

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042524\
 Data File : VV035401.D
 Acq On : 25 Apr 2024 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 26 01:32:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:57:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	422291	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	426226	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	233429	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	177497	43.522	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.040%
7) Chloroethane-d5	1.526	69	121789	34.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.760%#
11) 1,1-Dichloroethene-d2	2.053	65	75265	42.101	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.200%
21) 2-Butanone-d5	3.786	46	222436	91.963	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.960%
24) Chloroform-d	4.243	84	347307	50.651	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.300%
26) 1,2-Dichloroethane-d4	4.934	65	209308	48.079	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.160%
32) Benzene-d6	4.953	84	656596	45.861	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.720%
36) 1,2-Dichloropropane-d6	5.985	67	209690	46.122	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.240%
41) Toluene-d8	7.239	98	595554	46.189	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.380%
43) trans-1,3-Dichloroprop...	7.548	79	98018	44.348	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.700%
47) 2-Hexanone-d5	8.024	63	133893	77.894	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.890%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	316498	50.553	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.100%
66) 1,2-Dichlorobenzene-d4	11.558	152	242852	46.337	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	193010	63.062	ug/L	99
3) Chloromethane	1.214	50	196375	49.908	ug/L	100
5) Vinyl chloride	1.285	62	208930	50.650	ug/L	98
6) Bromomethane	1.487	94	129496	41.881	ug/L	100
8) Chloroethane	1.542	64	114301	40.573	ug/L	99
9) Trichlorofluoromethane	1.706	101	277575	51.270	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	172520	52.062	ug/L	96
12) 1,1-Dichloroethene	2.066	96	154189	48.651	ug/L	88
13) Acetone	2.117	43	263095	118.479	ug/L	100
14) Carbon disulfide	2.236	76	443372	49.677	ug/L	99
15) Methyl Acetate	2.371	43	188962	53.999	ug/L	97
16) Methylene chloride	2.442	84	198807	57.893	ug/L	95
17) trans-1,2-Dichloroethene	2.690	96	169512	55.322	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	577400	53.649	ug/L	99
19) 1,1-Dichloroethane	3.108	63	350926	55.848	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	194226	55.821	ug/L	93
22) 2-Butanone	3.866	43	281951	109.421	ug/L	99
23) Bromochloromethane	4.140	128	106761	61.327	ug/L	87
25) Chloroform	4.268	83	358251	57.667	ug/L	100

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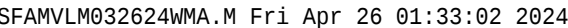
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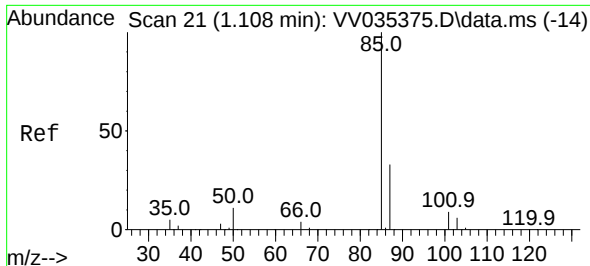
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 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:57:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	271112	54.811	ug/L	96
29) Cyclohexane	4.577	56	254607	47.693	ug/L	96
30) 1,1,1-Trichloroethane	4.506	97	303088	54.553	ug/L	99
31) Carbon tetrachloride	4.728	117	263731	56.005	ug/L	100
33) Benzene	5.005	78	738597	53.142	ug/L	100
34) Trichloroethene	5.828	95	193488	51.584	ug/L	98
35) Methylcyclohexane	6.046	83	294155	51.927	ug/L	98
37) 1,2-Dichloropropane	6.088	63	205011	53.375	ug/L	99
38) Bromodichloromethane	6.426	83	269172	54.315	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	300533	49.669	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	489521	99.822	ug/L	98
42) Toluene	7.310	91	795496	54.670	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	290078	52.183	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	208172	57.502	ug/L	97
46) Tetrachloroethene	7.902	164	153795	58.689	ug/L	97
48) 2-Hexanone	8.072	43	422778	101.365	ug/L	95
49) Dibromochloromethane	8.172	129	210080	58.590	ug/L	99
50) 1,2-Dibromoethane	8.278	107	211251	54.200	ug/L #	98
51) Chlorobenzene	8.808	112	523544	55.515	ug/L	98
52) Ethylbenzene	8.943	91	854892	53.011	ug/L	99
53) m,p-Xylene	9.069	106	324991	54.723	ug/L	97
54) o-Xylene	9.474	106	318179	54.148	ug/L	99
55) Styrene	9.493	104	569433	57.345	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	332587	56.701	ug/L	98
59) Bromoform	9.660	173	160996	60.185	ug/L	99
60) Isopropylbenzene	9.863	105	863656	51.322	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	256900	50.788	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	698545	63.916	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	708000	52.396	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	425473	54.103	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	435269	54.427	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	436412	55.706	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	58785	42.183	ug/L	88
69) 1,3,5-Trichlorobenzene	12.580	180	308713	54.468	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	249030	47.833	ug/L	98
71) Naphthalene	13.435	128	588657	40.754	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	257306	50.139	ug/L	99

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

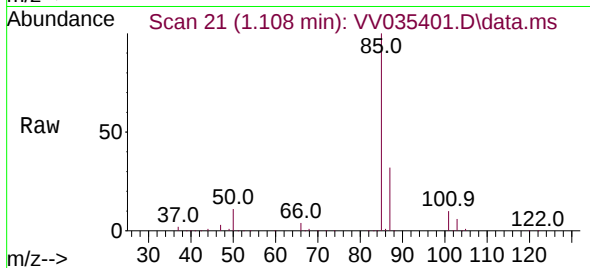
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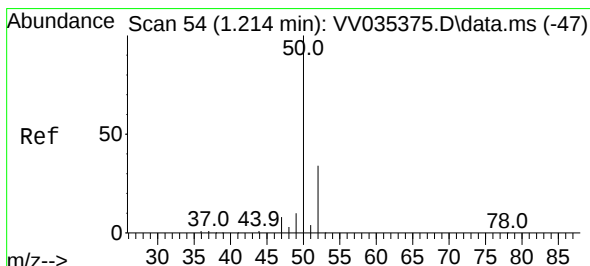
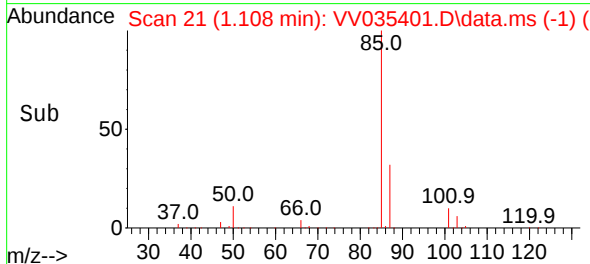
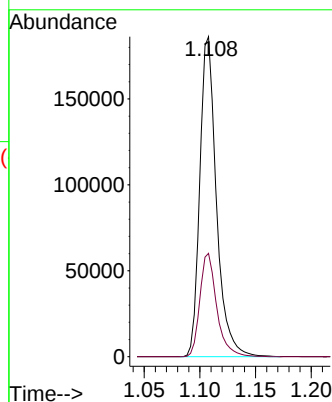


#2
 Dichlorodifluoromethane
 Concen: 63.062 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV035401.D
 Acq: 25 Apr 2024 09:52

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 MSVOA_V
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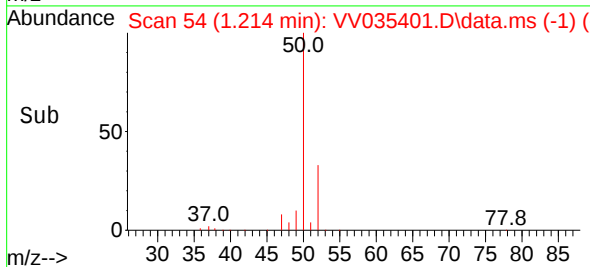
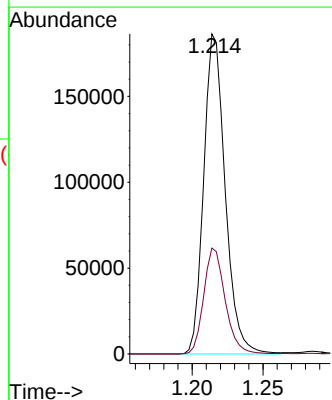
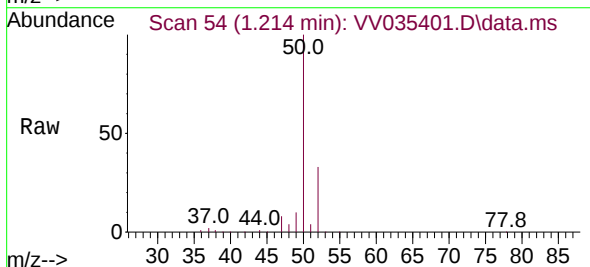


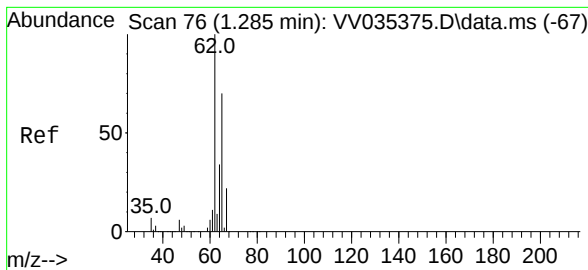
Tgt Ion: 85 Resp: 193010
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.7 38.5



#3
 Chloromethane
 Concen: 49.908 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035401.D
 Acq: 25 Apr 2024 09:52

Tgt Ion: 50 Resp: 196375
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.0 42.8





#5

Vinyl chloride

Concen: 50.650 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

Instrument :

MSVOA_V

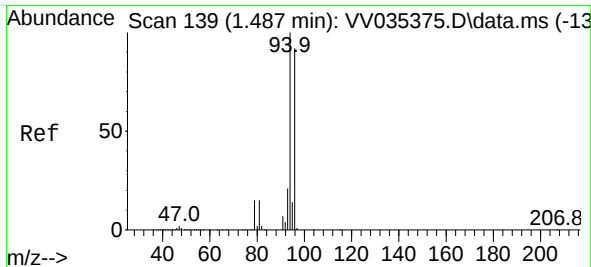
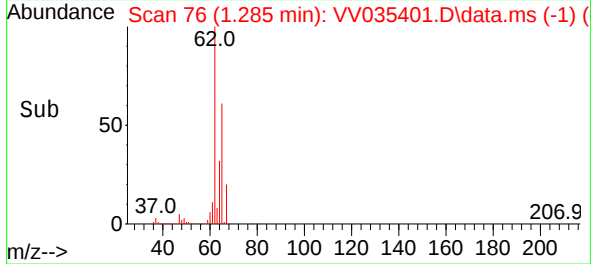
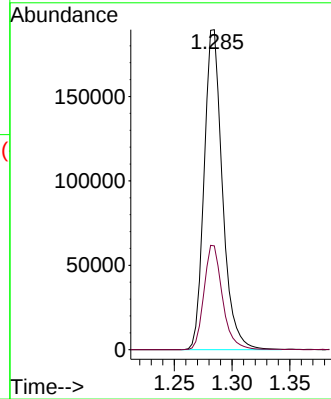
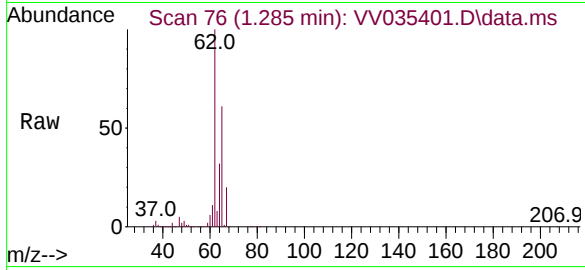
ClientSampleId :

Tgt Ion: 62 Resp: 208930

Ion Ratio Lower Upper

62 100

64 32.5 23.6 43.8



#6

Bromomethane

Concen: 41.881 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV035401.D

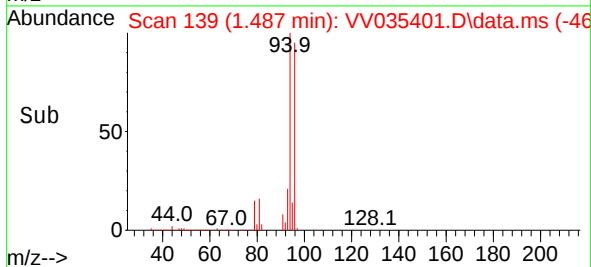
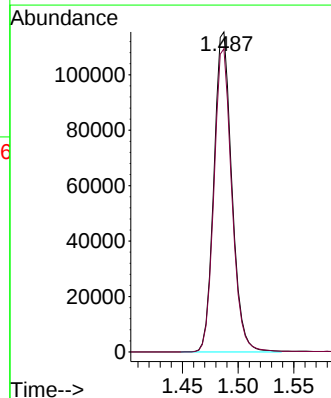
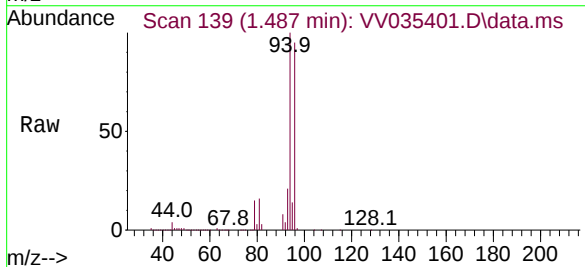
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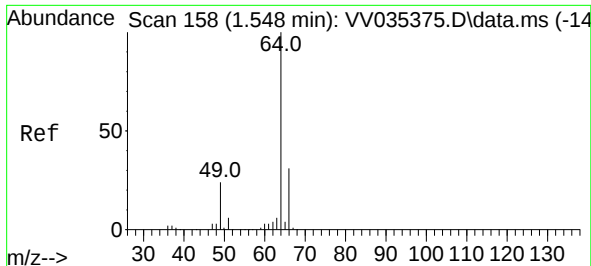
Tgt Ion: 94 Resp: 129496

Ion Ratio Lower Upper

94 100

96 94.7 66.3 123.1

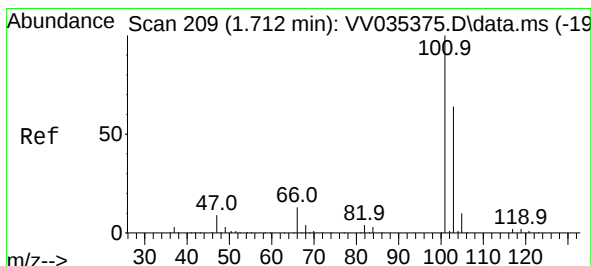
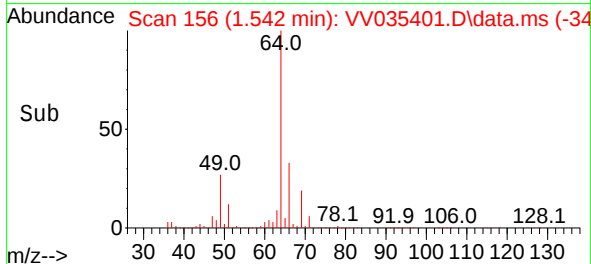
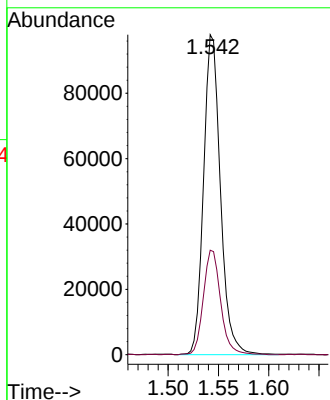
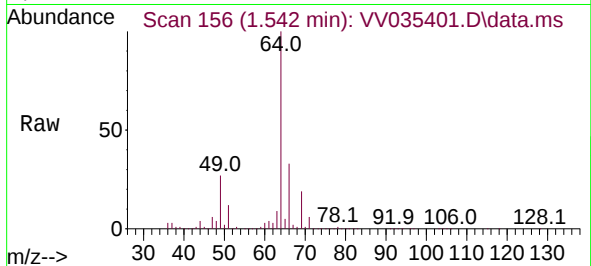




#8
Chloroethane
Concen: 40.573 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV035401.D
Acq: 25 Apr 2024 09:52

