

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022924\
 Data File : VW034471.D
 Acq On : 29 Feb 2024 09:57
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 01 00:58:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 00:56:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	326188	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	302398	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	158470	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	143354	56.176	ug/L	0.00
7) Chloroethane-d5	1.529	69	113724	55.737	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	65030	57.950	ug/L	0.00
21) 2-Butanone-d5	3.783	46	197857	111.553	ug/L	0.00
24) Chloroform-d	4.246	84	251746	54.632	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	166405	55.639	ug/L	0.00
32) Benzene-d6	4.957	84	468378	53.722	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	139742	49.684	ug/L	0.00
41) Toluene-d8	7.240	98	423848	53.993	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	72071	51.472	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	149198	121.197	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	185614	50.987	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	159657	52.394	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	175590	60.418	ug/L	100
3) Chloromethane	1.217	50	170131	53.645	ug/L	100
5) Vinyl chloride	1.285	62	166447	54.644	ug/L	100
6) Bromomethane	1.484	94	97246	59.701	ug/L	100
8) Chloroethane	1.545	64	99468	54.856	ug/L	100
9) Trichlorofluoromethane	1.712	101	249280	65.094	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	134240	60.792	ug/L	100
12) 1,1-Dichloroethene	2.069	96	124208	60.037	ug/L	100
13) Acetone	2.114	43	231173	131.297	ug/L	100
14) Carbon disulfide	2.240	76	347507	51.683	ug/L	100
15) Methyl Acetate	2.372	43	154421	56.084	ug/L	100
16) Methylene chloride	2.446	84	132049	53.882	ug/L	100
17) trans-1,2-Dichloroethene	2.693	96	120607	53.814	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	440221	54.645	ug/L	100
19) 1,1-Dichloroethane	3.111	63	241161	53.162	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	133858	53.833	ug/L	100
22) 2-Butanone	3.864	43	230652	112.963	ug/L	100
23) Bromochloromethane	4.146	128	69786	56.849	ug/L	100
25) Chloroform	4.275	83	246406	56.280	ug/L	100
27) 1,2-Dichloroethane	5.037	62	204463	55.945	ug/L	100
29) Cyclohexane	4.581	56	208159	49.161	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	226121	59.529	ug/L	100
31) Carbon tetrachloride	4.735	117	197642	60.631	ug/L	100
33) Benzene	5.008	78	493034	54.567	ug/L	100
34) Trichloroethene	5.831	95	136640	55.897	ug/L	100
35) Methylcyclohexane	6.050	83	213287	51.886	ug/L	100
37) 1,2-Dichloropropane	6.092	63	128716	52.501	ug/L	100
38) Bromodichloromethane	6.429	83	180622	55.172	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	216533	52.322	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	388034	106.533	ug/L	100
42) Toluene	7.314	91	521122	54.452	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	205617	54.211	ug/L	100

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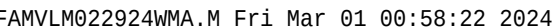
Instrument :
 MSVOA_V
 ClientSampleId :

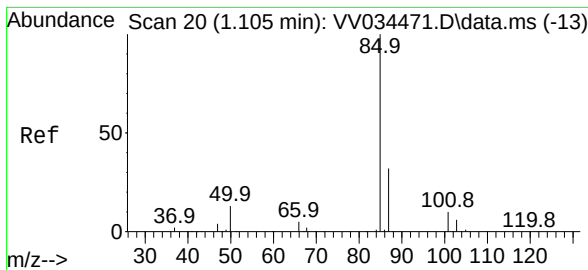
Quant Time: Mar 01 00:58:12 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	123616	54.823	ug/L	100
46) Tetrachloroethene	7.905	164	102023	56.560	ug/L	100
48) 2-Hexanone	8.072	43	318956	109.459	ug/L	100
49) Dibromochloromethane	8.175	129	130576	55.146	ug/L	100
50) 1,2-Dibromoethane	8.281	107	132033	55.265	ug/L	100
51) Chlorobenzene	8.812	112	327835	53.986	ug/L	100
52) Ethylbenzene	8.944	91	583533	52.986	ug/L	100
53) m,p-Xylene	9.072	106	217329	53.548	ug/L	100
54) o-Xylene	9.477	106	215790	53.501	ug/L	100
55) Styrene	9.494	104	371581	53.525	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	184036	51.740	ug/L	100
59) Bromoform	9.664	173	91835	53.879	ug/L	100
60) Isopropylbenzene	9.867	105	591476	54.260	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	155754	54.426	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	501804	53.667	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	494997	53.384	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	267250	54.114	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	266565	53.828	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	264194	54.610	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.362	75	47530	57.211	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	201966	55.194	ug/L	100
70) 1,2,4-trichlorobenzene	13.198	180	184124	55.311	ug/L	100
71) Naphthalene	13.435	128	521710	59.105	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	184827	58.809	ug/L	100

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

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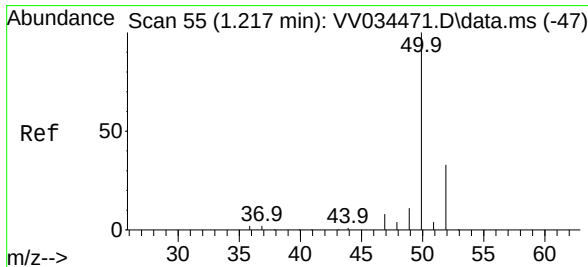
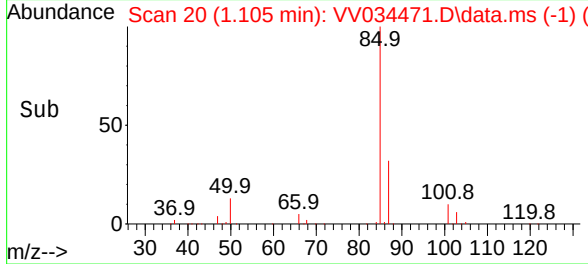
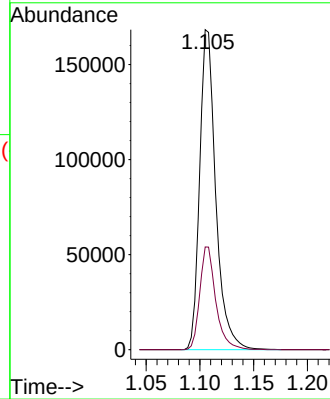
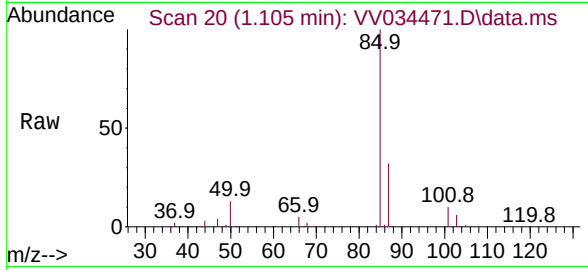




#2
Dichlorodifluoromethane
Concen: 60.418 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

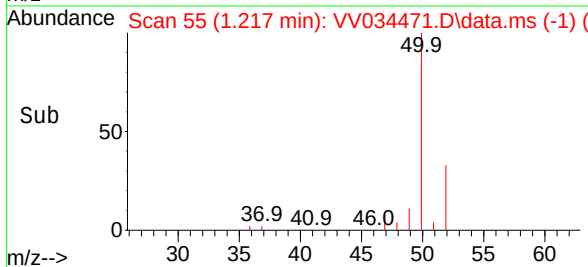
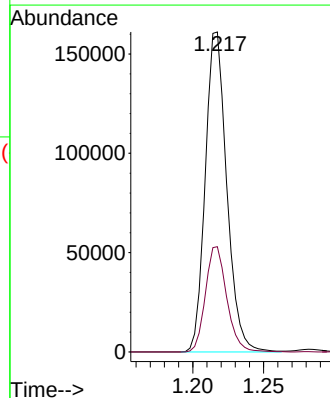
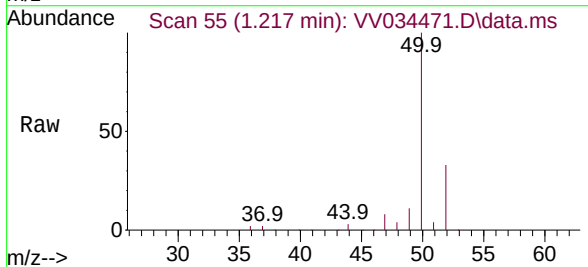
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MSVOA_V
ClientSampleId :

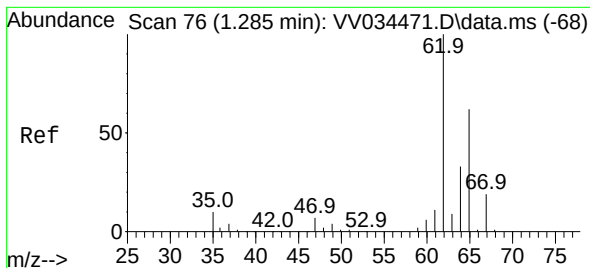
Tgt Ion: 85 Resp: 175590
Ion Ratio Lower Upper
85 100
87 31.9 25.5 38.3



#3
Chloromethane
Concen: 53.645 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

Tgt Ion: 50 Resp: 170131
Ion Ratio Lower Upper
50 100
52 32.9 23.0 42.8





#5

Vinyl chloride

Concen: 54.644 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

Instrument :

MSVOA_V

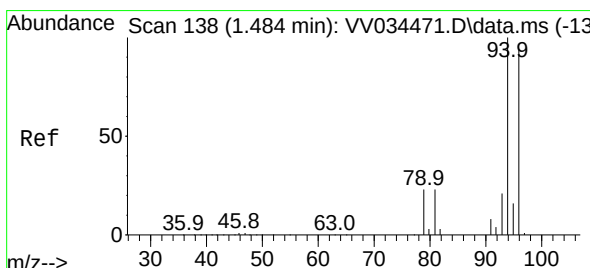
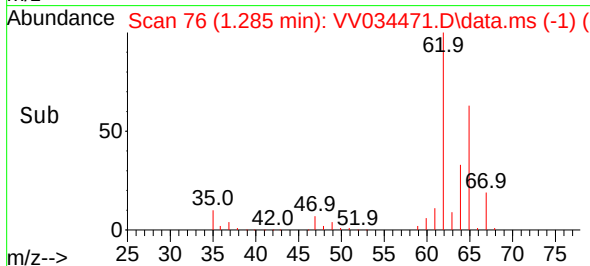
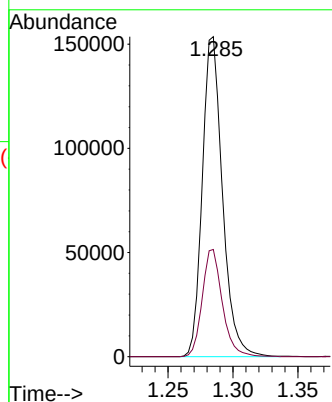
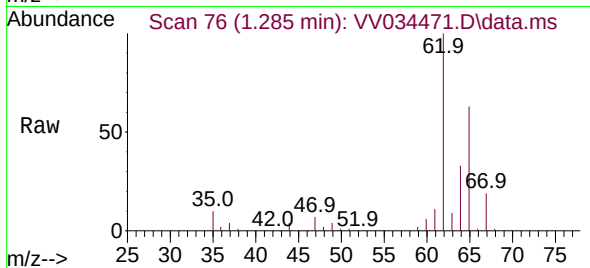
ClientSampleId :

Tgt Ion: 62 Resp: 166447

Ion Ratio Lower Upper

62 100

64 33.5 23.4 43.6



#6

Bromomethane

Concen: 59.701 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV034471.D

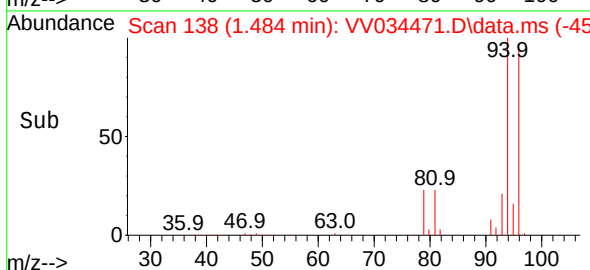
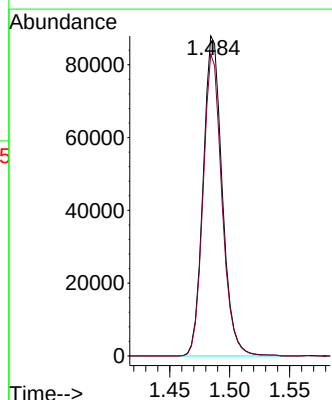
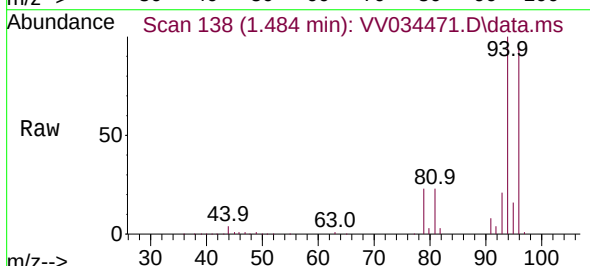
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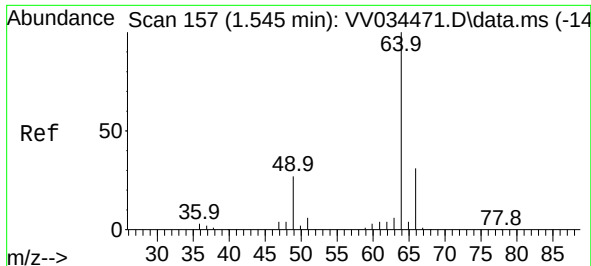
Tgt Ion: 94 Resp: 97246

Ion Ratio Lower Upper

94 100

96 94.3 66.0 122.6

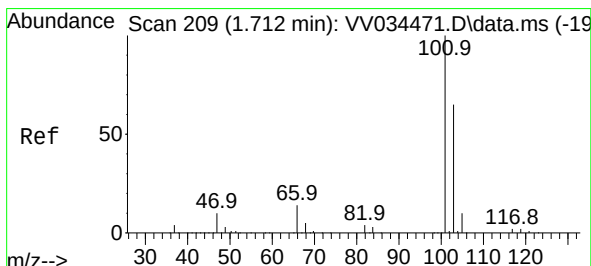
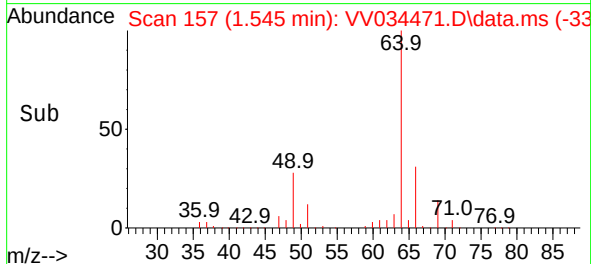
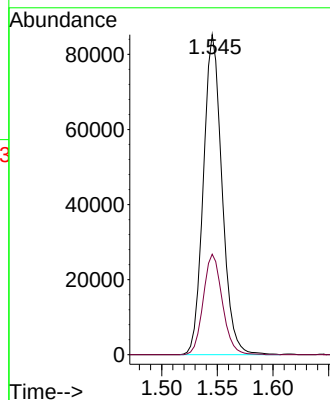
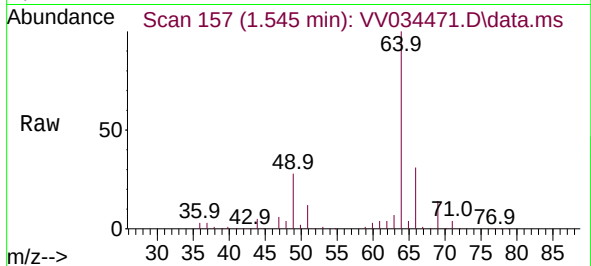




#8
Chloroethane
Concen: 54.856 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

