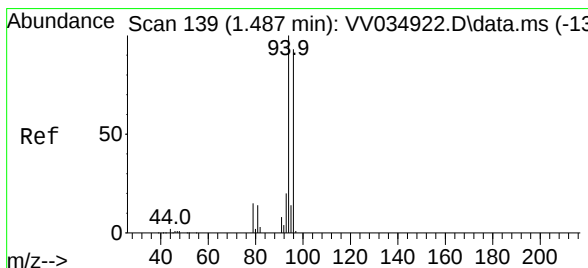
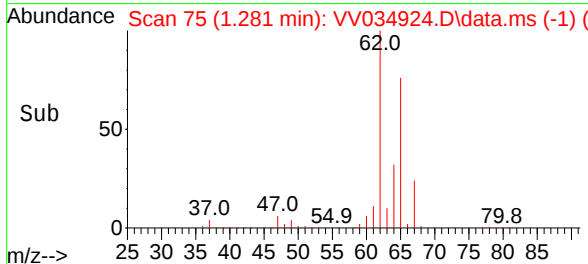
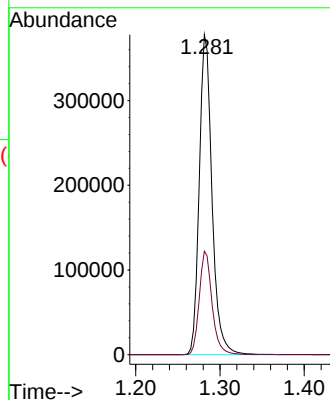
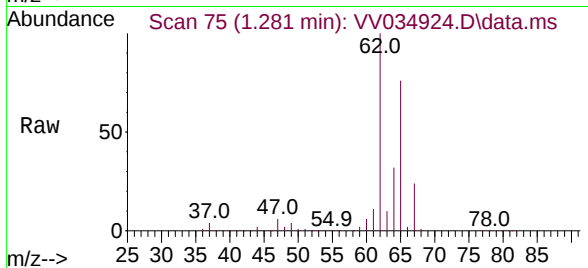
ClientSampleId :

Tgt Ion: 62 Resp: 397308

Ion Ratio Lower Upper

62 100

64 32.4 22.9 42.5



#6

Bromomethane

Concen: 20.376 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV034924.D

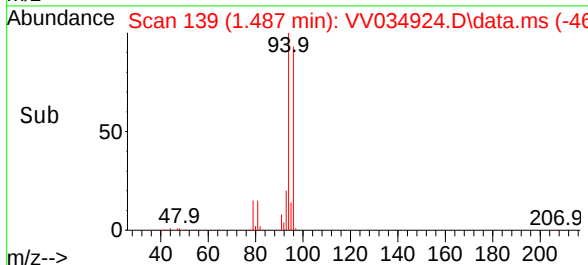
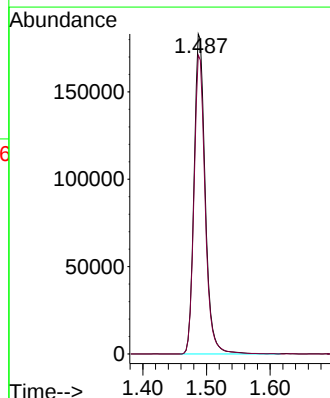
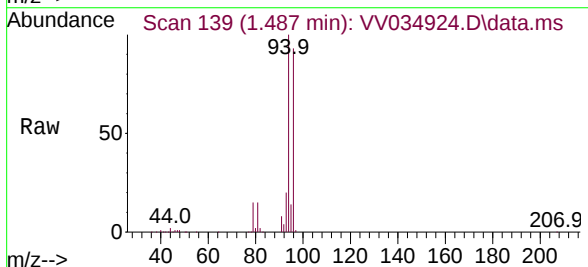
Acq: 02 Apr 2024 10:33

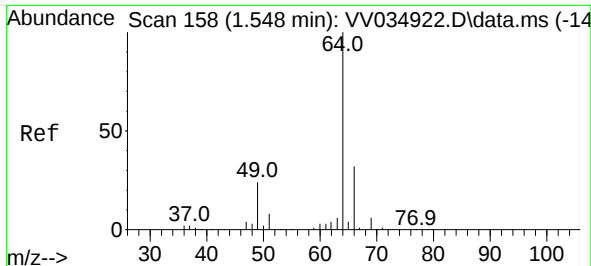
Tgt Ion: 94 Resp: 223453

Ion Ratio Lower Upper

94 100

96 93.4 65.4 121.4

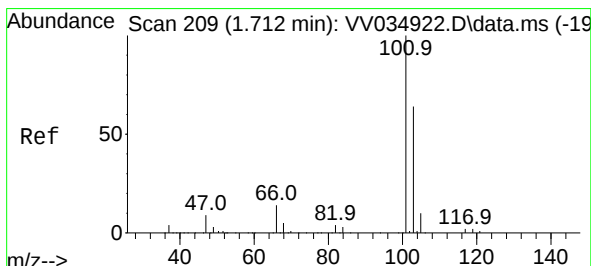
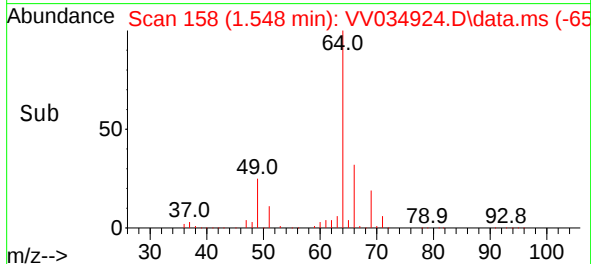
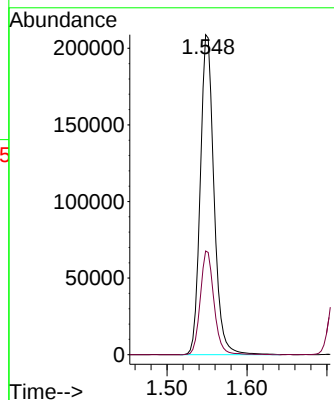
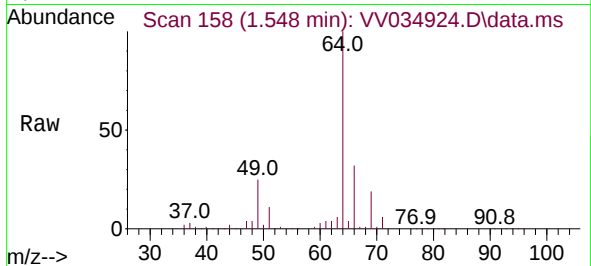




#8
Chloroethane
Concen: 20.199 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV034924.D
Acq: 02 Apr 2024 10:33

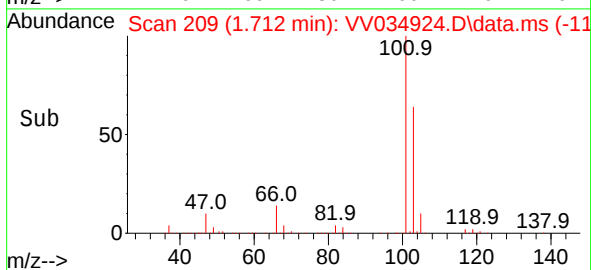
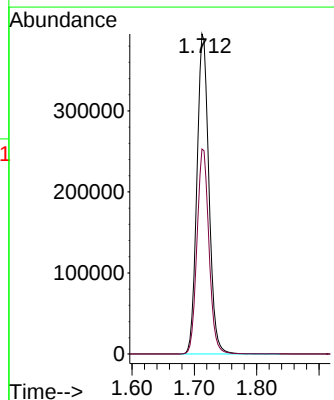
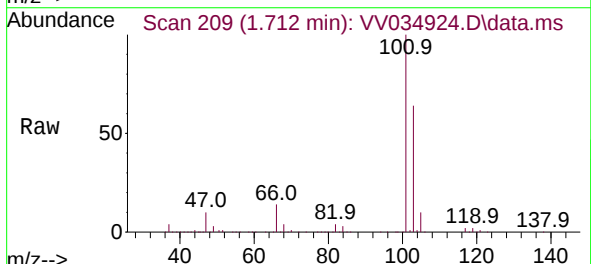
Instrument :
MSVOA_V
ClientSampleId :

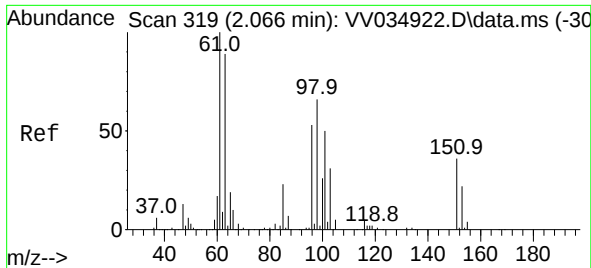
Tgt Ion: 64 Resp: 249403
Ion Ratio Lower Upper
64 100
66 32.4 22.6 42.0



#9
Trichlorofluoromethane
Concen: 20.580 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034924.D
Acq: 02 Apr 2024 10:33

Tgt Ion:101 Resp: 525438
Ion Ratio Lower Upper
101 100
103 64.1 51.9 77.9

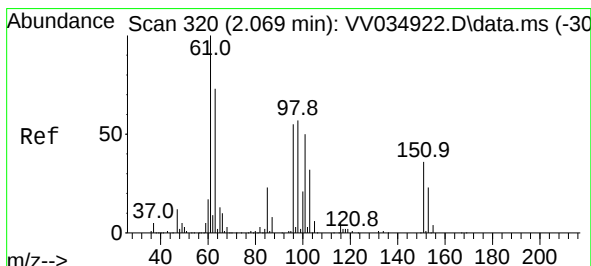
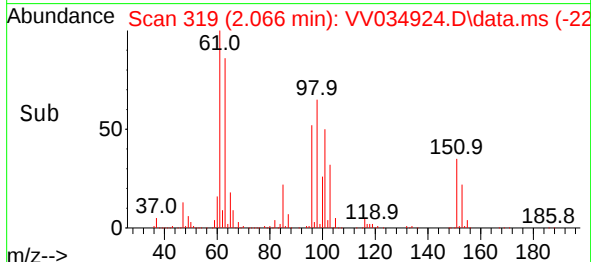
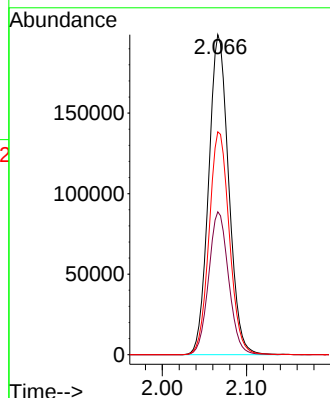
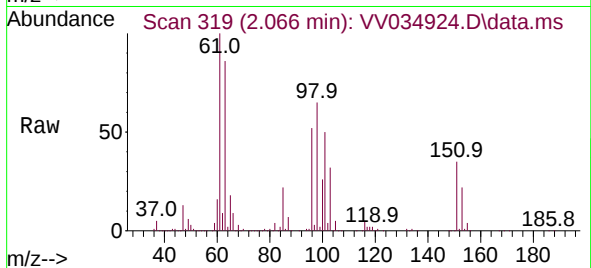




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.057 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV034924.D
 Acq: 02 Apr 2024 10:33

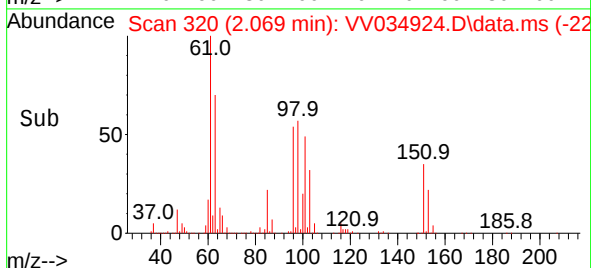
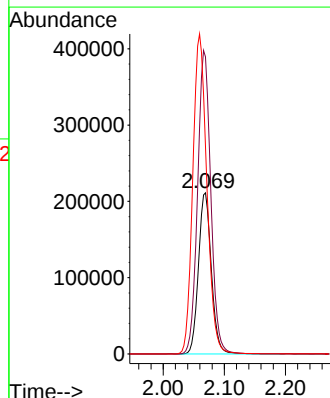
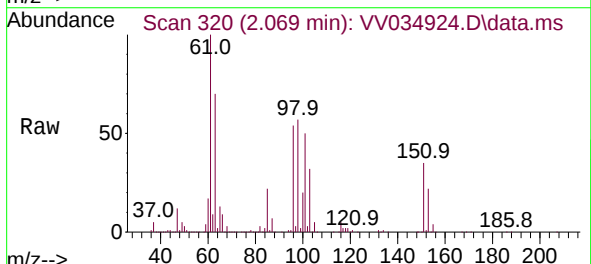
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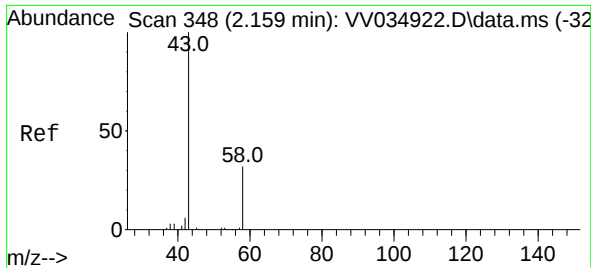
Tgt Ion:101 Resp: 329364
 Ion Ratio Lower Upper
 101 100
 85 44.4 36.2 54.4
 151 70.3 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 21.127 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034924.D
 Acq: 02 Apr 2024 10:33

Tgt Ion: 96 Resp: 308604
 Ion Ratio Lower Upper
 96 100
 61 184.3 128.1 237.9
 63 128.9 93.5 173.7





#13

Acetone

Concen: 233.357 ug/L

RT: 2.166 min Scan# 348

Delta R.T. 0.006 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

Instrument :

MSVOA_V

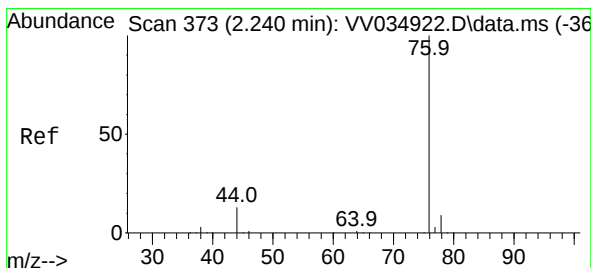
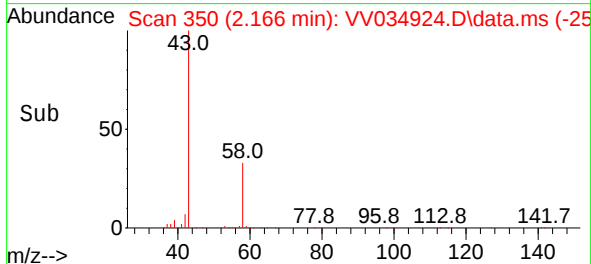
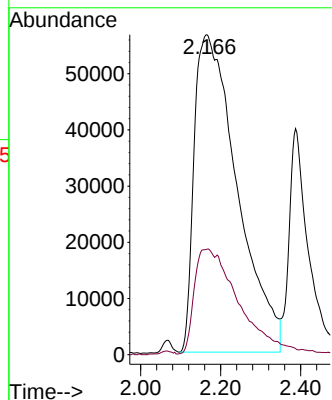
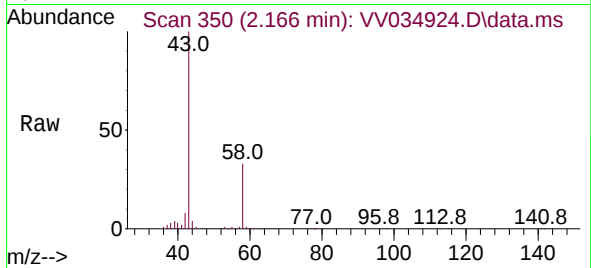
ClientSampleId :