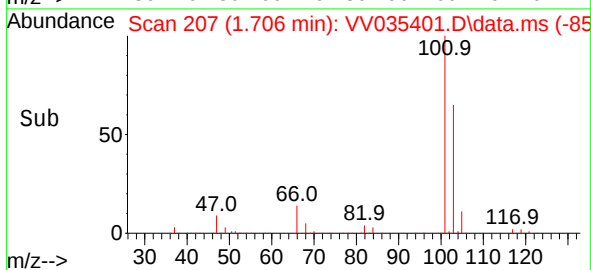
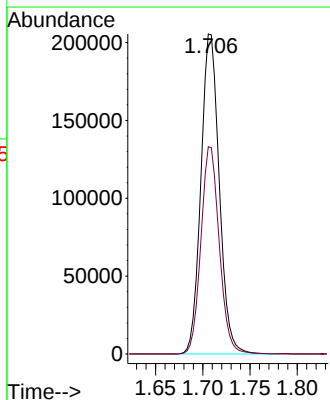
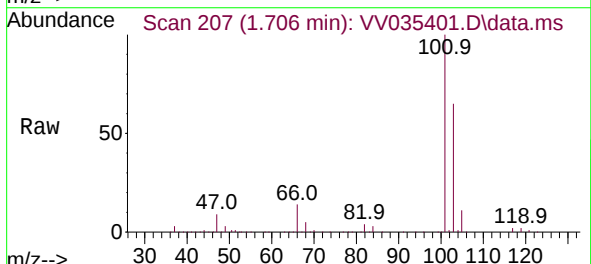
Instrument :
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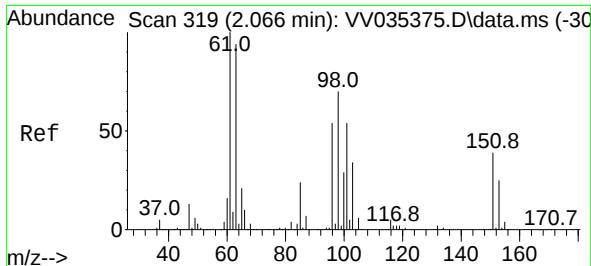
Tgt Ion: 64 Resp: 114301
Ion Ratio Lower Upper
64 100
66 32.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 51.270 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.006 min
Lab File: VV035401.D
Acq: 25 Apr 2024 09:52

Tgt Ion:101 Resp: 277575
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4





#10

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

Concen: 52.062 ug/L

RT: 2.063 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :

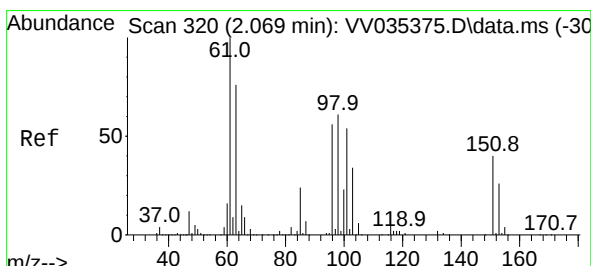
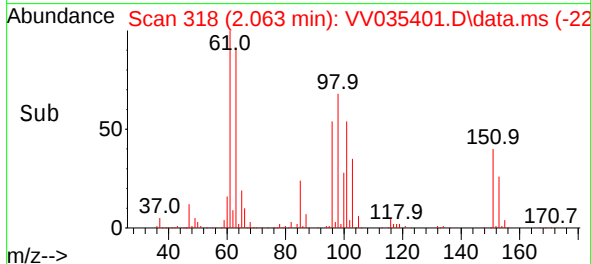
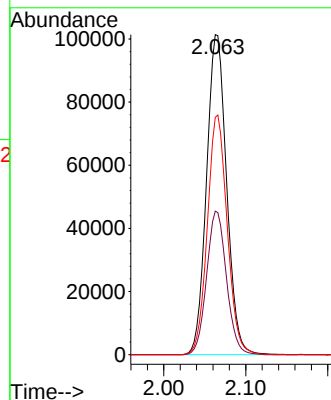
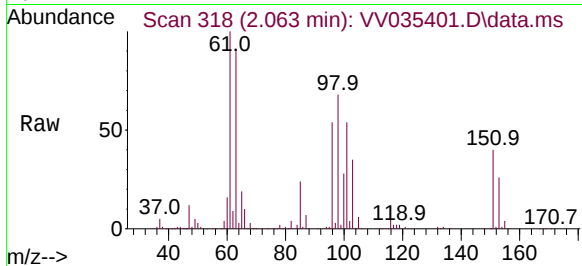
Tgt Ion:101 Resp: 172520

Ion Ratio Lower Upper

101 100

85 44.3 35.3 52.9

151 74.0 55.0 82.4



#12

1,1-Dichloroethene

Concen: 48.651 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

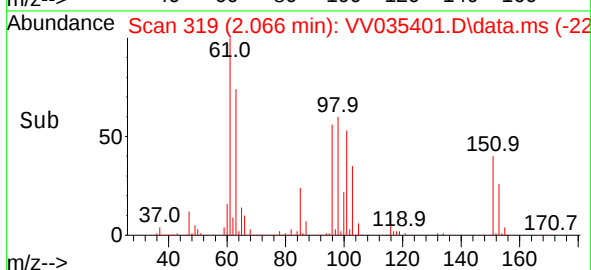
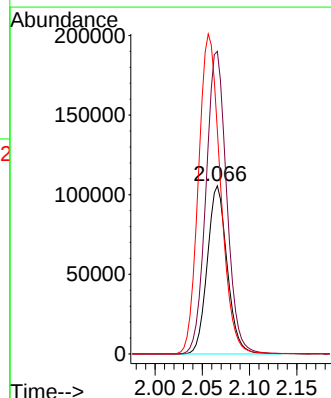
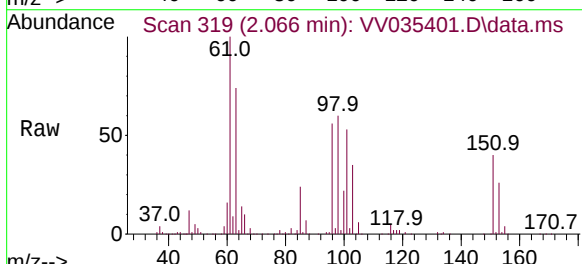
Tgt Ion: 96 Resp: 154189

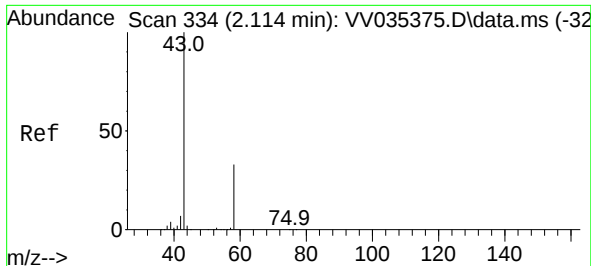
Ion Ratio Lower Upper

96 100

61 180.0 131.5 244.3

63 133.0 111.4 206.8





#13

Acetone

Concen: 118.479 ug/L

RT: 2.117 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

Instrument :

MSVOA_V

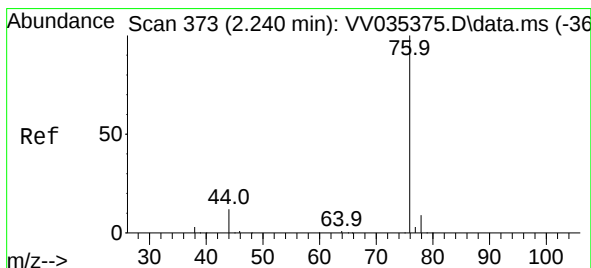
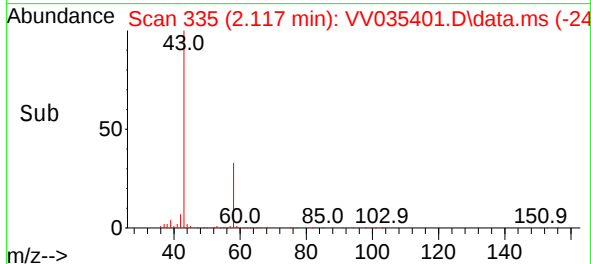
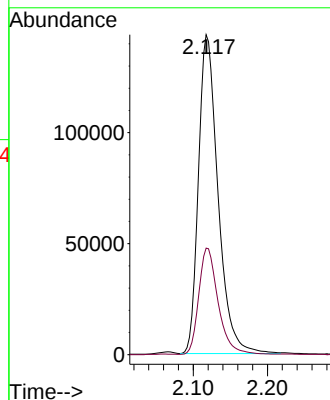
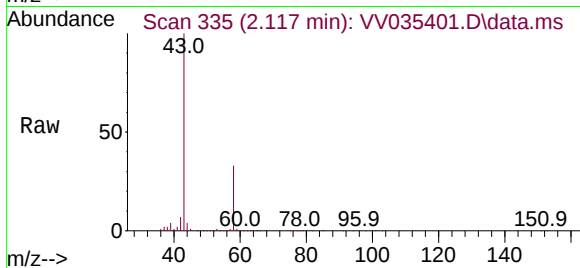
ClientSampleId :

Tgt Ion: 43 Resp: 263095

Ion Ratio Lower Upper

43 100

58 33.1 0.0 66.0



#14

Carbon disulfide

Concen: 49.677 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV035401.D

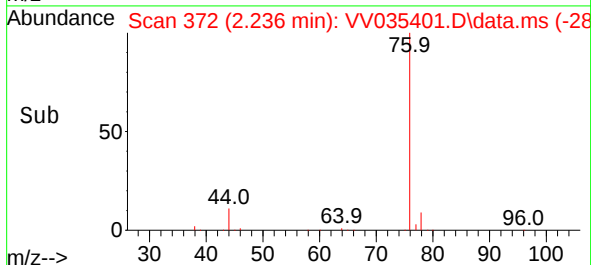
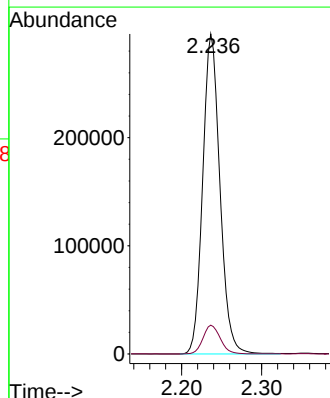
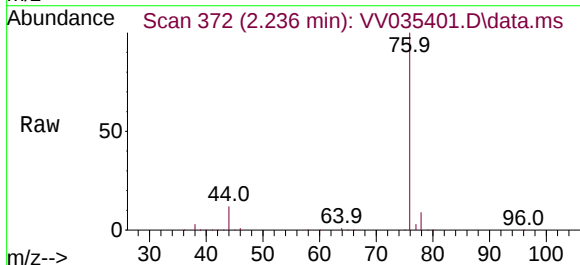
Acq: 25 Apr 2024 09:52

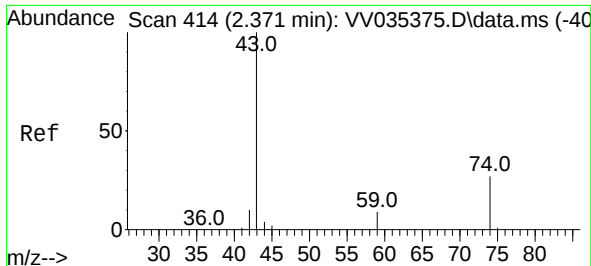
Tgt Ion: 76 Resp: 443372

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#15

Methyl Acetate

Concen: 53.999 ug/L

RT: 2.371 min Scan# 414

Delta R.T. 0.000 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

Instrument :

MSVOA_V

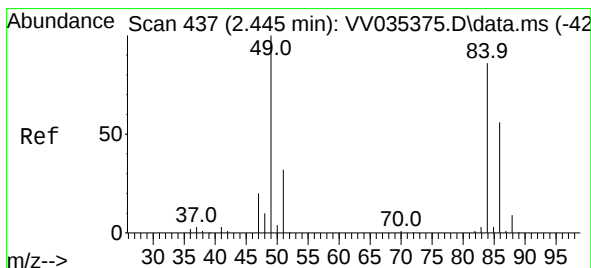
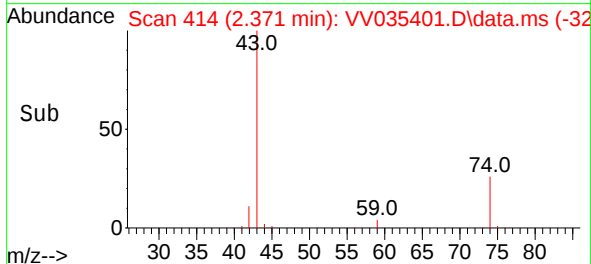
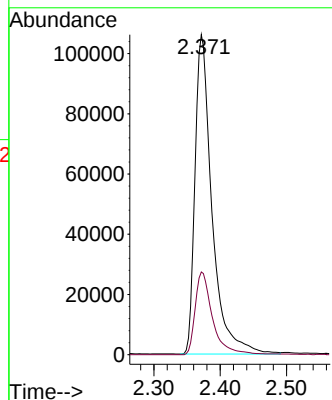
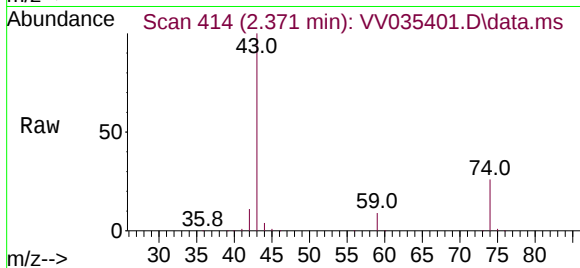
ClientSampleId :

Tgt Ion: 43 Resp: 188962

Ion Ratio Lower Upper

43 100

74 26.4 19.8 29.8



#16

Methylene chloride

Concen: 57.893 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.003 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

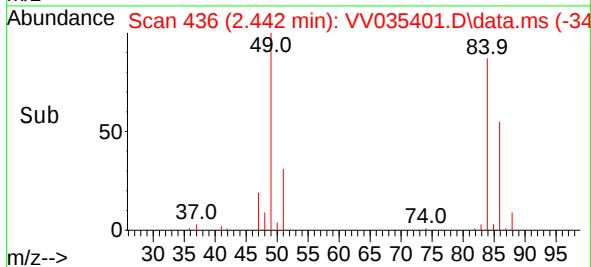
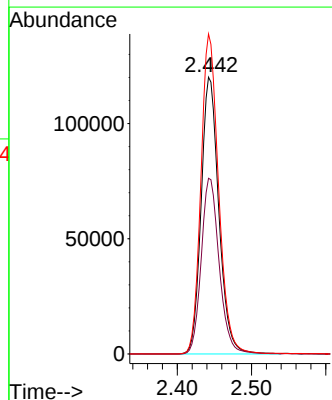
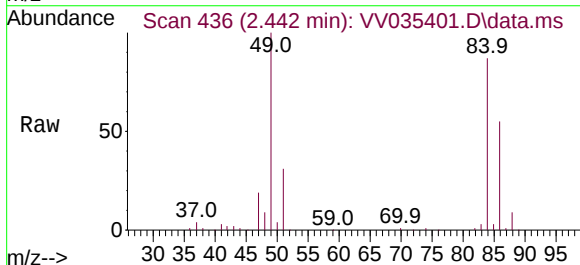
Tgt Ion: 84 Resp: 198807