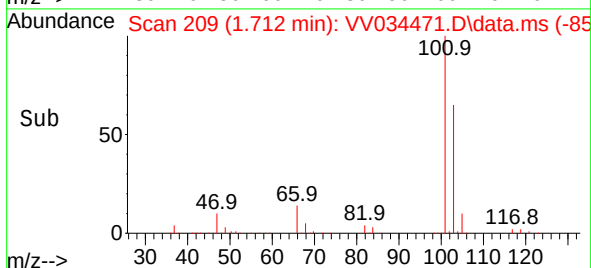
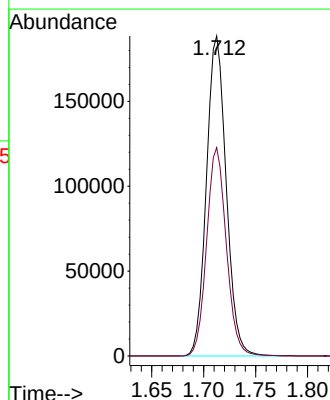
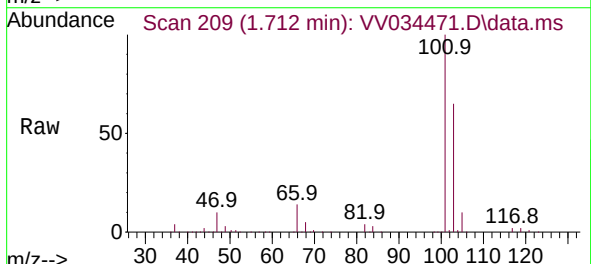
Instrument :
MSVOA_V
ClientSampleId :

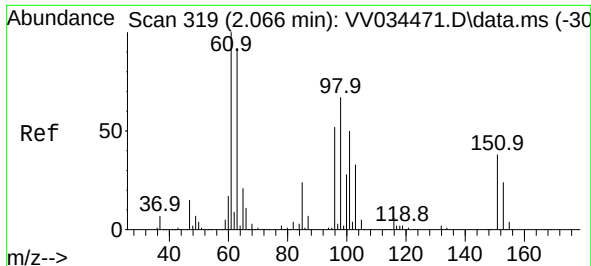
Tgt Ion: 64 Resp: 99468
Ion Ratio Lower Upper
64 100
66 31.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 65.094 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

Tgt Ion:101 Resp: 249280
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8





#10

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

Concen: 60.792 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

Instrument :

MSVOA_V

ClientSampleId :

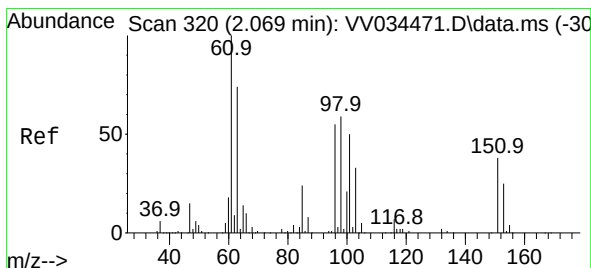
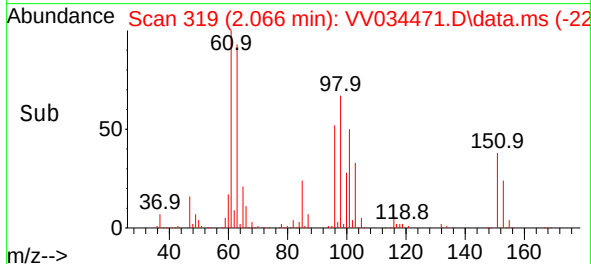
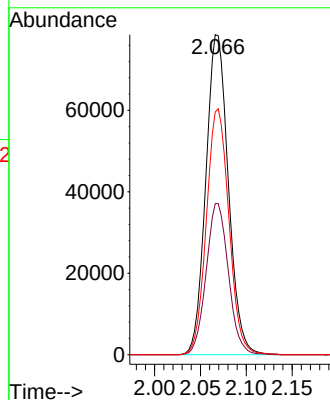
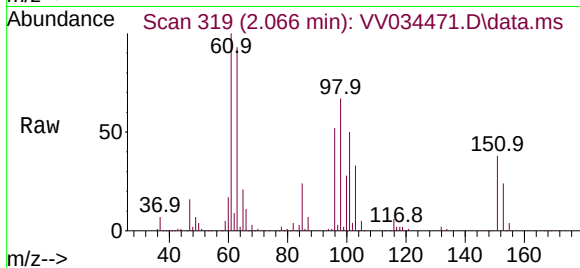
Tgt Ion:101 Resp: 134240

Ion Ratio Lower Upper

101 100

85 46.7 37.4 56.0

151 76.8 61.4 92.2



#12

1,1-Dichloroethene

Concen: 60.037 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

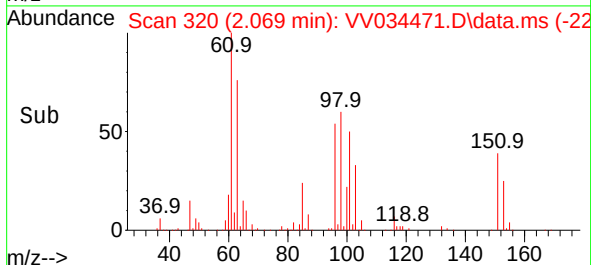
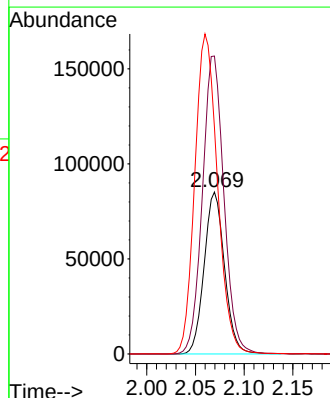
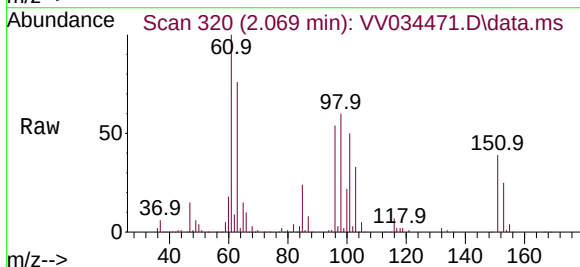
Tgt Ion: 96 Resp: 124208

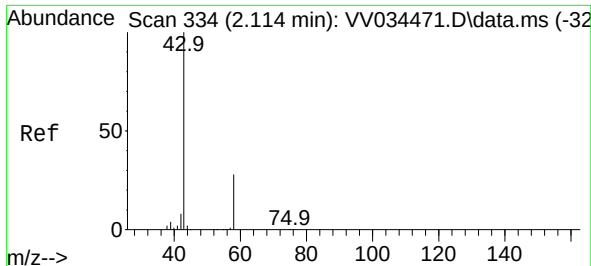
Ion Ratio Lower Upper

96 100

61 184.1 128.9 239.3

63 140.0 98.0 182.0





#13

Acetone

Concen: 131.297 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

Instrument :

MSVOA_V

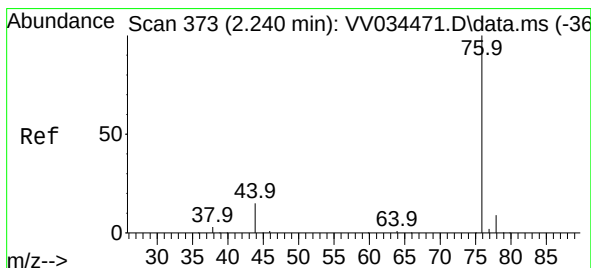
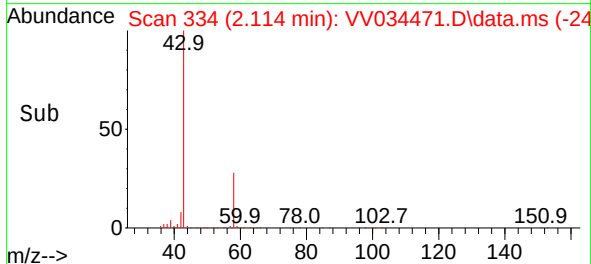
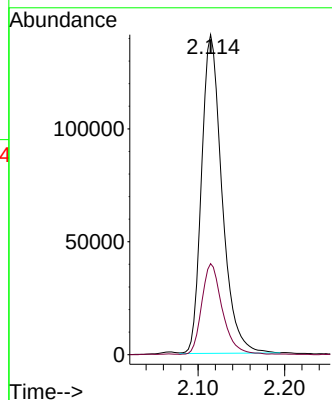
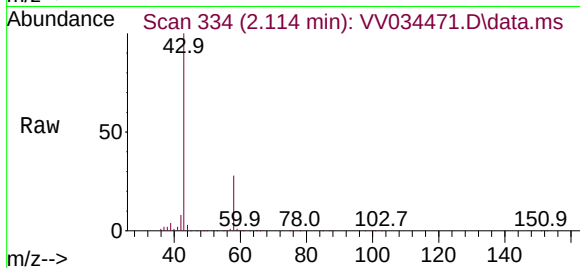
ClientSampleId :

Tgt Ion: 43 Resp: 231173

Ion Ratio Lower Upper

43 100

58 28.6 0.0 57.2



#14

Carbon disulfide

Concen: 51.683 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV034471.D

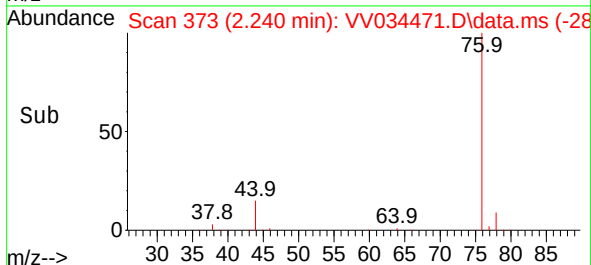
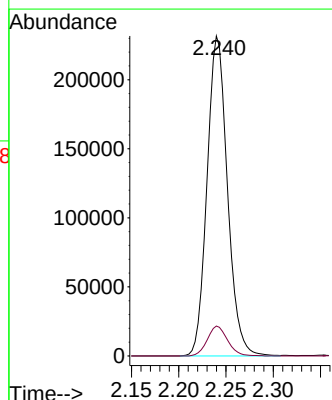
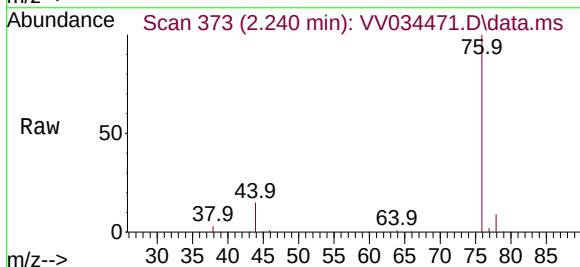
Acq: 29 Feb 2024 09:57

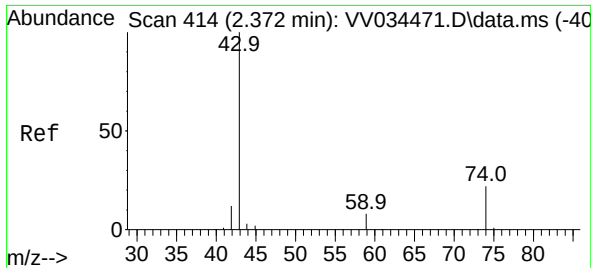
Tgt Ion: 76 Resp: 347507

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

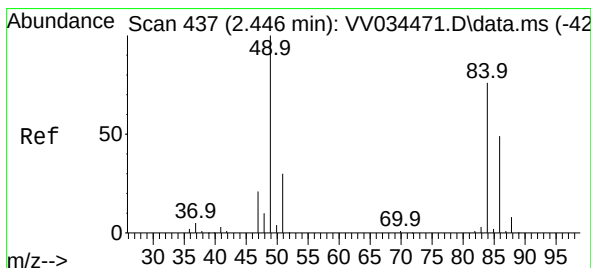
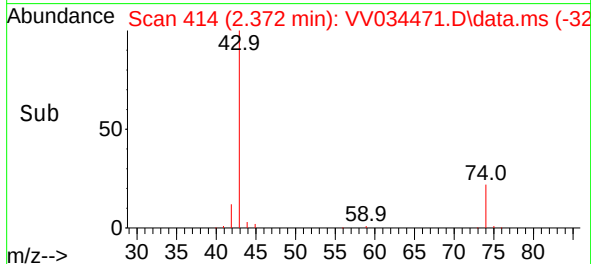
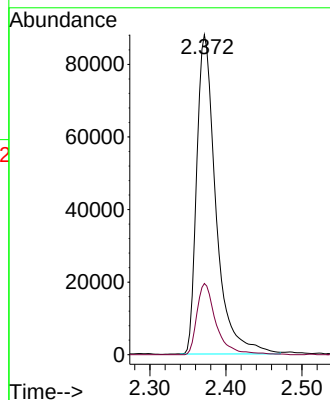
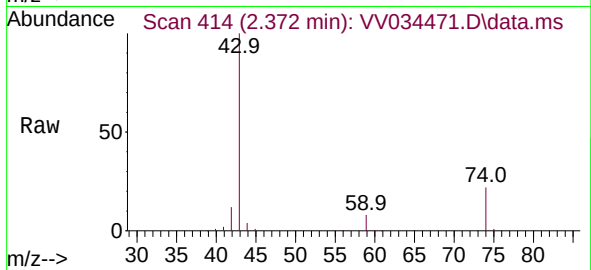




#15
Methyl Acetate
Concen: 56.084 ug/L
RT: 2.372 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

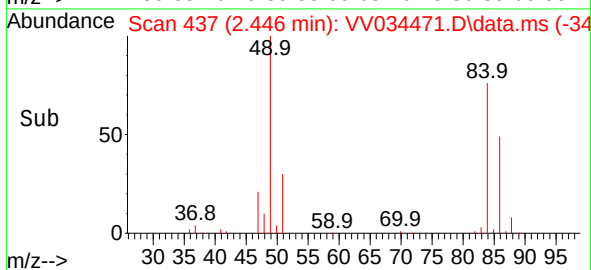
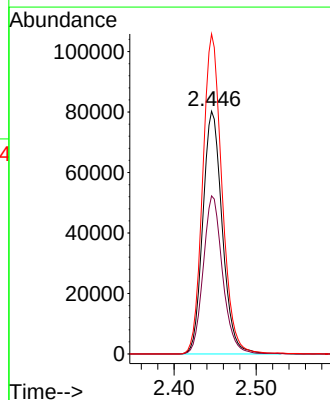
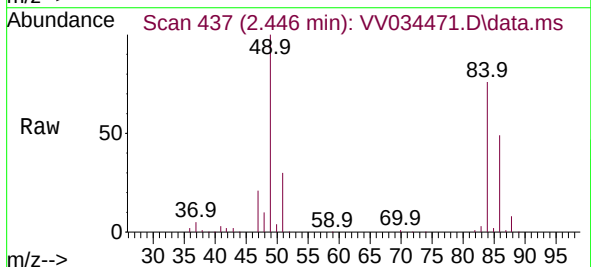
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MSVOA_V
ClientSampleId :

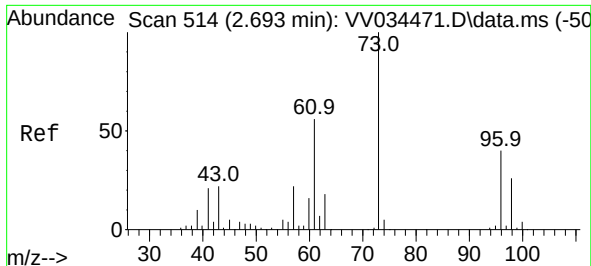
Tgt Ion: 43 Resp: 154421
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.8



#16
Methylene chloride
Concen: 53.882 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

Tgt Ion: 84 Resp: 132049
Ion Ratio Lower Upper
84 100
86 65.1 45.6 84.6
49 131.8 92.3 171.3





#17

trans-1,2-Dichloroethene

Concen: 53.814 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

Instrument :

MSVOA_V

ClientSampleId :