Tgt Ion: 43 Resp: 422328

Ion Ratio Lower Upper

43 100

58 14.8 0.0 40.8



#14

Carbon disulfide

Concen: 20.867 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034924.D

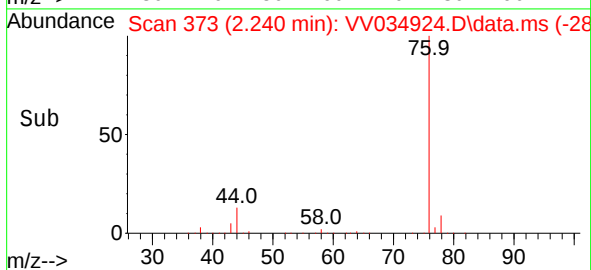
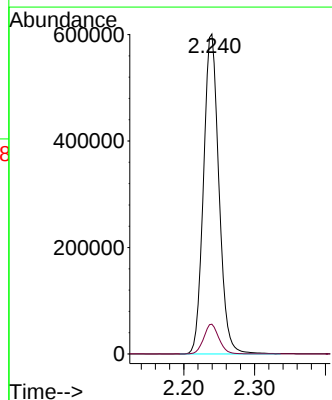
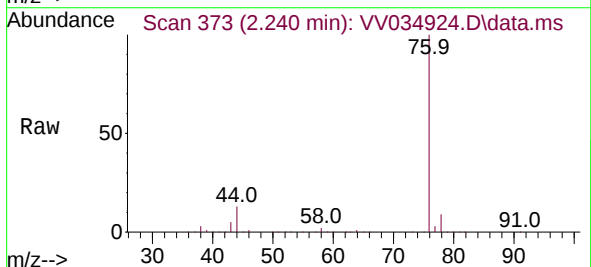
Acq: 02 Apr 2024 10:33

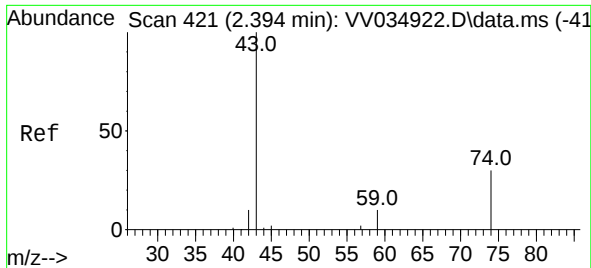
Tgt Ion: 76 Resp: 908053

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

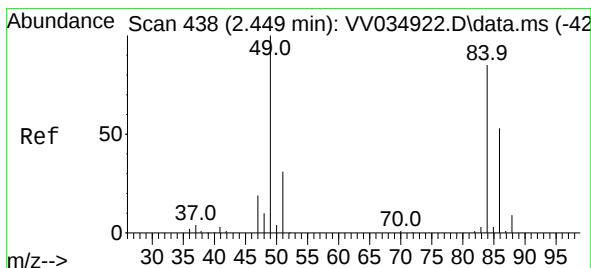
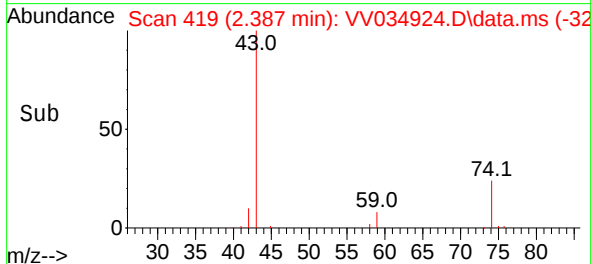
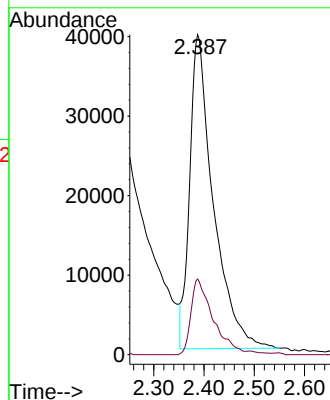
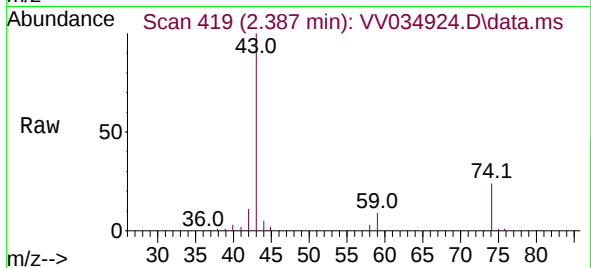




#15
Methyl Acetate
Concen: 25.796 ug/L
RT: 2.387 min Scan# 419
Delta R.T. -0.007 min
Lab File: VV034924.D
Acq: 02 Apr 2024 10:33

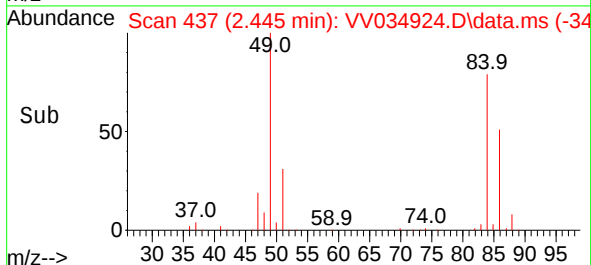
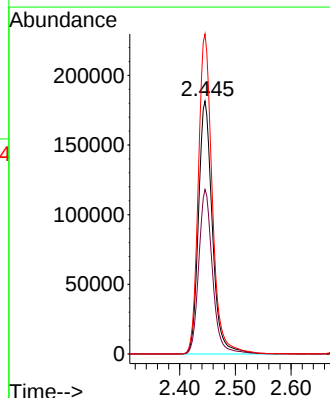
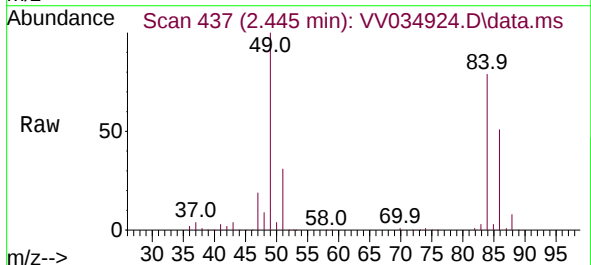
Instrument :
MSVOA_V
ClientSampleId :

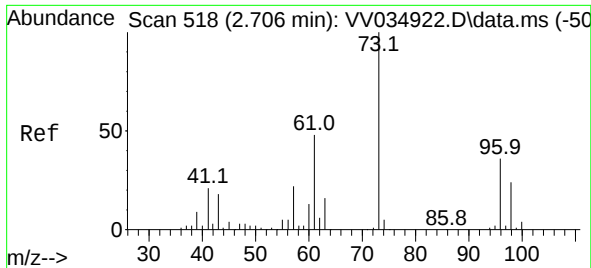
Tgt Ion: 43 Resp: 128865
Ion Ratio Lower Upper
43 100
74 22.5 18.5 27.7



#16
Methylene chloride
Concen: 19.635 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV034924.D
Acq: 02 Apr 2024 10:33

Tgt Ion: 84 Resp: 314669
Ion Ratio Lower Upper
84 100
86 65.0 43.5 80.9
49 126.5 82.5 153.3





#17

Methyl tert-butyl Ether

Concen: 22.897 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.000 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

Instrument :

MSVOA_V

ClientSampleId :

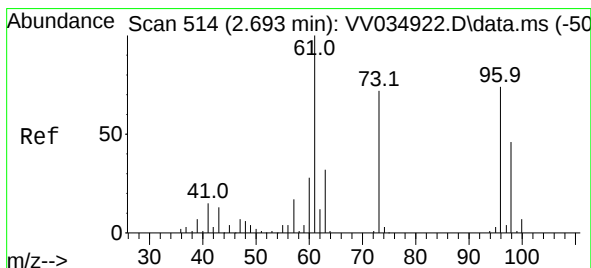
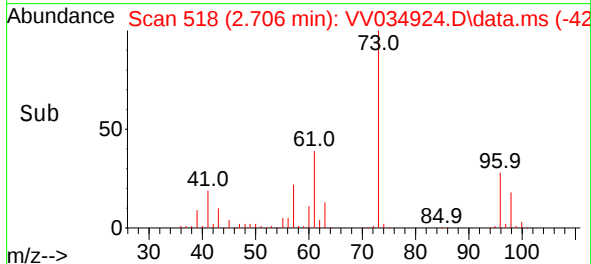
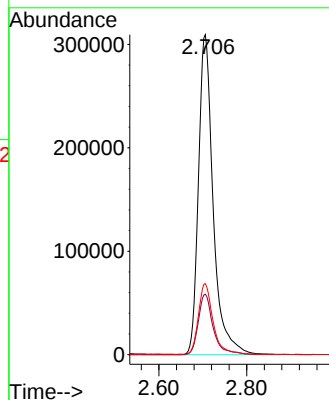
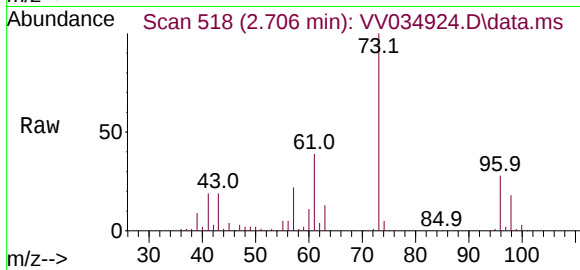
Tgt Ion: 73 Resp: 720195

Ion Ratio Lower Upper

73 100

43 18.9 14.8 22.2

57 22.3 18.1 27.1



#18

trans-1,2-Dichloroethene

Concen: 21.085 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

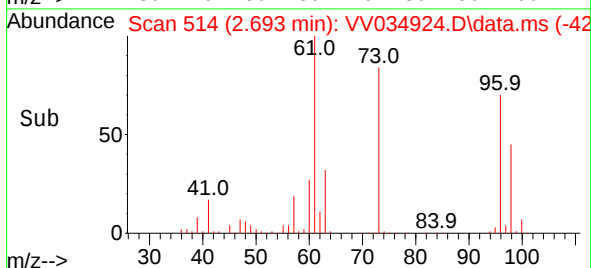
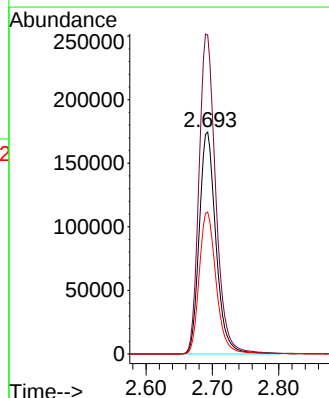
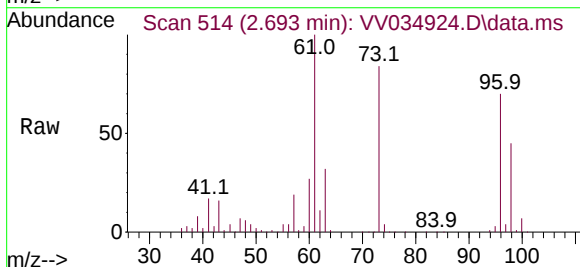
Tgt Ion: 96 Resp: 305287

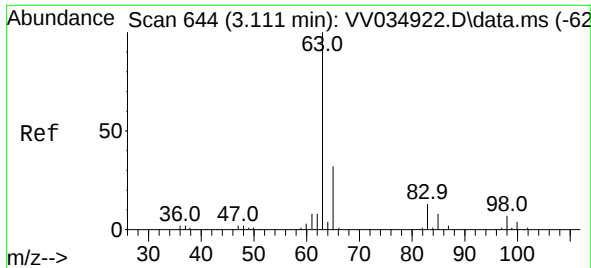
Ion Ratio Lower Upper

96 100

61 143.7 94.5 175.5

98 64.0 43.5 80.9





#19

1,1-Dichloroethane

Concen: 21.177 ug/L

RT: 3.108 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

Instrument :

MSVOA_V

ClientSampleId :

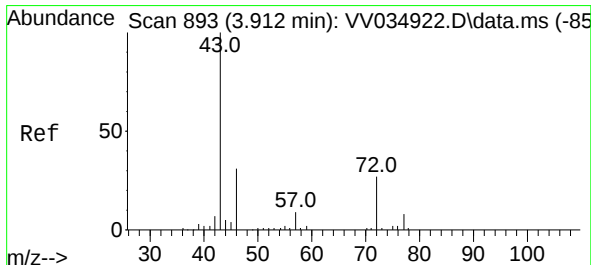
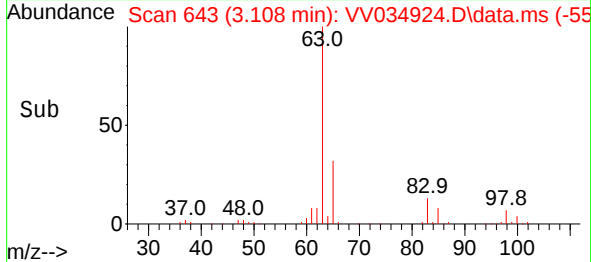
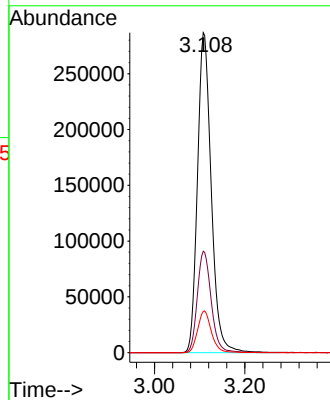
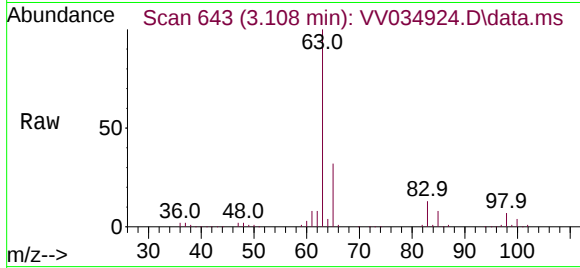
Tgt Ion: 63 Resp: 604944

