

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050124\
 Data File : VV035488.D
 Acq On : 01 May 2024 11:20
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 02 00:47:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 00:45:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	533067	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	527186	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	295541	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	421386	99.084	ug/L	0.00
7) Chloroethane-d5	1.529	69	291935	115.009	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	176018	100.188	ug/L	0.00
21) 2-Butanone-d5	3.790	46	614361	262.561	ug/L	0.00
24) Chloroform-d	4.243	84	777443	106.255	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	461189	108.128	ug/L	0.00
32) Benzene-d6	4.953	84	1563579	111.149	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	484262	110.908	ug/L	0.00
41) Toluene-d8	7.240	98	1473916	116.013	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	243653	118.786	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	505136	349.719	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	750854	118.747	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	594618	111.567	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	348801	90.667	ug/L	100
3) Chloromethane	1.214	50	375275	95.167	ug/L	99
5) Vinyl chloride	1.282	62	405811	97.528	ug/L	98
6) Bromomethane	1.487	94	251925	101.528	ug/L	100
8) Chloroethane	1.545	64	212374	109.857	ug/L	99
9) Trichlorofluoromethane	1.706	101	536109	95.304	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	341958	96.767	ug/L	99
12) 1,1-Dichloroethene	2.063	96	307006	97.670	ug/L	96
13) Acetone	2.127	43	484210	186.792	ug/L	99
14) Carbon disulfide	2.233	76	804491	93.326	ug/L	99
15) Methyl Acetate	2.375	43	426886	105.703	ug/L	99
16) Methylene chloride	2.442	84	384559	96.536	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	335138	99.569	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	1216559	106.570	ug/L	100
19) 1,1-Dichloroethane	3.105	63	684908	97.900	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	405737	106.049	ug/L	98
22) 2-Butanone	3.870	43	638357	218.101	ug/L	100
23) Bromochloromethane	4.140	128	213558	100.172	ug/L	97
25) Chloroform	4.272	83	716563	98.968	ug/L	99
27) 1,2-Dichloroethane	5.034	62	523580	99.055	ug/L	100
29) Cyclohexane	4.577	56	506347	106.062	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	601937	100.474	ug/L	99
31) Carbon tetrachloride	4.728	117	519459	99.251	ug/L	99
33) Benzene	5.005	78	1454744	103.048	ug/L	100
34) Trichloroethene	5.828	95	383639	100.969	ug/L	99
35) Methylcyclohexane	6.047	83	574861	105.230	ug/L	100
37) 1,2-Dichloropropane	6.088	63	402859	102.435	ug/L	99
38) Bromodichloromethane	6.429	83	546609	102.750	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	678425	114.743	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	1156870	241.022	ug/L	99
42) Toluene	7.310	91	1566402	106.314	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	633664	112.724	ug/L	100

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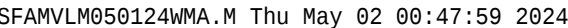
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 MSVOA_V
 ClientSampleId :

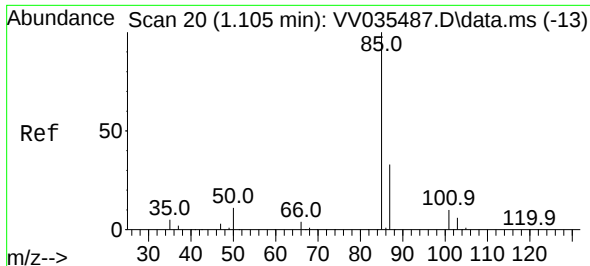
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 Quant Title : VOC Analysis
 QLast Update : Thu May 02 00:45:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	423660	102.463	ug/L	99
46) Tetrachloroethene	7.902	164	303248	101.555	ug/L	99
48) 2-Hexanone	8.076	43	921704	227.379	ug/L	99
49) Dibromochloromethane	8.172	129	451033	106.500	ug/L	100
50) 1,2-Dibromoethane	8.278	107	444542	105.623	ug/L	98
51) Chlorobenzene	8.812	112	1053077	101.462	ug/L	100
52) Ethylbenzene	8.944	91	1759658	109.507	ug/L	99
53) m,p-Xylene	9.069	106	666093	109.772	ug/L	99
54) o-Xylene	9.474	106	669078	112.128	ug/L	100
55) Styrene	9.493	104	1193291	116.051	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	738540	108.697	ug/L	99
59) Bromoform	9.664	173	386152	107.140	ug/L	100
60) Isopropylbenzene	9.863	105	1801417	105.861	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	570245	101.112	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	1496308	109.598	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	1517278	113.294	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	889314	101.471	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	912242	98.992	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	924131	102.729	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	163405	121.120	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	682493	108.082	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	596151	116.819	ug/L	99
71) Naphthalene	13.435	128	1714170	145.026	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	604986	120.387	ug/L	99

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

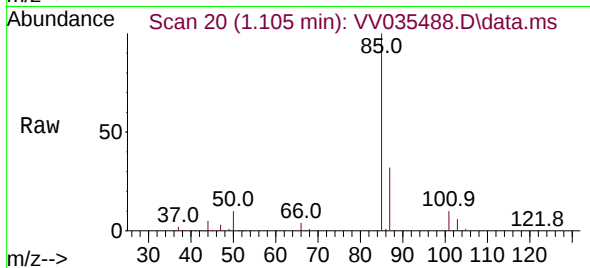
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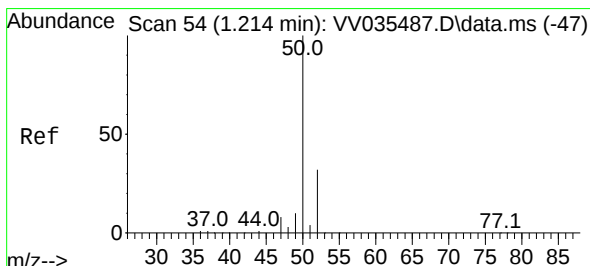
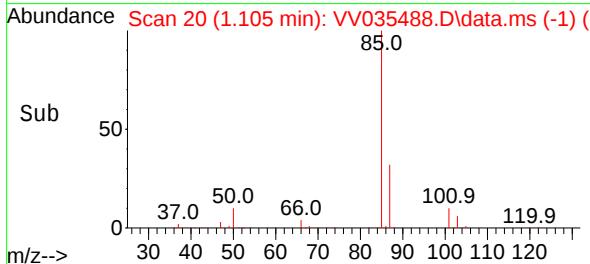
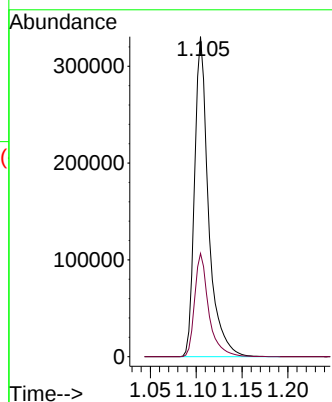