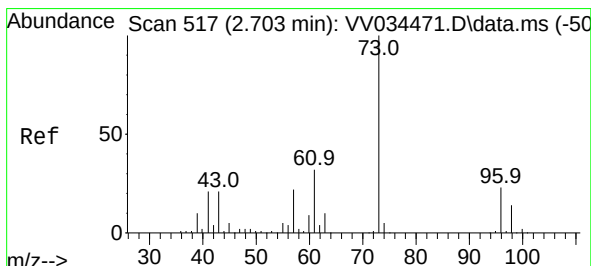
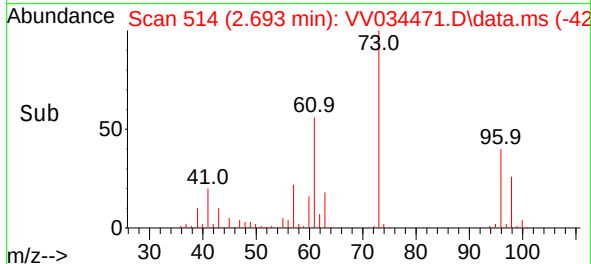
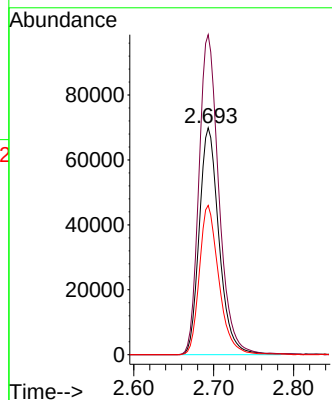
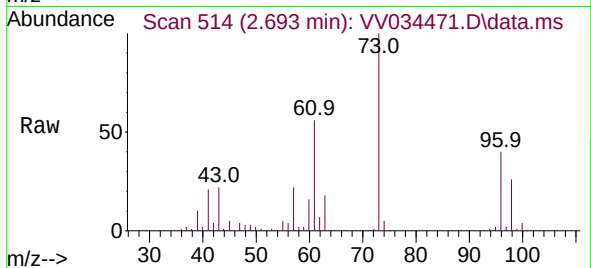
Tgt Ion: 96 Resp: 120607

Ion Ratio Lower Upper

96 100

61 141.1 98.8 183.4

98 65.8 46.1 85.5



#18

Methyl tert-butyl Ether

Concen: 54.645 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

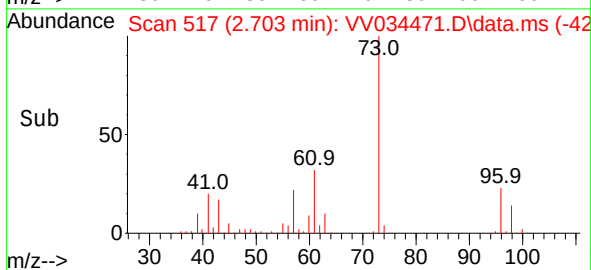
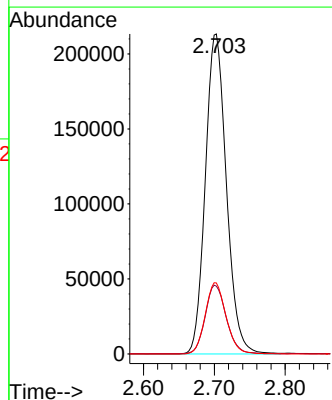
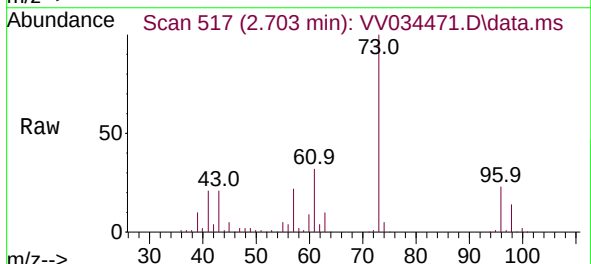
Tgt Ion: 73 Resp: 440221

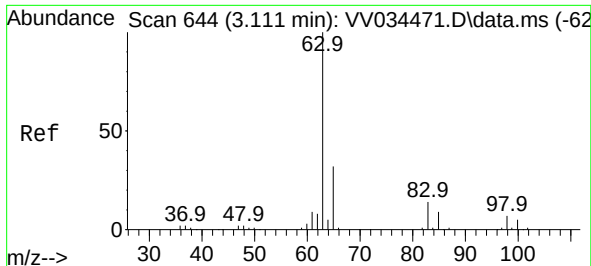
Ion Ratio Lower Upper

73 100

43 21.4 17.1 25.7

57 22.0 17.6 26.4

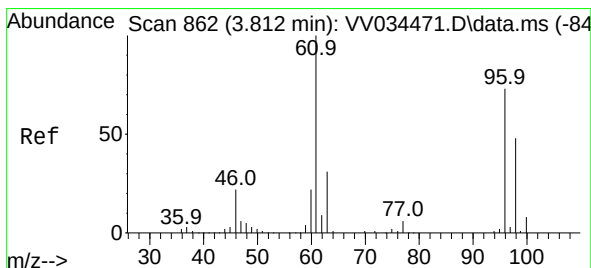
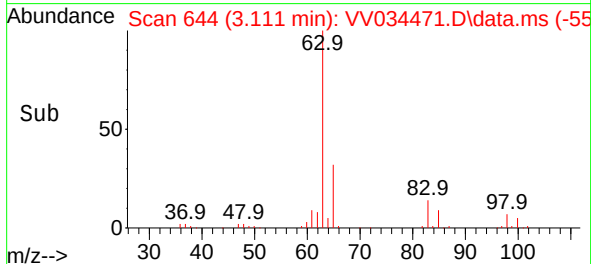
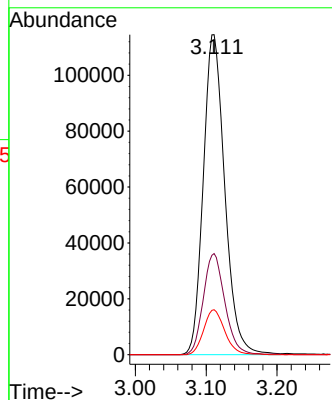
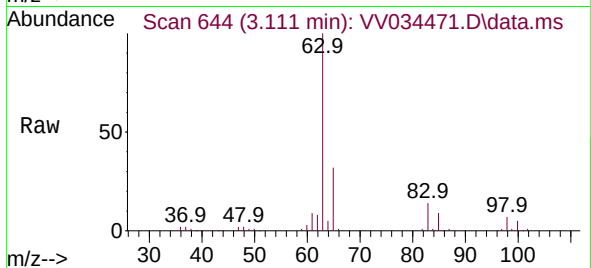




#19
1,1-Dichloroethane
Concen: 53.162 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

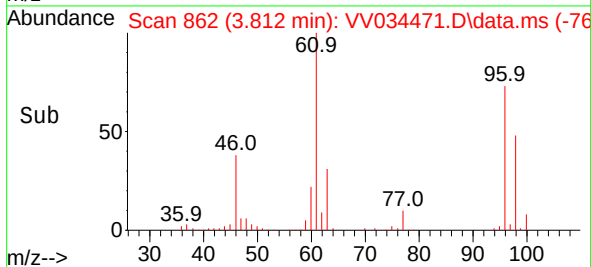
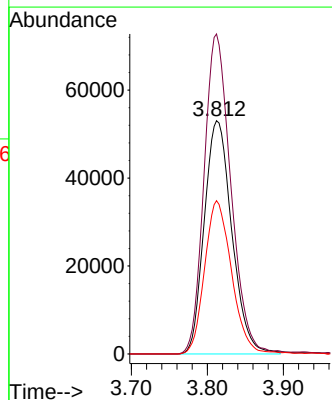
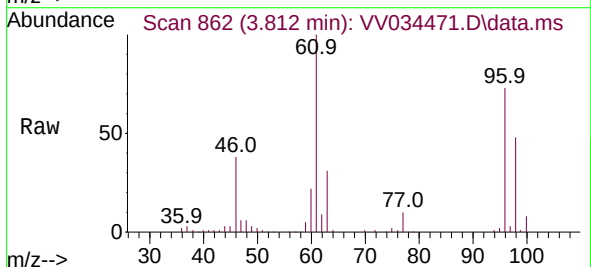
Instrument :
MSVOA_V
ClientSampleId :

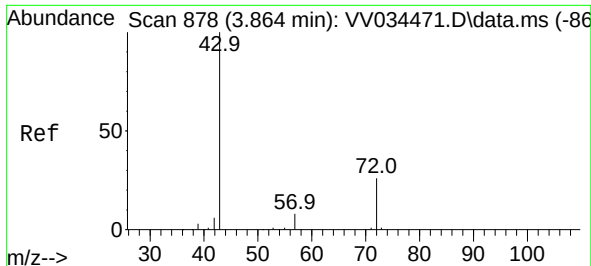
Tgt Ion: 63 Resp: 241161
Ion Ratio Lower Upper
63 100
65 31.6 22.1 41.1
83 14.1 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 53.833 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

Tgt Ion: 96 Resp: 133858
Ion Ratio Lower Upper
96 100
61 137.2 96.0 178.4
98 65.7 46.0 85.4





#22

2-Butanone

Concen: 112.963 ug/L

RT: 3.864 min Scan# 878

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

Instrument :

MSVOA_V

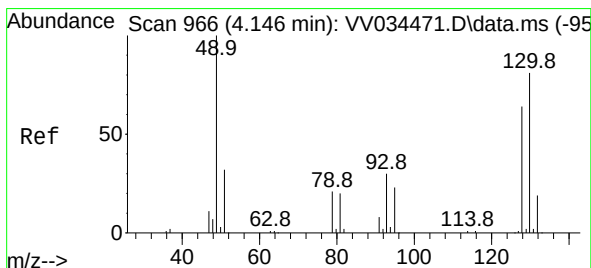
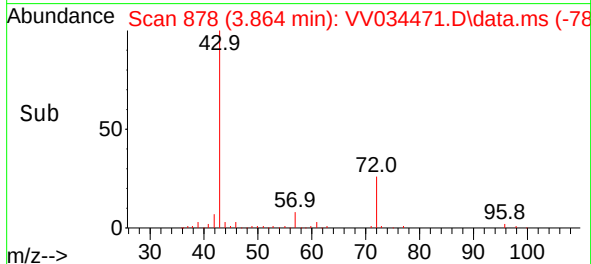
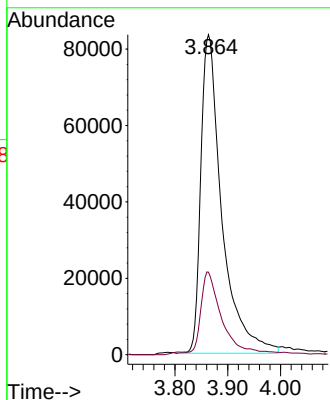
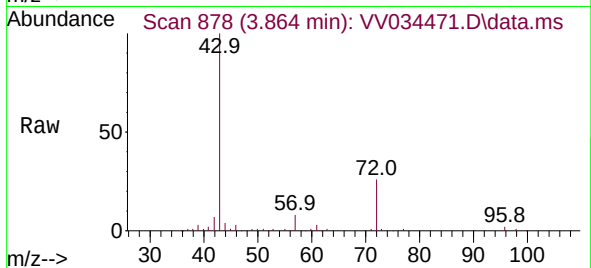
ClientSampleId :

Tgt Ion: 43 Resp: 230652

Ion Ratio Lower Upper

43 100

72 22.9 11.5 34.4



#23

Bromochloromethane

Concen: 56.849 ug/L

RT: 4.146 min Scan# 966

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

Tgt Ion: 128 Resp: 69786

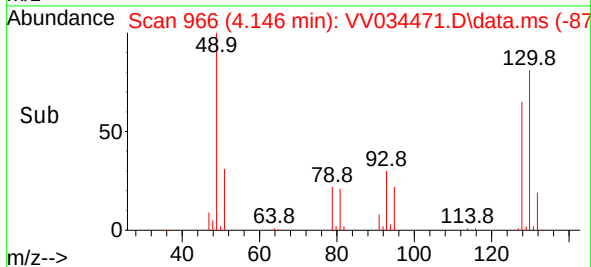
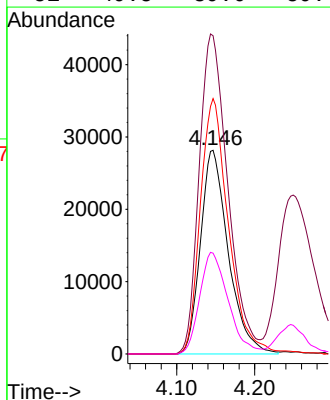
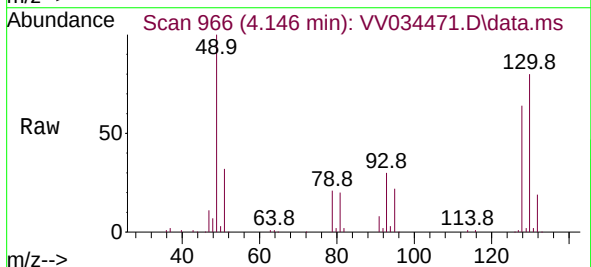
Ion Ratio Lower Upper

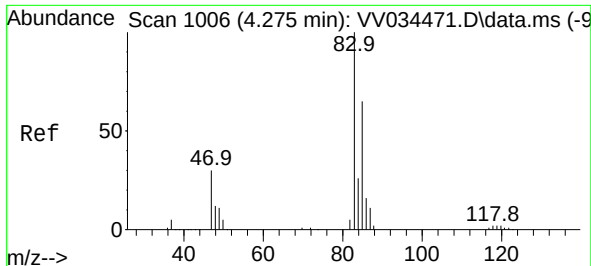
128 100

49 156.3 109.4 203.2

130 125.3 87.7 162.9

51 49.5 39.6 59.4





#25

Chloroform

Concen: 56.280 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

Instrument :

MSVOA_V

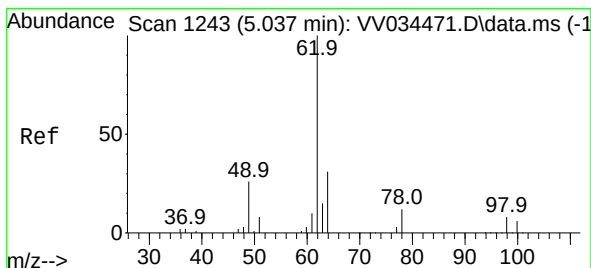
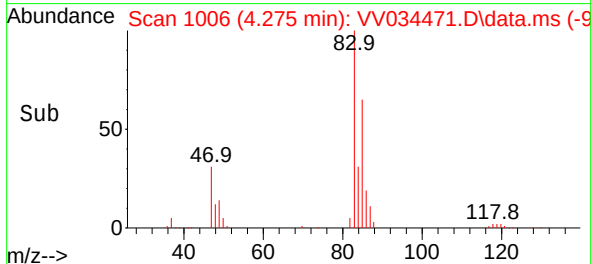
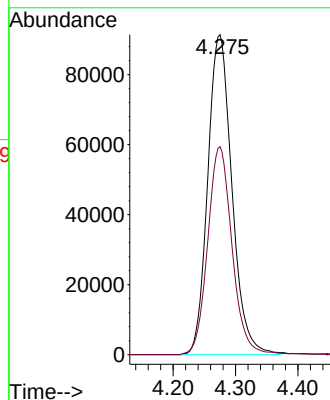
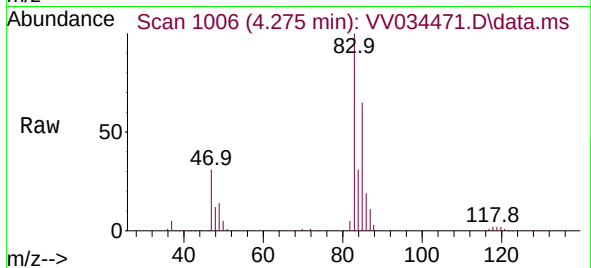
ClientSampleId :