Ion Ratio Lower Upper

63 100

65 31.7 22.5 41.9

83 12.9 9.1 16.9



#21

2-Butanone

Concen: 229.335 ug/L

RT: 3.899 min Scan# 889

Delta R.T. -0.013 min

Lab File: VV034924.D

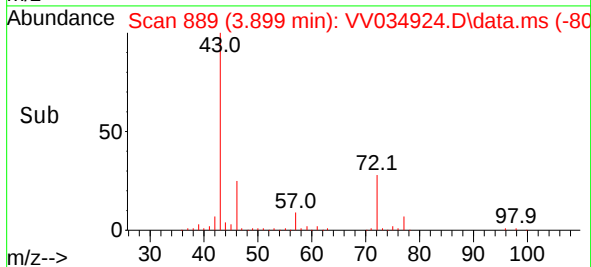
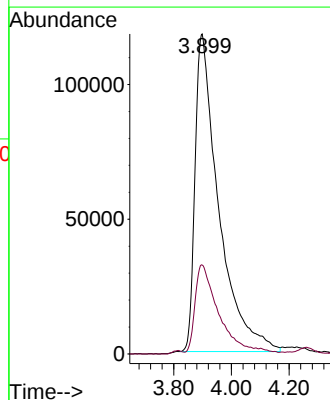
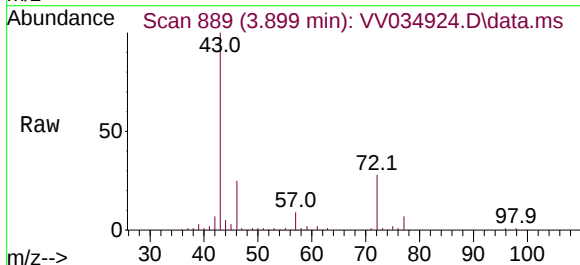
Acq: 02 Apr 2024 10:33

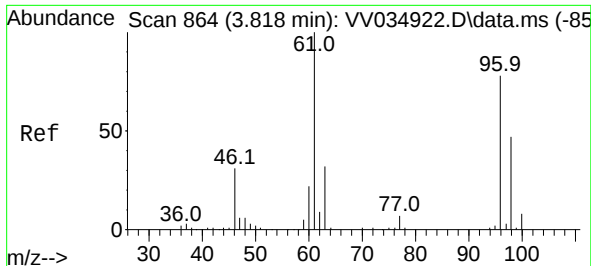
Tgt Ion: 43 Resp: 670208

Ion Ratio Lower Upper

43 100

72 26.4 7.5 22.5#





#22

cis-1,2-Dichloroethene

Concen: 22.289 ug/L

RT: 3.812 min Scan# 864

Delta R.T. -0.007 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

Instrument :

MSVOA_V

ClientSampleId :

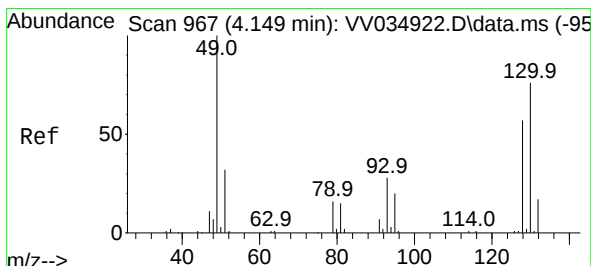
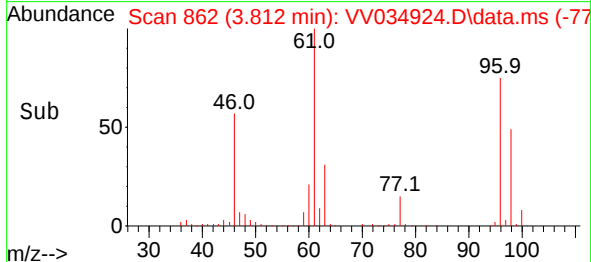
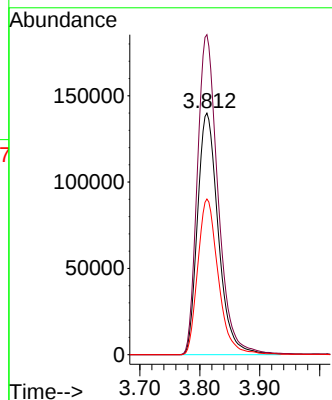
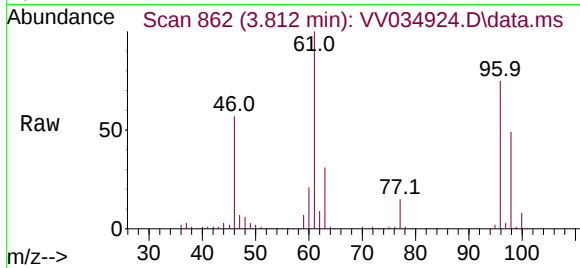
Tgt Ion: 96 Resp: 337974

Ion Ratio Lower Upper

96 100

61 132.5 90.3 167.7

98 64.5 42.7 79.3



#23

Bromochloromethane

Concen: 21.565 ug/L

RT: 4.146 min Scan# 966

Delta R.T. -0.003 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

Tgt Ion: 128 Resp: 137298

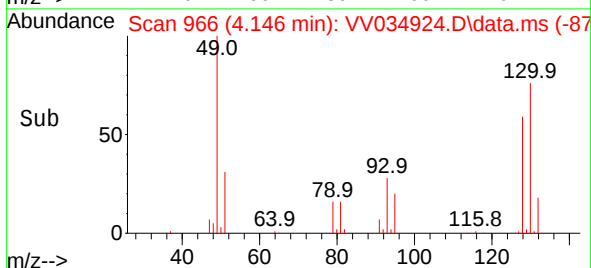
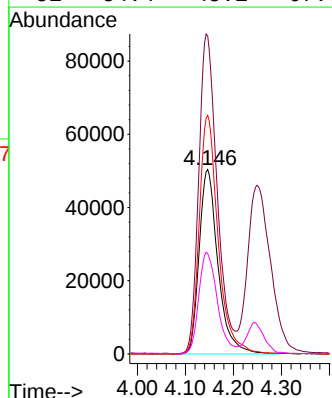
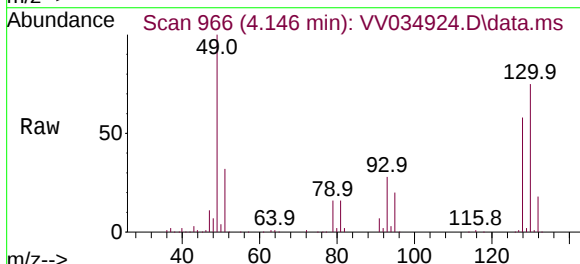
Ion Ratio Lower Upper

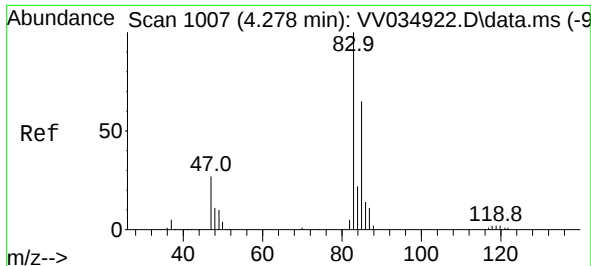
128 100

49 172.3 122.9 228.3

130 129.3 92.1 171.1

51 54.4 45.1 67.7





#25

Chloroform

Concen: 20.791 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.007 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

Instrument :

MSVOA_V

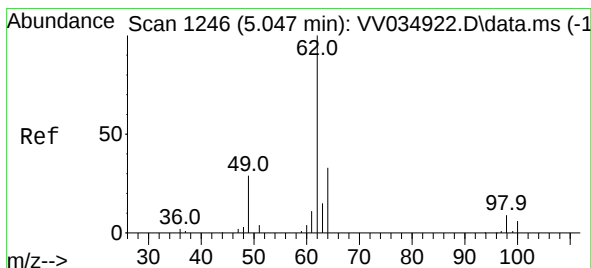
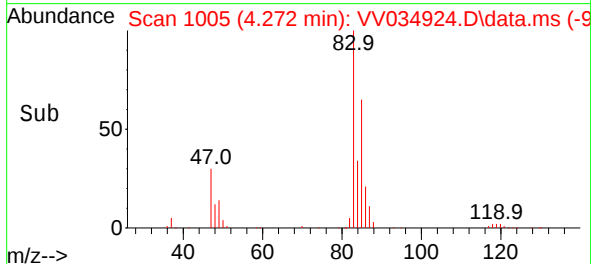
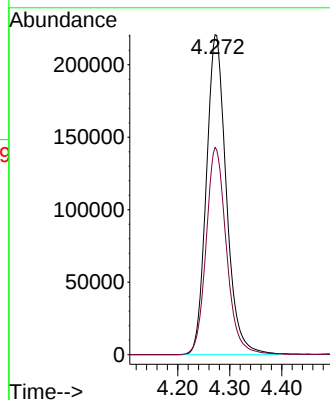
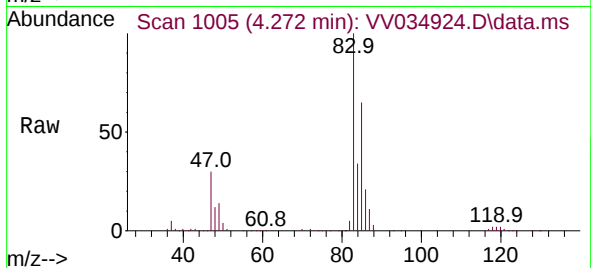
ClientSampleId :

Tgt Ion: 83 Resp: 589829

Ion Ratio Lower Upper

83 100

85 64.8 45.5 84.5



#27

1,2-Dichloroethane

Concen: 22.235 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.006 min

Lab File: VV034924.D

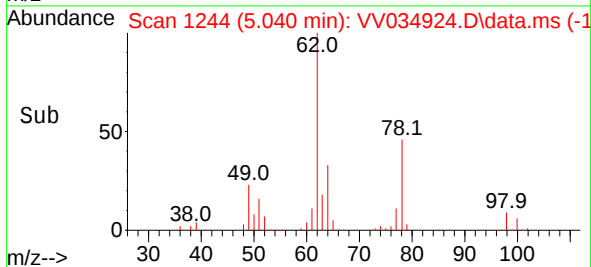
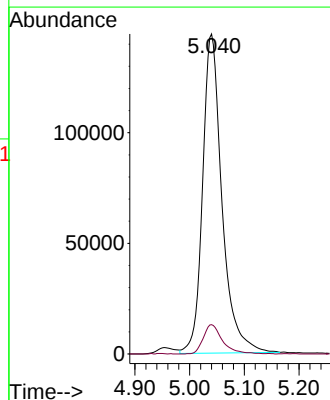
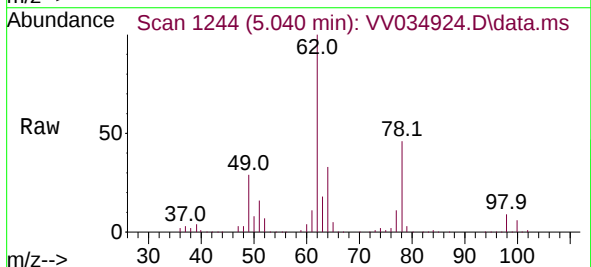
Acq: 02 Apr 2024 10:33

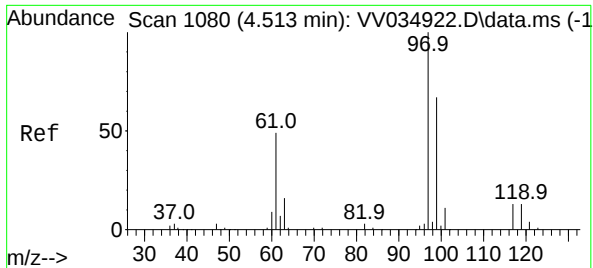
Tgt Ion: 62 Resp: 354978

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0

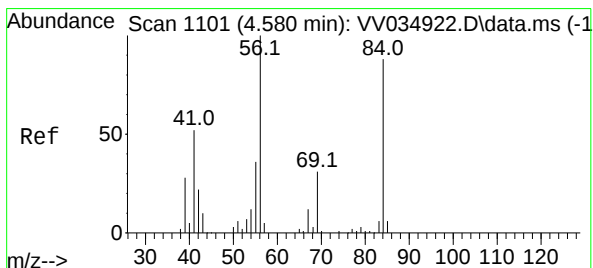
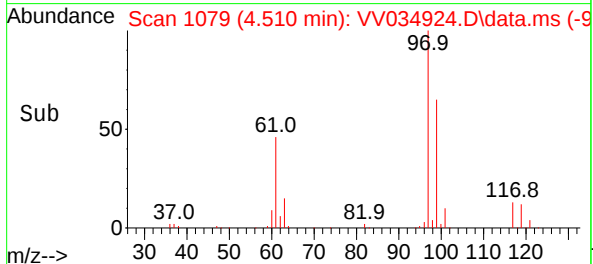
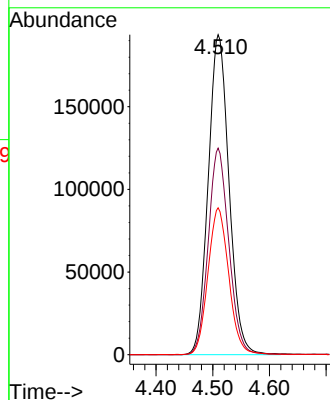
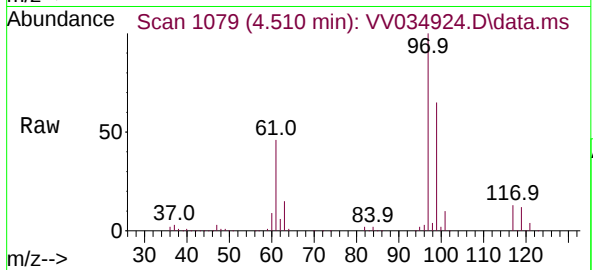




#29
1,1,1-Trichloroethane
Concen: 20.429 ug/L
RT: 4.510 min Scan# 1080
Delta R.T. -0.003 min
Lab File: VV034924.D
Acq: 02 Apr 2024 10:33

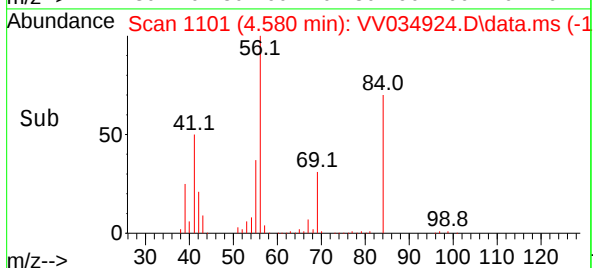
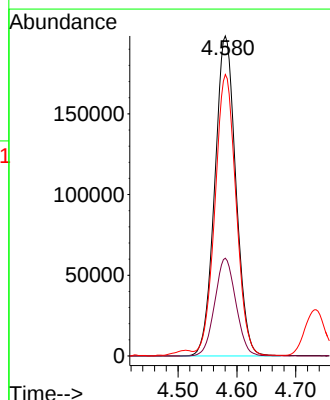
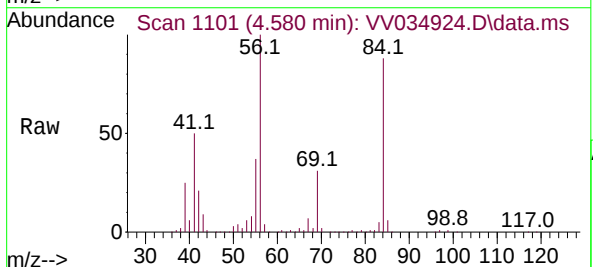
Instrument :
MSVOA_V
ClientSampleId :

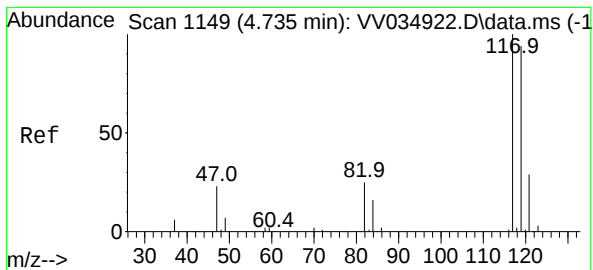
Tgt Ion: 97 Resp: 493553
Ion Ratio Lower Upper
97 100
99 64.0 52.1 78.1
61 45.8 38.7 58.1