#2
 Dichlorodifluoromethane
 Concen: 90.667 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035488.D
 Acq: 01 May 2024 11:20

Instrument :
 MSVOA_V
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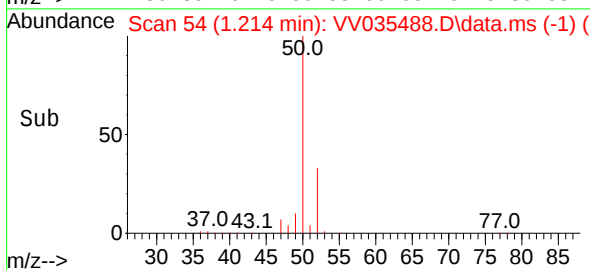
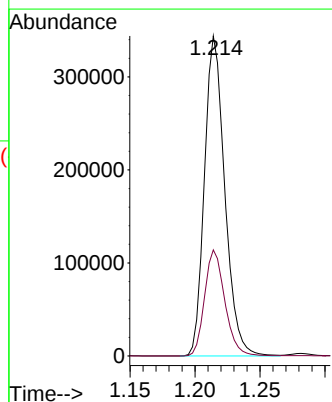
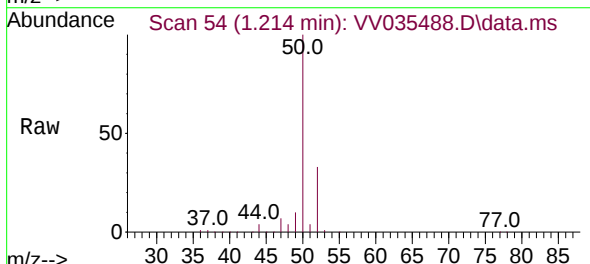


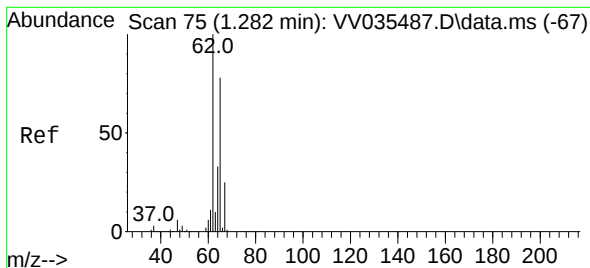
Tgt Ion: 85 Resp: 348801
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.8



#3
 Chloromethane
 Concen: 95.167 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035488.D
 Acq: 01 May 2024 11:20

Tgt Ion: 50 Resp: 375275
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.6 42.0





#5

Vinyl chloride

Concen: 97.528 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

Instrument :

MSVOA_V

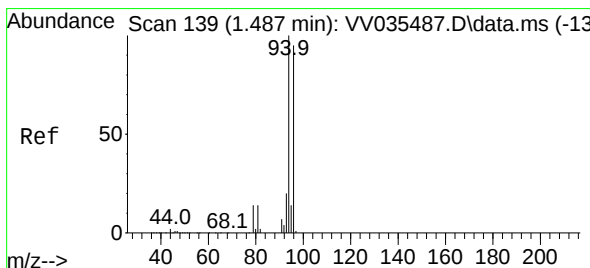
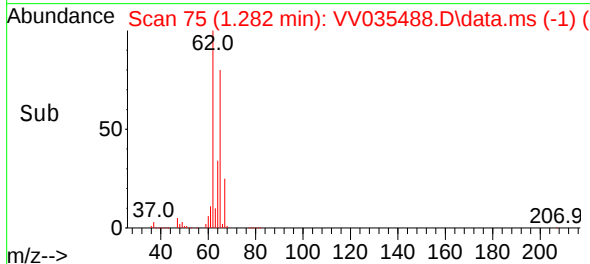
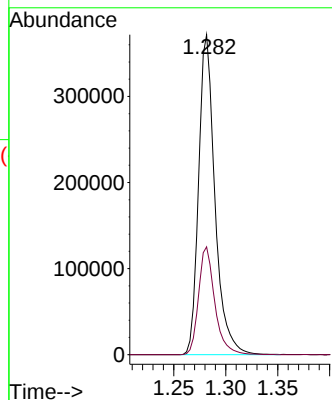
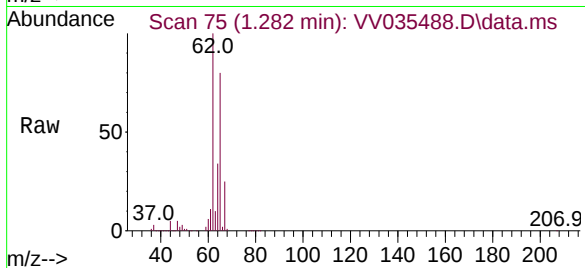
ClientSampleId :