Tgt Ion: 83 Resp: 246406

Ion Ratio Lower Upper

83 100

85 65.0 45.5 84.5



#27

1,2-Dichloroethane

Concen: 55.945 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV034471.D

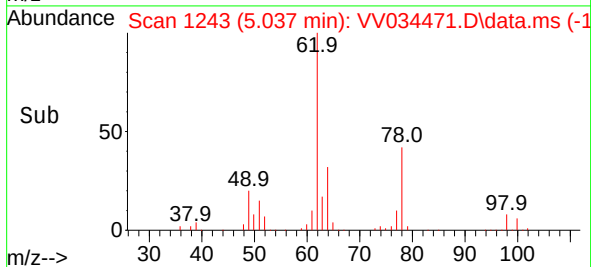
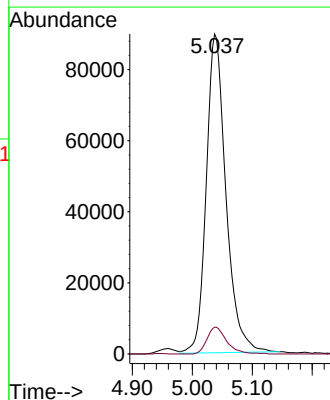
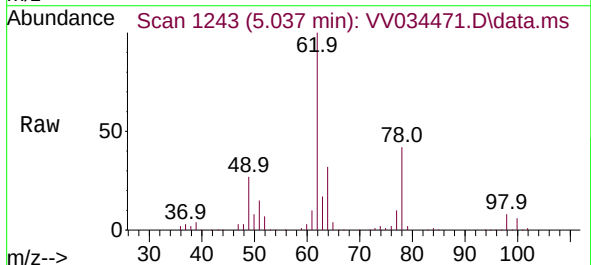
Acq: 29 Feb 2024 09:57

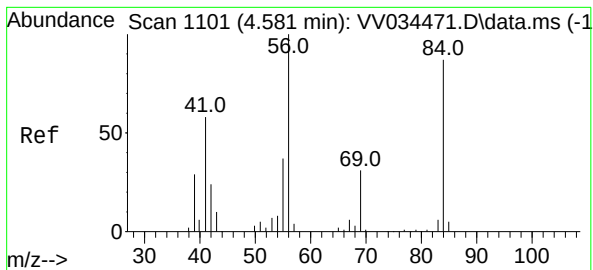
Tgt Ion: 62 Resp: 204463

Ion Ratio Lower Upper

62 100

98 8.3 6.6 10.0





#29

Cyclohexane

Concen: 49.161 ug/L

RT: 4.581 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

Instrument :

MSVOA_V

ClientSampleId :

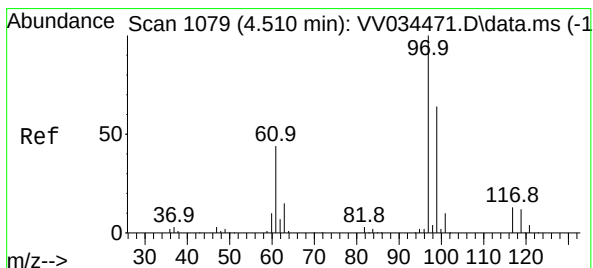
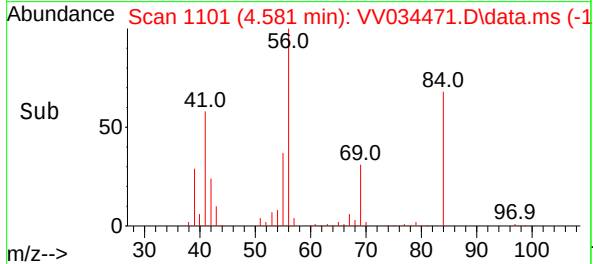
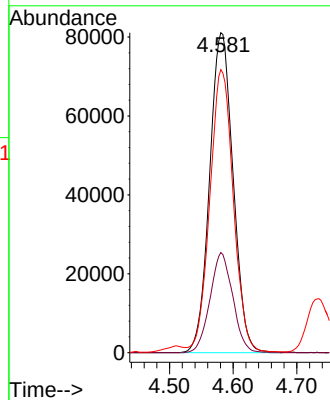
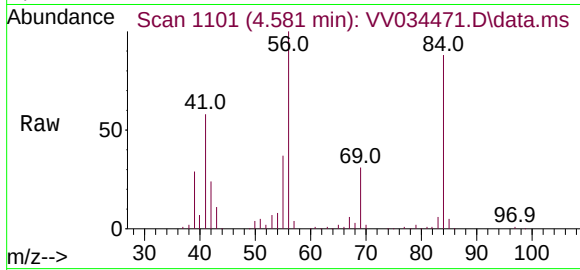
Tgt Ion: 56 Resp: 208159

Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.4

84 88.1 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 59.529 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

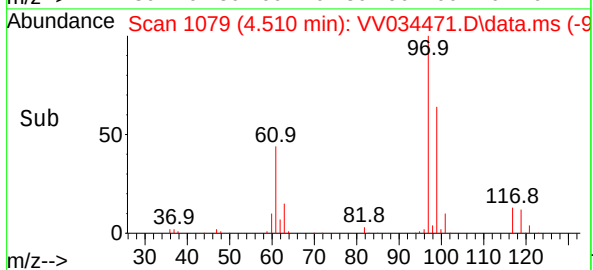
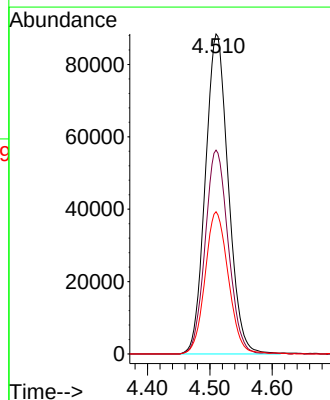
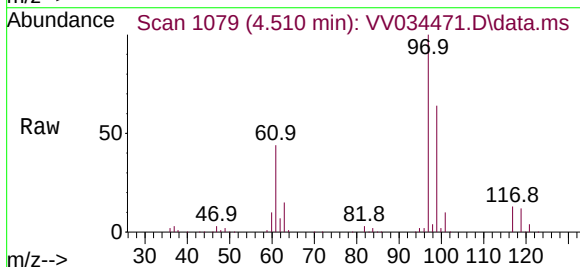
Tgt Ion: 97 Resp: 226121

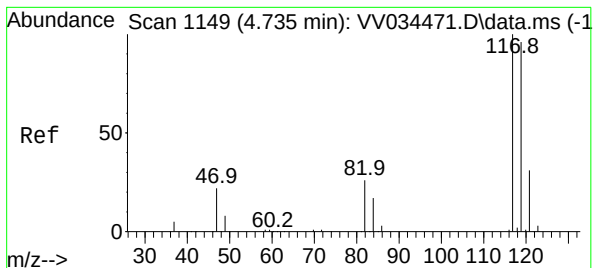
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 45.0 36.0 54.0





#31

Carbon tetrachloride

Concen: 60.631 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

Instrument :

MSVOA_V

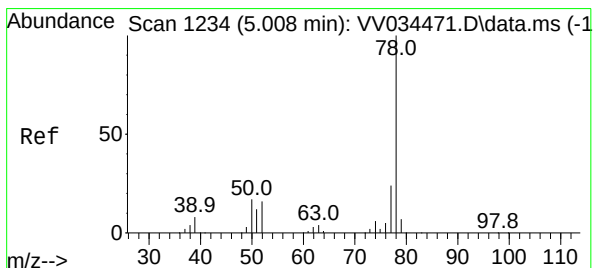
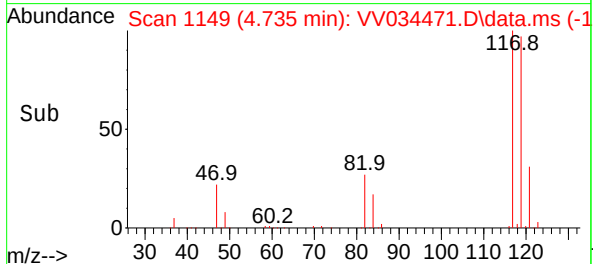
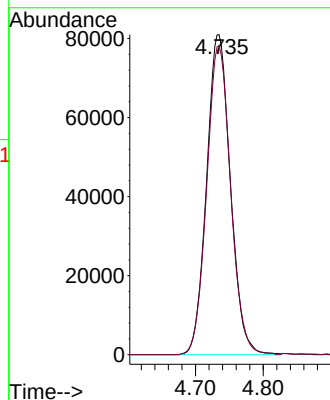
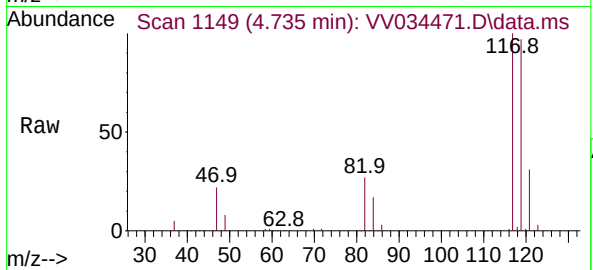
ClientSampleId :

Tgt Ion:117 Resp: 197642

Ion Ratio Lower Upper

117 100

119 96.9 77.5 116.3



#33

Benzene

Concen: 54.567 ug/L

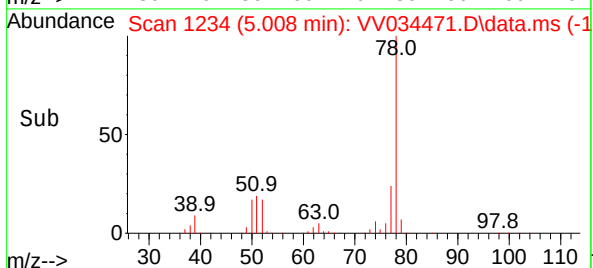
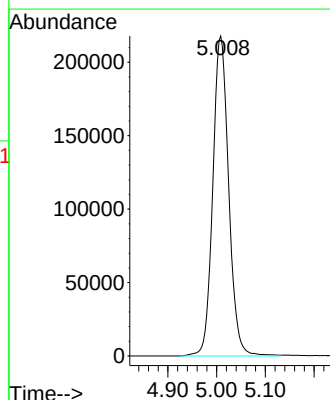
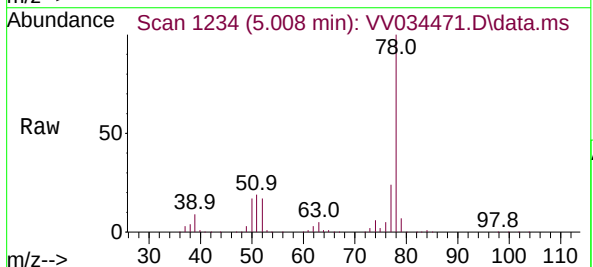
RT: 5.008 min Scan# 1234

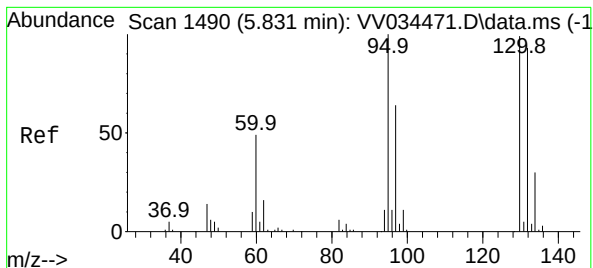
Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

Tgt Ion: 78 Resp: 493034





#34

Trichloroethene

Concen: 55.897 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 136640

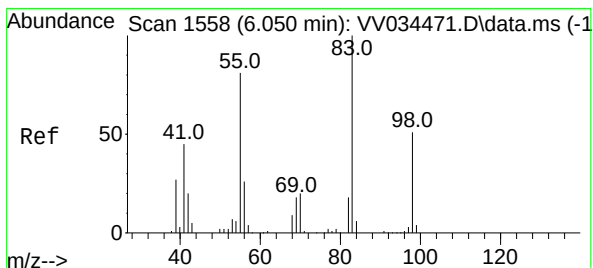
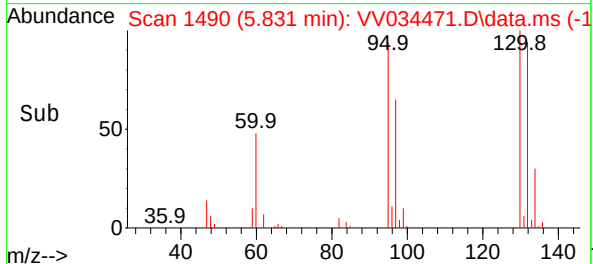
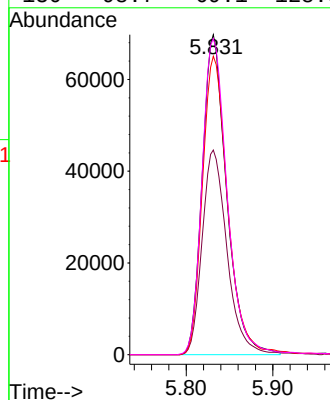
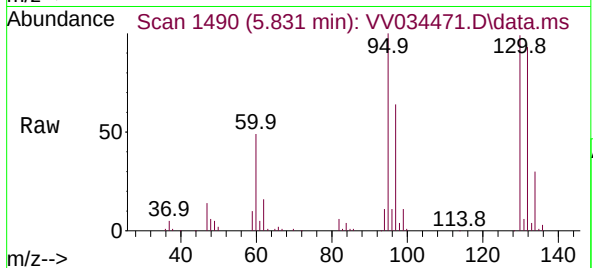
Ion Ratio Lower Upper

95 100

97 63.9 44.7 83.1

132 93.3 65.3 121.3

130 98.7 69.1 128.3



#35

Methylcyclohexane

Concen: 51.886 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

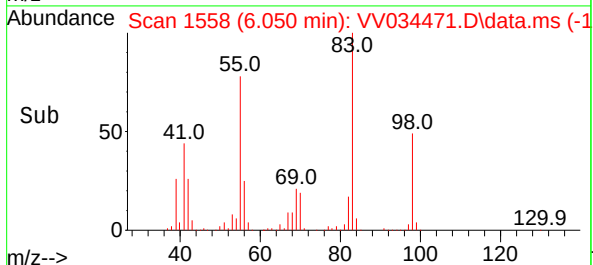
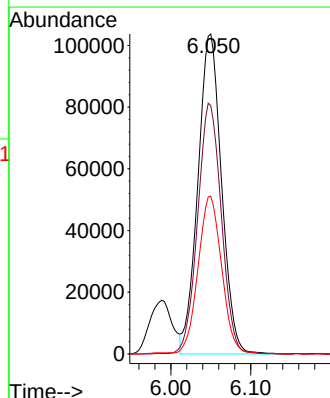
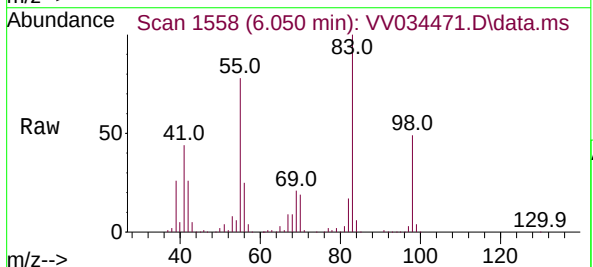
Tgt Ion: 83 Resp: 213287

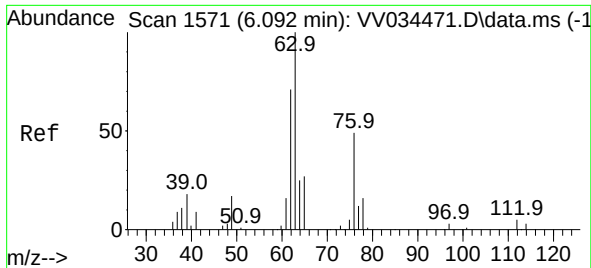
Ion Ratio Lower Upper

83 100

55 78.3 62.6 94.0

98 49.4 39.5 59.3

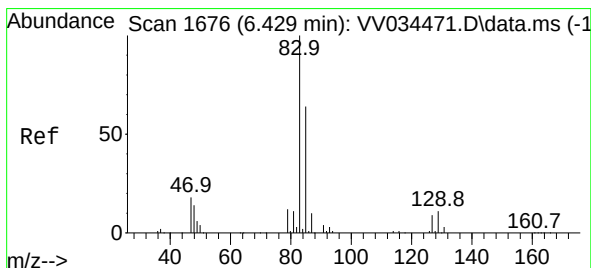
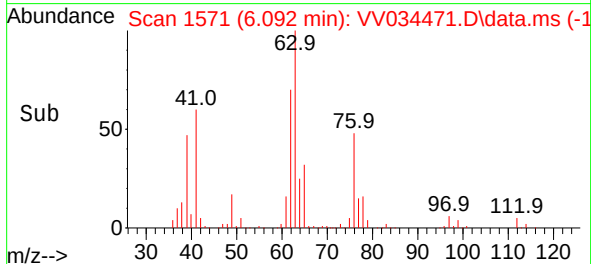
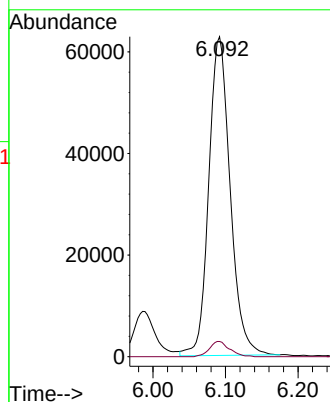
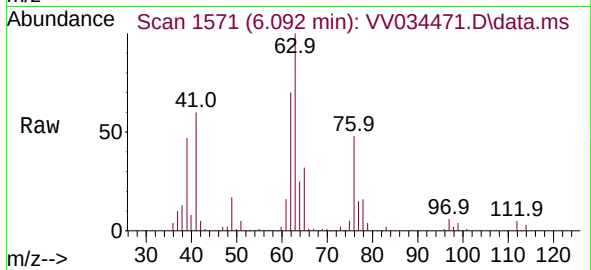