#30
Cyclohexane
Concen: 22.175 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VV034924.D
Acq: 02 Apr 2024 10:33

Tgt Ion: 56 Resp: 493505
Ion Ratio Lower Upper
56 100
69 30.6 25.2 37.8
84 87.7 69.8 104.8

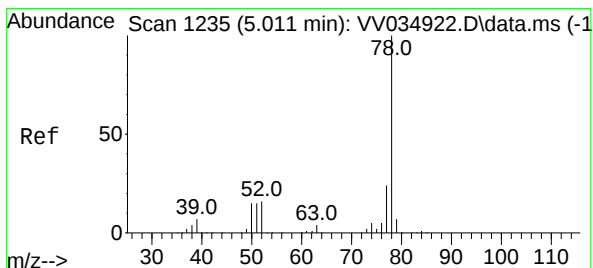
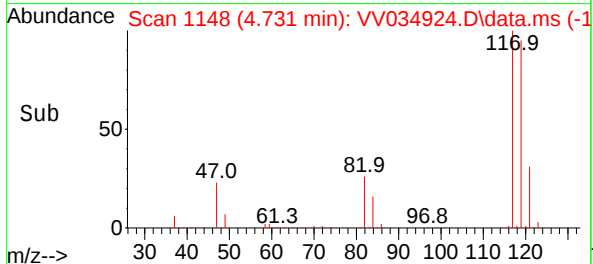
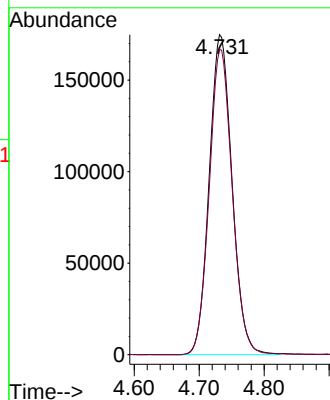
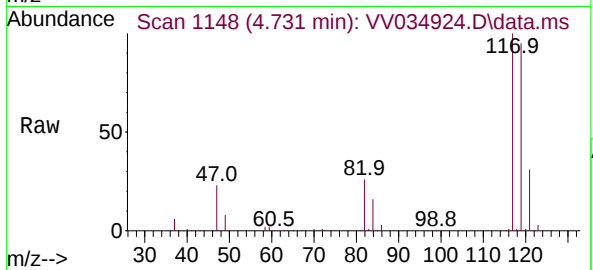




#31
Carbon tetrachloride
Concen: 20.641 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV034924.D
Acq: 02 Apr 2024 10:33

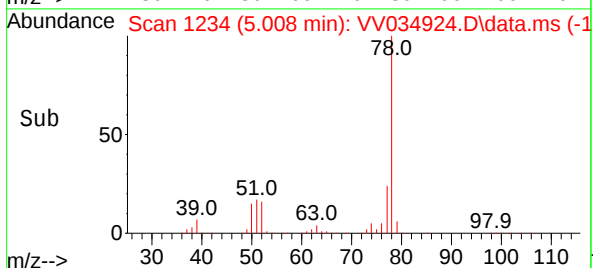
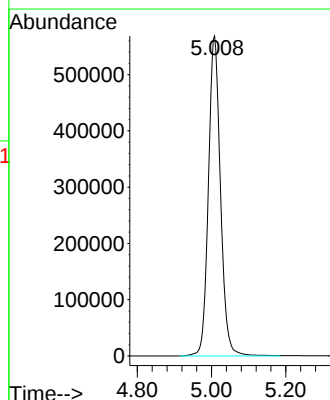
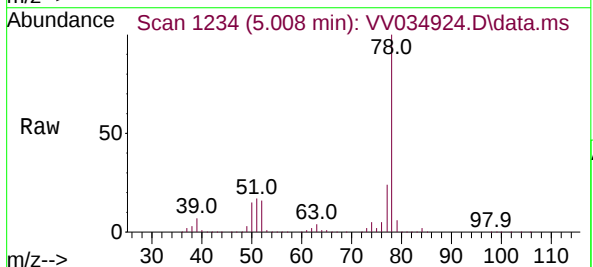
Instrument :
MSVOA_V
ClientSampleId :

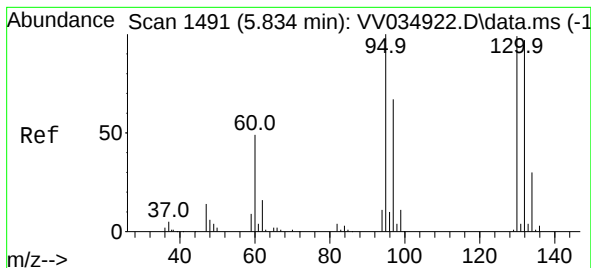
Tgt Ion:117 Resp: 426748
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.6



#33
Benzene
Concen: 21.262 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV034924.D
Acq: 02 Apr 2024 10:33

Tgt Ion: 78 Resp: 1283161





#34

Trichloroethene

Concen: 20.980 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.007 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 329870

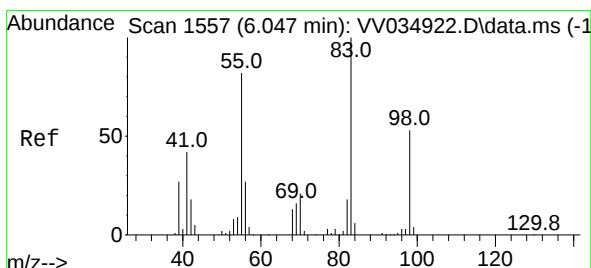
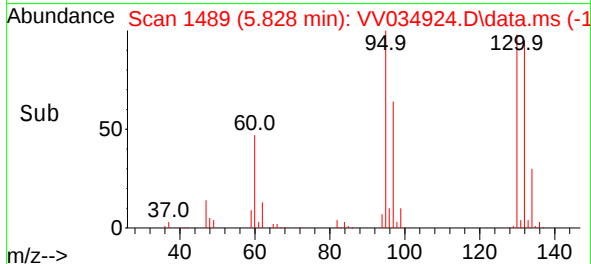
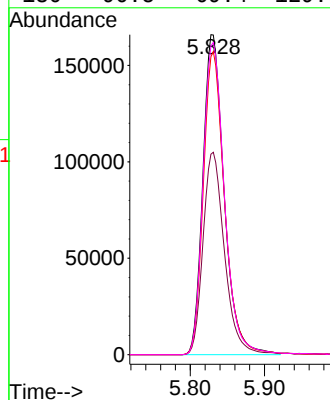
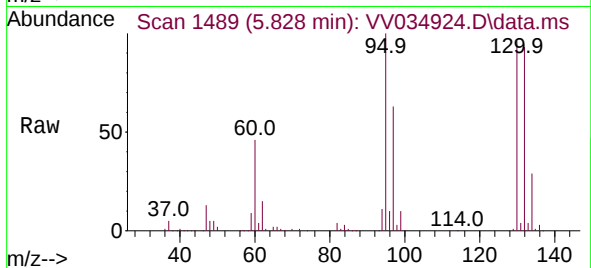
Ion Ratio Lower Upper

95 100

97 62.7 46.8 86.8

132 93.1 68.0 126.4

130 96.5 69.4 129.0



#35

Methylcyclohexane

Concen: 21.897 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

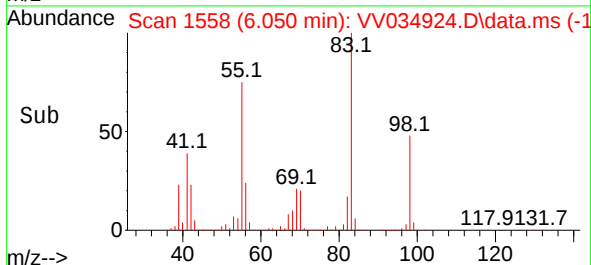
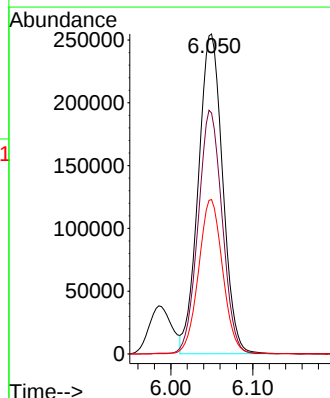
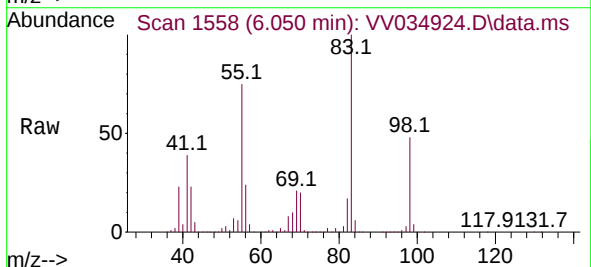
Tgt Ion: 83 Resp: 524369

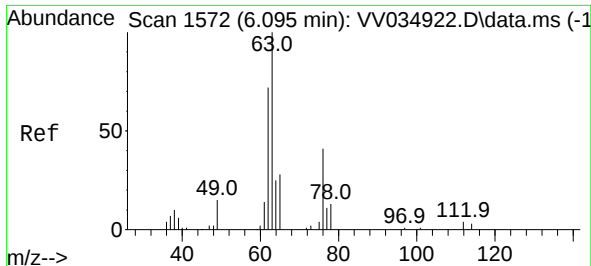
Ion Ratio Lower Upper

83 100

55 75.5 60.6 91.0

98 48.2 37.8 56.6

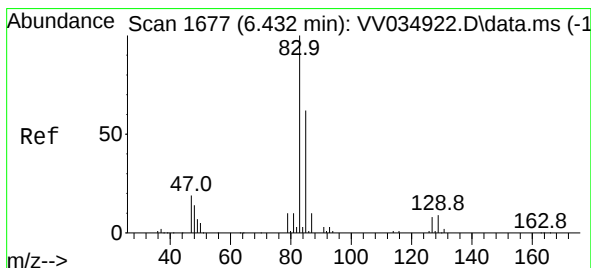
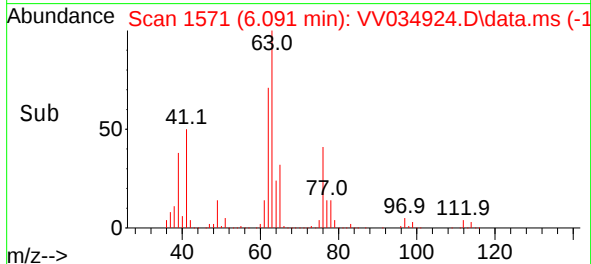
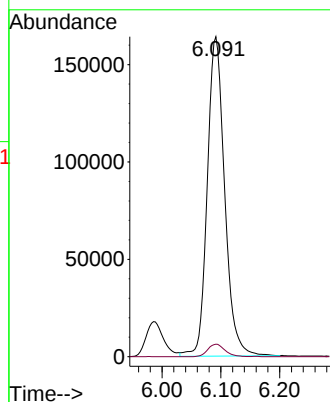
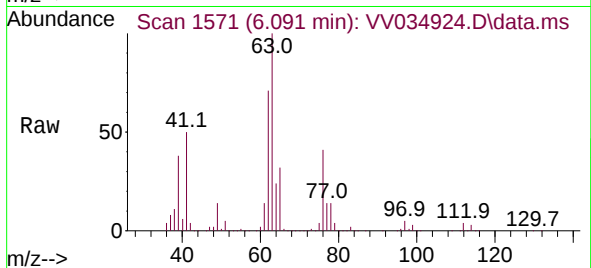




#37
1,2-Dichloropropane
Concen: 21.526 ug/L
RT: 6.091 min Scan# 1571
Delta R.T. -0.003 min
Lab File: VV034924.D
Acq: 02 Apr 2024 10:33

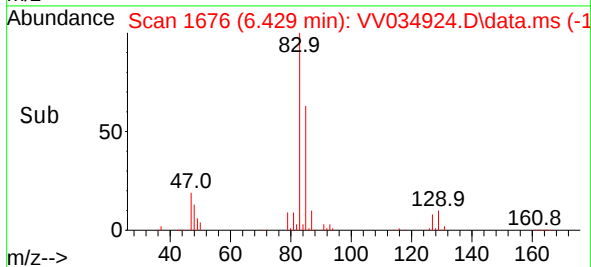
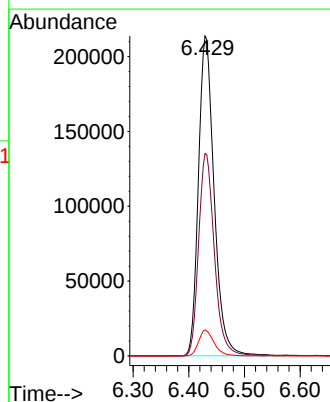
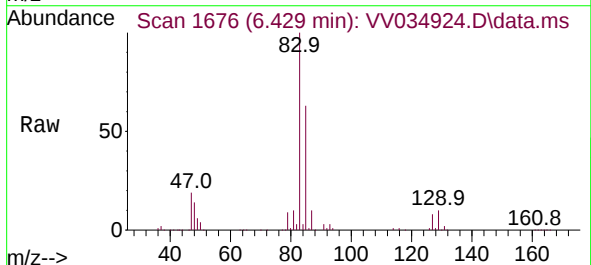
Instrument :
MSVOA_V
ClientSampleId :

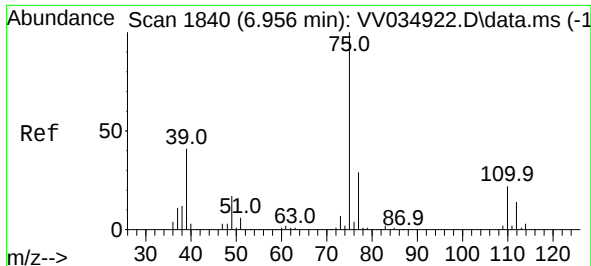
Tgt Ion: 63 Resp: 336818
Ion Ratio Lower Upper
63 100
112 3.9 3.5 5.3



#38
Bromodichloromethane
Concen: 21.200 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.003 min
Lab File: VV034924.D
Acq: 02 Apr 2024 10:33

Tgt Ion: 83 Resp: 418474
Ion Ratio Lower Upper
83 100
85 63.3 43.6 81.0
127 8.1 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.910 ug/L

RT: 6.950 min Scan# 11

Delta R.T. -0.007 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

Instrument :