Tgt Ion: 62 Resp: 405811

Ion Ratio Lower Upper

62 100

64 33.7 22.9 42.5



#6

Bromomethane

Concen: 101.528 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV035488.D

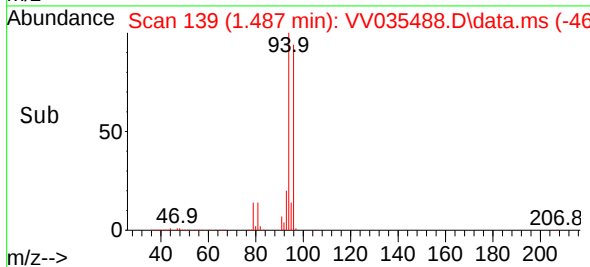
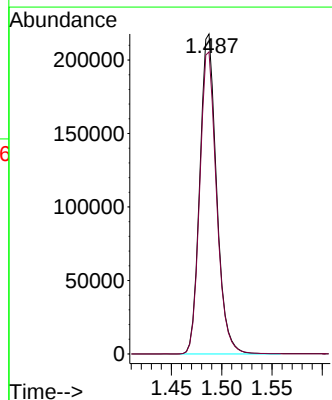
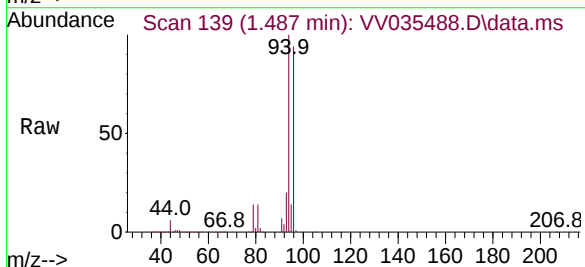
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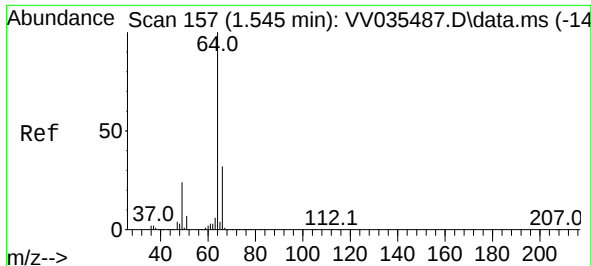
Tgt Ion: 94 Resp: 251925

Ion Ratio Lower Upper

94 100

96 94.4 66.2 123.0

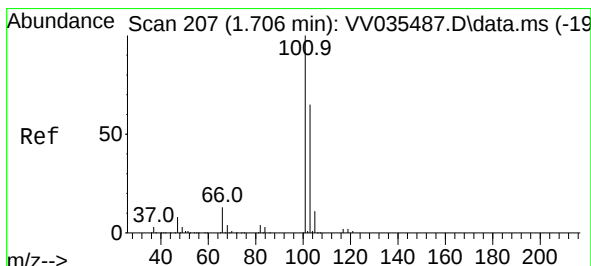
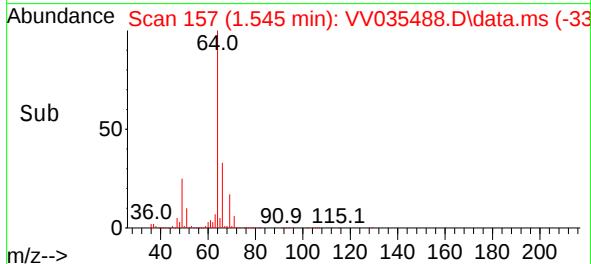
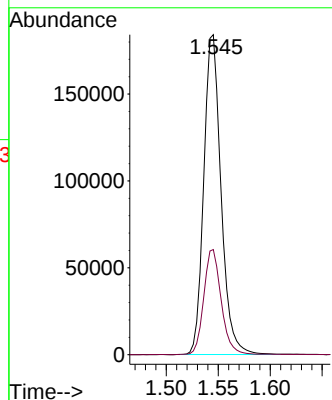
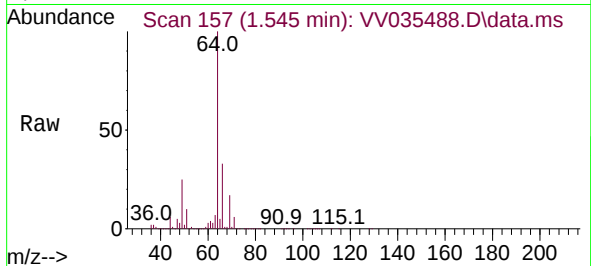




#8
Chloroethane
Concen: 109.857 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

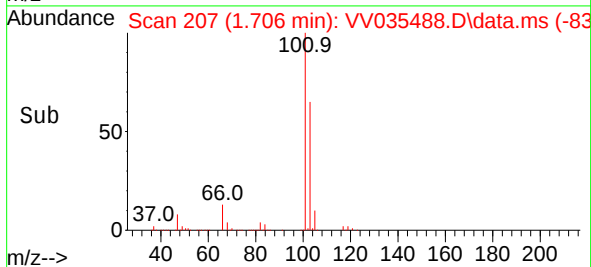
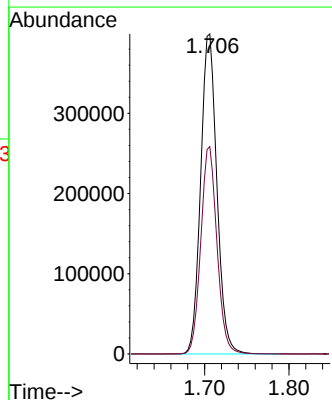
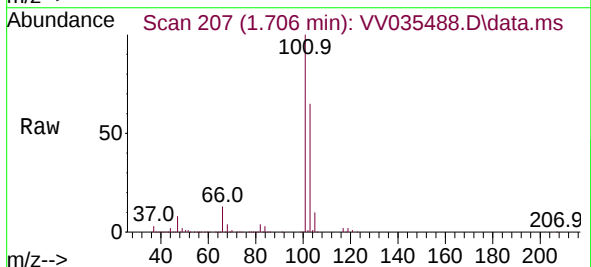
Instrument :
MSVOA_V
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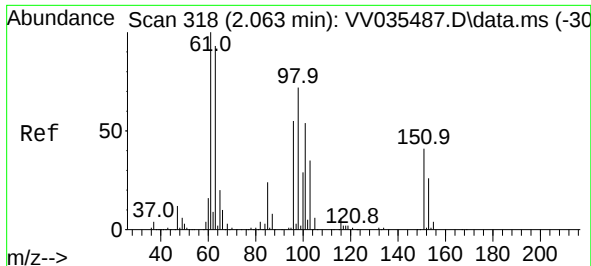
Tgt Ion: 64 Resp: 212374
Ion Ratio Lower Upper
64 100
66 32.9 22.7 42.1