#37
1,2-Dichloropropane
Concen: 52.501 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

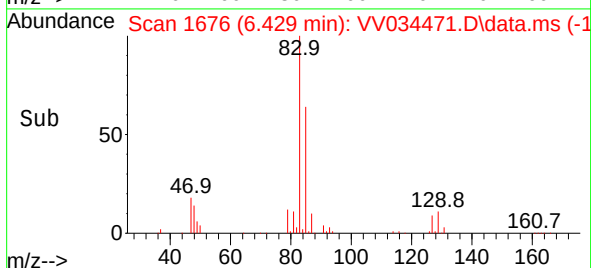
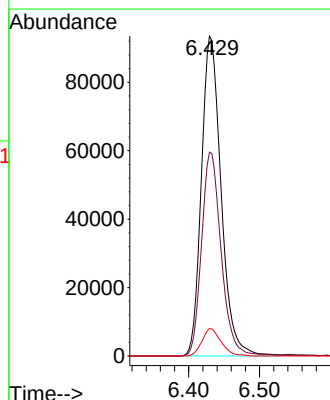
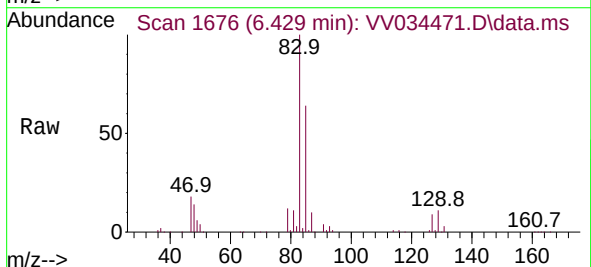
Instrument :
MSVOA_V
ClientSampleId :

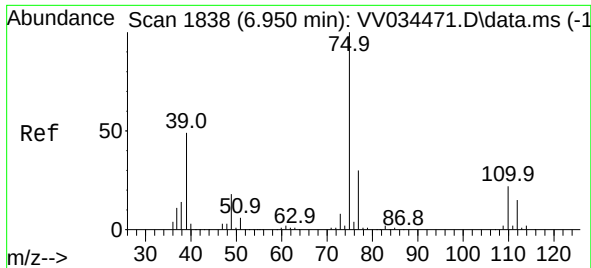
Tgt Ion: 63 Resp: 128716
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3



#38
Bromodichloromethane
Concen: 55.172 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

Tgt Ion: 83 Resp: 180622
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8
127 8.6 6.9 10.3

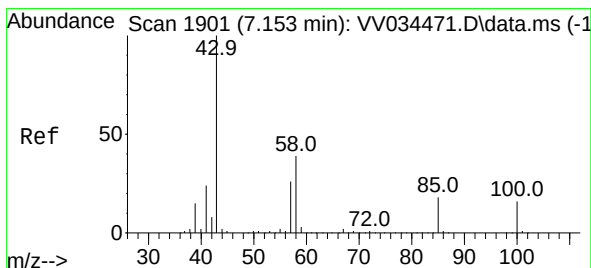
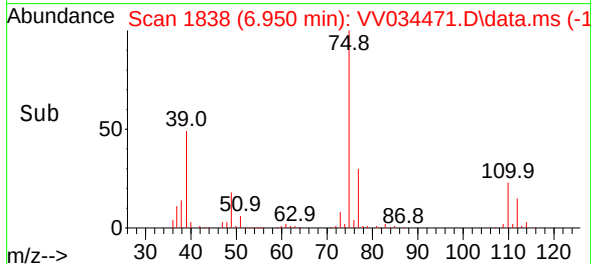
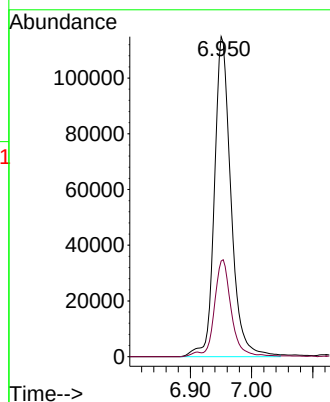
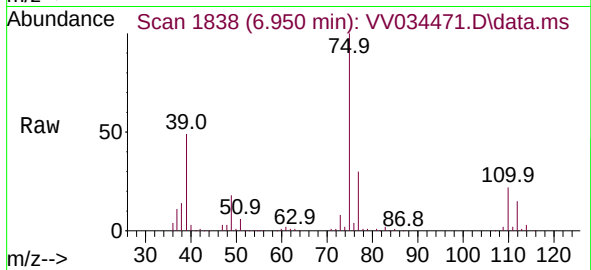




#39
 cis-1,3-Dichloropropene
 Concen: 52.322 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV034471.D
 Acq: 29 Feb 2024 09:57

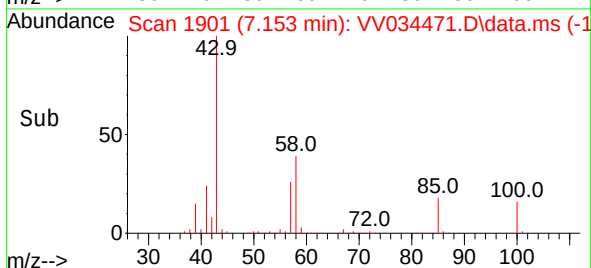
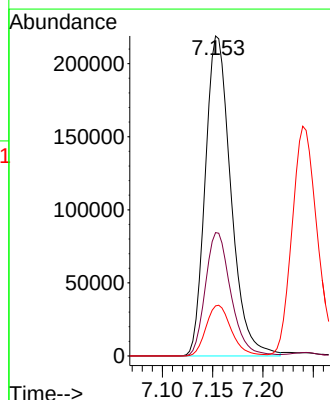
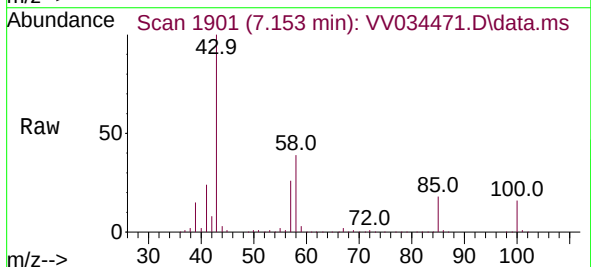
Instrument :
 MSVOA_V
 ClientSampleId :

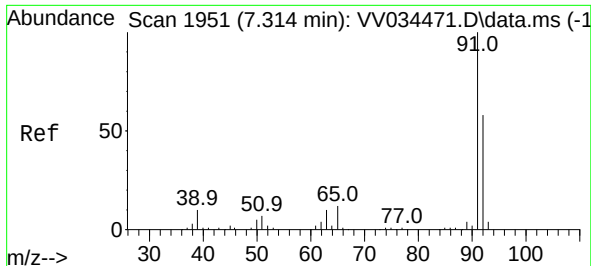
Tgt Ion: 75 Resp: 216533
 Ion Ratio Lower Upper
 75 100
 77 29.9 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 106.533 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VV034471.D
 Acq: 29 Feb 2024 09:57

Tgt Ion: 43 Resp: 388034
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.6 46.0
 100 15.6 12.5 18.7





#42

Toluene

Concen: 54.452 ug/L

RT: 7.314 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

Instrument :

MSVOA_V

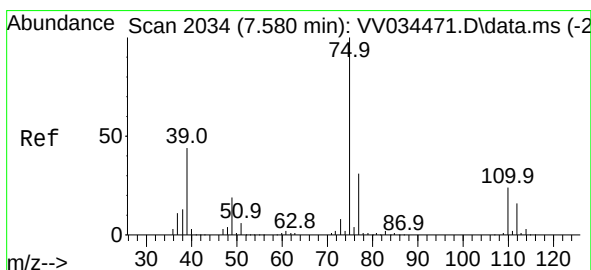
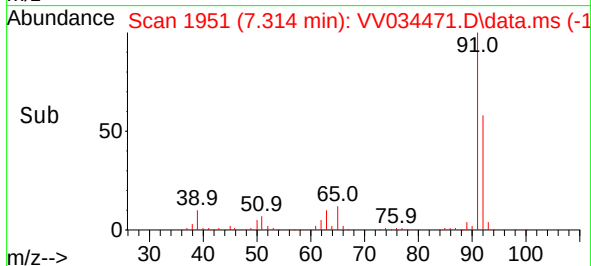
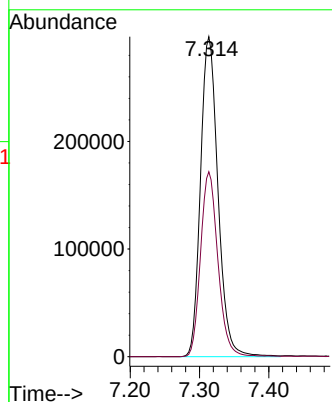
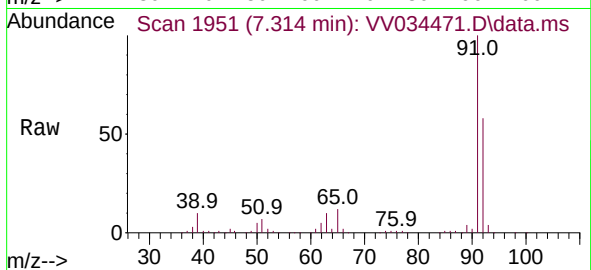
ClientSampleId :

Tgt Ion: 91 Resp: 521122

Ion Ratio Lower Upper

91 100

92 57.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 54.211 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV034471.D

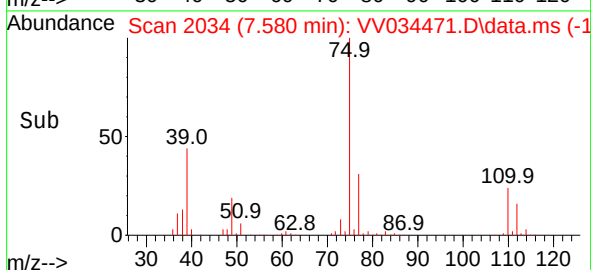
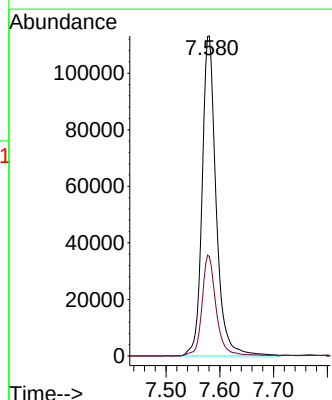
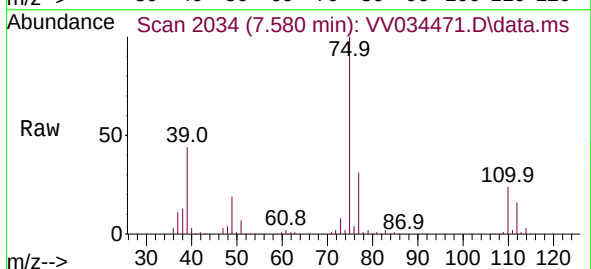
Acq: 29 Feb 2024 09:57

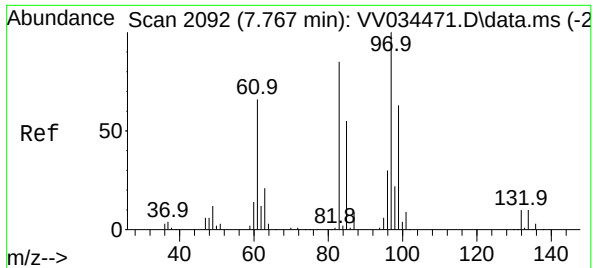
Tgt Ion: 75 Resp: 205617

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4

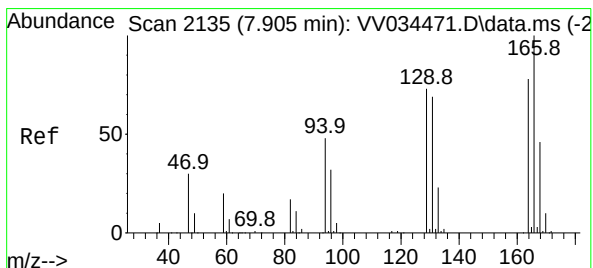
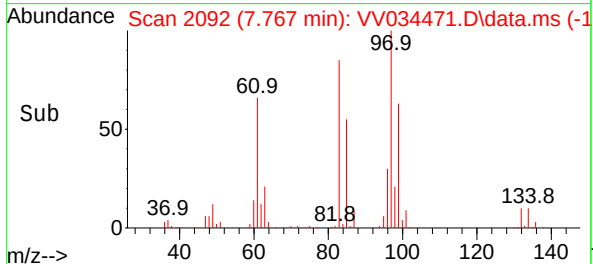
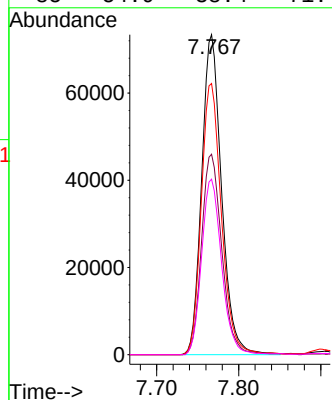
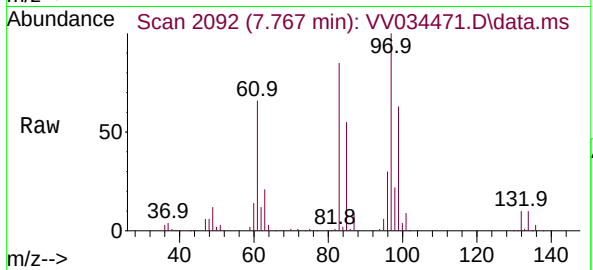




#45
1,1,2-Trichloroethane
Concen: 54.823 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

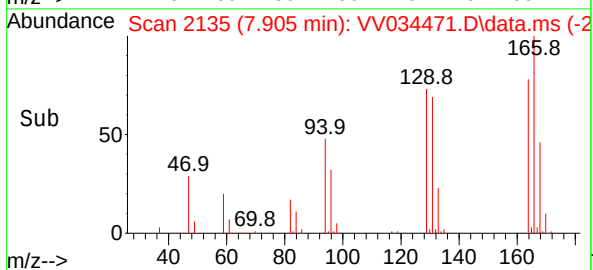
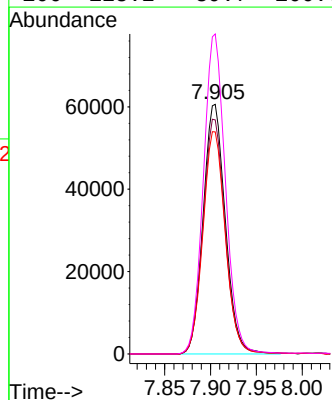
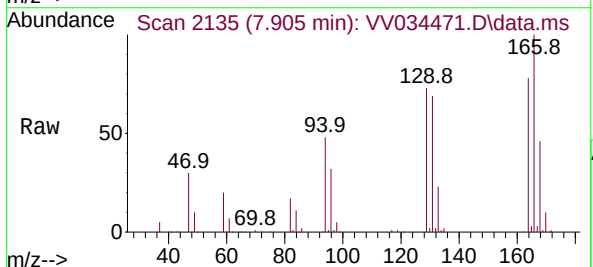
Instrument :
MSVOA_V
ClientSampleId :