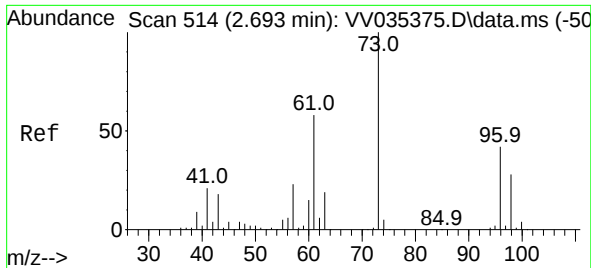
Ion Ratio Lower Upper

84 100

86 63.4 44.6 82.8

49 115.6 86.9 161.3

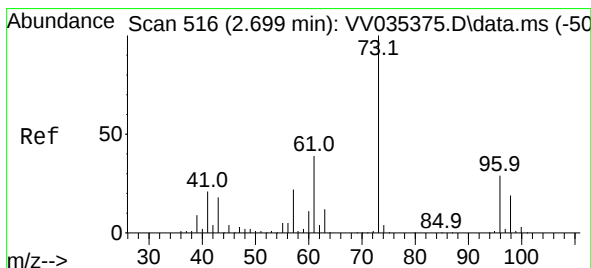
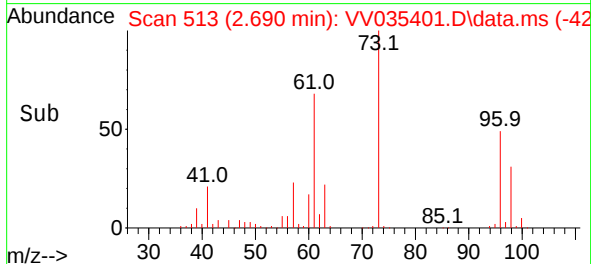
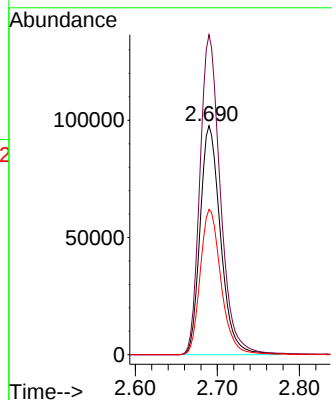
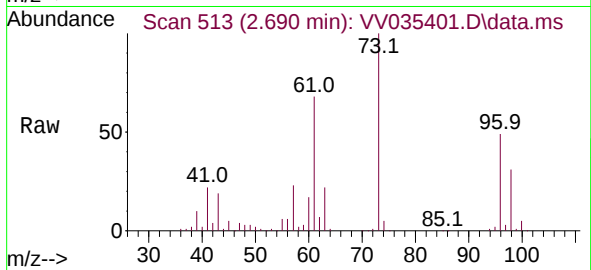




#17
trans-1,2-Dichloroethene
Concen: 55.322 ug/L
RT: 2.690 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV035401.D
Acq: 25 Apr 2024 09:52

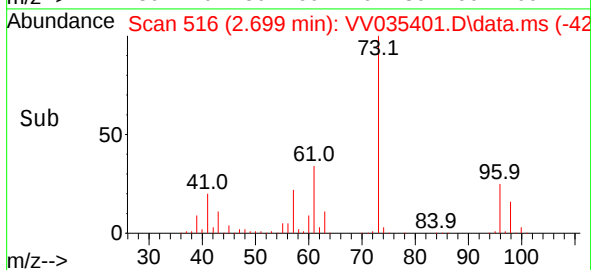
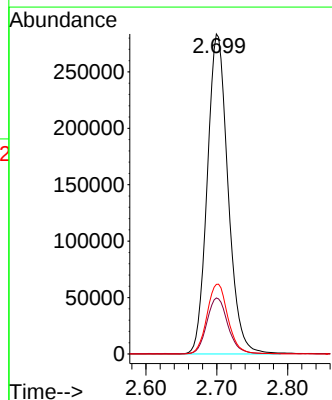
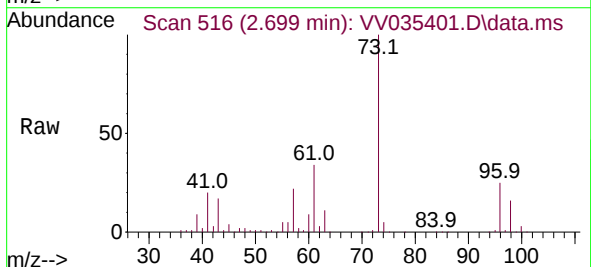
Instrument :
MSVOA_V
ClientSampleId :

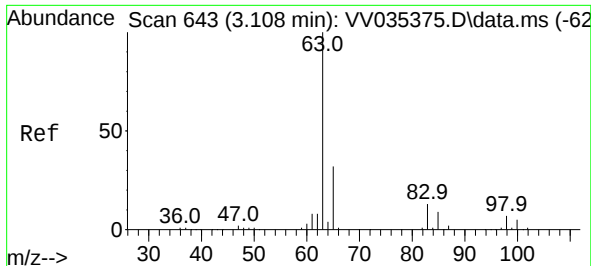
Tgt Ion: 96 Resp: 169512
Ion Ratio Lower Upper
96 100
61 139.8 99.0 183.8
98 63.5 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 53.649 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV035401.D
Acq: 25 Apr 2024 09:52

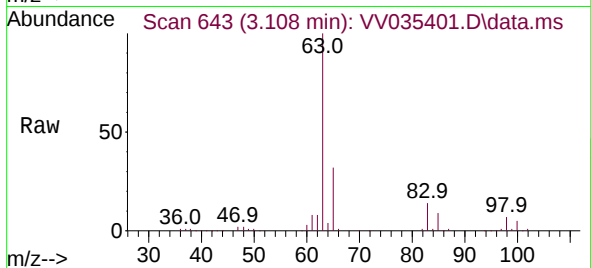
Tgt Ion: 73 Resp: 577400
Ion Ratio Lower Upper
73 100
43 17.6 14.6 21.8
57 22.2 17.6 26.4



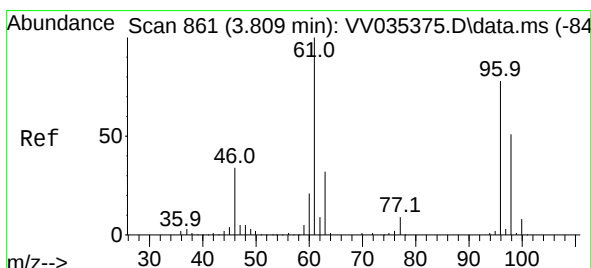
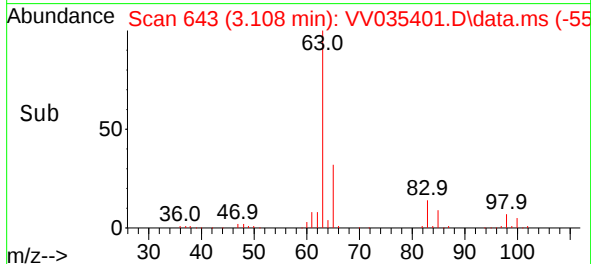
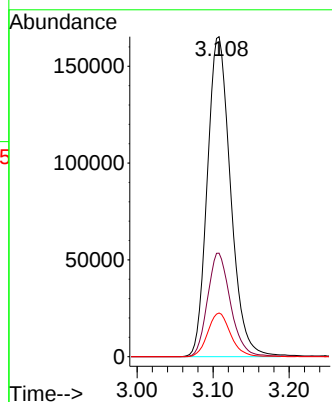


#19
1,1-Dichloroethane
Concen: 55.848 ug/L
RT: 3.108 min Scan# 643
Delta R.T. -0.000 min
Lab File: VV035401.D
Acq: 25 Apr 2024 09:52

Instrument :
MSVOA_V
ClientSampleId :

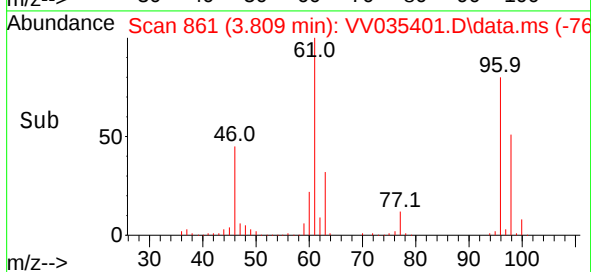
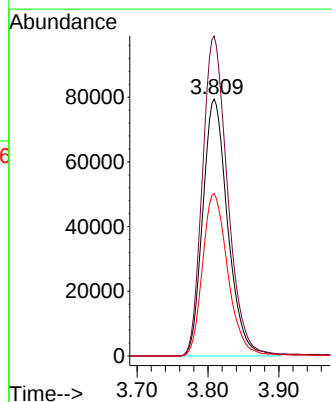
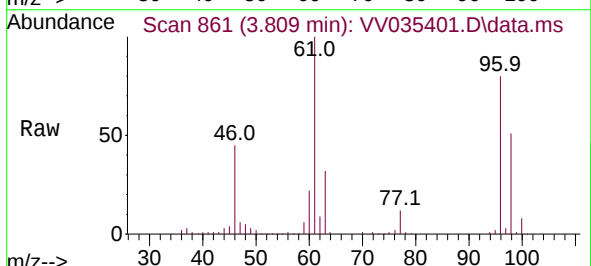


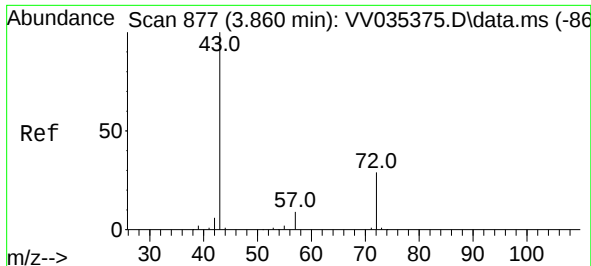
Tgt Ion: 63 Resp: 350926
Ion Ratio Lower Upper
63 100
65 32.4 23.0 42.6
83 13.6 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 55.821 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV035401.D
Acq: 25 Apr 2024 09:52

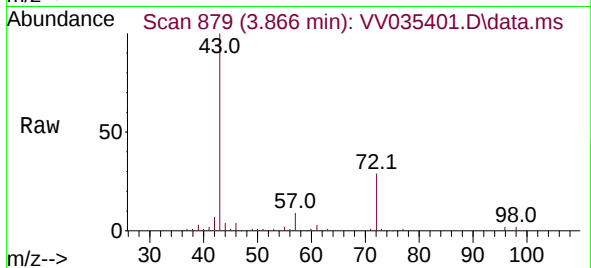
Tgt Ion: 96 Resp: 194226
Ion Ratio Lower Upper
96 100
61 124.5 94.9 176.3
98 63.2 45.6 84.8



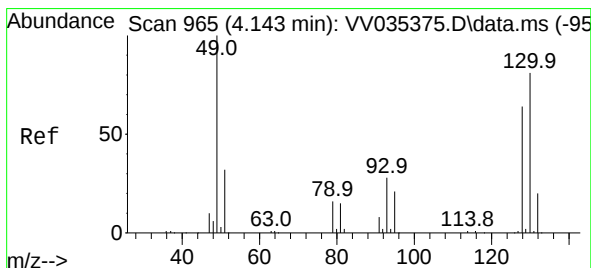
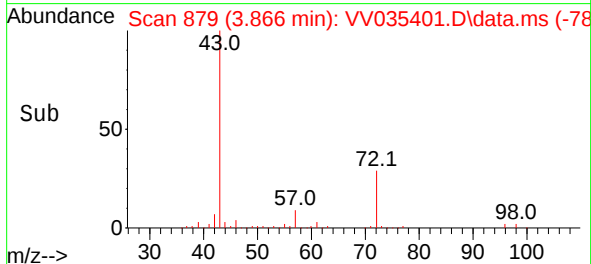
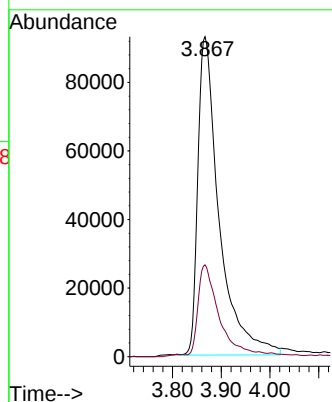


#22
2-Butanone
Concen: 109.421 ug/L
RT: 3.866 min Scan# 81
Delta R.T. 0.006 min
Lab File: VV035401.D
Acq: 25 Apr 2024 09:52

Instrument :
MSVOA_V
ClientSampleId :

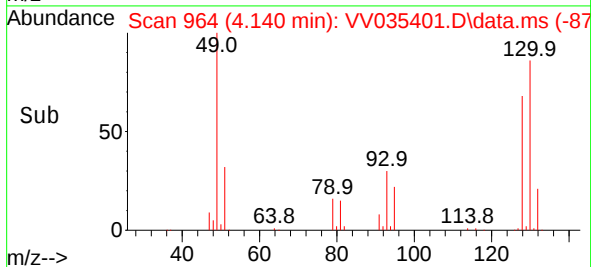
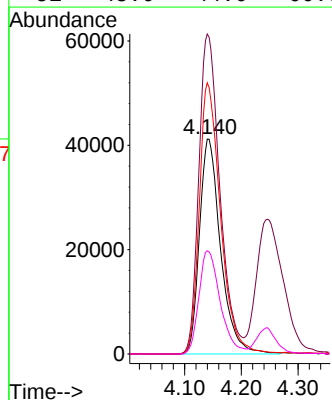
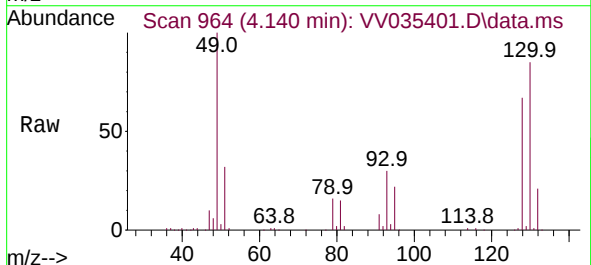


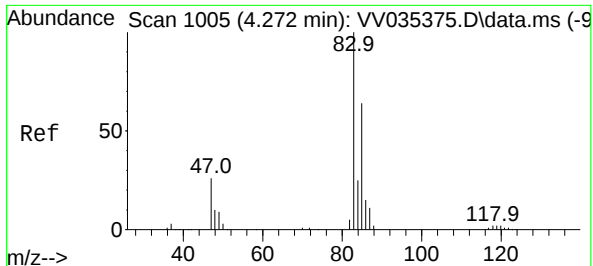
Tgt Ion: 43 Resp: 281951
Ion Ratio Lower Upper
43 100
72 26.8 13.2 39.6



#23
Bromochloromethane
Concen: 61.327 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV035401.D
Acq: 25 Apr 2024 09:52

Tgt Ion:128 Resp: 106761
Ion Ratio Lower Upper
128 100
49 148.9 123.8 229.8
130 126.2 93.2 173.0
51 48.0 44.0 66.0





#25

Chloroform

Concen: 57.667 ug/L

RT: 4.268 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

Instrument :

MSVOA_V

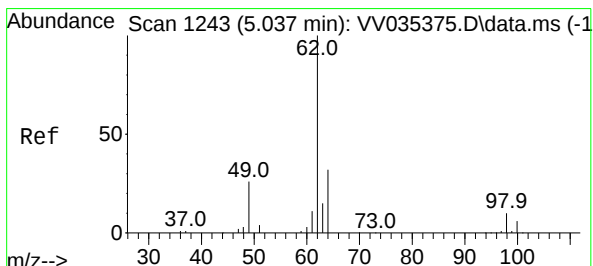
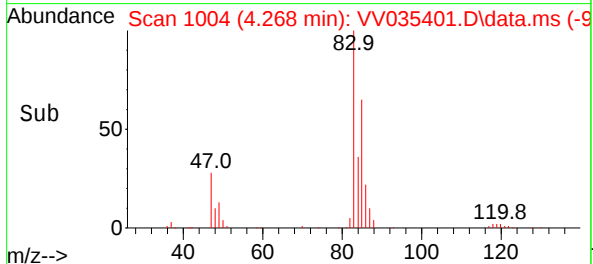
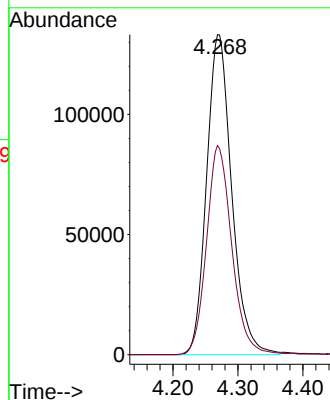
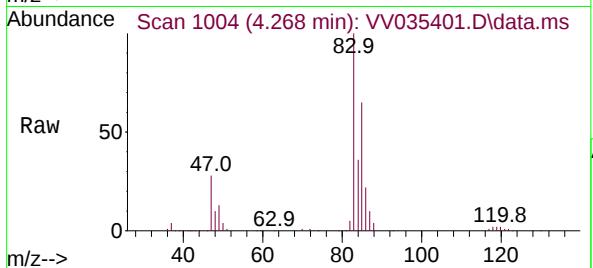
ClientSampleId :