#9
Trichlorofluoromethane
Concen: 95.304 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

Tgt Ion:101 Resp: 536109
Ion Ratio Lower Upper
101 100
103 64.5 52.0 78.0

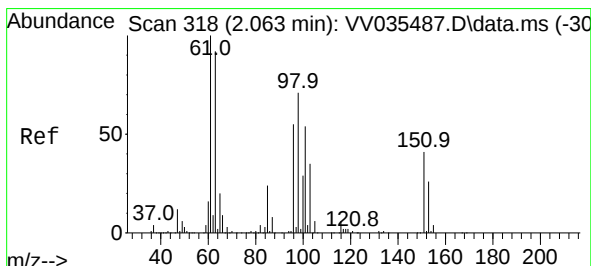
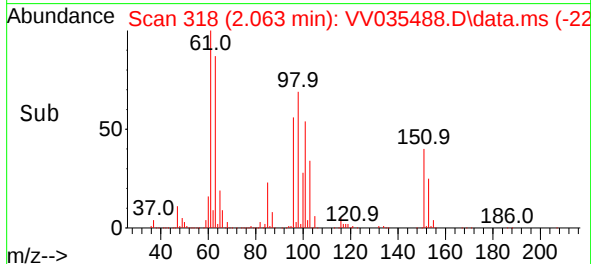
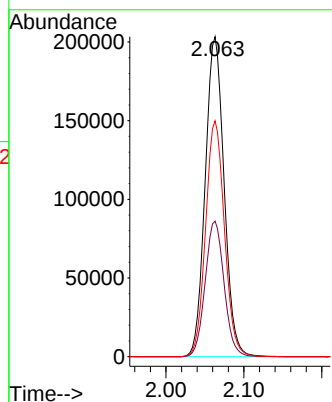
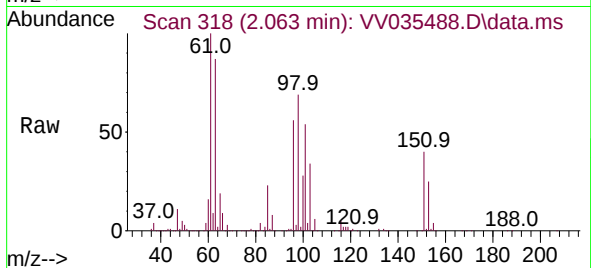




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 96.767 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV035488.D
 Acq: 01 May 2024 11:20

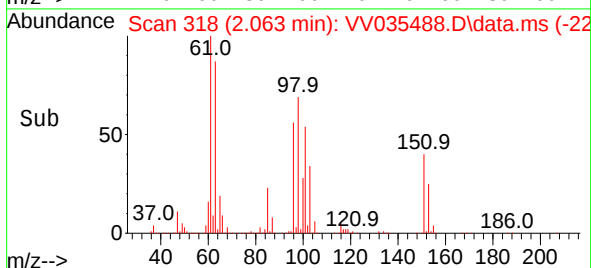
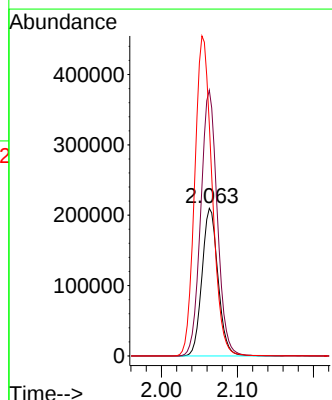
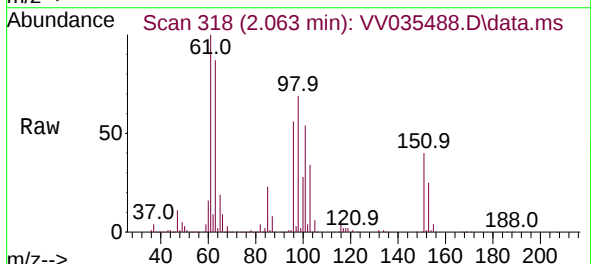
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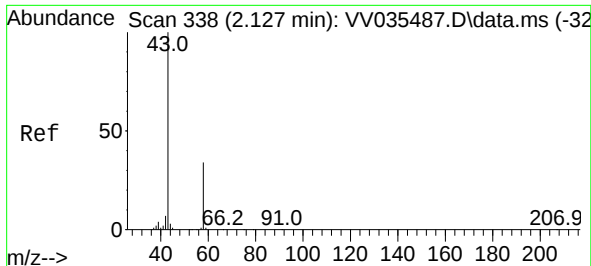
Tgt Ion:101 Resp: 341958
 Ion Ratio Lower Upper
 101 100
 85 42.5 34.4 51.6
 151 73.7 60.1 90.1



#12
 1,1-Dichloroethene
 Concen: 97.670 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV035488.D
 Acq: 01 May 2024 11:20

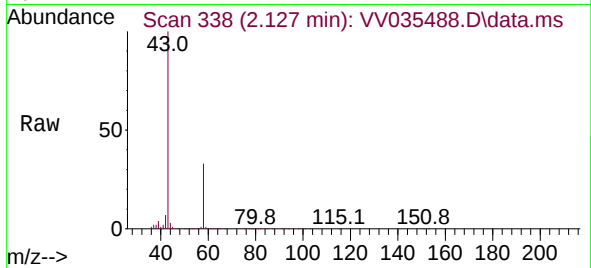
Tgt Ion: 96 Resp: 307006
 Ion Ratio Lower Upper
 96 100
 61 179.9 126.5 234.9
 63 156.9 118.1 219.3