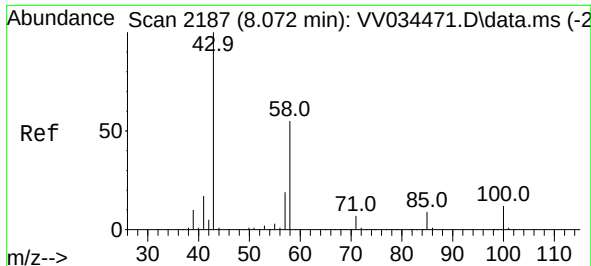
Tgt Ion:	97	Resp:	123616
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.8	81.4
83	84.8	59.4	110.2
85	54.9	38.4	71.4



#46
Tetrachloroethene
Concen: 56.560 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

Tgt Ion:	164	Resp:	102023
Ion	Ratio	Lower	Upper
164	100		
129	93.8	65.7	121.9
131	88.9	62.2	115.6
166	128.2	89.7	166.7



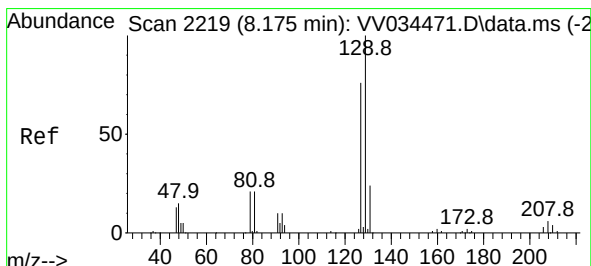
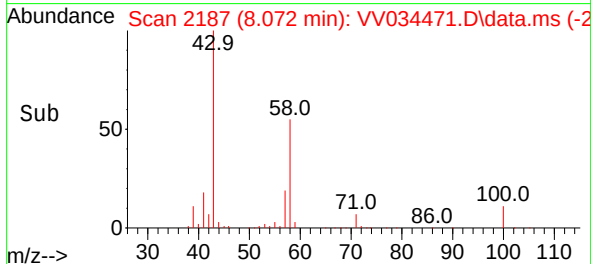
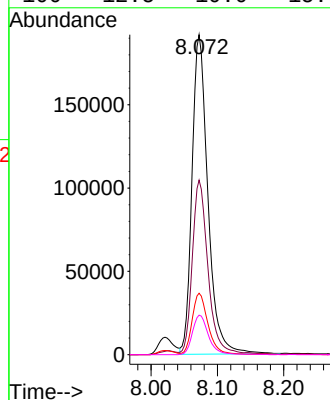
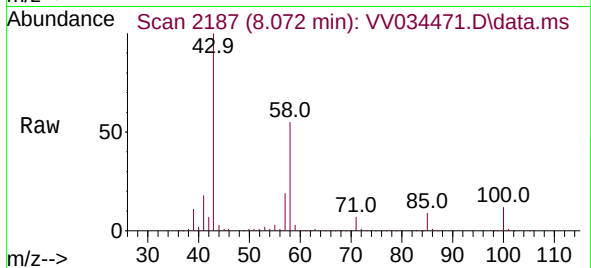


#48
2-Hexanone
Concen: 109.459 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 318956

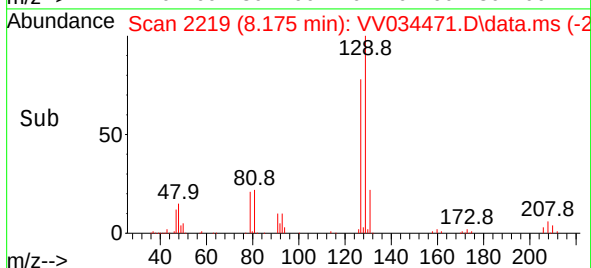
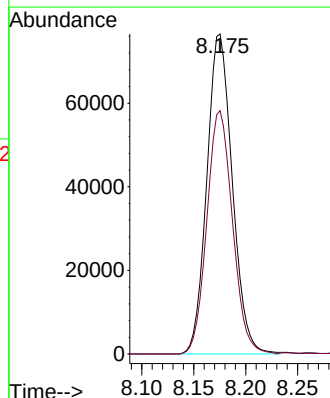
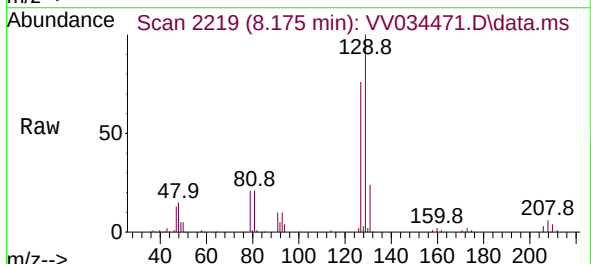
Ion	Ratio	Lower	Upper
43	100		
58	52.5	42.0	63.0
57	19.0	15.2	22.8
100	12.5	10.0	15.0

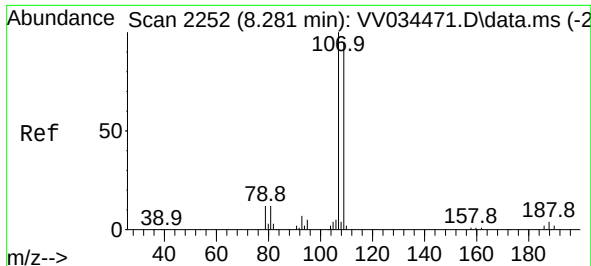


#49
Dibromochloromethane
Concen: 55.146 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

Tgt Ion: 129 Resp: 130576

Ion	Ratio	Lower	Upper
129	100		
127	76.1	53.3	98.9

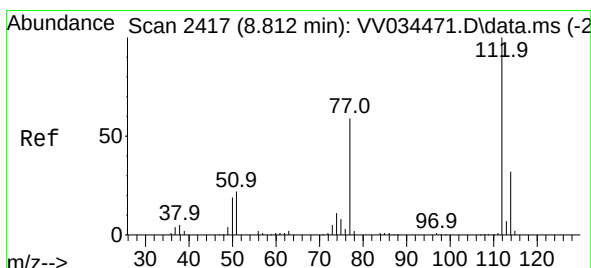
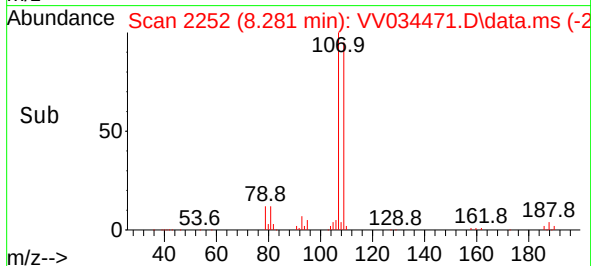
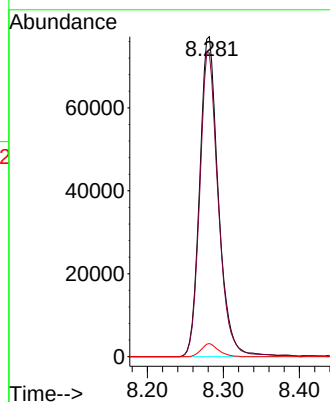
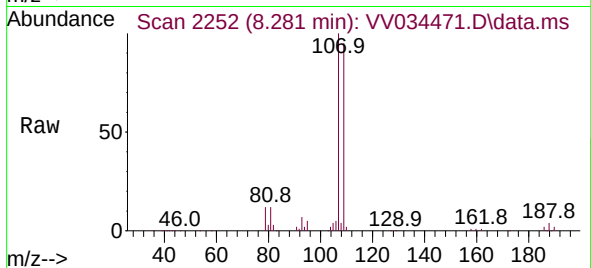




#50
1,2-Dibromoethane
Concen: 55.265 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

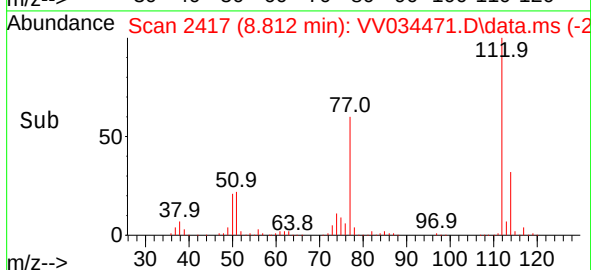
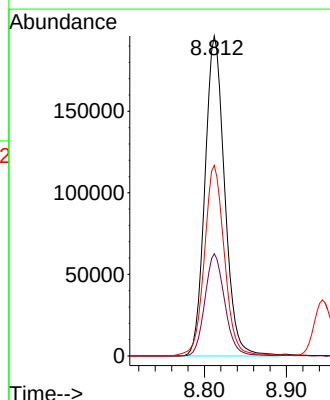
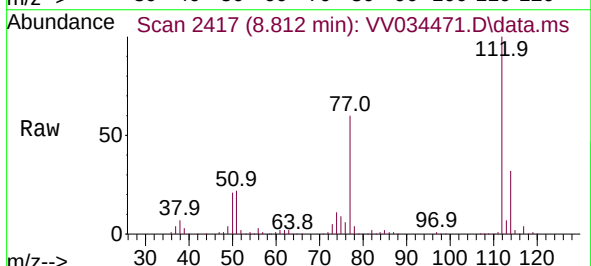
Instrument :
MSVOA_V
ClientSampleId :

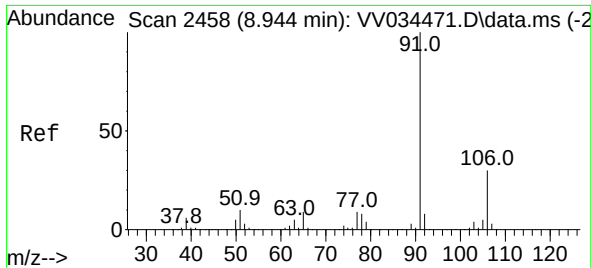
Tgt Ion:107 Resp: 132033
Ion Ratio Lower Upper
107 100
109 95.0 66.5 123.5
188 4.3 3.4 5.2



#51
Chlorobenzene
Concen: 53.986 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

Tgt Ion:112 Resp: 327835
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.5
77 59.6 47.7 71.5

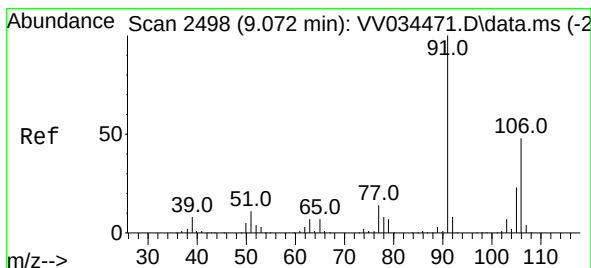
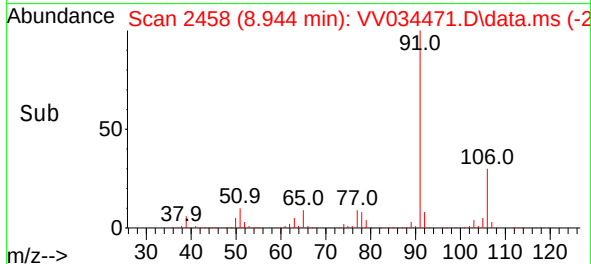
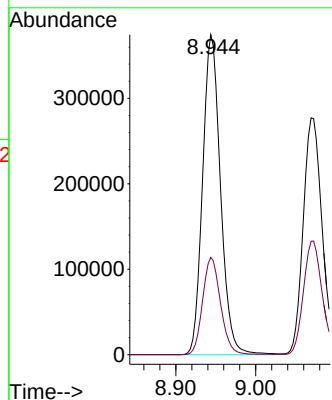
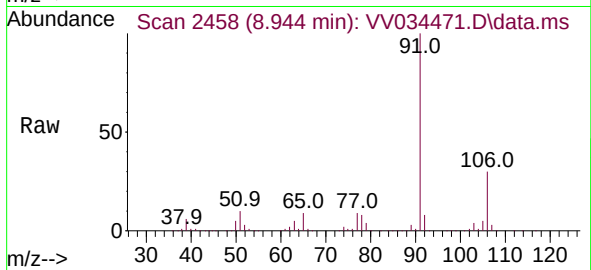




#52
Ethylbenzene
Concen: 52.986 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

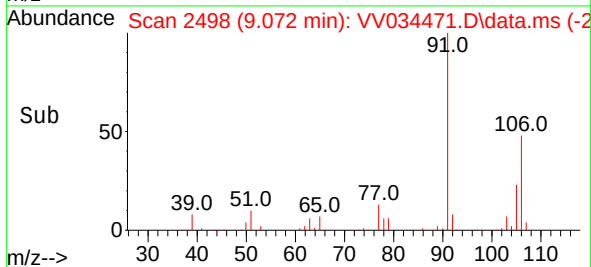
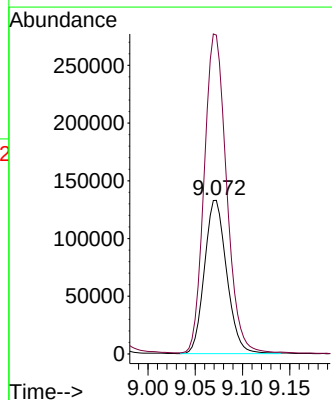
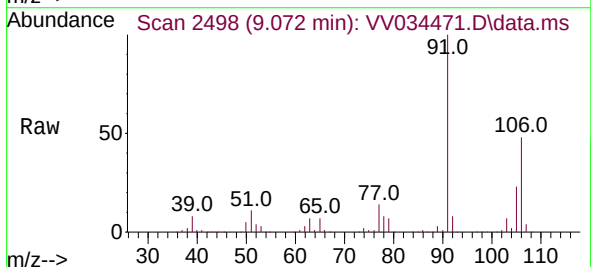
Instrument :
MSVOA_V
ClientSampleId :

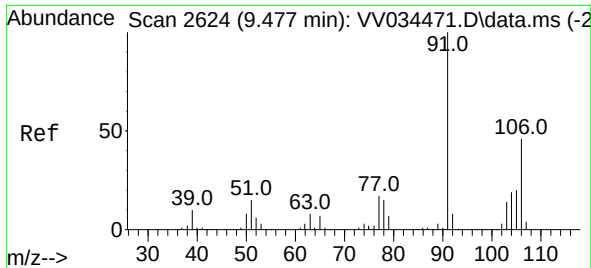
Tgt Ion: 91 Resp: 583533
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 53.548 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

Tgt Ion: 106 Resp: 217329
Ion Ratio Lower Upper
106 100
91 207.6 145.3 269.9

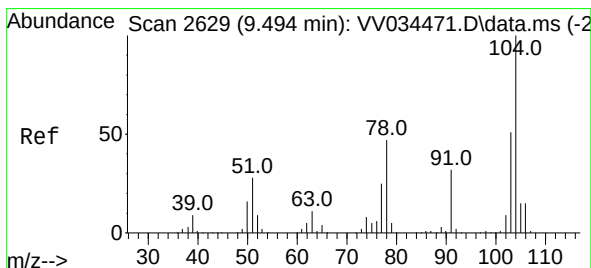
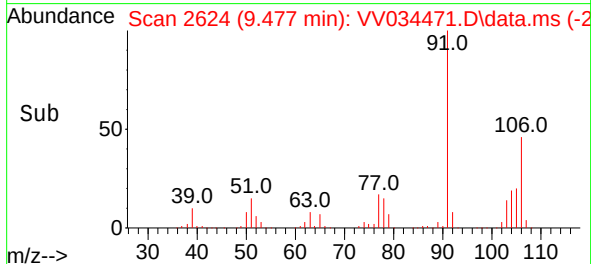
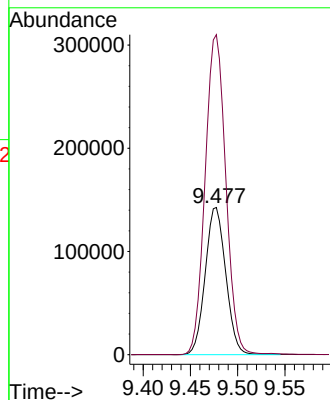
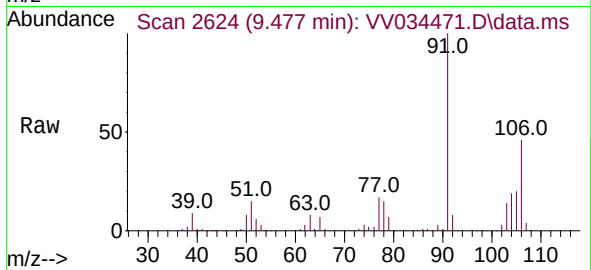