Tgt Ion: 83 Resp: 358251

Ion Ratio Lower Upper

83 100

85 65.3 46.0 85.4



#27

1,2-Dichloroethane

Concen: 54.811 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV035401.D

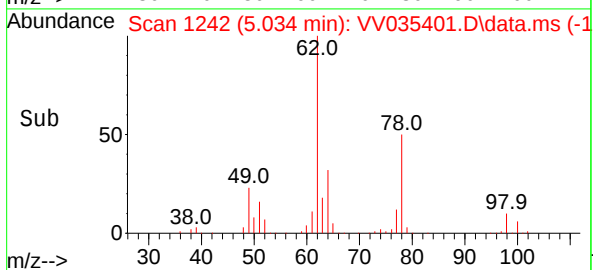
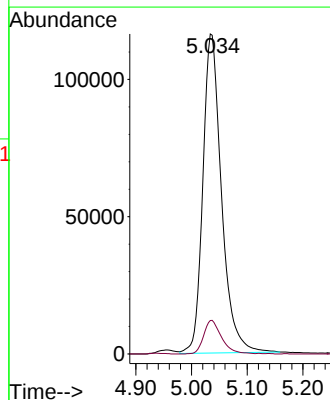
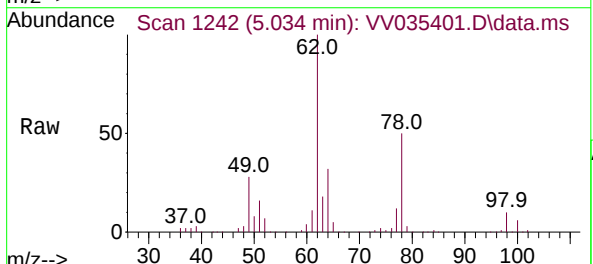
Acq: 25 Apr 2024 09:52

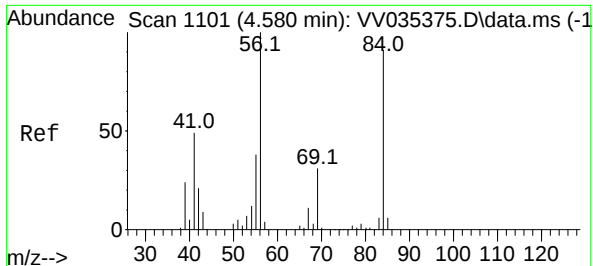
Tgt Ion: 62 Resp: 271112

Ion Ratio Lower Upper

62 100

98 10.5 7.2 10.8





#29

Cyclohexane

Concen: 47.693 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :

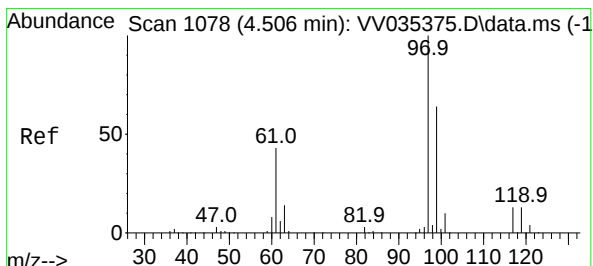
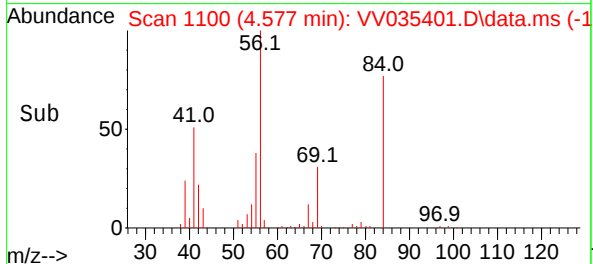
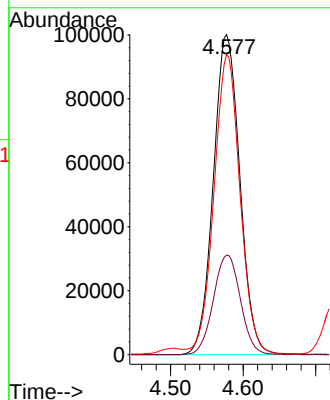
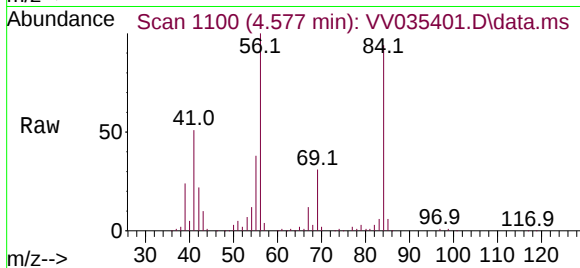
Tgt Ion: 56 Resp: 254607

Ion Ratio Lower Upper

56 100

69 31.8 24.2 36.2

84 91.7 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 54.553 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

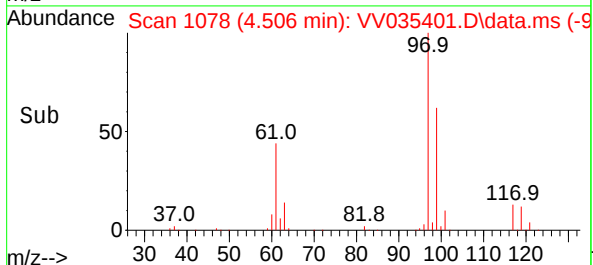
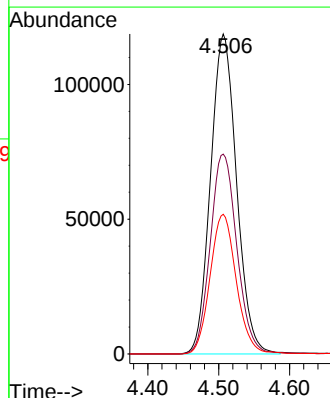
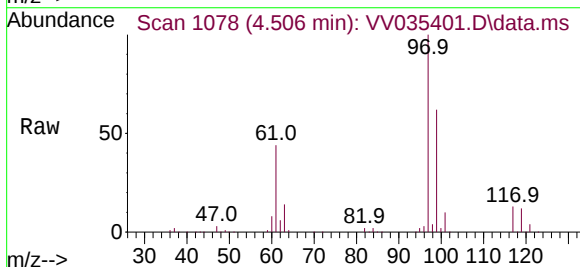
Tgt Ion: 97 Resp: 303088

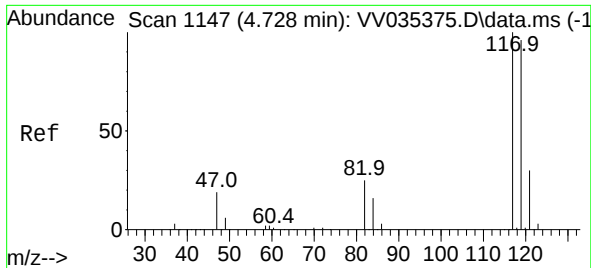
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

61 44.1 36.8 55.2

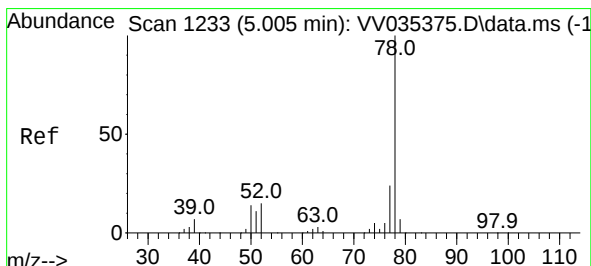
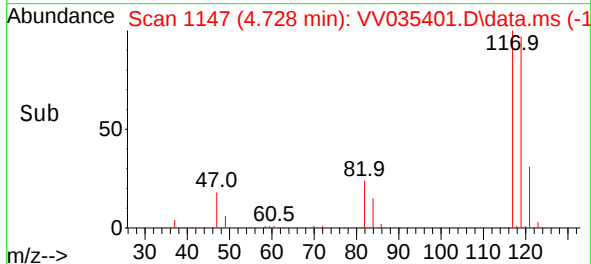
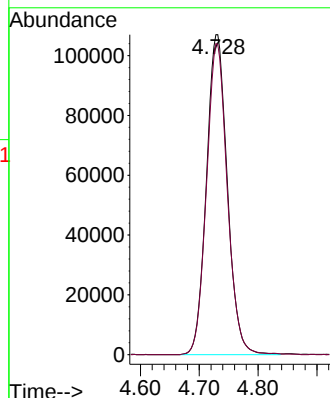
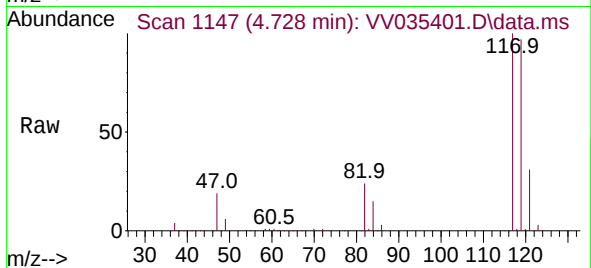




#31
Carbon tetrachloride
Concen: 56.005 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. -0.000 min
Lab File: VV035401.D
Acq: 25 Apr 2024 09:52

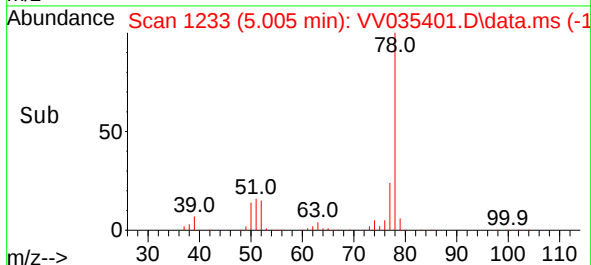
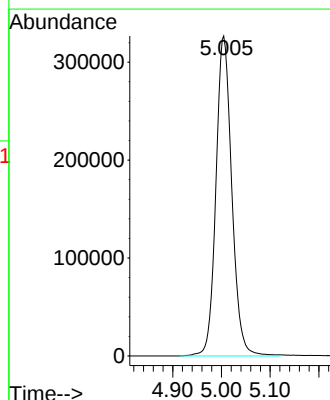
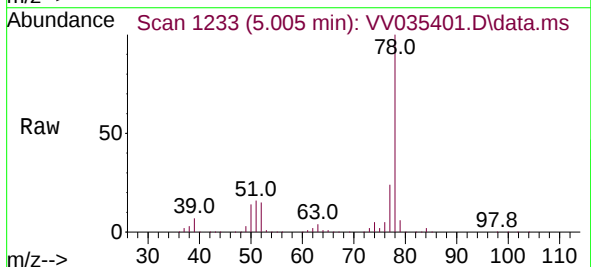
Instrument :
MSVOA_V
ClientSampleId :

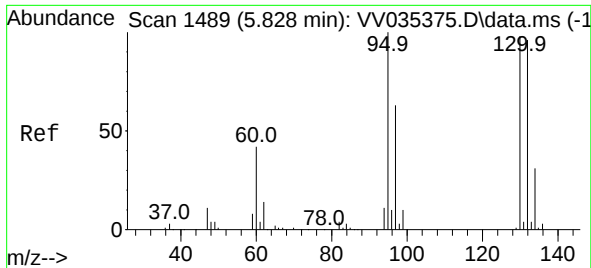
Tgt Ion:117 Resp: 263731
Ion Ratio Lower Upper
117 100
119 96.7 77.1 115.7



#33
Benzene
Concen: 53.142 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VV035401.D
Acq: 25 Apr 2024 09:52

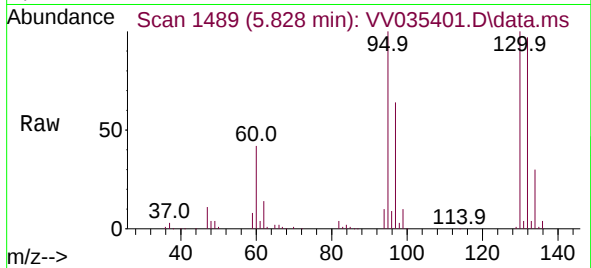
Tgt Ion: 78 Resp: 738597



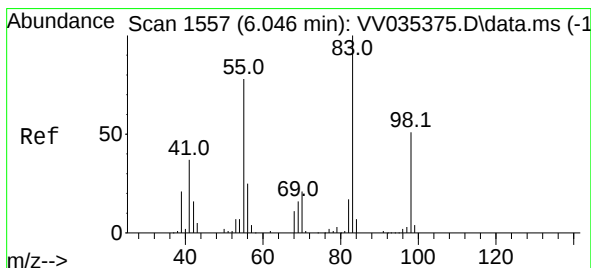
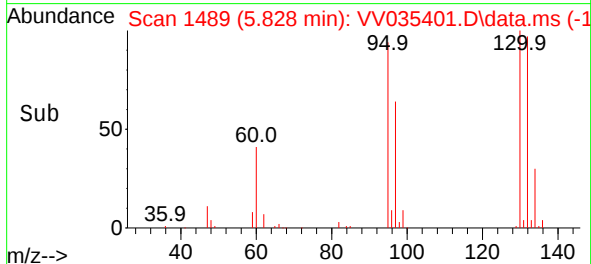
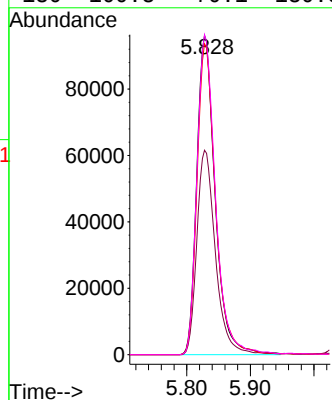


#34
Trichloroethene
Concen: 51.584 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV035401.D
Acq: 25 Apr 2024 09:52

Instrument :
MSVOA_V
ClientSampleId :

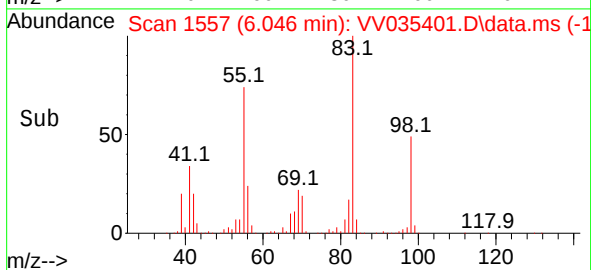
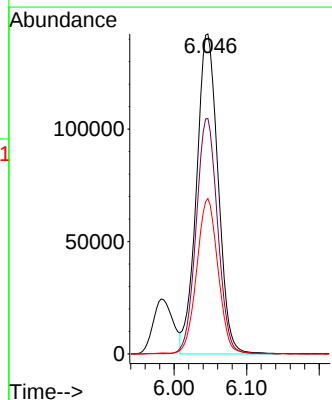
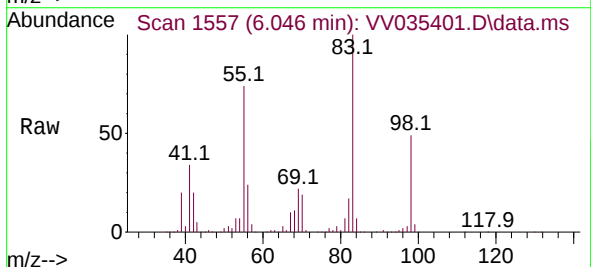


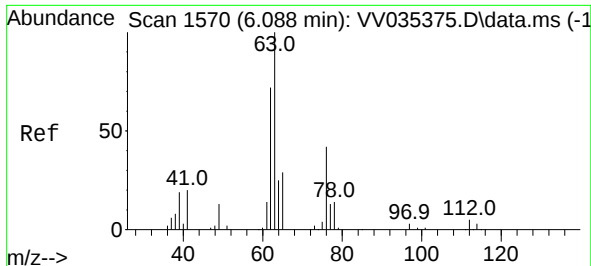
Tgt Ion: 95 Resp: 193488
Ion Ratio Lower Upper
95 100
97 64.1 45.3 84.1
132 97.4 65.3 121.3
130 100.3 70.1 130.3



#35
Methylcyclohexane
Concen: 51.927 ug/L
RT: 6.046 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV035401.D
Acq: 25 Apr 2024 09:52

Tgt Ion: 83 Resp: 294155
Ion Ratio Lower Upper
83 100
55 72.8 60.0 90.0
98 48.1 37.6 56.4





#37

1,2-Dichloropropane

Concen: 53.375 ug/L

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

Instrument :