MSVOA_V

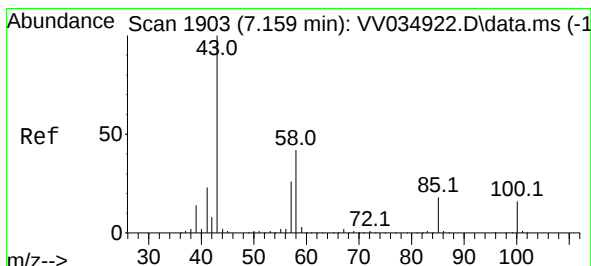
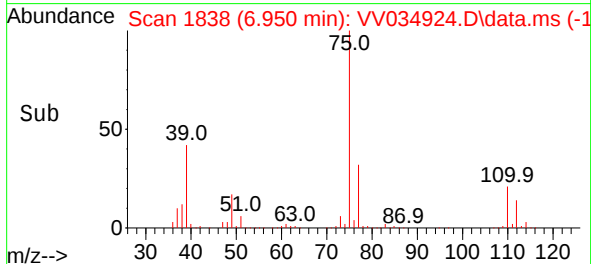
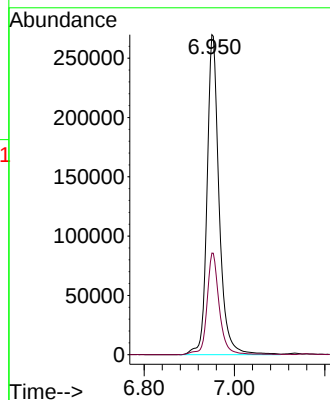
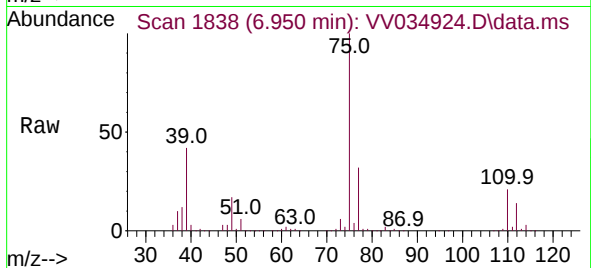
ClientSampleId :

Tgt Ion: 75 Resp: 502561

Ion Ratio Lower Upper

75 100

77 31.8 20.6 38.4



#40

4-Methyl-2-pentanone

Concen: 241.158 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

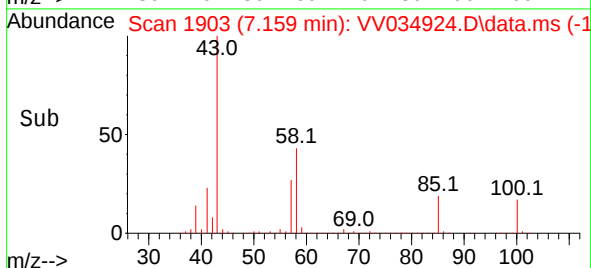
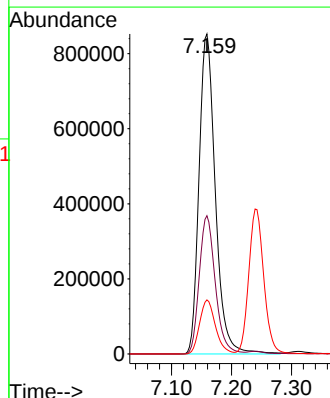
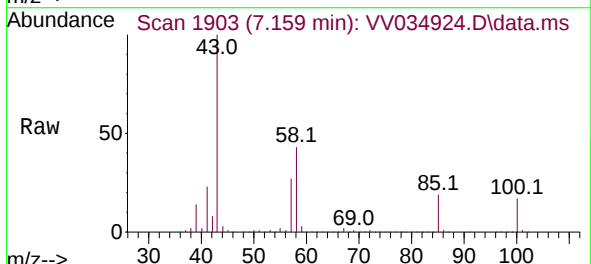
Tgt Ion: 43 Resp: 1613689

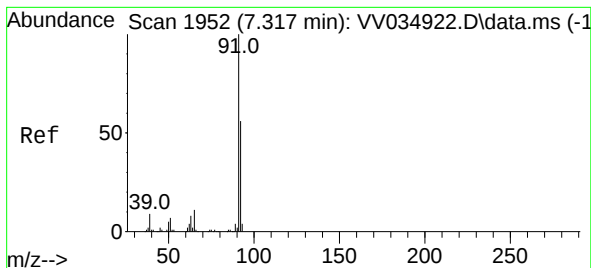
Ion Ratio Lower Upper

43 100

58 42.5 33.8 50.6

100 16.4 11.9 17.9





#42

Toluene

Concen: 21.879 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

Instrument :

MSVOA_V

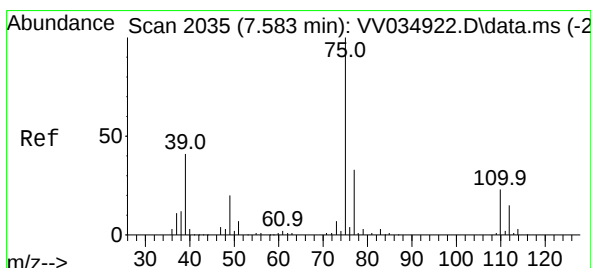
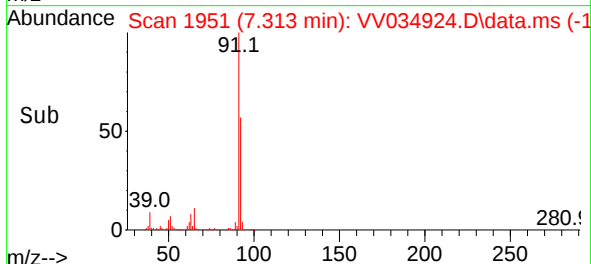
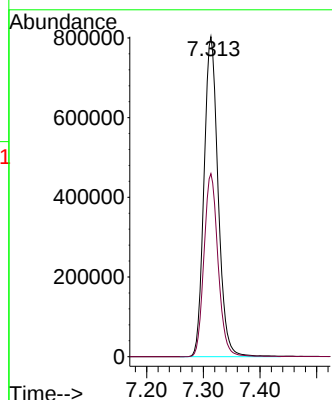
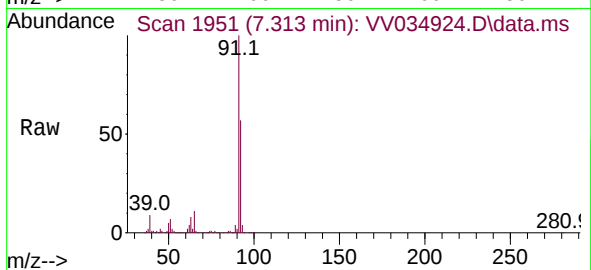
ClientSampleId :

Tgt Ion: 91 Resp: 1387877

Ion Ratio Lower Upper

91 100

92 57.2 38.9 72.2



#44

trans-1,3-Dichloropropene

Concen: 23.906 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.007 min

Lab File: VV034924.D

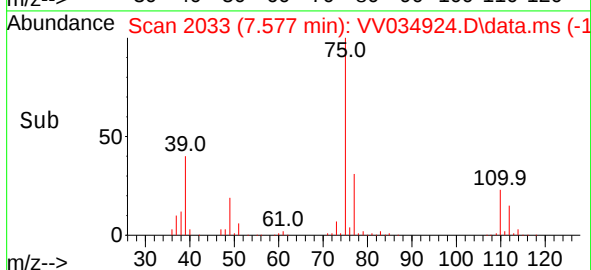
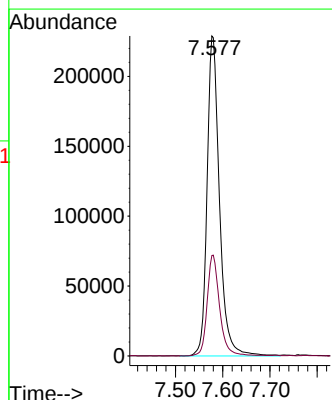
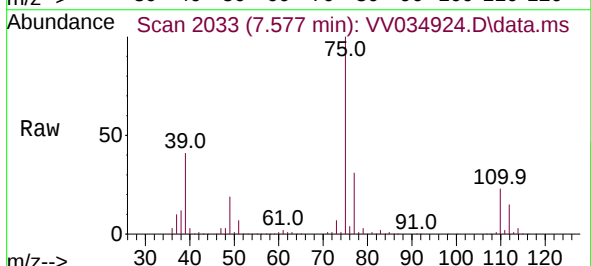
Acq: 02 Apr 2024 10:33

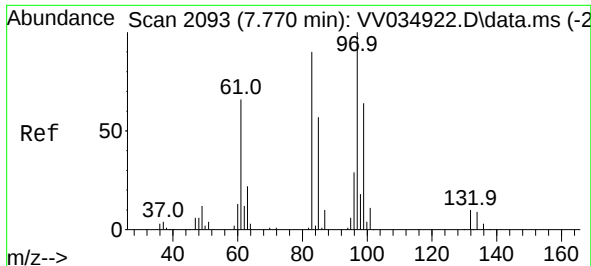
Tgt Ion: 75 Resp: 416529

Ion Ratio Lower Upper

75 100

77 31.4 22.7 42.3



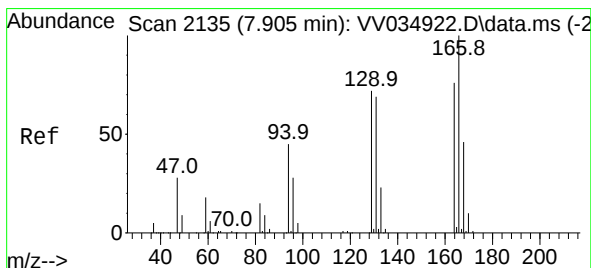
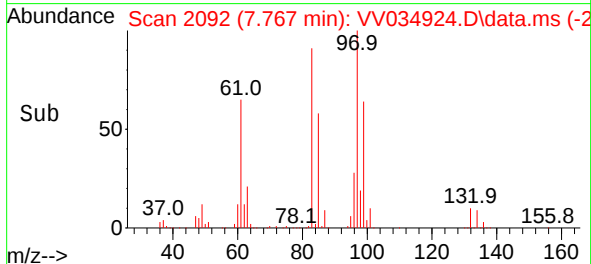
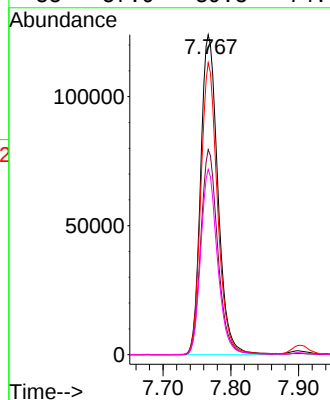
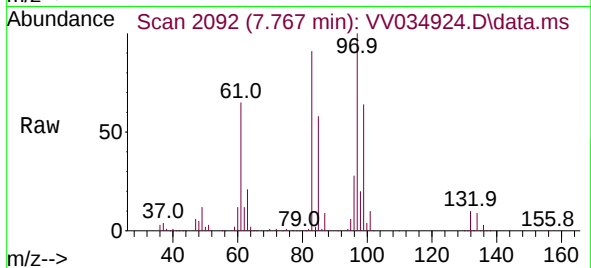


#45
1,1,2-Trichloroethane
Concen: 21.289 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.003 min
Lab File: VV034924.D
Acq: 02 Apr 2024 10:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 218879

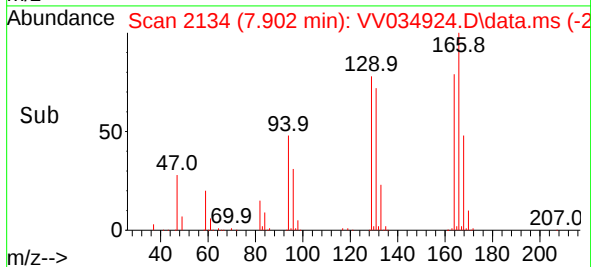
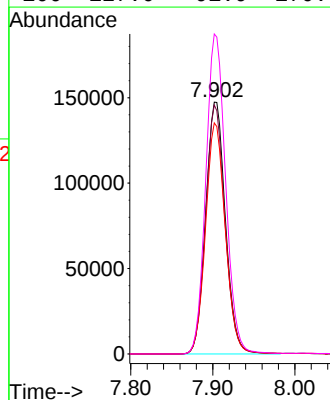
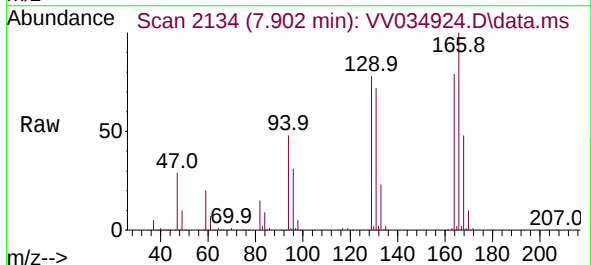
Ion	Ratio	Lower	Upper
97	100		
99	64.1	44.5	82.7
83	91.2	63.2	117.4
85	57.9	39.8	74.0

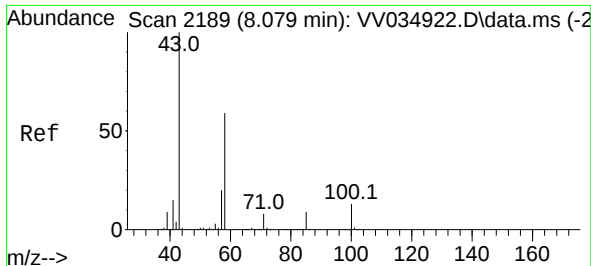


#47
Tetrachloroethene
Concen: 20.988 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV034924.D
Acq: 02 Apr 2024 10:33

Tgt Ion: 164 Resp: 247932

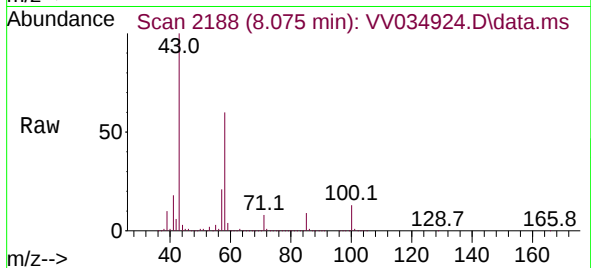
Ion	Ratio	Lower	Upper
164	100		
129	98.8	66.0	122.6
131	91.7	63.0	117.0
166	127.0	91.9	170.7





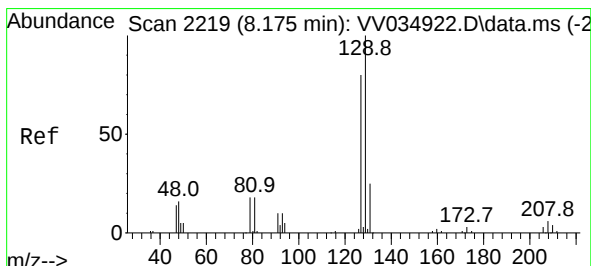
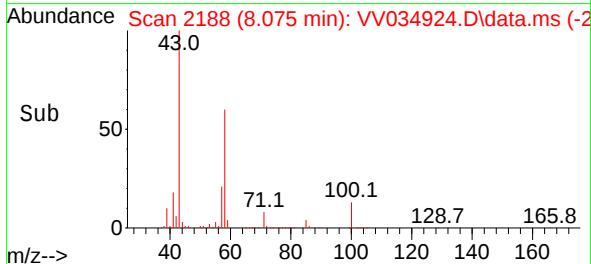
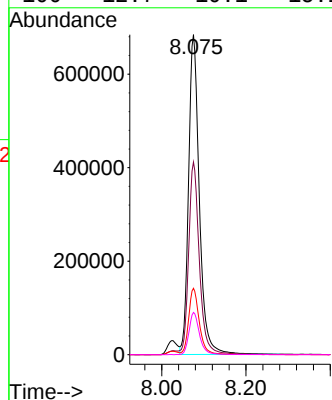
#48
2-Hexanone
Concen: 232.869 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV034924.D
Acq: 02 Apr 2024 10:33