#54
o-Xylene
Concen: 53.501 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

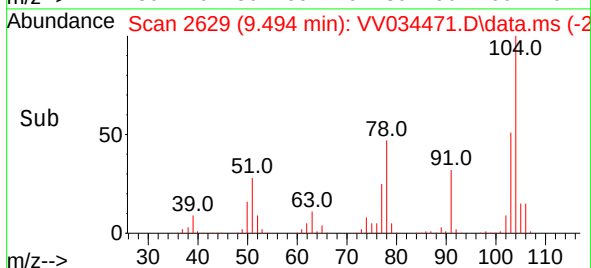
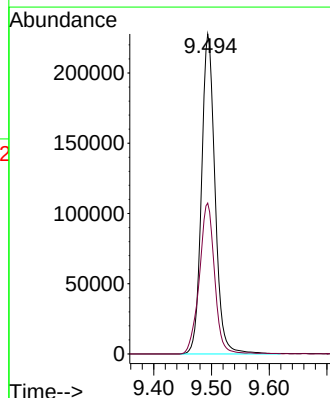
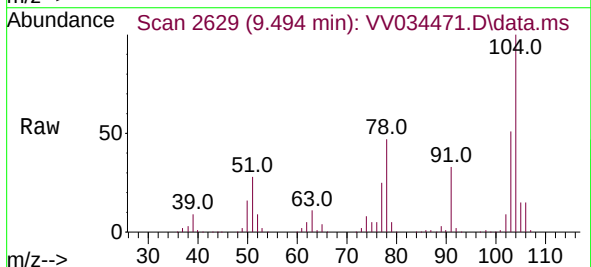
Instrument :
MSVOA_V
ClientSampleId :

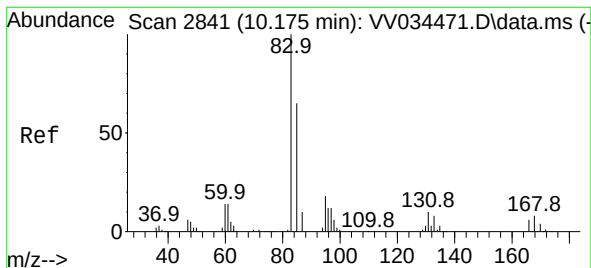
Tgt Ion:106 Resp: 215790
Ion Ratio Lower Upper
106 100
91 217.5 152.2 282.7



#55
Styrene
Concen: 53.525 ug/L
RT: 9.494 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

Tgt Ion:104 Resp: 371581
Ion Ratio Lower Upper
104 100
78 47.2 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 51.740 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

Instrument :

MSVOA_V

ClientSampleId :

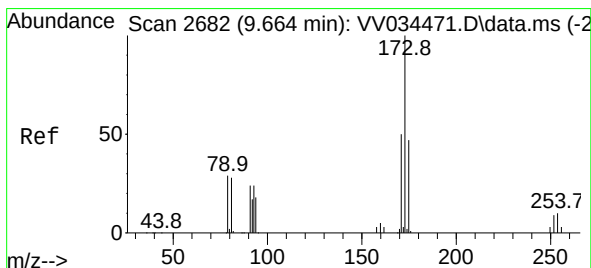
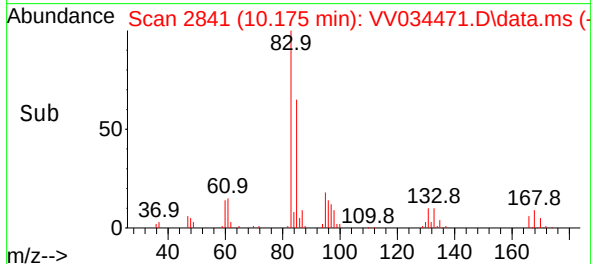
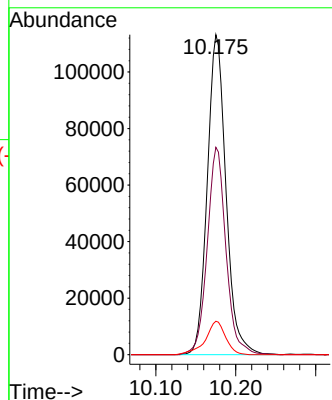
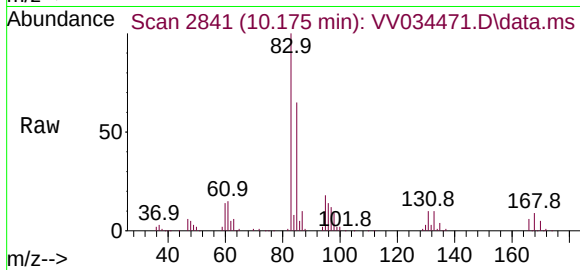
Tgt Ion: 83 Resp: 184036

Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.2

131 10.4 8.3 12.5



#59

Bromoform

Concen: 53.879 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

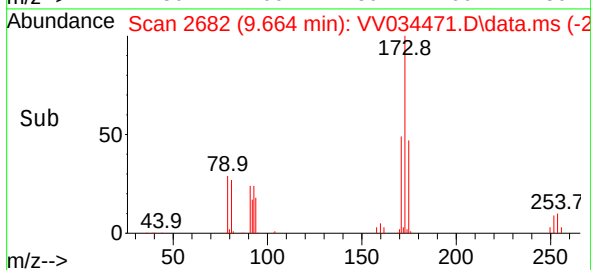
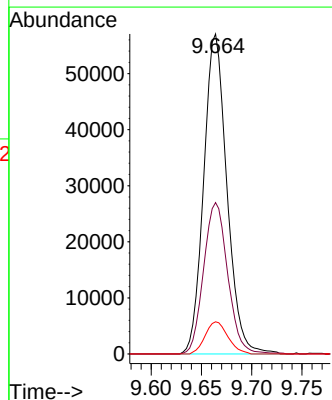
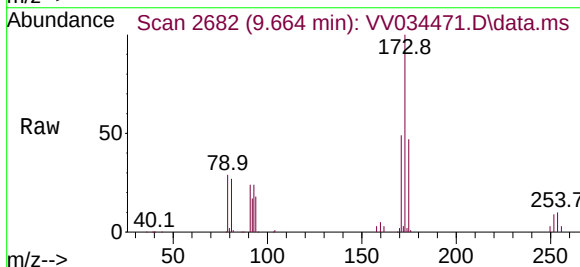
Tgt Ion: 173 Resp: 91835

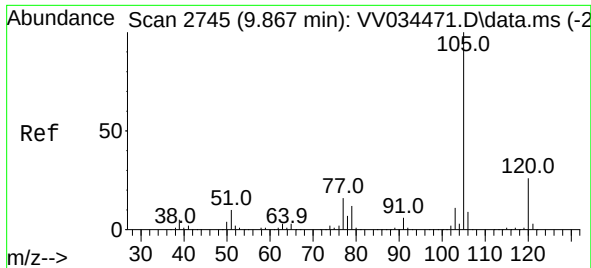
Ion Ratio Lower Upper

173 100

175 48.9 39.1 58.7

254 9.8 7.8 11.8

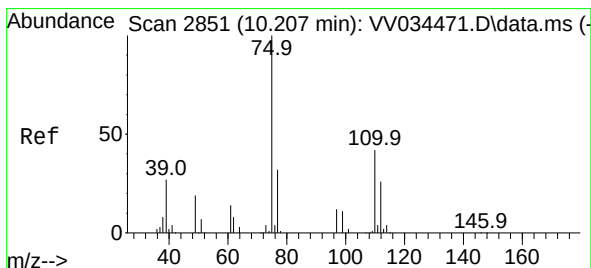
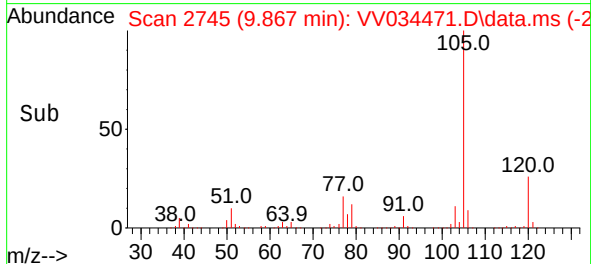
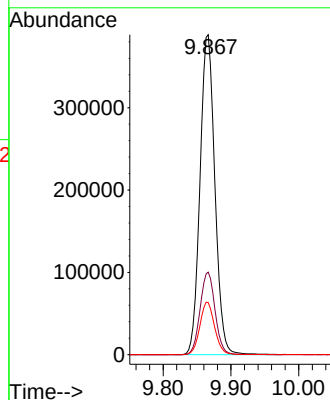
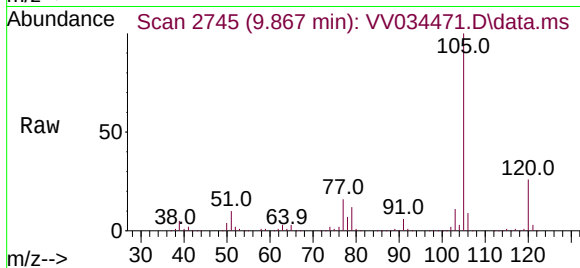




#60
Isopropylbenzene
Concen: 54.260 ug/L
RT: 9.867 min Scan# 2745
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

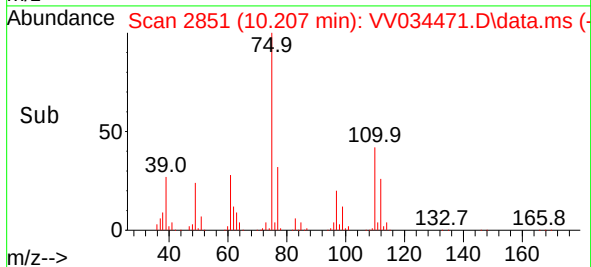
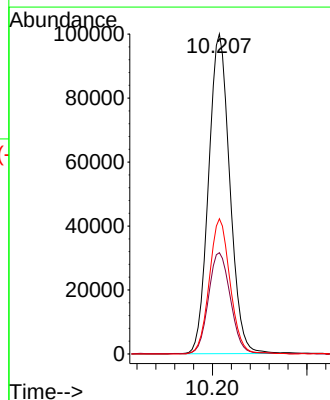
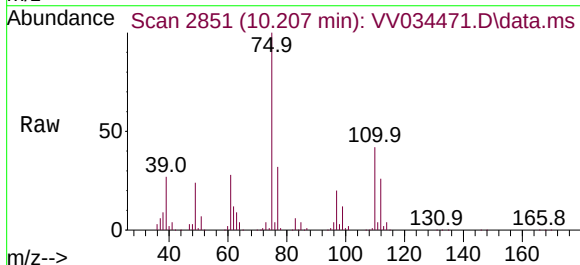
Instrument :
MSVOA_V
ClientSampleId :

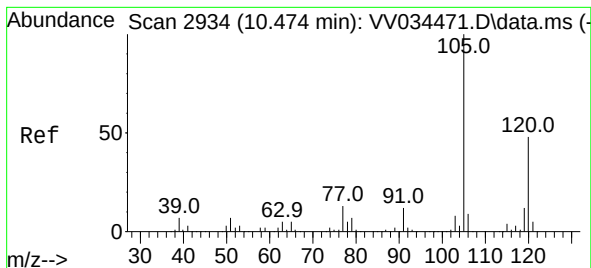
Tgt Ion:105 Resp: 591476
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 54.426 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV034471.D
Acq: 29 Feb 2024 09:57

Tgt Ion: 75 Resp: 155754
Ion Ratio Lower Upper
75 100
77 32.4 25.9 38.9
110 41.4 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 53.667 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

Instrument :

MSVOA_V

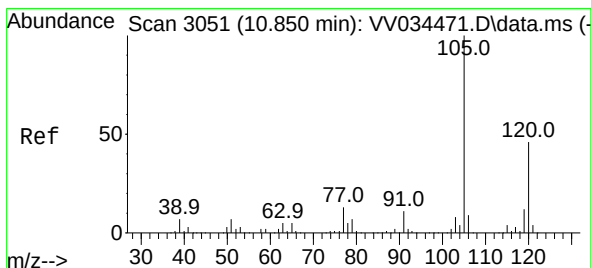
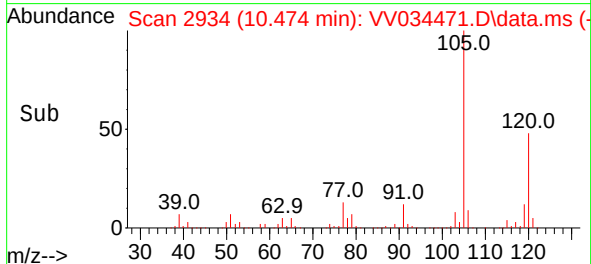
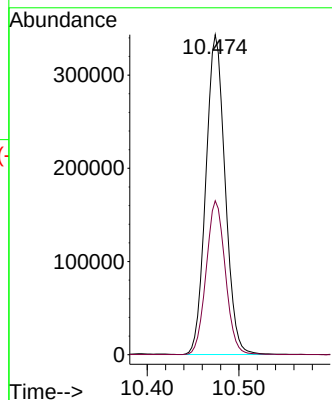
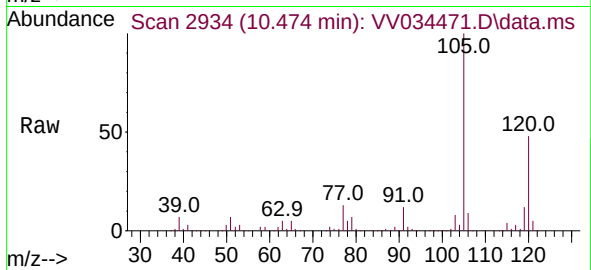
ClientSampleId :

Tgt Ion:105 Resp: 501804

Ion Ratio Lower Upper

105 100

120 47.7 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 53.384 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034471.D

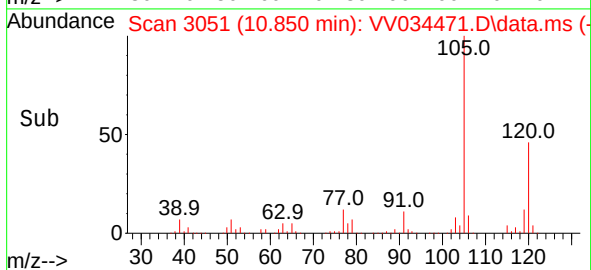
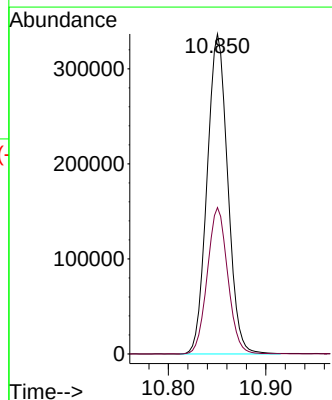
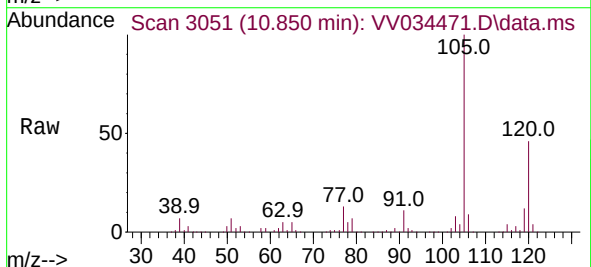
Acq: 29 Feb 2024 09:57