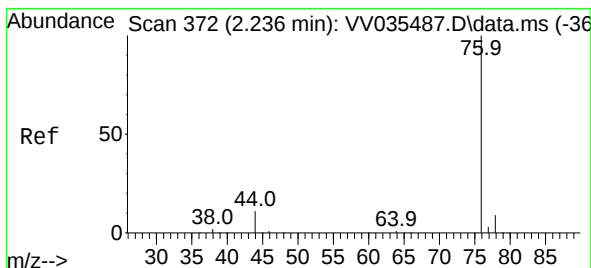
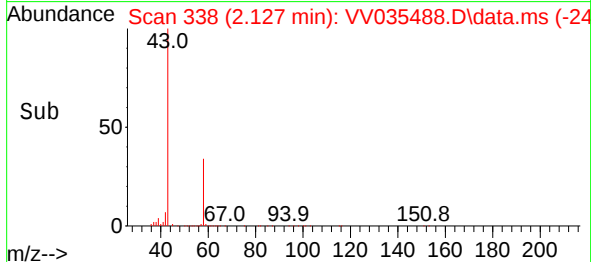
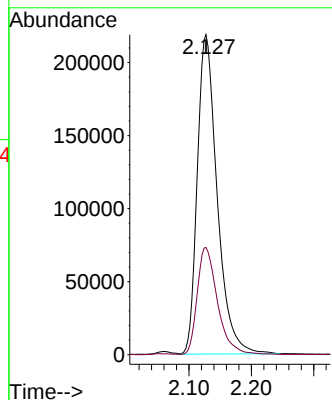


#13
Acetone
Concen: 186.792 ug/L
RT: 2.127 min Scan# 338
Delta R.T. 0.000 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

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ClientSampleId :

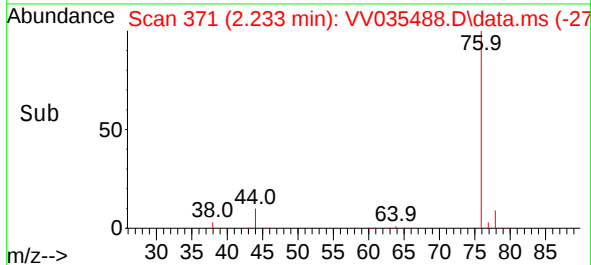
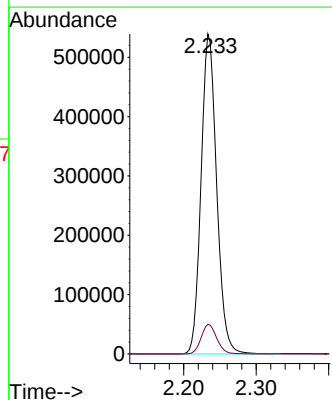
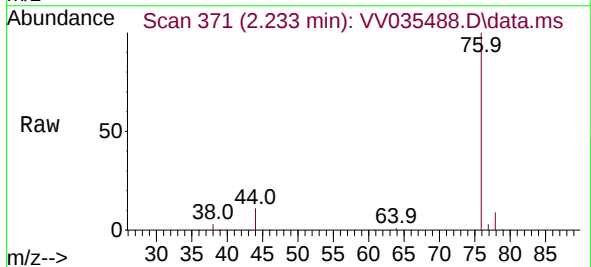


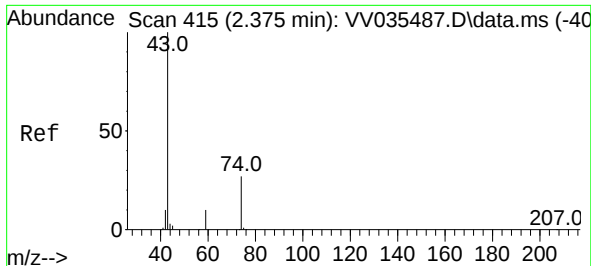
Tgt Ion: 43 Resp: 484210
Ion Ratio Lower Upper
43 100
58 33.8 0.0 68.8



#14
Carbon disulfide
Concen: 93.326 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.003 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

Tgt Ion: 76 Resp: 804491
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4





#15

Methyl Acetate

Concen: 105.703 ug/L

RT: 2.375 min Scan# 415

Delta R.T. 0.000 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

Instrument :

MSVOA_V

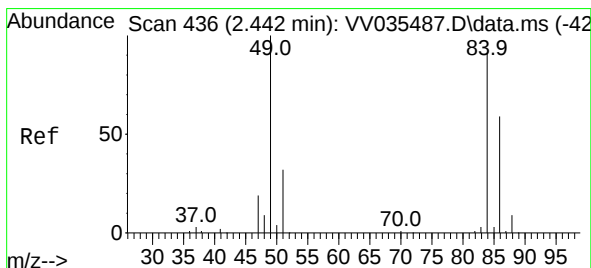
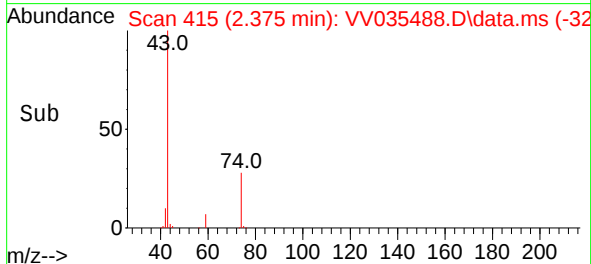
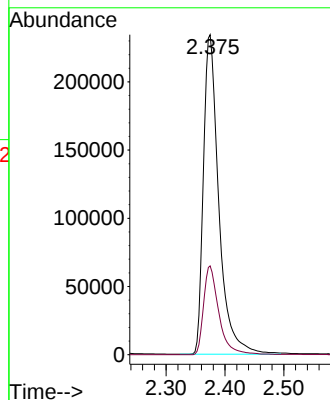
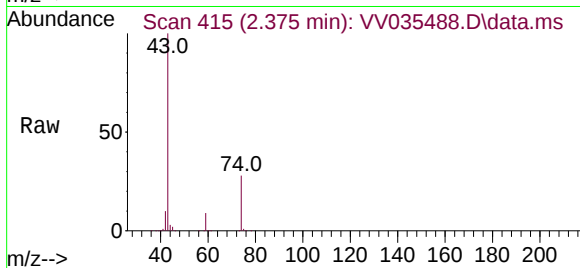
ClientSampleId :