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 1216086

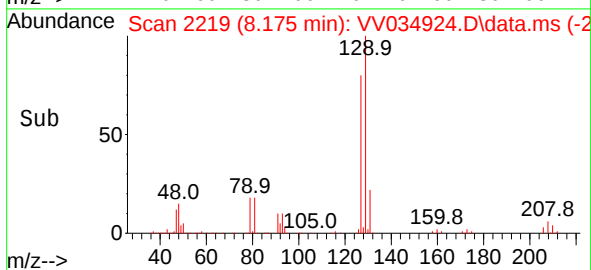
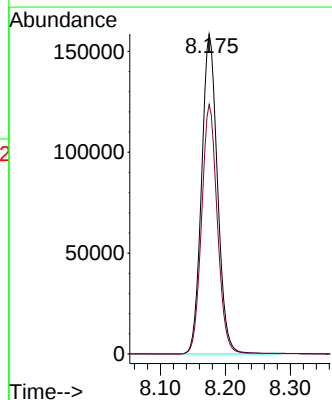
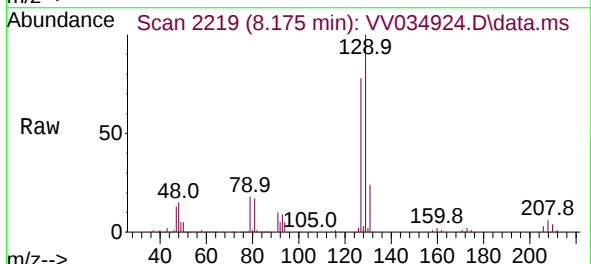
Ion	Ratio	Lower	Upper
43	100		
58	59.5	48.2	72.4
57	20.2	15.6	23.4
100	12.7	10.1	15.1

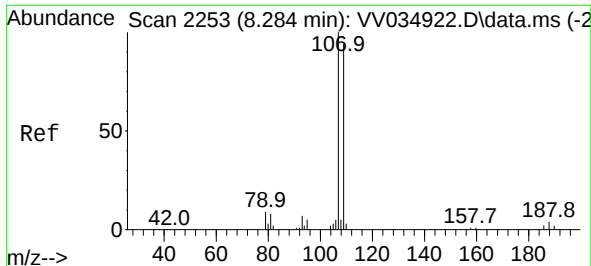


#49
Dibromochloromethane
Concen: 22.350 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV034924.D
Acq: 02 Apr 2024 10:33

Tgt Ion:129 Resp: 270463

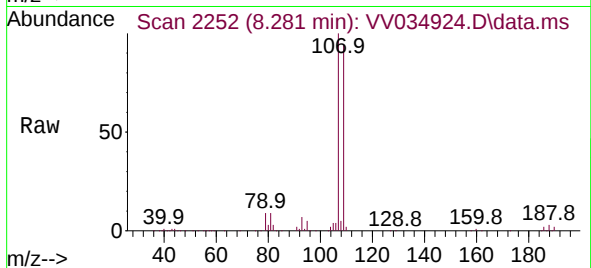
Ion	Ratio	Lower	Upper
129	100		
127	77.9	56.4	104.7



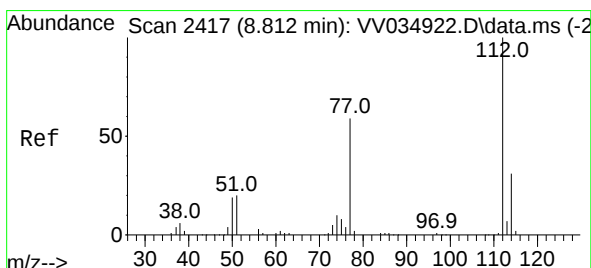
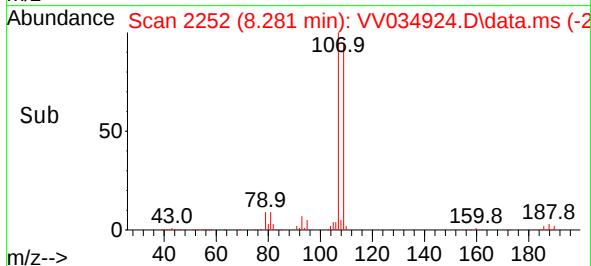
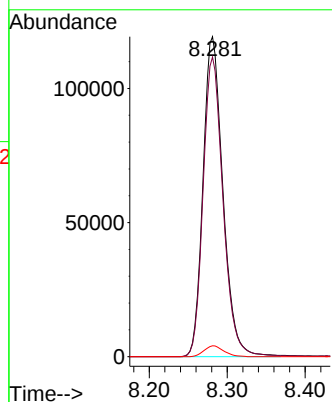


#50
1,2-Dibromoethane
Concen: 21.843 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV034924.D
Acq: 02 Apr 2024 10:33

Instrument :
MSVOA_V
ClientSampleId :

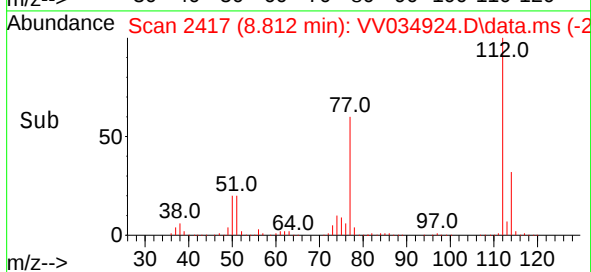
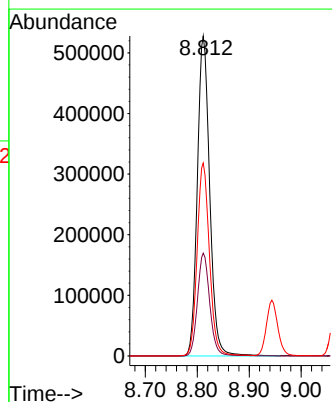
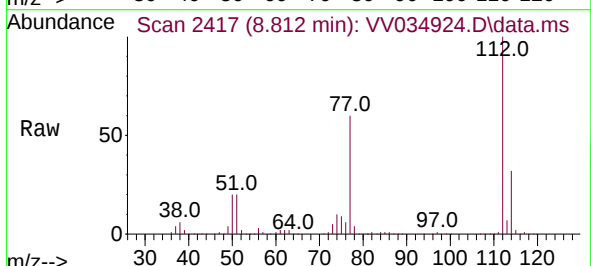


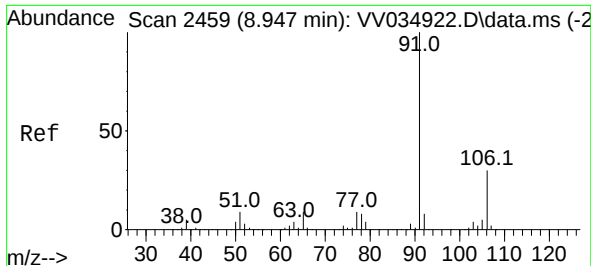
Tgt Ion:107 Resp: 211423
Ion Ratio Lower Upper
107 100
109 93.7 66.1 122.8
188 3.4 3.2 4.8



#51
Chlorobenzene
Concen: 21.292 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV034924.D
Acq: 02 Apr 2024 10:33

Tgt Ion:112 Resp: 872607
Ion Ratio Lower Upper
112 100
114 32.2 21.9 40.7
77 60.3 47.4 71.2





#52

Ethylbenzene

Concen: 22.818 ug/L

RT: 8.943 min Scan# 2459

Delta R.T. -0.003 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

Instrument :

MSVOA_V

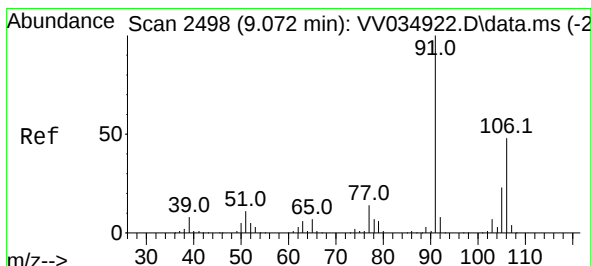
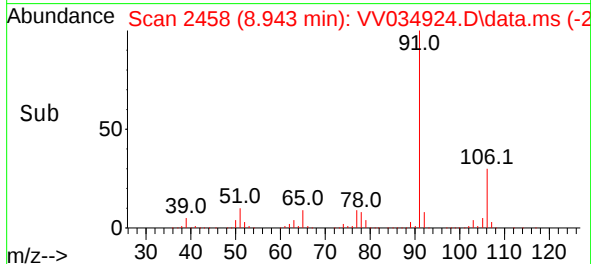
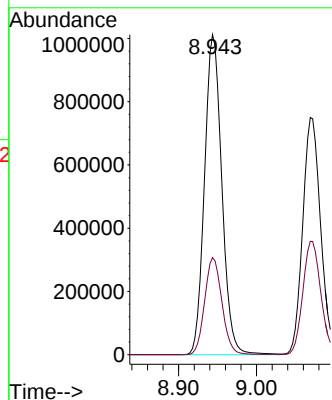
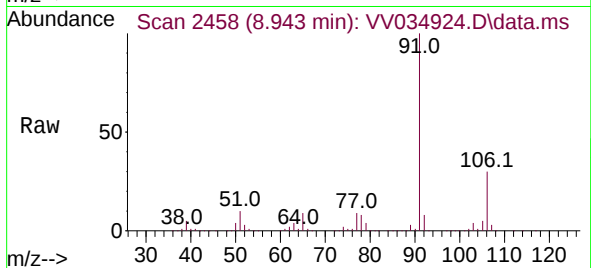
ClientSampleId :

Tgt Ion: 91 Resp: 1563401

Ion Ratio Lower Upper

91 100

106 30.4 21.2 39.4



#53

m,p-Xylene

Concen: 23.097 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.003 min

Lab File: VV034924.D

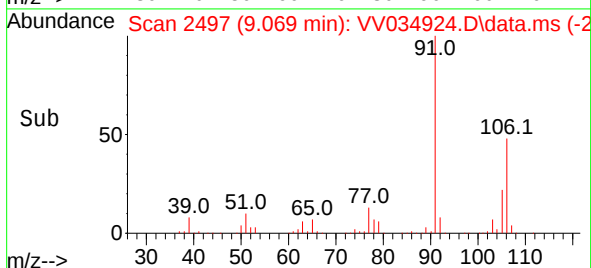
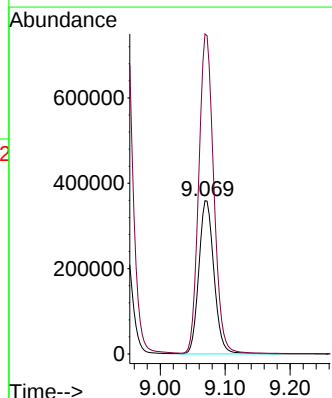
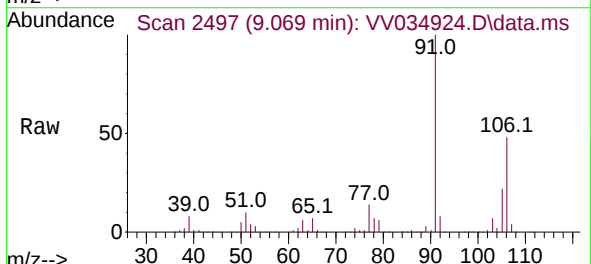
Acq: 02 Apr 2024 10:33

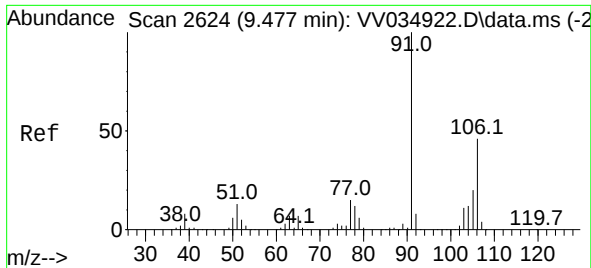
Tgt Ion:106 Resp: 581108

Ion Ratio Lower Upper

106 100

91 208.9 145.7 270.7





#54

o-Xylene

Concen: 23.434 ug/L

RT: 9.477 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

Instrument :

MSVOA_V

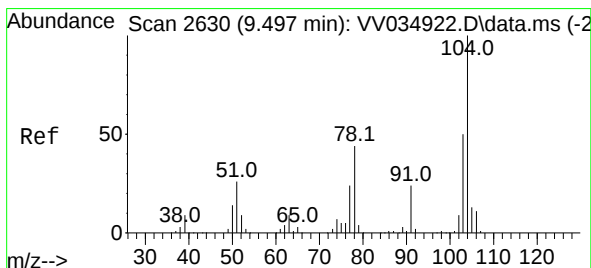
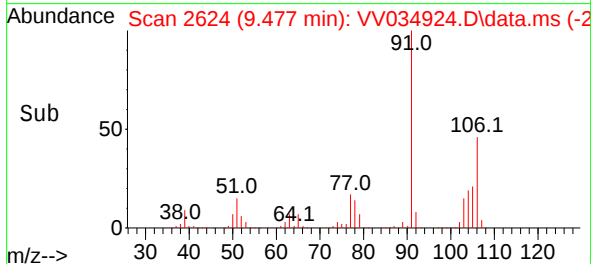
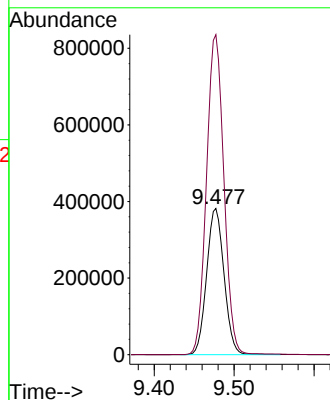
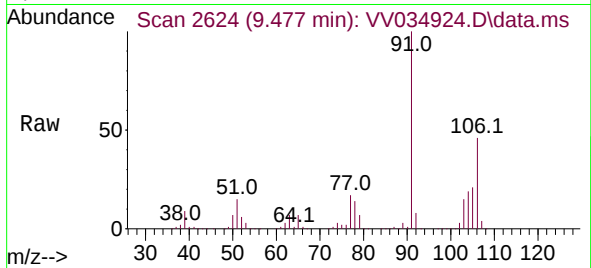
ClientSampleId :

Tgt Ion:106 Resp: 578473

Ion Ratio Lower Upper

106 100

91 218.9 151.2 280.8



#55

Styrene

Concen: 24.399 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. -0.003 min

Lab File: VV034924.D

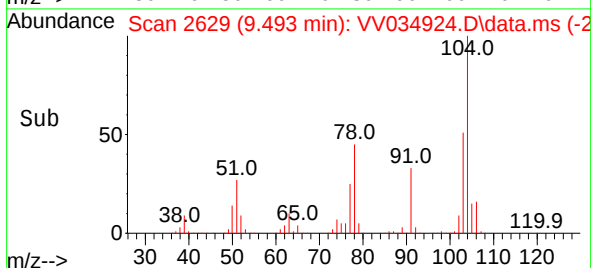
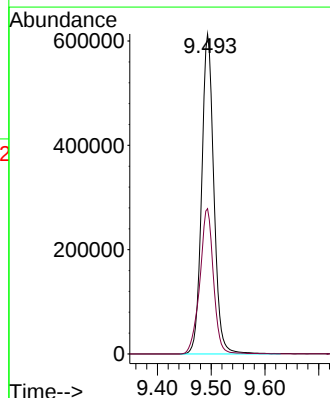
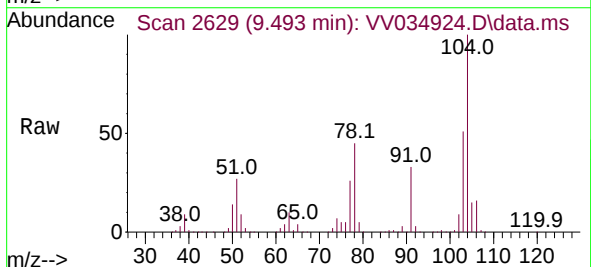
Acq: 02 Apr 2024 10:33