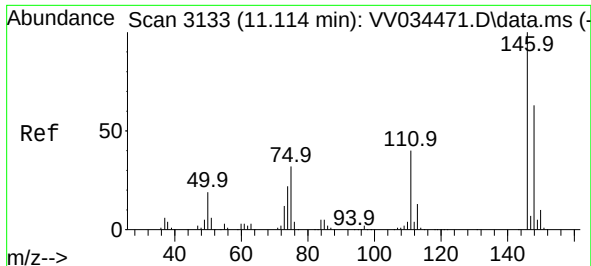
Tgt Ion:105 Resp: 494997

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 54.114 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

Instrument :

MSVOA_V

ClientSampleId :

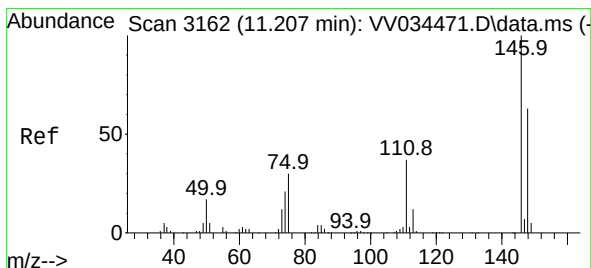
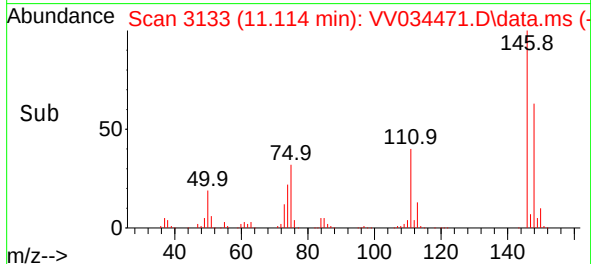
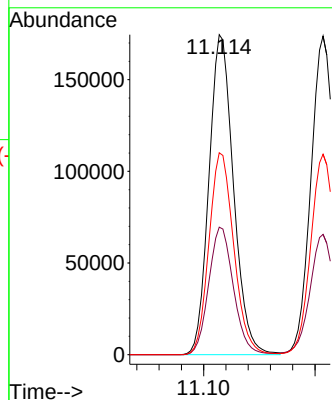
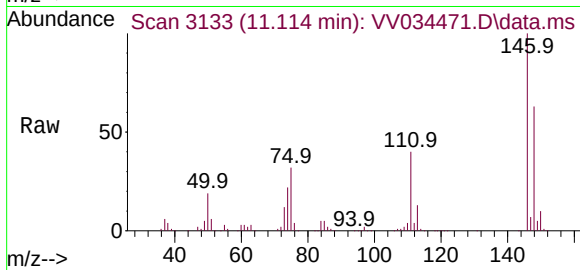
Tgt Ion:146 Resp: 267250

Ion Ratio Lower Upper

146 100

111 39.8 27.9 51.7

148 63.1 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 53.828 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

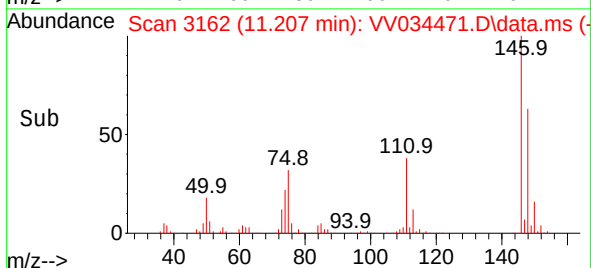
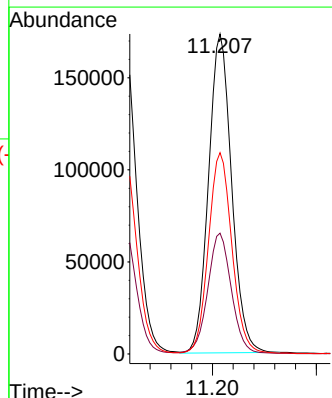
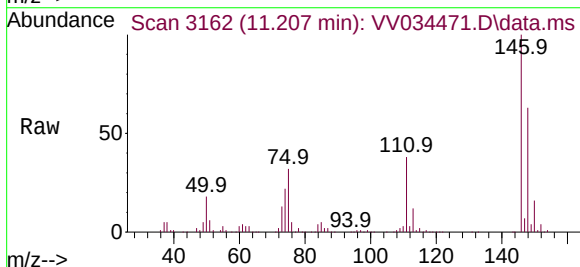
Tgt Ion:146 Resp: 266565

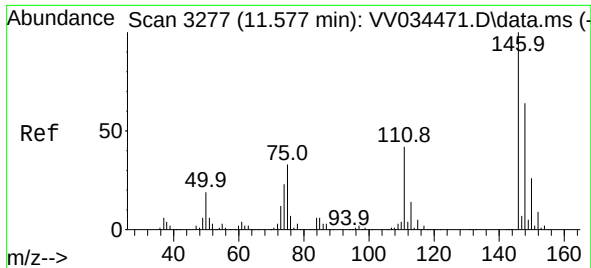
Ion Ratio Lower Upper

146 100

111 37.8 26.5 49.1

148 62.9 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 54.610 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

Instrument :

MSVOA_V

ClientSampleId :

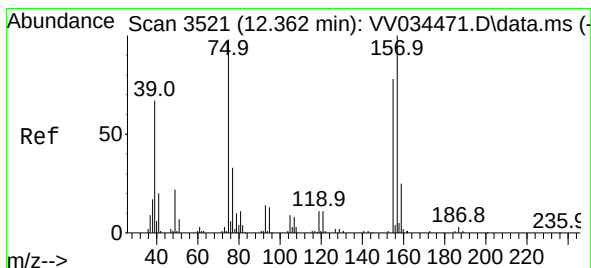
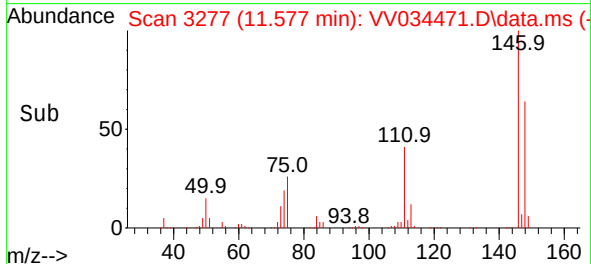
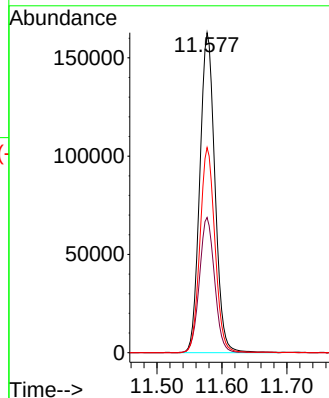
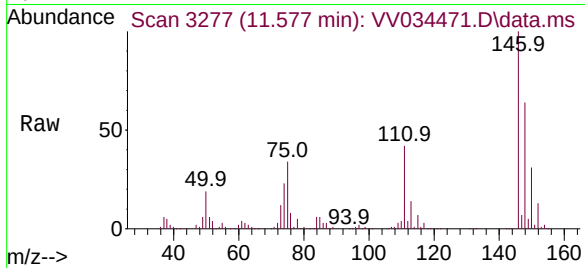
Tgt Ion:146 Resp: 264194

Ion Ratio Lower Upper

146 100

111 42.3 33.8 50.8

148 64.1 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 57.211 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

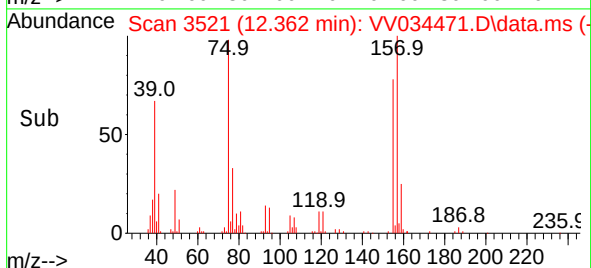
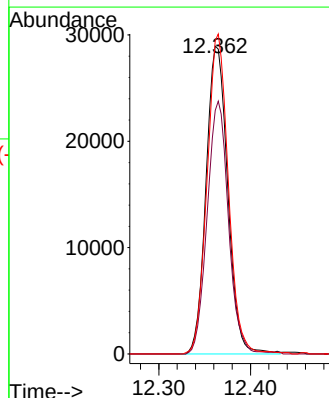
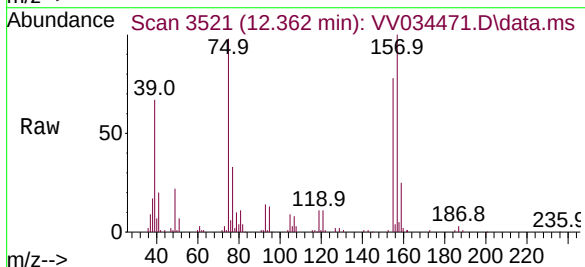
Tgt Ion: 75 Resp: 47530

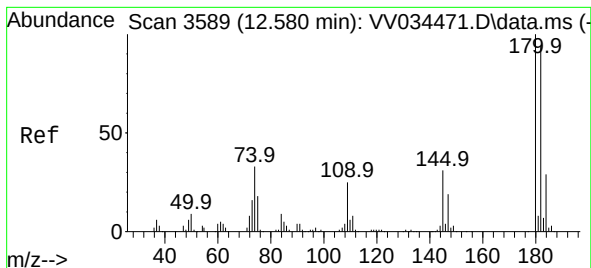
Ion Ratio Lower Upper

75 100

155 79.1 63.3 94.9

157 101.7 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 55.194 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

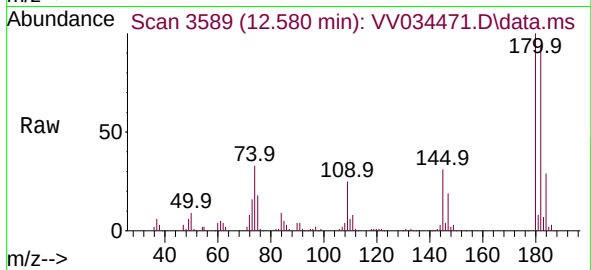
Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 201966

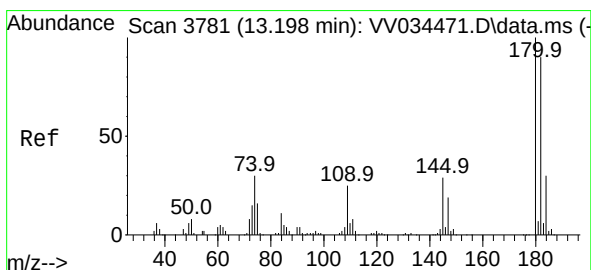
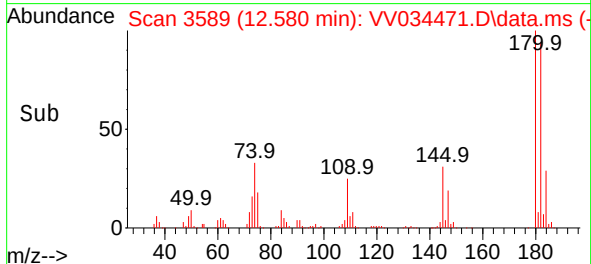
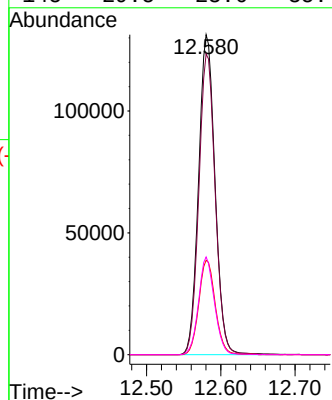
Ion Ratio Lower Upper

180 100

182 93.3 74.6 112.0

184 29.5 23.6 35.4

145 29.5 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 55.311 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

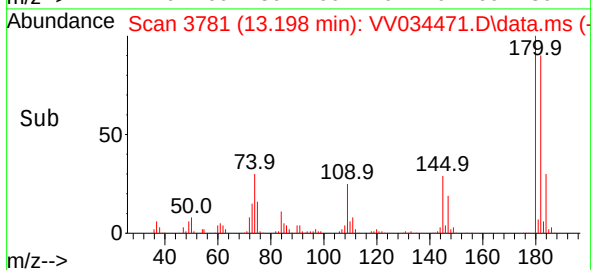
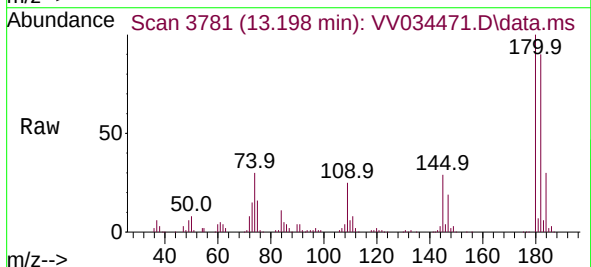
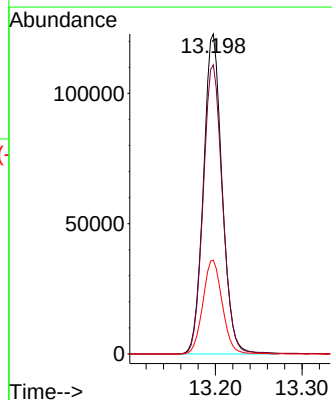
Tgt Ion:180 Resp: 184124

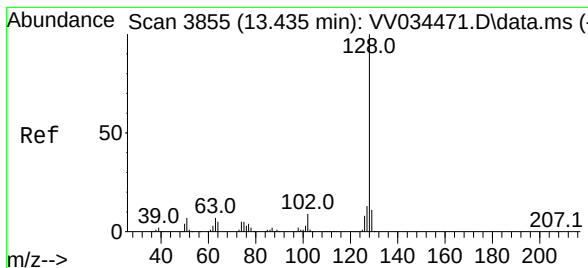
Ion Ratio Lower Upper

180 100

182 93.5 74.8 112.2

145 30.3 24.2 36.4





#71

Naphthalene

Concen: 59.105 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

Instrument :

MSVOA_V

ClientSampleId :

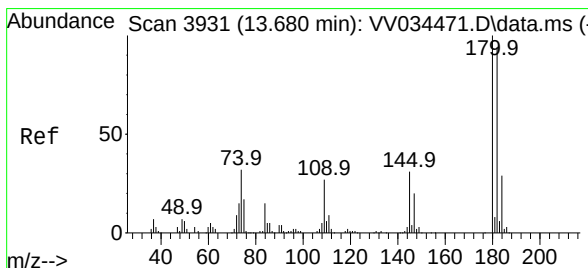
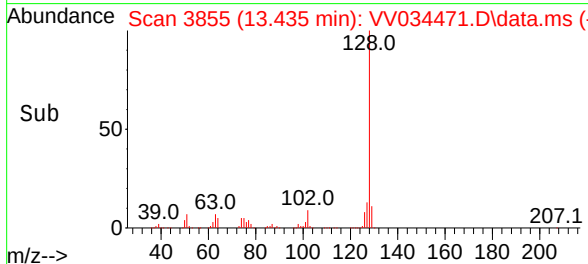
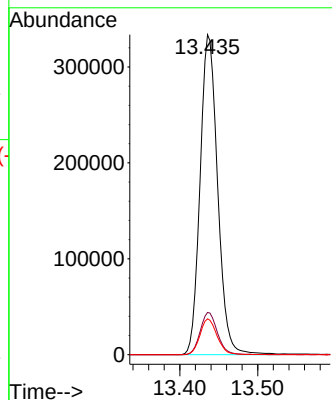
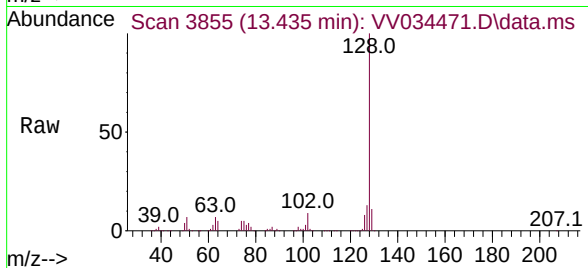
Tgt Ion:128 Resp: 521710

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 58.809 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034471.D

Acq: 29 Feb 2024 09:57

Tgt Ion:180 Resp: 184827

Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 31.9 25.5 38.3