MSVOA_V

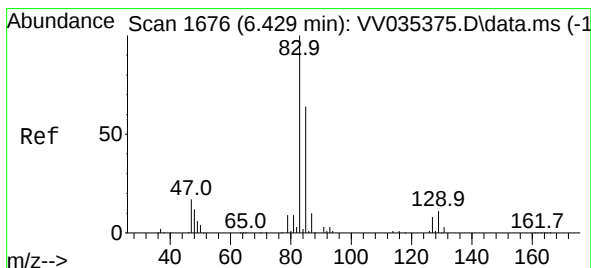
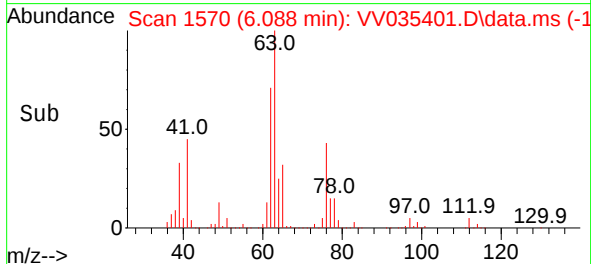
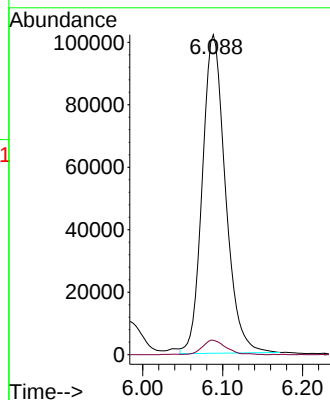
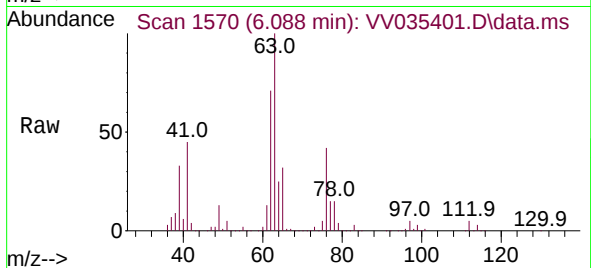
ClientSampleId :

Tgt Ion: 63 Resp: 205011

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 54.315 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.003 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

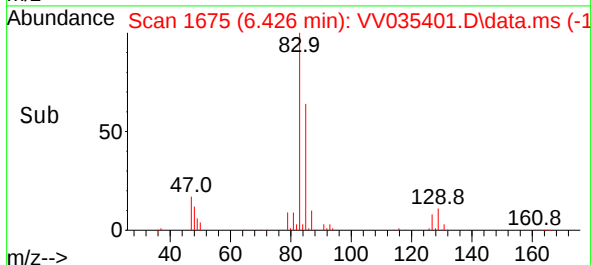
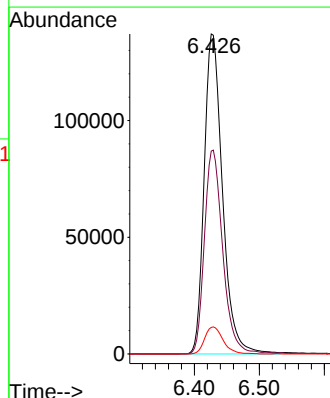
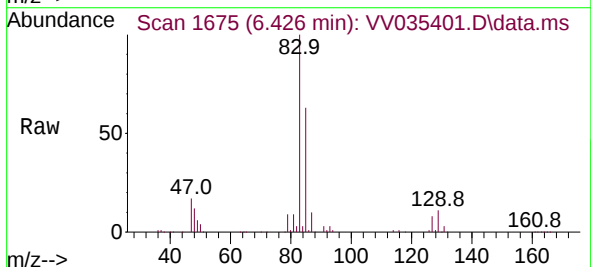
Tgt Ion: 83 Resp: 269172

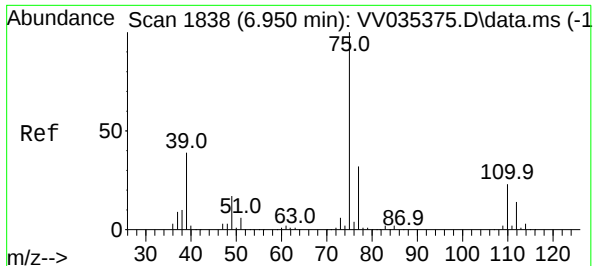
Ion Ratio Lower Upper

83 100

85 63.4 43.7 81.1

127 8.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 49.669 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

Instrument :

MSVOA_V

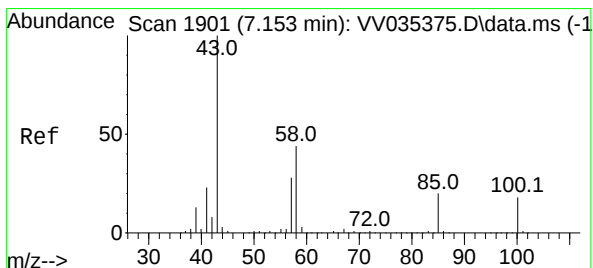
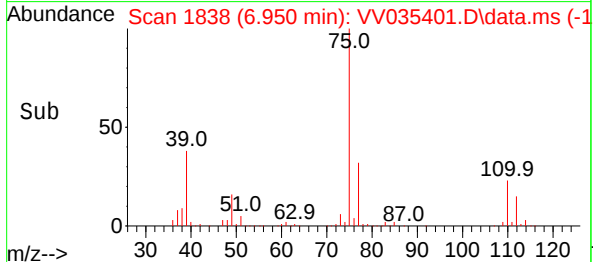
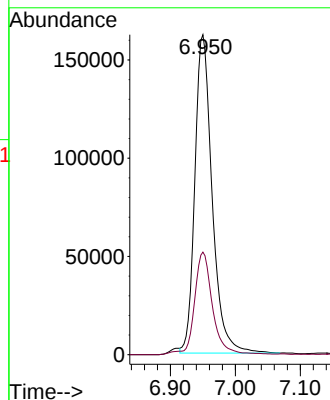
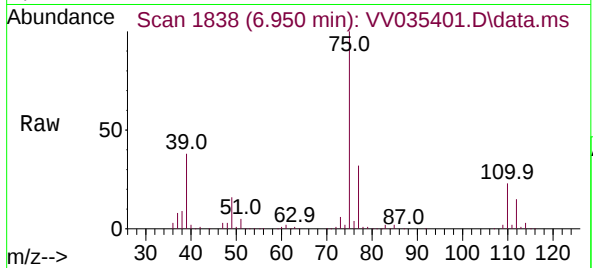
ClientSampleId :

Tgt Ion: 75 Resp: 300533

Ion Ratio Lower Upper

75 100

77 32.1 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 99.822 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

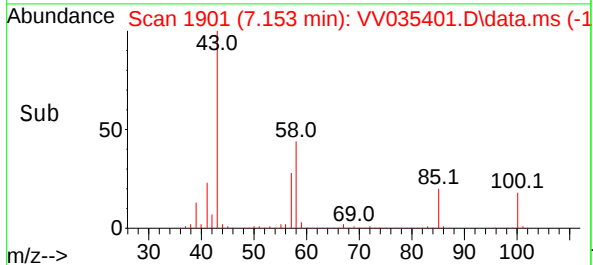
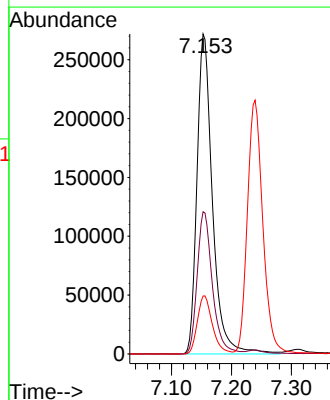
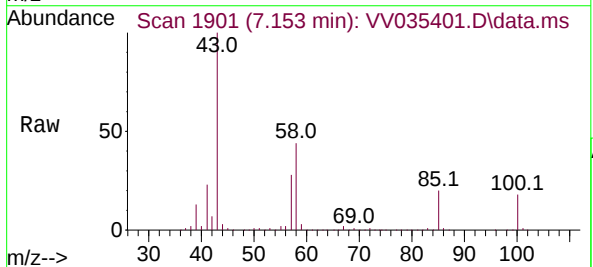
Tgt Ion: 43 Resp: 489521

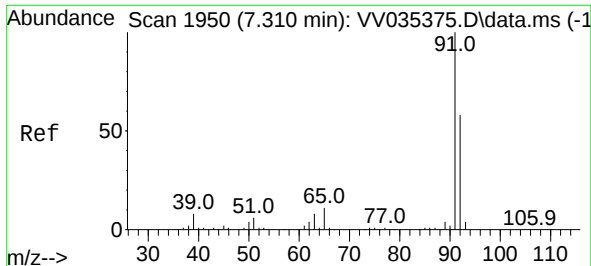
Ion Ratio Lower Upper

43 100

58 43.6 33.8 50.8

100 17.6 13.0 19.4





#42

Toluene

Concen: 54.670 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

Instrument :

MSVOA_V

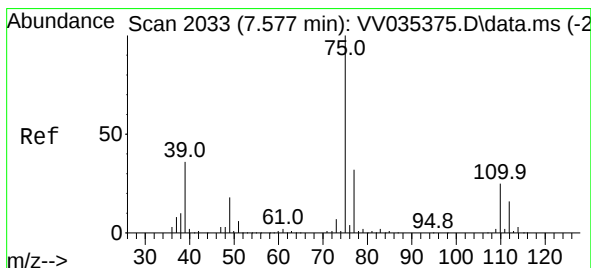
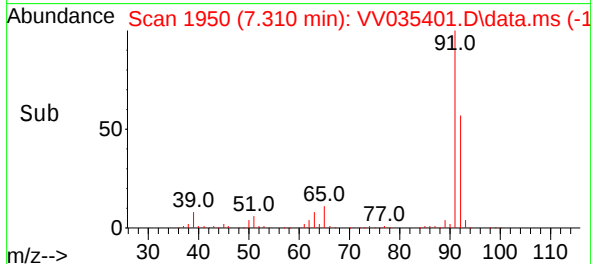
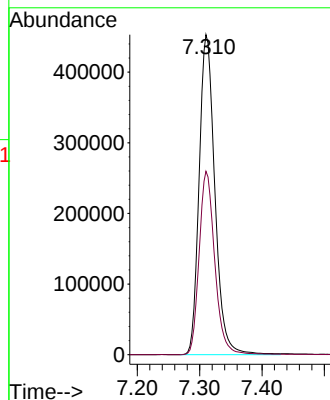
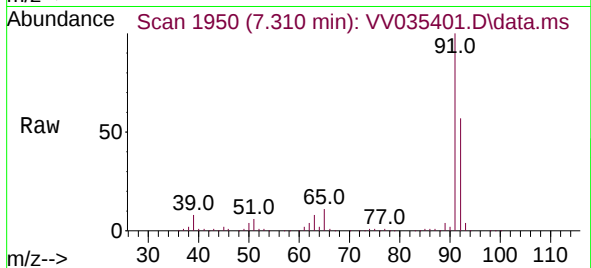
ClientSampleId :

Tgt Ion: 91 Resp: 795496

Ion Ratio Lower Upper

91 100

92 57.3 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 52.183 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035401.D

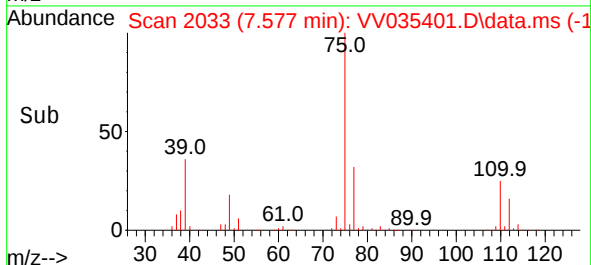
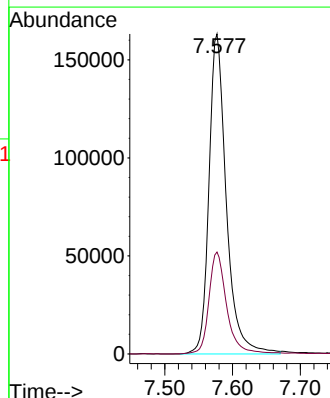
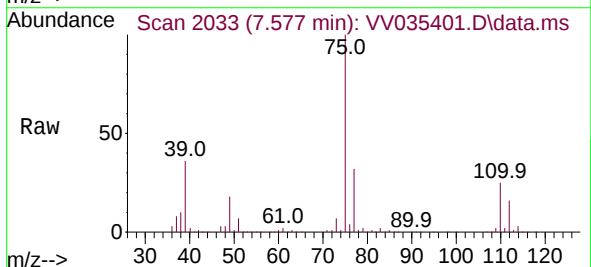
Acq: 25 Apr 2024 09:52

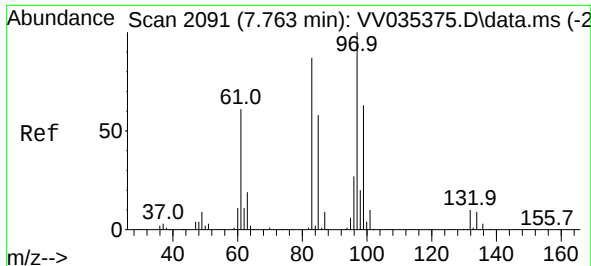
Tgt Ion: 75 Resp: 290078

Ion Ratio Lower Upper

75 100

77 31.9 21.7 40.3

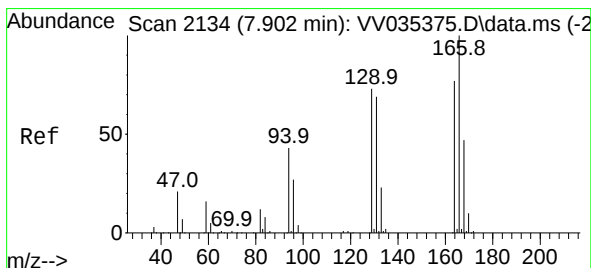
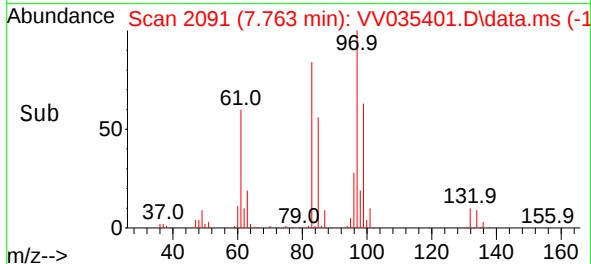
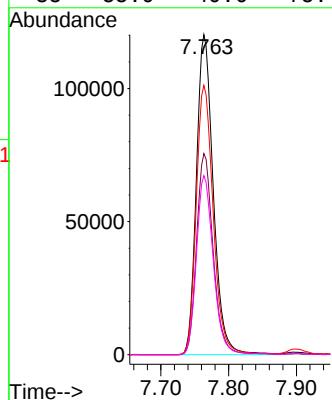
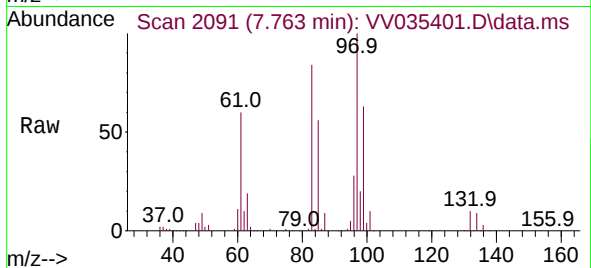




#45
1,1,2-Trichloroethane
Concen: 57.502 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV035401.D
Acq: 25 Apr 2024 09:52

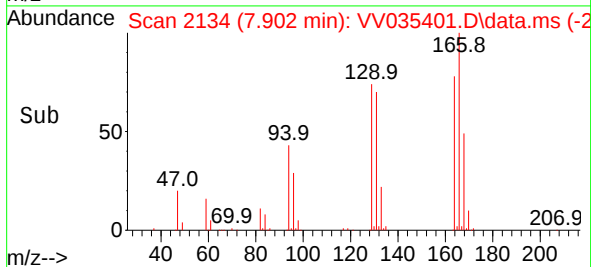
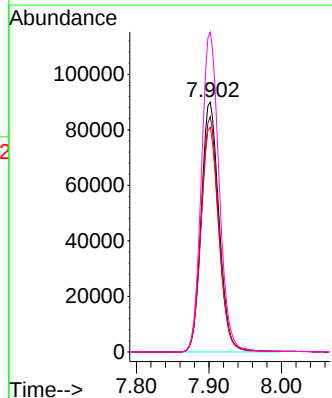
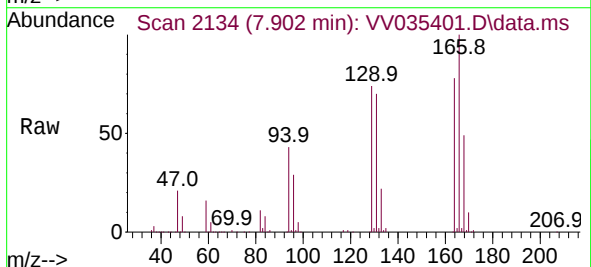
Instrument :
MSVOA_V
ClientSampleId :