Tgt Ion: 43 Resp: 426886

Ion Ratio Lower Upper

43 100

74 27.4 21.6 32.4



#16

Methylene chloride

Concen: 96.536 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

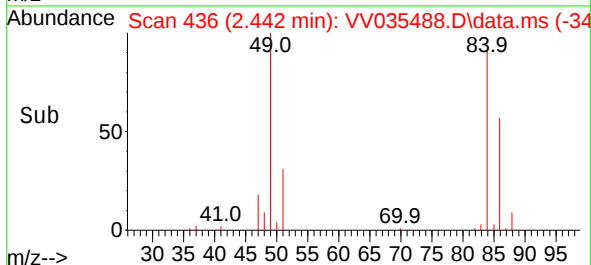
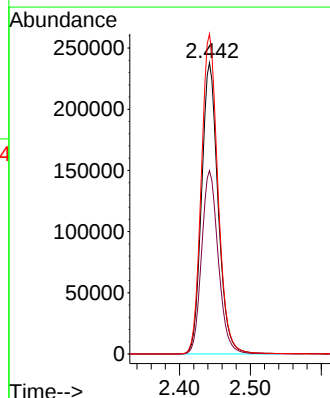
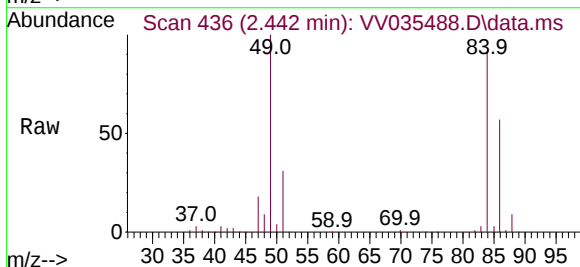
Tgt Ion: 84 Resp: 384559

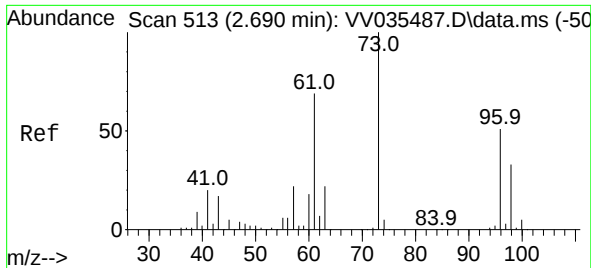
Ion Ratio Lower Upper

84 100

86 62.9 45.3 84.1

49 109.9 76.9 142.7





#17

trans-1,2-Dichloroethene

Concen: 99.569 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

Instrument :

MSVOA_V

ClientSampleId :

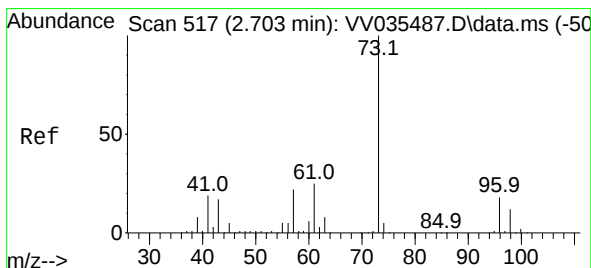
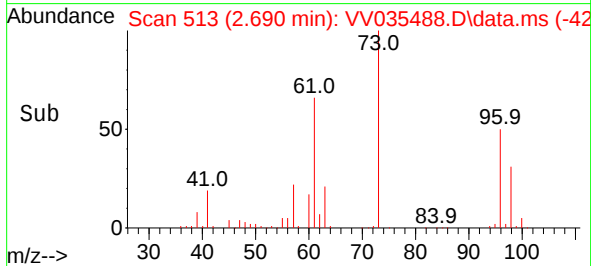
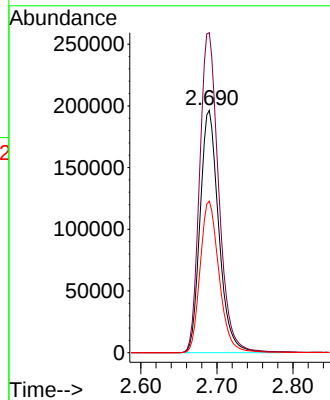
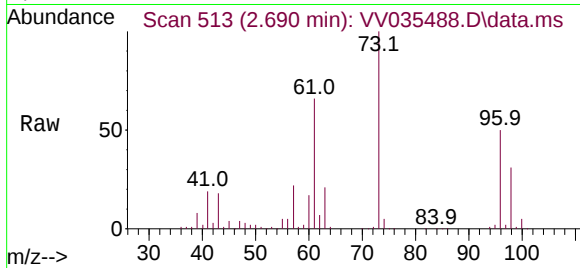
Tgt Ion: 96 Resp: 335138