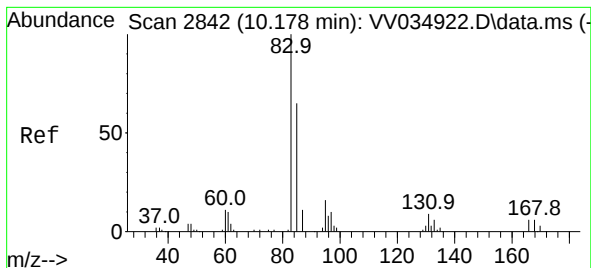
Tgt Ion:104 Resp: 968351

Ion Ratio Lower Upper

104 100

78 45.4 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 21.815 ug/L

RT: 10.175 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

Instrument :

MSVOA_V

ClientSampleId :

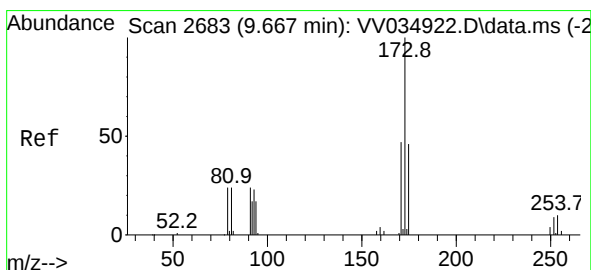
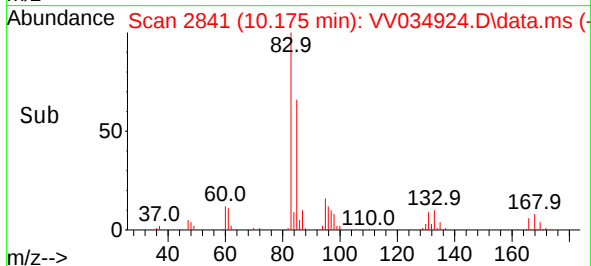
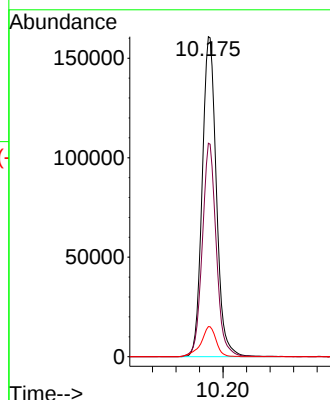
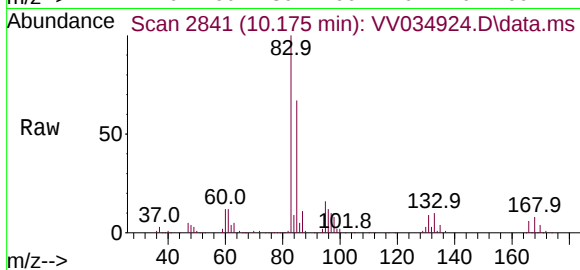
Tgt Ion: 83 Resp: 268079

Ion Ratio Lower Upper

83 100

85 66.7 45.7 84.9

131 9.4 7.6 11.4



#59

Bromoform

Concen: 22.456 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. -0.003 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

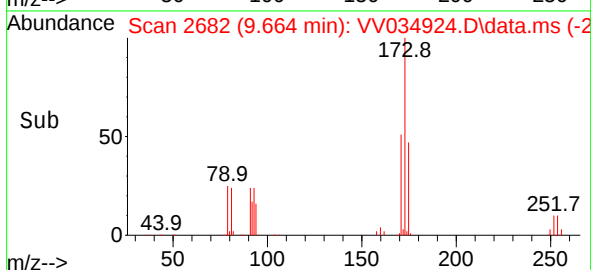
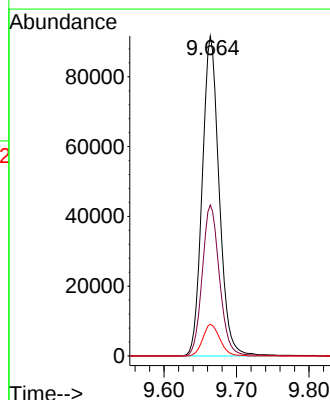
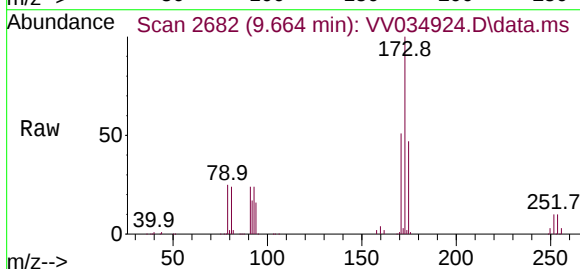
Tgt Ion: 173 Resp: 148911

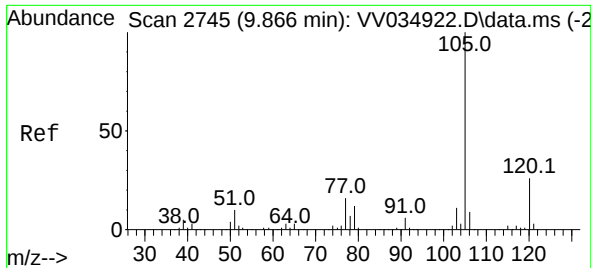
Ion Ratio Lower Upper

173 100

175 48.0 37.8 56.8

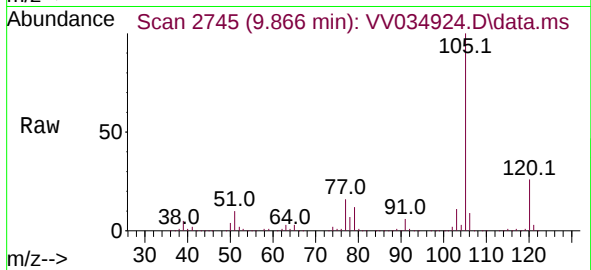
254 10.0 7.8 11.6



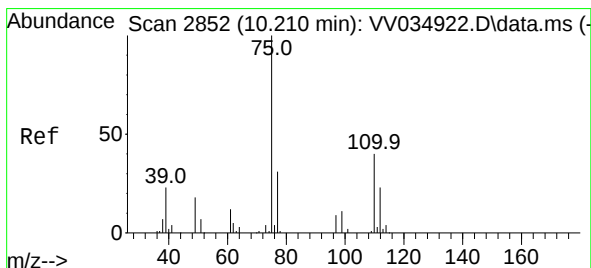
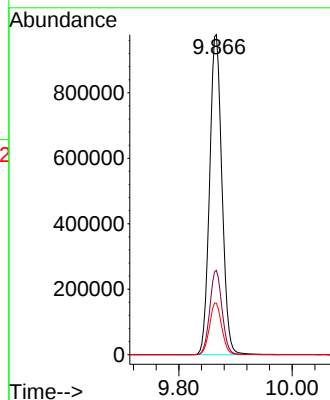
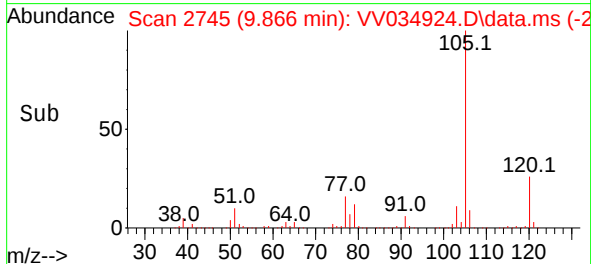


#60
Isopropylbenzene
Concen: 22.128 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034924.D
Acq: 02 Apr 2024 10:33

Instrument :
MSVOA_V
ClientSampleId :

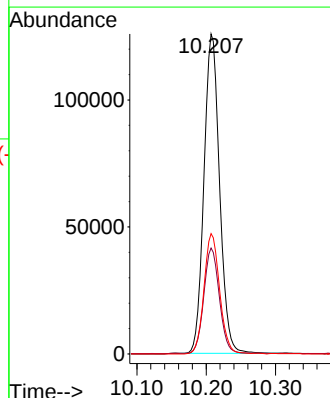
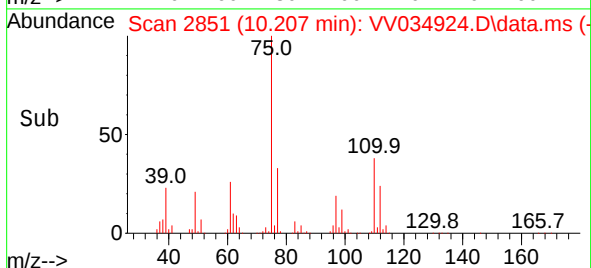
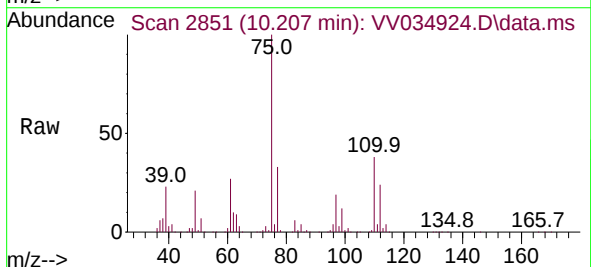


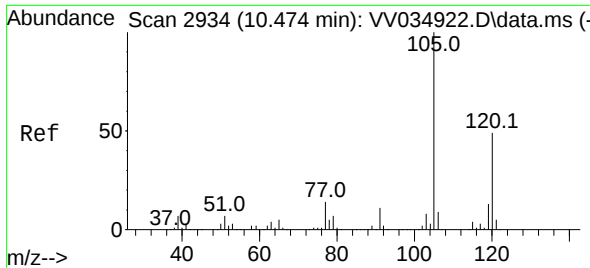
Tgt Ion:105 Resp: 1475532
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.4
77 16.2 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 19.731 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.003 min
Lab File: VV034924.D
Acq: 02 Apr 2024 10:33

Tgt Ion: 75 Resp: 196511
Ion Ratio Lower Upper
75 100
77 32.8 24.8 37.2
110 37.8 31.0 46.6

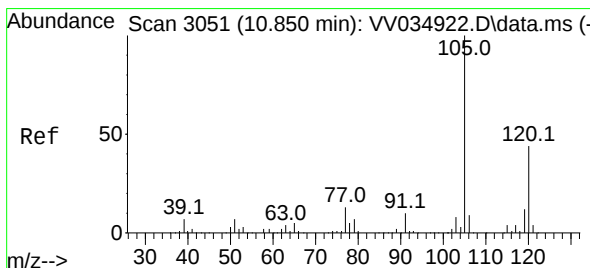
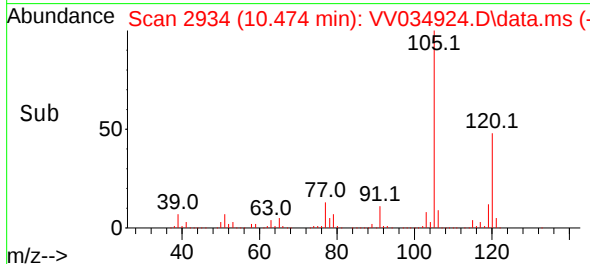
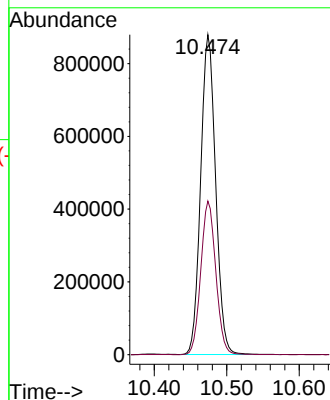
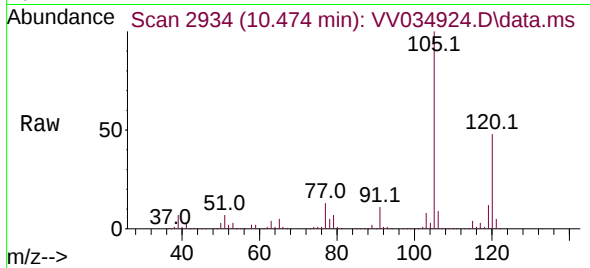




#62
 1,3,5-Trimethylbenzene
 Concen: 22.976 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. -0.000 min
 Lab File: VV034924.D
 Acq: 02 Apr 2024 10:33

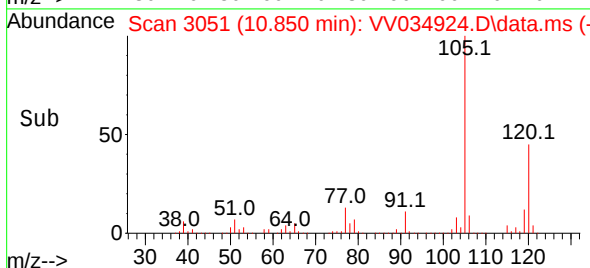
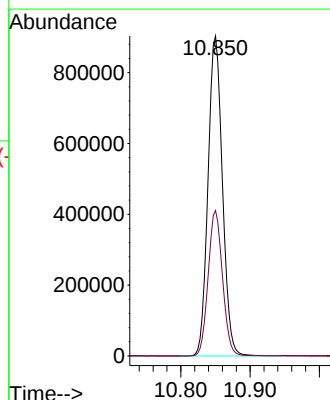
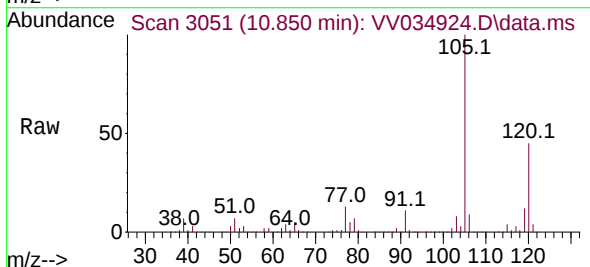
Instrument :
 MSVOA_V
 ClientSampleId :

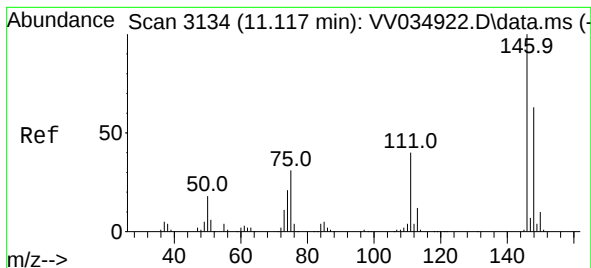
Tgt Ion:105 Resp: 1258508
 Ion Ratio Lower Upper
 105 100
 120 48.1 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 23.373 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. -0.000 min
 Lab File: VV034924.D
 Acq: 02 Apr 2024 10:33

Tgt Ion:105 Resp: 1298870
 Ion Ratio Lower Upper
 105 100
 120 45.3 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 20.853 ug/L

RT: 11.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

Instrument :

MSVOA_V

ClientSampleId :