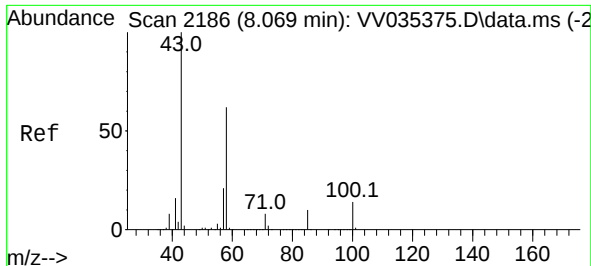
Tgt Ion:	97	Resp:	208172
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.3	80.3
83	84.1	61.6	114.4
85	55.9	40.6	75.4



#46
Tetrachloroethene
Concen: 58.689 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035401.D
Acq: 25 Apr 2024 09:52

Tgt Ion:	164	Resp:	153795
Ion	Ratio	Lower	Upper
164	100		
129	94.2	68.6	127.4
131	89.9	65.7	122.1
166	128.0	89.0	165.2





#48

2-Hexanone

Concen: 101.365 ug/L

RT: 8.072 min Scan# 2186

Delta R.T. 0.003 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 422778

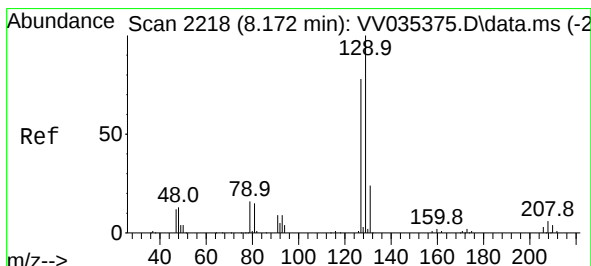
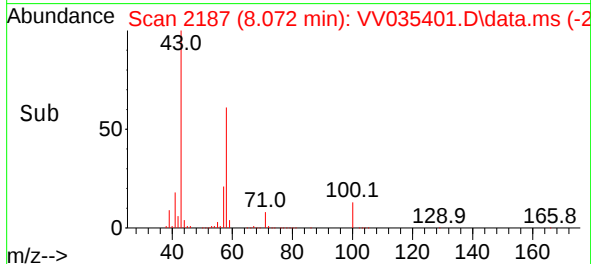
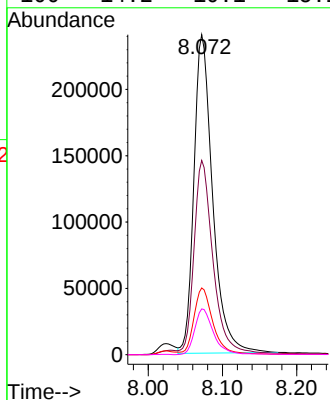
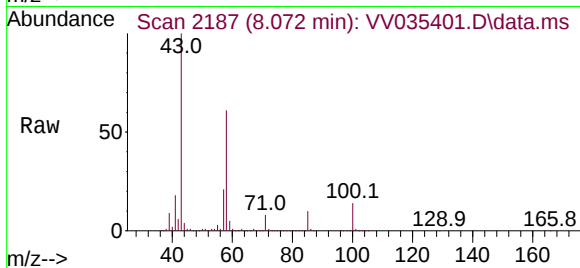
Ion Ratio Lower Upper

43 100

58 61.2 45.4 68.2

57 21.4 16.2 24.4

100 14.2 10.1 15.1



#49

Dibromochloromethane

Concen: 58.590 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV035401.D

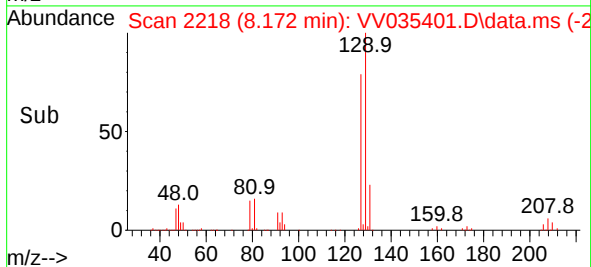
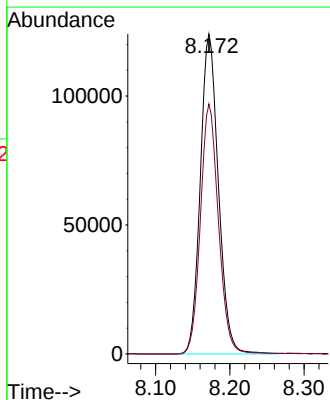
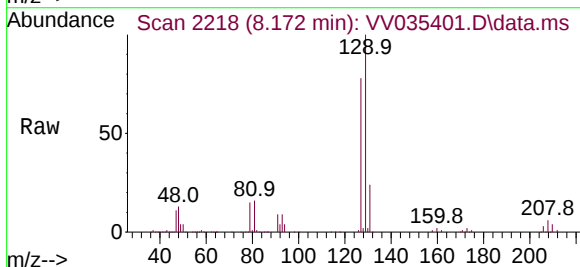
Acq: 25 Apr 2024 09:52

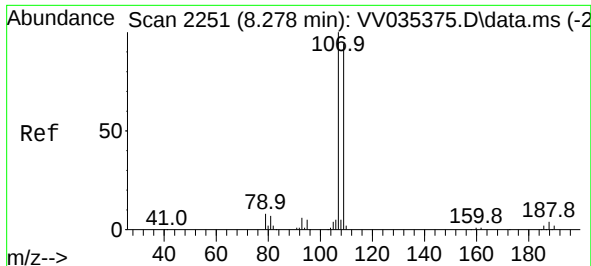
Tgt Ion: 129 Resp: 210080

Ion Ratio Lower Upper

129 100

127 78.1 54.1 100.5

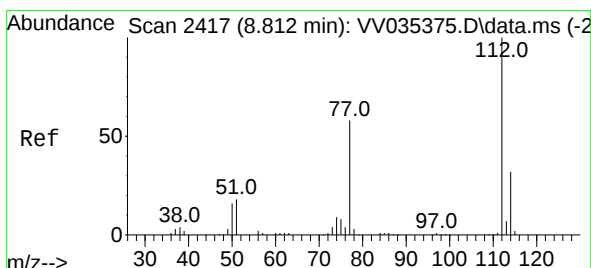
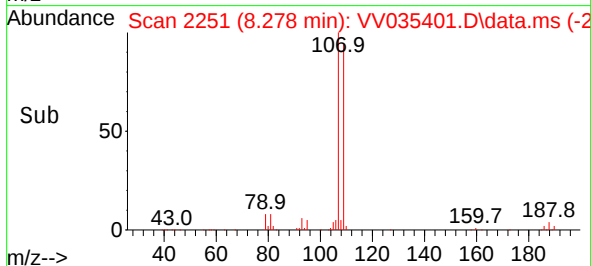
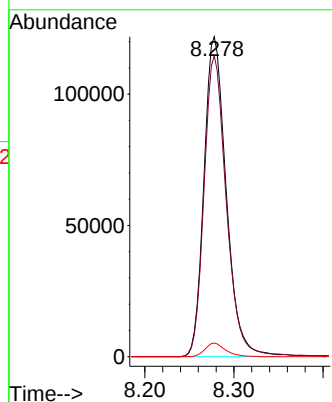
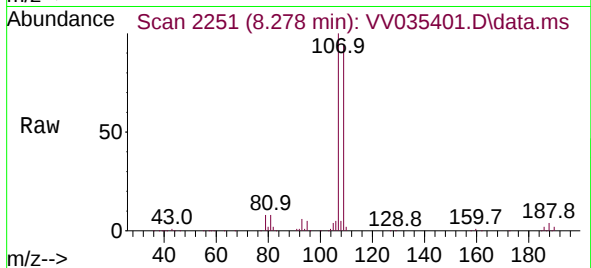




#50
1,2-Dibromoethane
Concen: 54.200 ug/L
RT: 8.278 min Scan# 211251
Delta R.T. 0.000 min
Lab File: VV035401.D
Acq: 25 Apr 2024 09:52

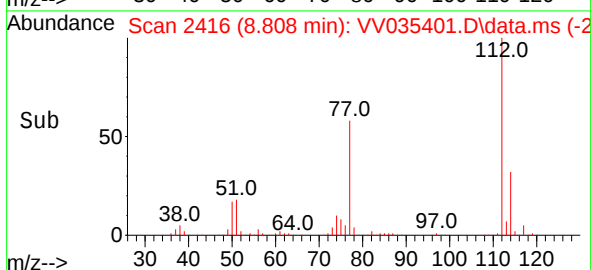
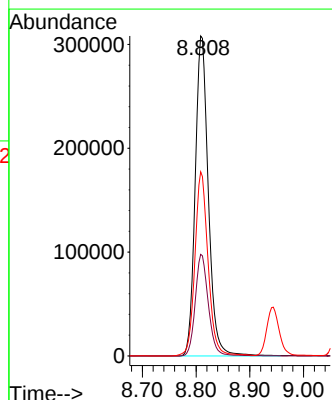
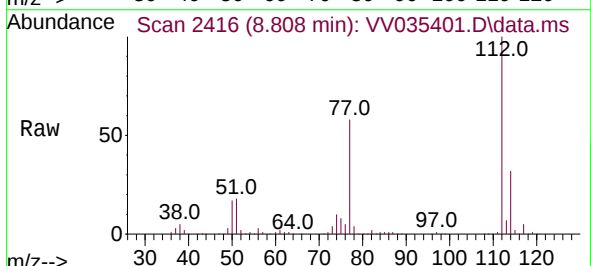
Instrument :
MSVOA_V
ClientSampleId :

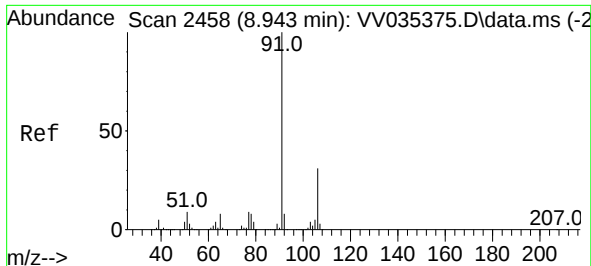
Tgt Ion:107 Resp: 211251
Ion Ratio Lower Upper
107 100
109 94.0 64.5 119.9
188 4.3 2.8 4.2#



#51
Chlorobenzene
Concen: 55.515 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.003 min
Lab File: VV035401.D
Acq: 25 Apr 2024 09:52

Tgt Ion:112 Resp: 523544
Ion Ratio Lower Upper
112 100
114 31.8 22.0 41.0
77 57.6 47.4 71.2





#52

Ethylbenzene

Concen: 53.011 ug/L

RT: 8.943 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

Instrument :

MSVOA_V

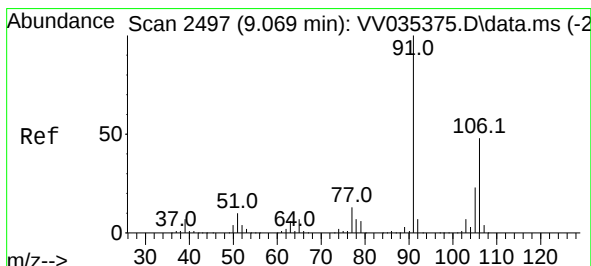
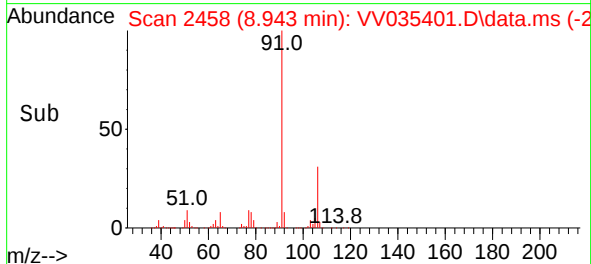
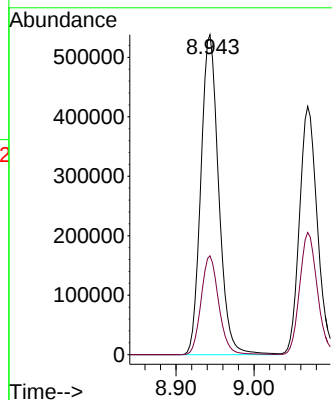
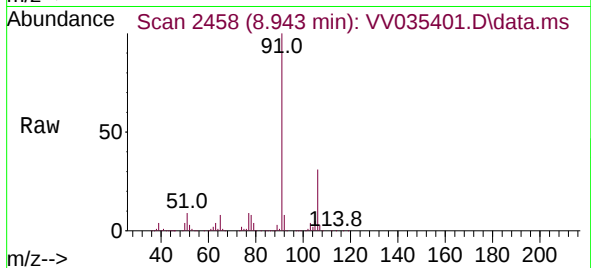
ClientSampleId :

Tgt Ion: 91 Resp: 854892

Ion Ratio Lower Upper

91 100

106 30.9 21.3 39.5



#53

m,p-Xylene

Concen: 54.723 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV035401.D

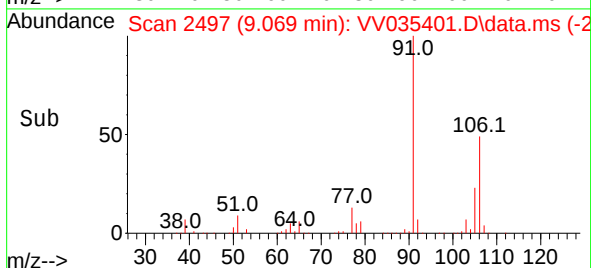
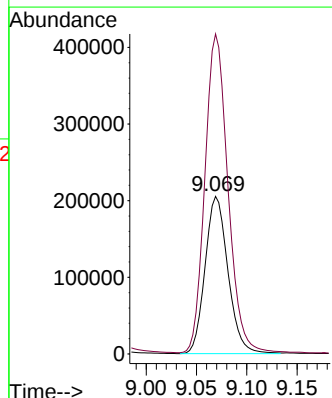
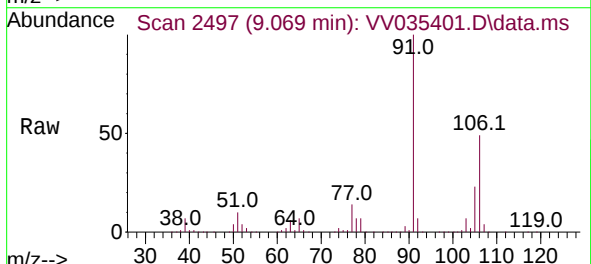
Acq: 25 Apr 2024 09:52

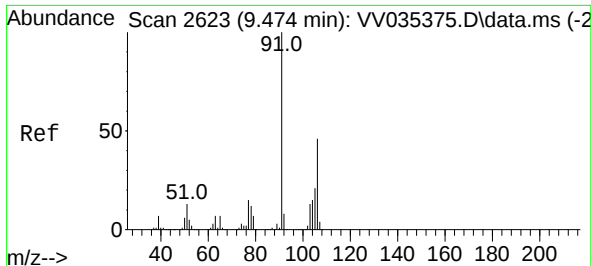
Tgt Ion: 106 Resp: 324991

Ion Ratio Lower Upper

106 100

91 203.0 144.8 269.0

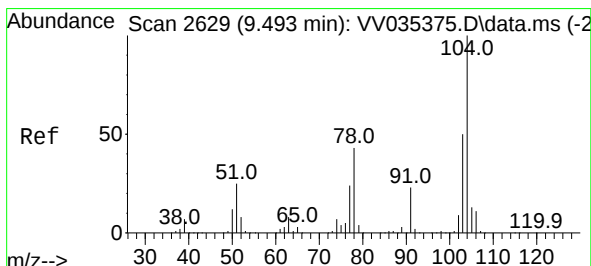
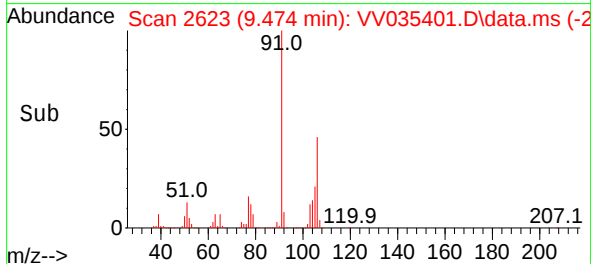
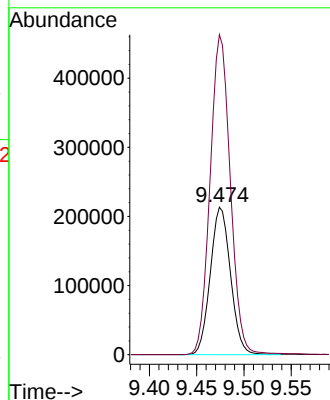
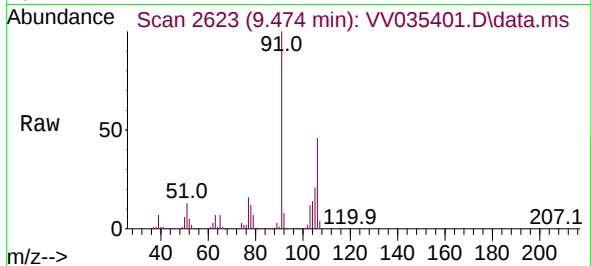