Ion Ratio Lower Upper

96 100

61 132.1 95.5 177.3

98 62.6 44.9 83.5



#18

Methyl tert-butyl Ether

Concen: 106.570 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

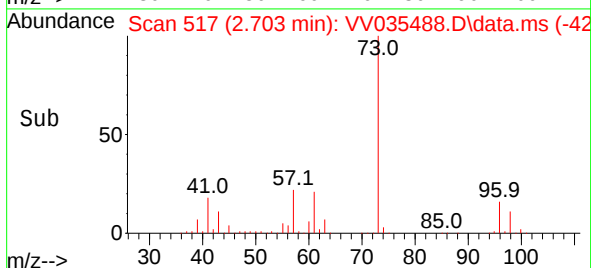
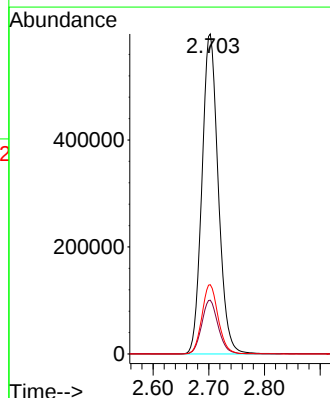
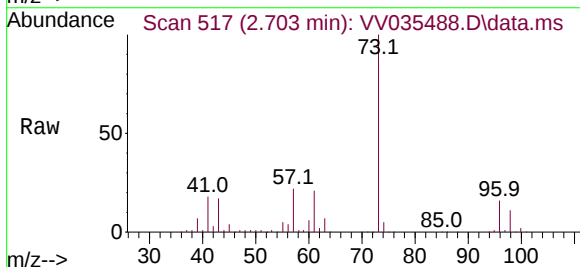
Tgt Ion: 73 Resp: 1216559

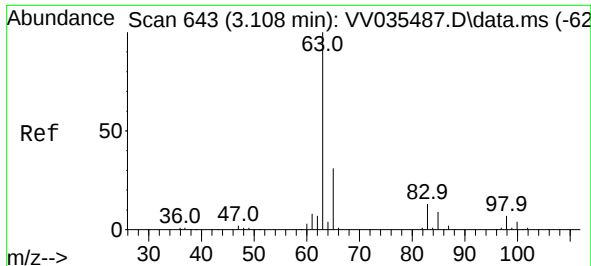
Ion Ratio Lower Upper

73 100

43 16.8 13.6 20.4

57 21.7 17.4 26.0

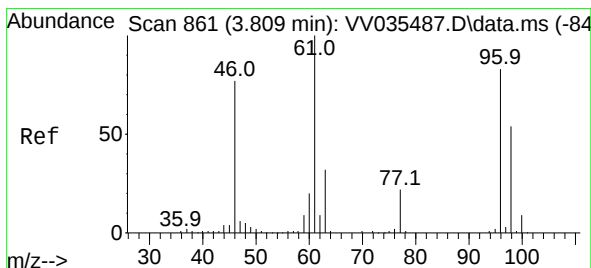
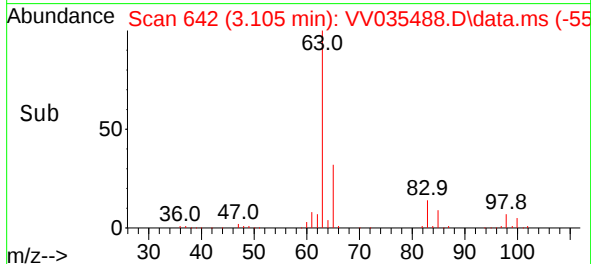
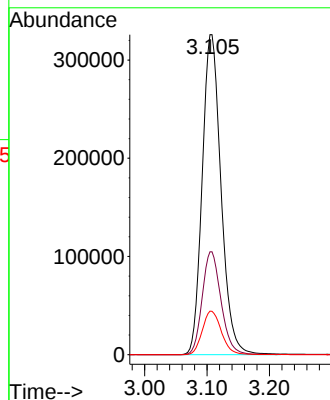
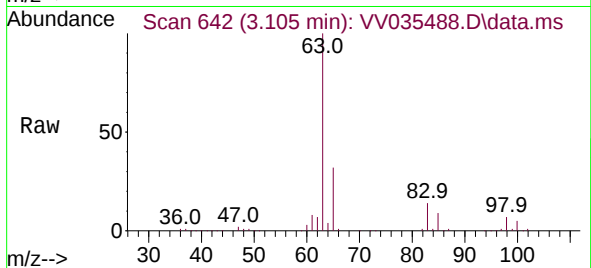




#19
1,1-Dichloroethane
Concen: 97.900 ug/L
RT: 3.105 min Scan# 643
Delta R.T. -0.003 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

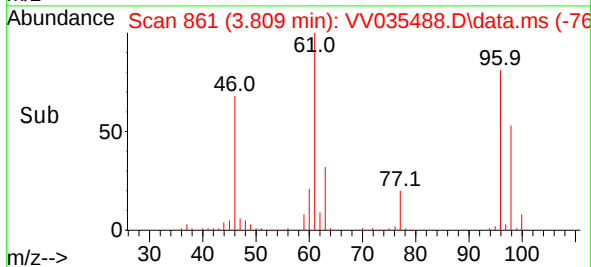
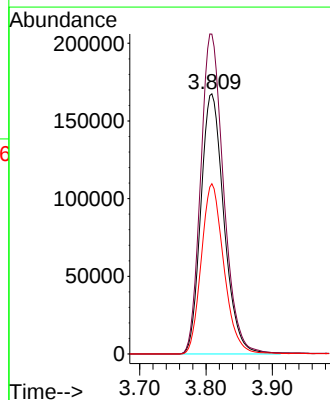
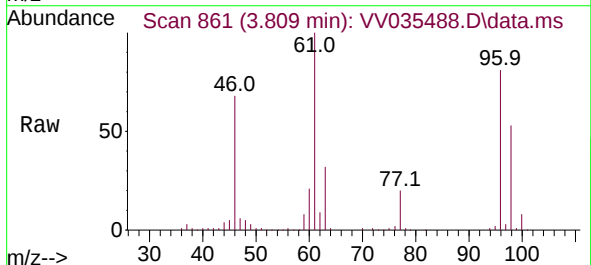
Instrument :
MSVOA_V
ClientSampleId :

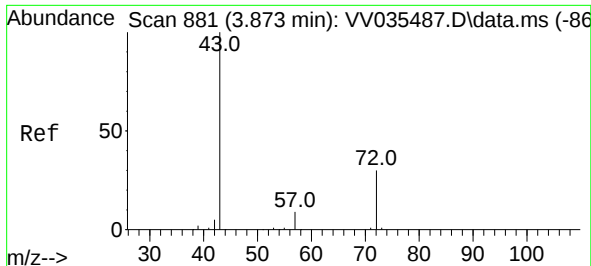
Tgt Ion: 63 Resp: 684908
Ion Ratio Lower Upper
63 100
65 32.1 21.8 40.4
83 13.6 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 106.049 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