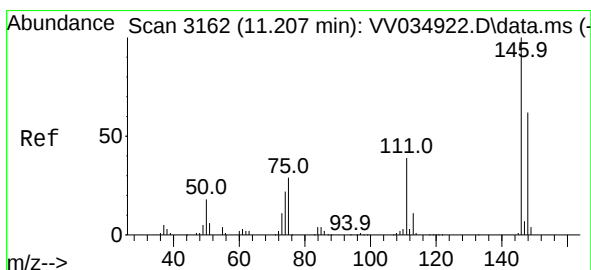
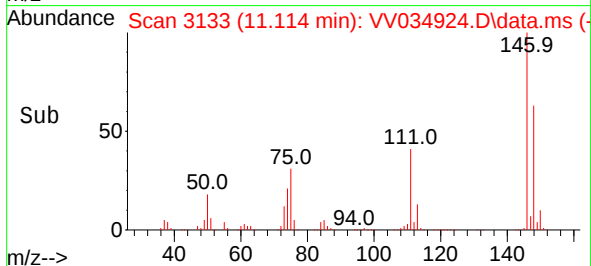
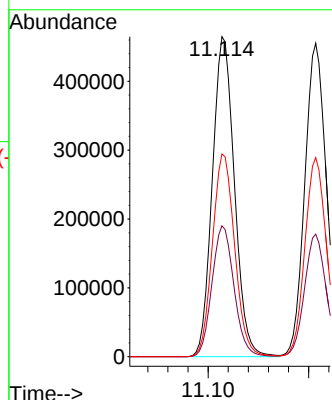
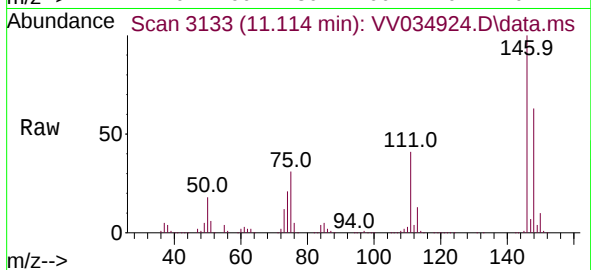
Tgt Ion:146 Resp: 709623

Ion Ratio Lower Upper

146 100

111 40.9 27.7 51.5

148 63.4 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 20.291 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

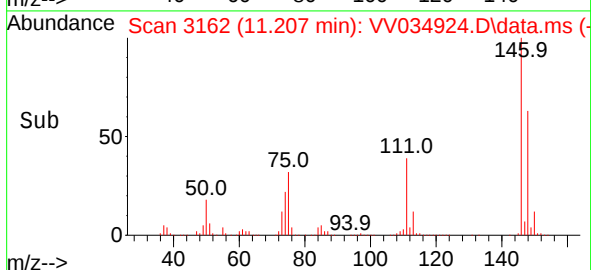
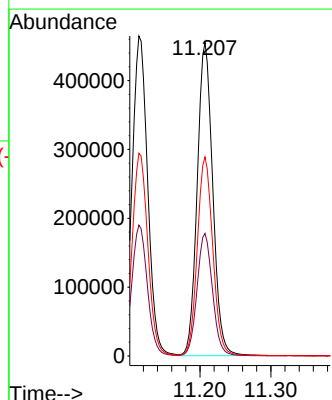
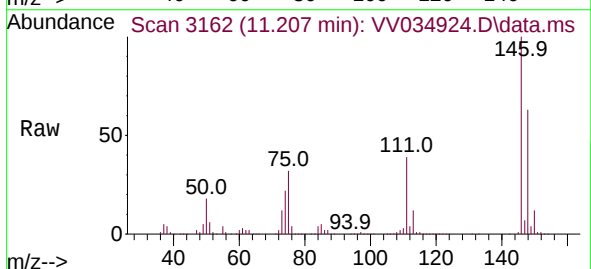
Tgt Ion:146 Resp: 691568

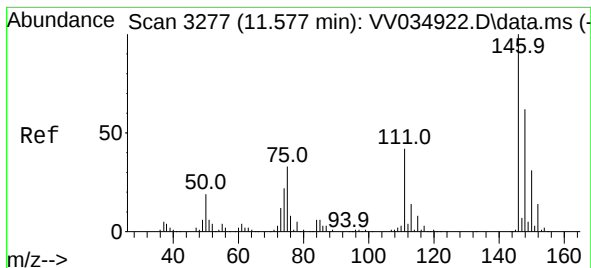
Ion Ratio Lower Upper

146 100

111 39.1 27.3 50.7

148 63.5 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 20.526 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

Instrument :

MSVOA_V

ClientSampleId :

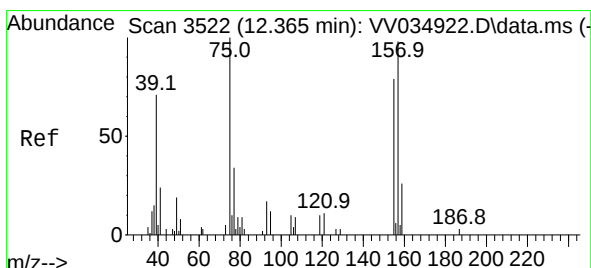
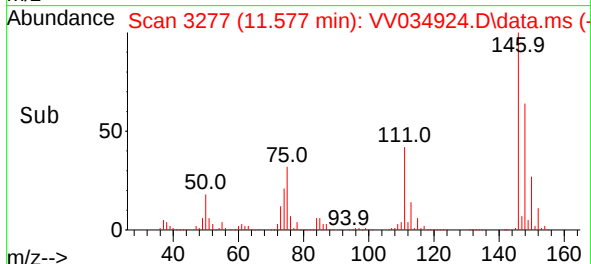
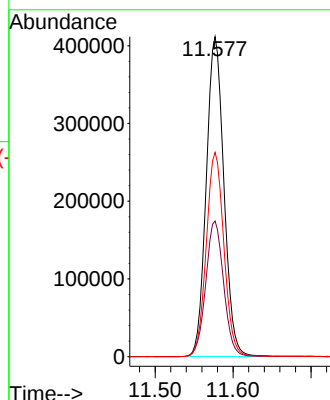
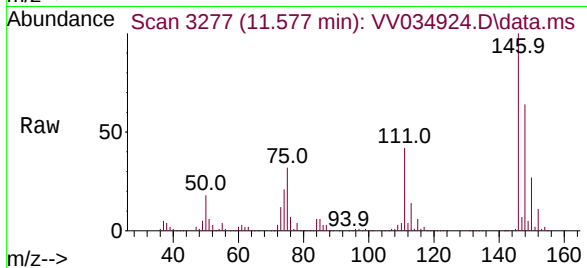
Tgt Ion:146 Resp: 645280

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: 21.620 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

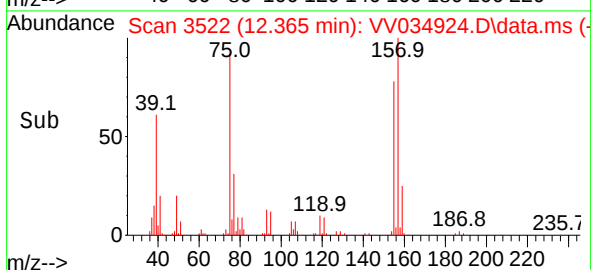
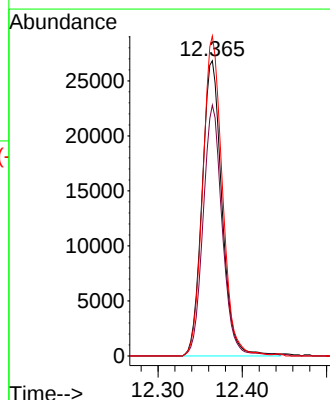
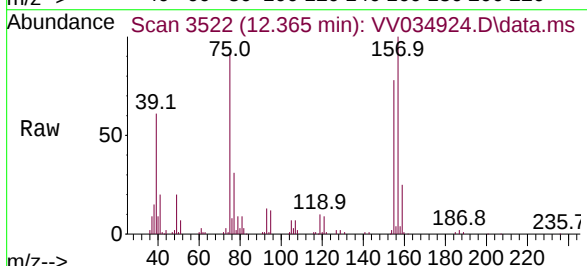
Tgt Ion: 75 Resp: 44262

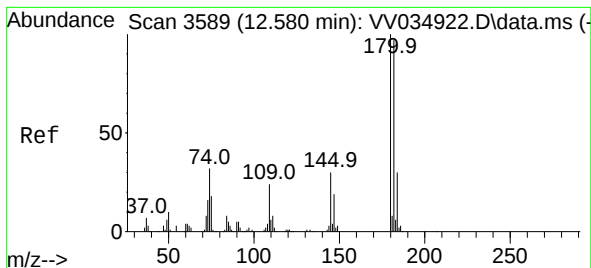
Ion Ratio Lower Upper

75 100

155 84.9 63.4 95.0

157 108.4 78.6 117.8





#69

1,3,5-Trichlorobenzene

Concen: 21.609 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

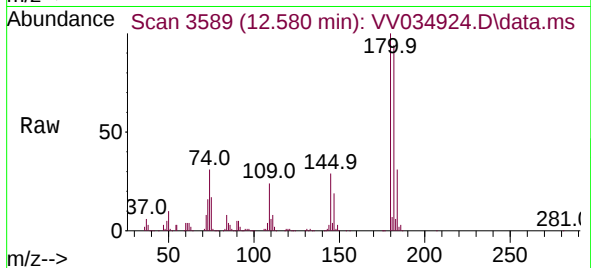
Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 552118

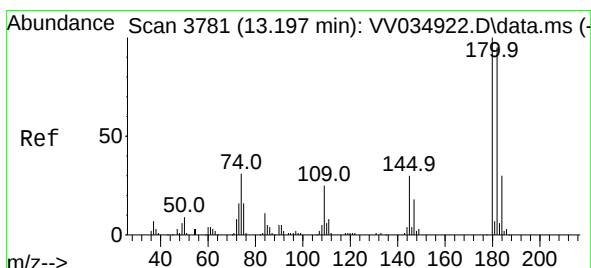
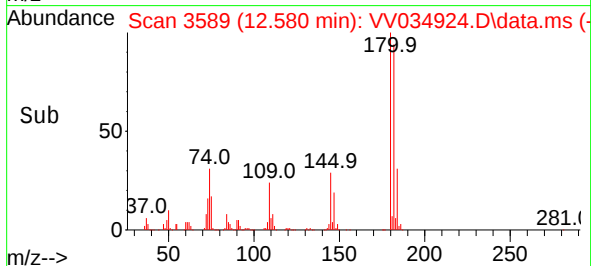
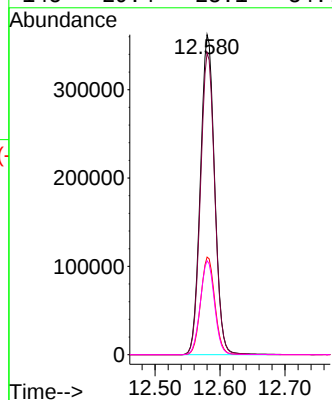
Ion Ratio Lower Upper

180 100

182 94.8 77.3 115.9

184 30.4 24.1 36.1

145 29.4 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 23.552 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.003 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

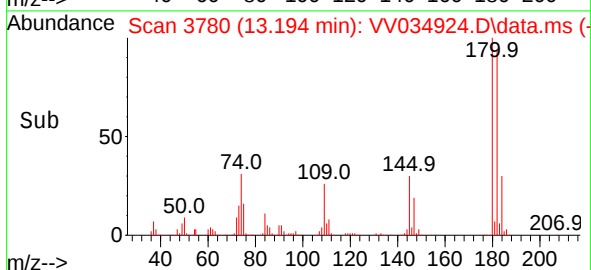
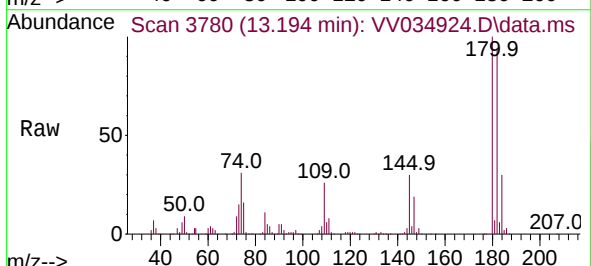
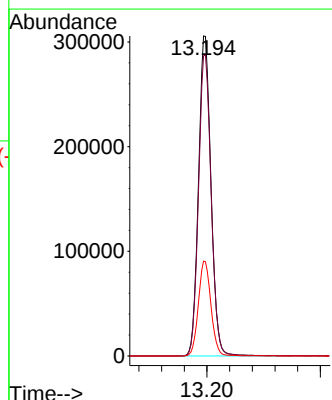
Tgt Ion:180 Resp: 467472

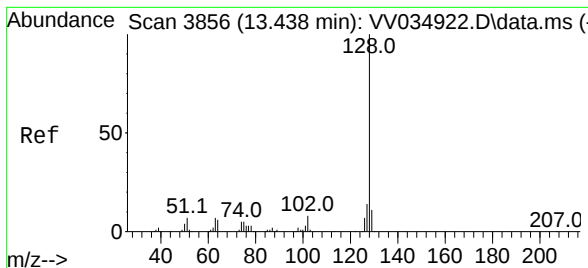
Ion Ratio Lower Upper

180 100

182 95.1 75.3 112.9

145 29.8 23.4 35.0





#71

Naphthalene

Concen: 24.664 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

Instrument :

MSVOA_V

ClientSampleId :

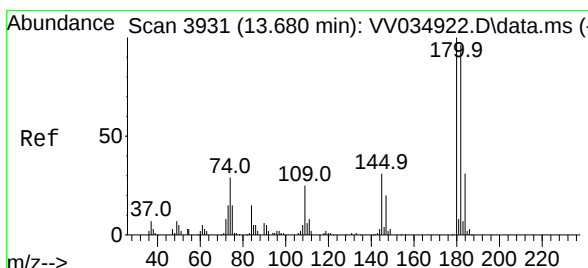
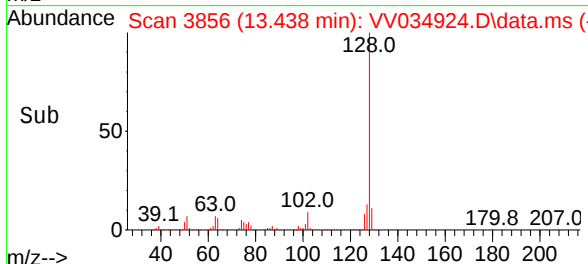
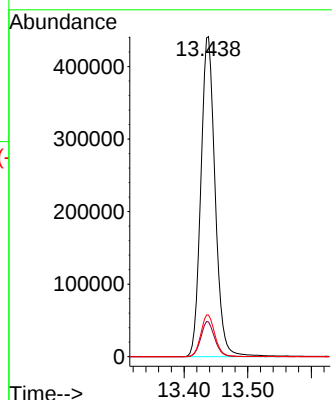
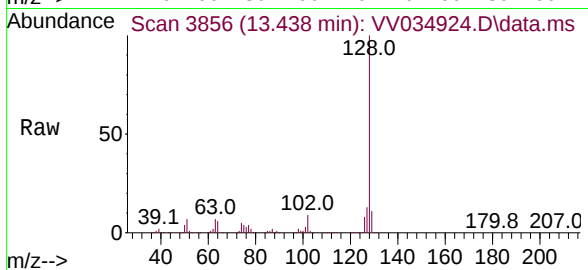
Tgt Ion:128 Resp: 687988

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 12.9 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 23.310 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.003 min

Lab File: VV034924.D

Acq: 02 Apr 2024 10:33

Tgt Ion:180 Resp: 406899

Ion Ratio Lower Upper

180 100

182 94.8 77.0 115.4

145 32.1 25.4 38.2