#54
o-Xylene
Concen: 54.148 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV035401.D
Acq: 25 Apr 2024 09:52

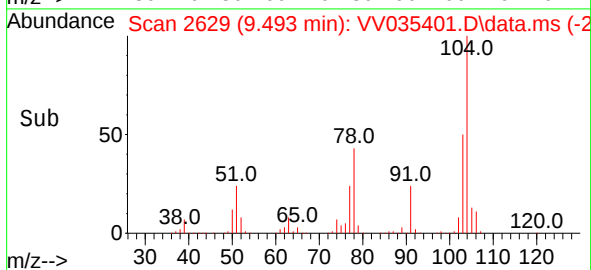
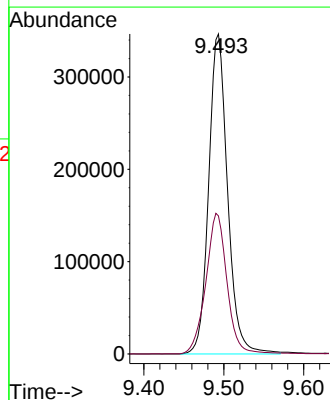
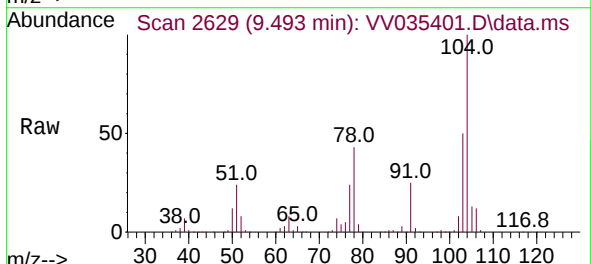
Instrument :
MSVOA_V
ClientSampleId :

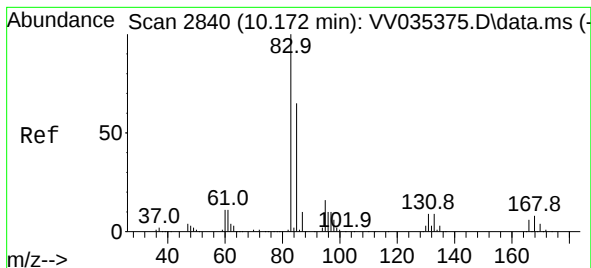
Tgt Ion:106 Resp: 318179
Ion Ratio Lower Upper
106 100
91 217.0 151.3 280.9



#55
Styrene
Concen: 57.345 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035401.D
Acq: 25 Apr 2024 09:52

Tgt Ion:104 Resp: 569433
Ion Ratio Lower Upper
104 100
78 43.1 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 56.701 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.003 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :

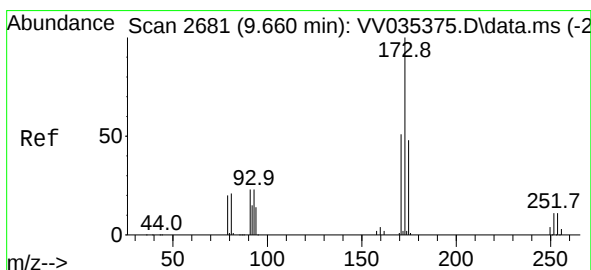
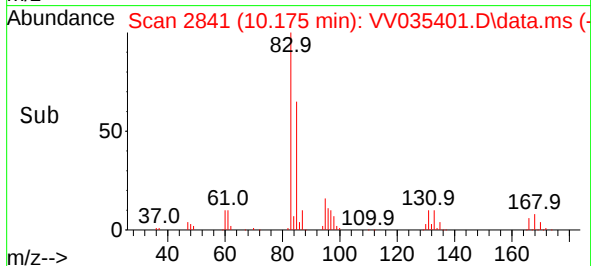
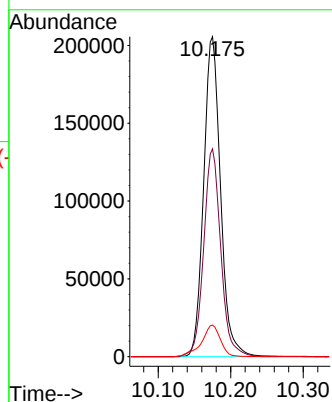
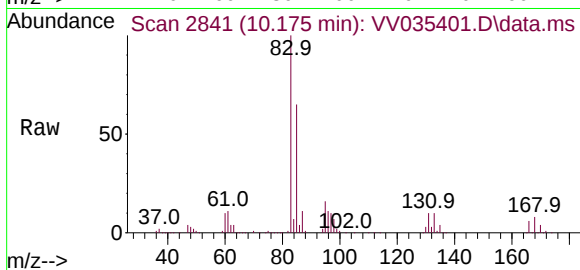
Tgt Ion: 83 Resp: 332587

Ion Ratio Lower Upper

83 100

85 65.0 44.5 82.7

131 9.9 6.9 10.3



#59

Bromoform

Concen: 60.185 ug/L

RT: 9.660 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

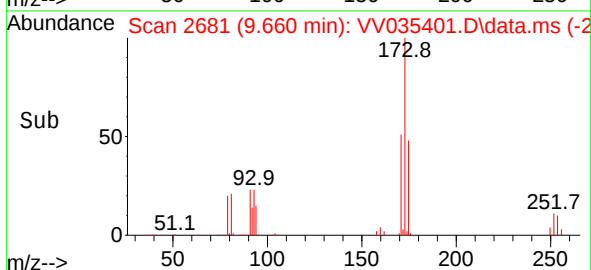
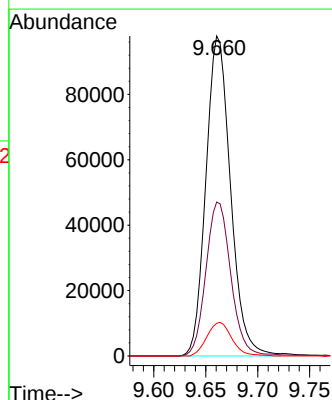
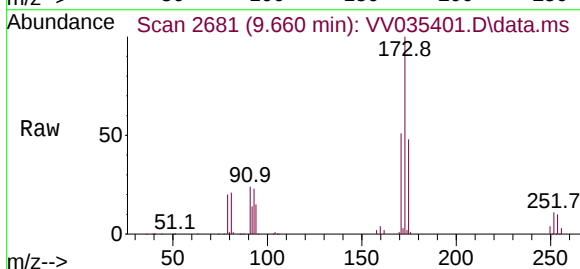
Tgt Ion: 173 Resp: 160996

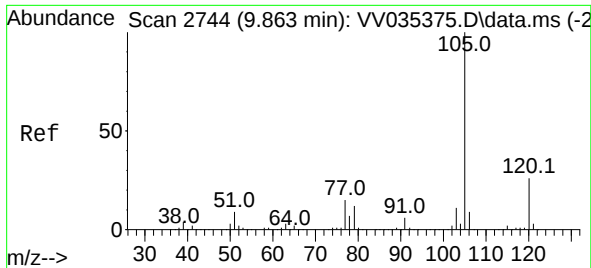
Ion Ratio Lower Upper

173 100

175 48.8 39.3 58.9

254 10.6 7.5 11.3

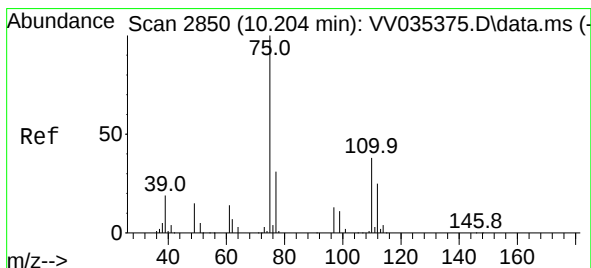
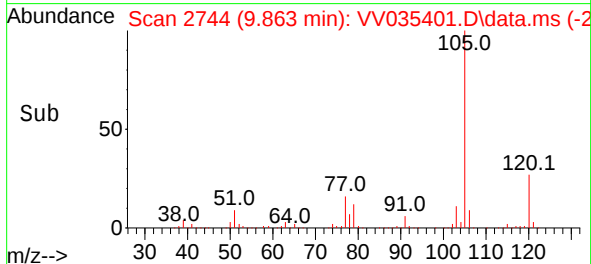
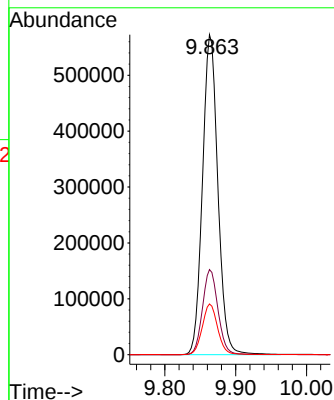
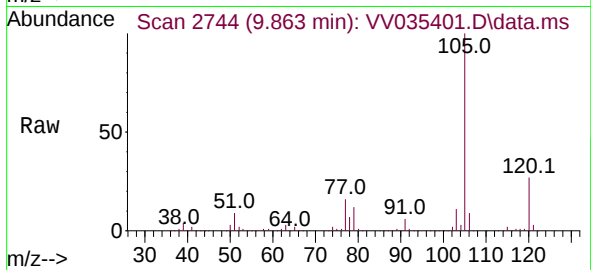




#60
Isopropylbenzene
Concen: 51.322 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035401.D
Acq: 25 Apr 2024 09:52

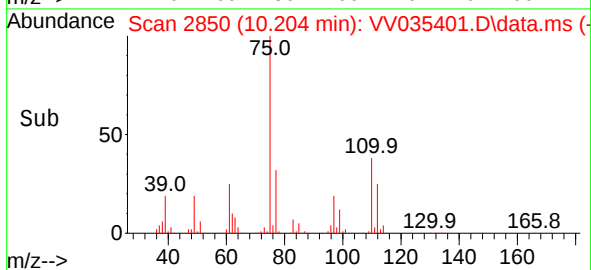
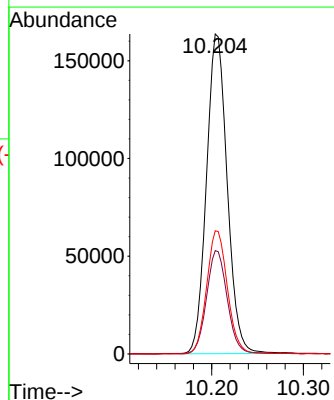
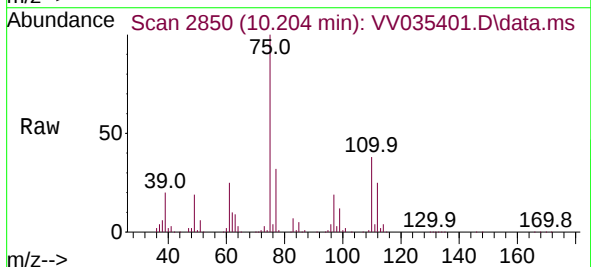
Instrument :
MSVOA_V
ClientSampleId :

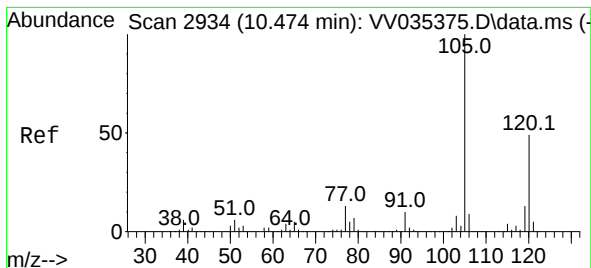
Tgt Ion:105 Resp: 863656
Ion Ratio Lower Upper
105 100
120 26.7 21.0 31.6
77 15.9 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 50.788 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV035401.D
Acq: 25 Apr 2024 09:52

Tgt Ion: 75 Resp: 256900
Ion Ratio Lower Upper
75 100
77 32.1 26.0 39.0
110 38.7 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 63.916 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

Instrument :

MSVOA_V

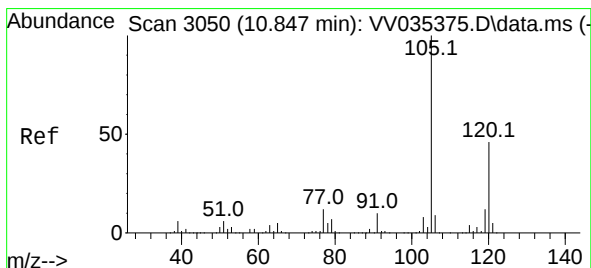
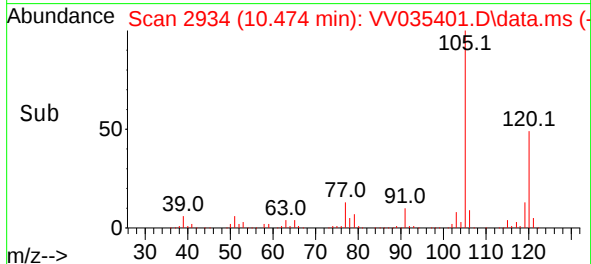
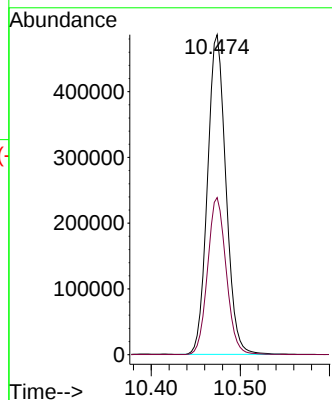
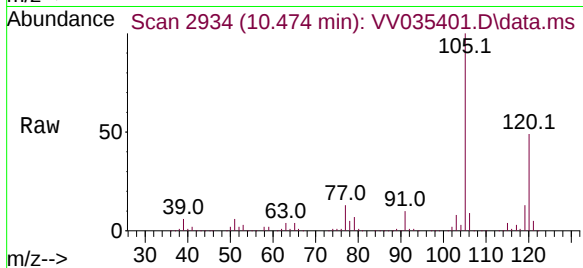
ClientSampleId :

Tgt Ion:105 Resp: 698545

Ion Ratio Lower Upper

105 100

120 49.5 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 52.396 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV035401.D

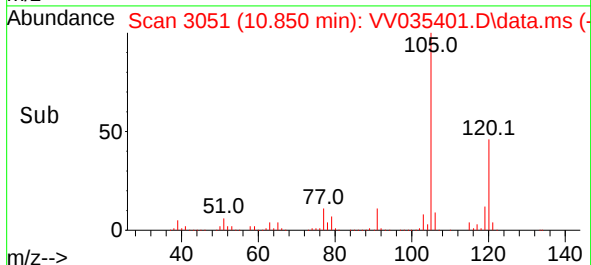
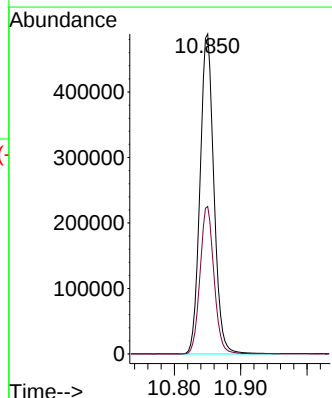
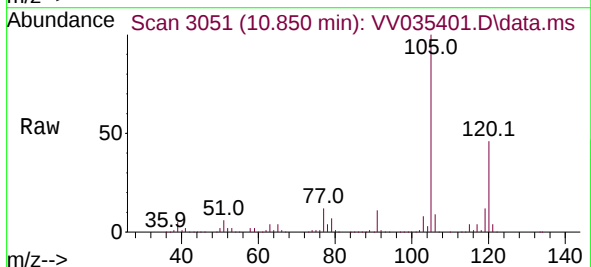
Acq: 25 Apr 2024 09:52

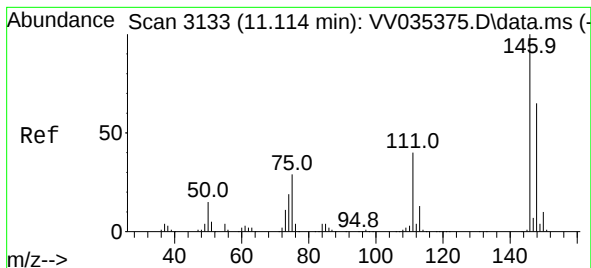
Tgt Ion:105 Resp: 708000

Ion Ratio Lower Upper

105 100

120 46.4 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 54.103 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :

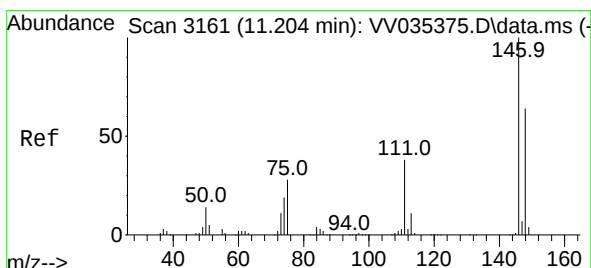
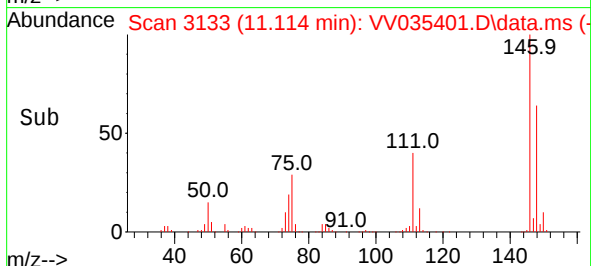
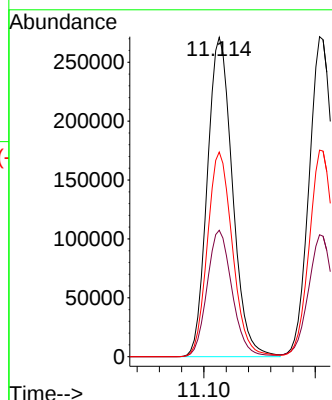
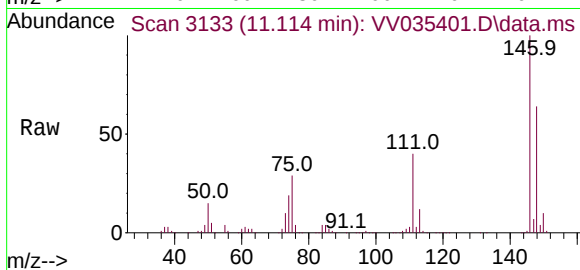
Tgt Ion:146 Resp: 425473

Ion Ratio Lower Upper

146 100

111 39.6 28.7 53.3

148 64.1 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 54.427 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

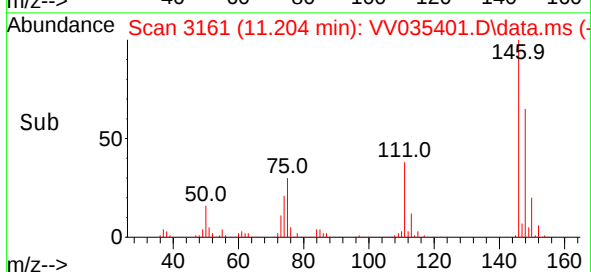
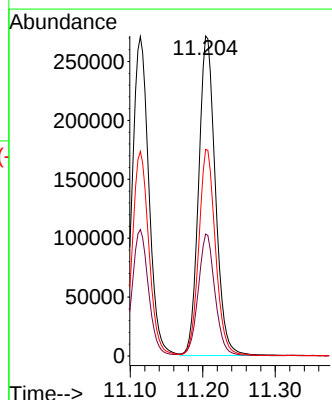
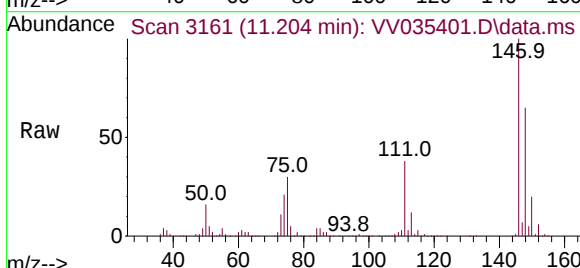
Tgt Ion:146 Resp: 435269

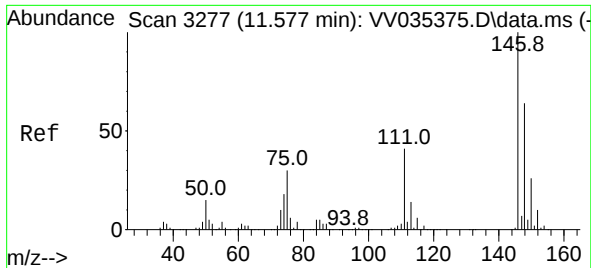
Ion Ratio Lower Upper

146 100

111 38.1 27.4 50.8

148 64.5 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 55.706 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :

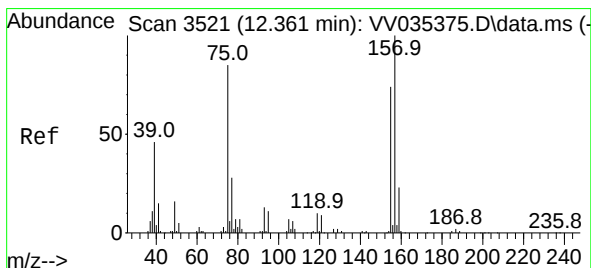
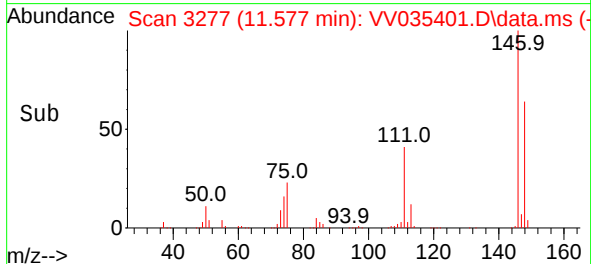
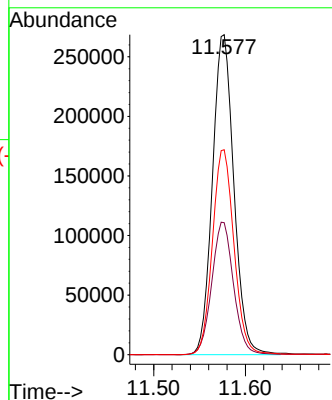
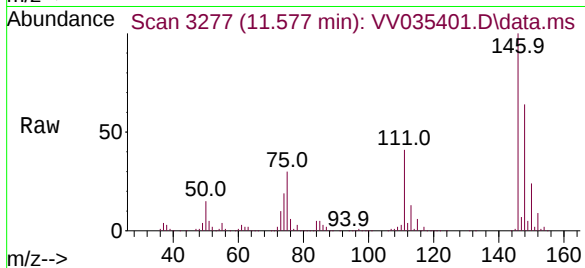
Tgt Ion:146 Resp: 436412

Ion Ratio Lower Upper

146 100

111 41.2 34.6 52.0

148 64.1 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 42.183 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

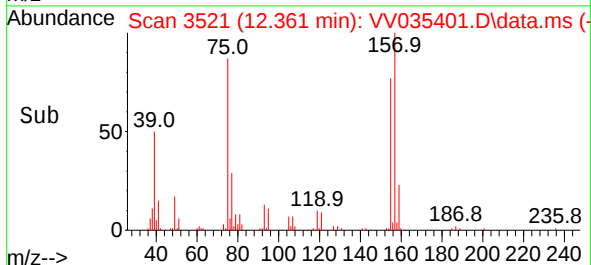
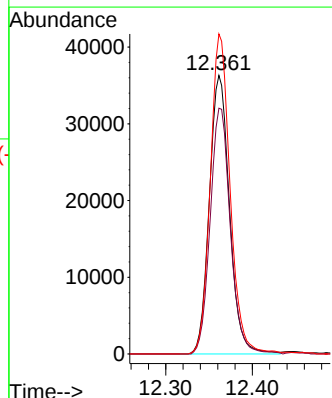
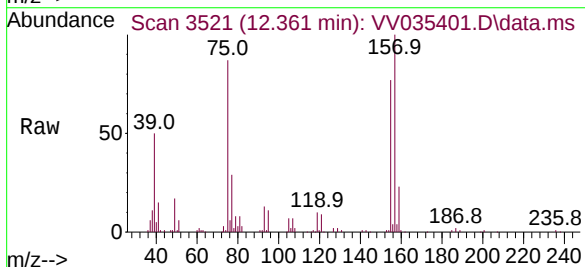
Tgt Ion: 75 Resp: 58785

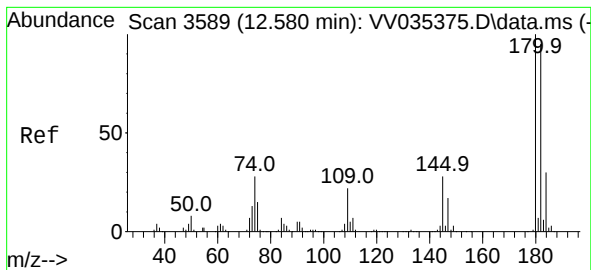
Ion Ratio Lower Upper

75 100

155 88.2 63.0 94.6

157 114.9 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 54.468 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

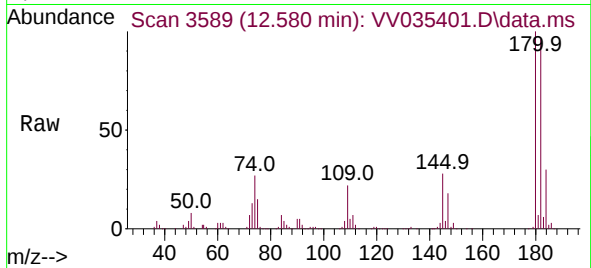
Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 308713

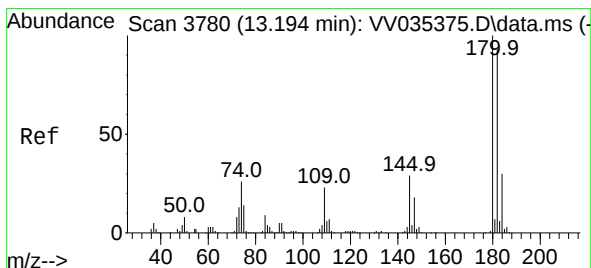
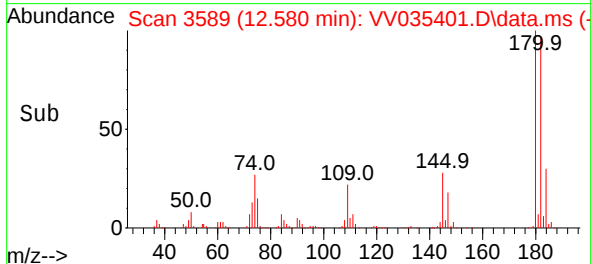
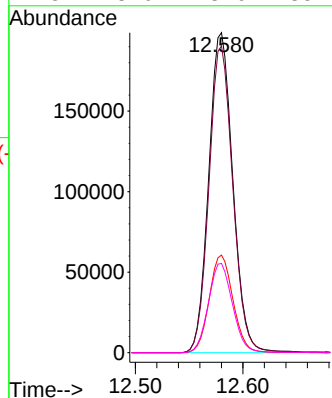
Ion Ratio Lower Upper

180 100

182 95.2 74.7 112.1

184 30.2 24.0 36.0

145 28.0 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 47.833 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

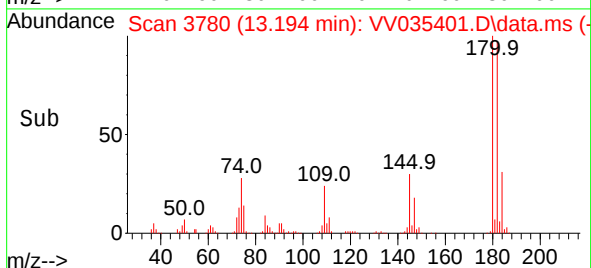
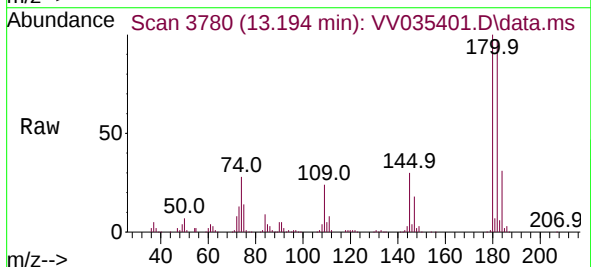
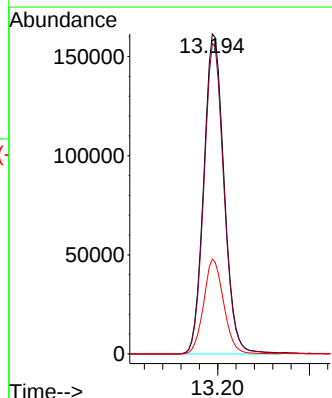
Tgt Ion:180 Resp: 249030

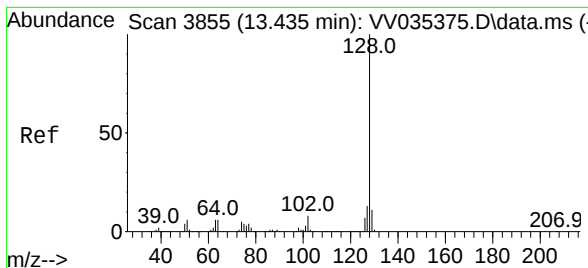
Ion Ratio Lower Upper

180 100

182 96.0 75.6 113.4

145 29.1 24.1 36.1





#71

Naphthalene

Concen: 40.754 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

Instrument :

MSVOA_V

ClientSampleId :

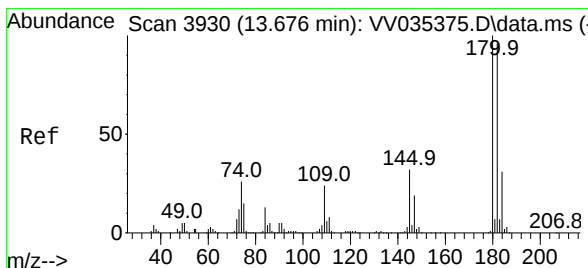
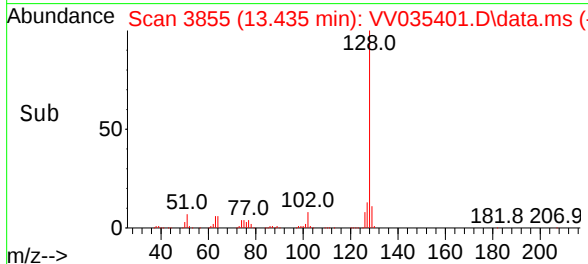
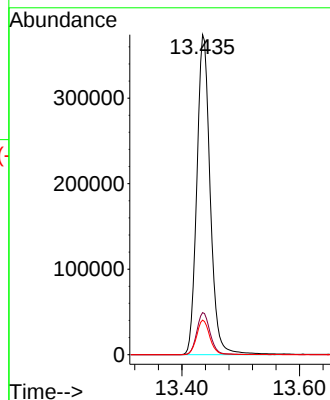
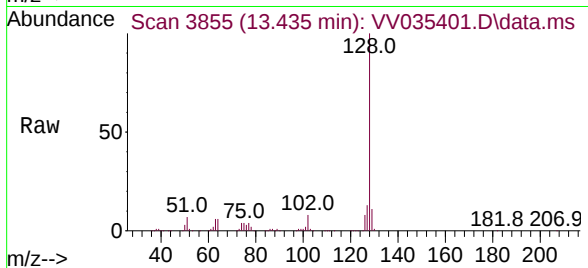
Tgt Ion:128 Resp: 588657

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.5 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.139 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035401.D

Acq: 25 Apr 2024 09:52

Tgt Ion:180 Resp: 257306

Ion Ratio Lower Upper

180 100

182 96.3 76.2 114.2

145 31.0 25.8 38.6