Tgt Ion: 96 Resp: 405737
Ion Ratio Lower Upper
96 100
61 123.0 84.0 156.0
98 65.4 44.9 83.5

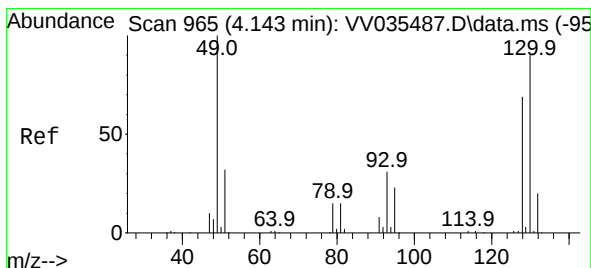
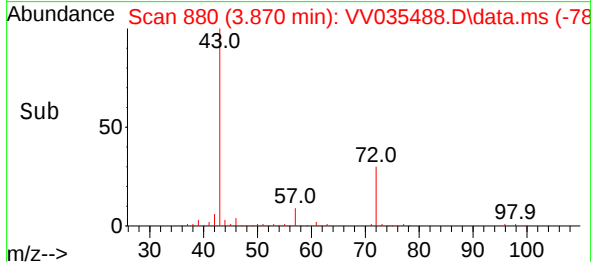
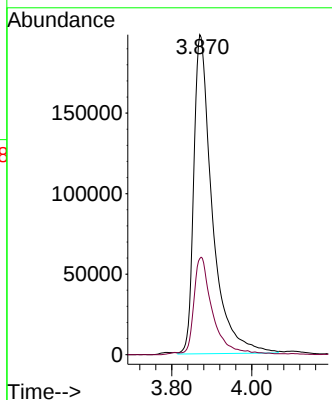
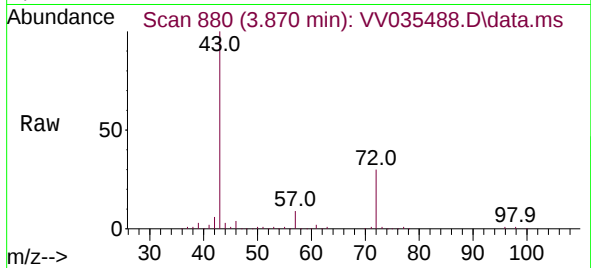




#22
2-Butanone
Concen: 218.101 ug/L
RT: 3.870 min Scan# 881
Delta R.T. -0.003 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

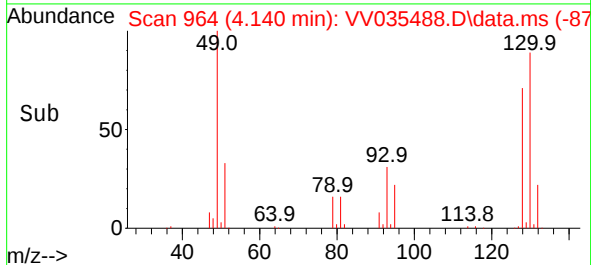
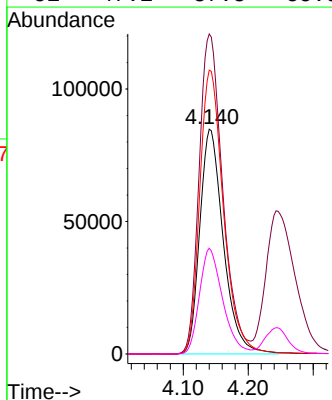
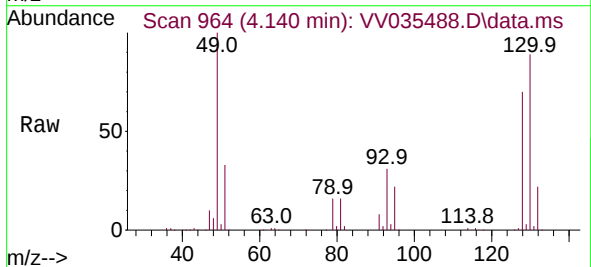
Instrument :
MSVOA_V
ClientSampleId :

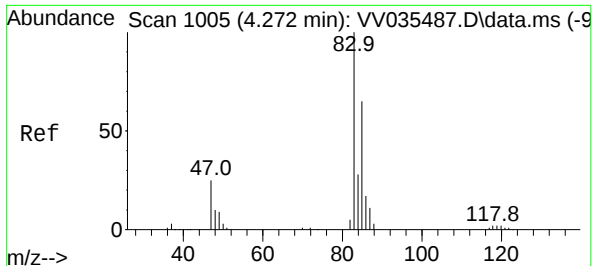
Tgt Ion: 43 Resp: 638357
Ion Ratio Lower Upper
43 100
72 28.7 14.4 43.0



#23
Bromochloromethane
Concen: 100.172 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

Tgt Ion:128 Resp: 213558
Ion Ratio Lower Upper
128 100
49 142.4 102.0 189.4
130 126.3 91.5 169.9
51 47.1 37.3 55.9





#25

Chloroform

Concen: 98.968 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

Instrument :

MSVOA_V

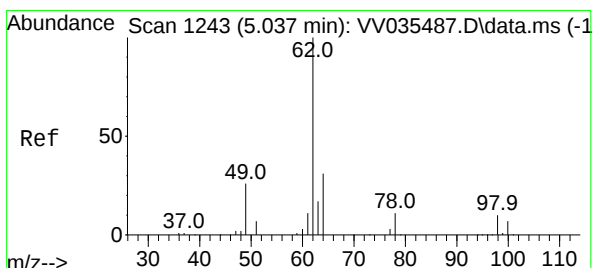
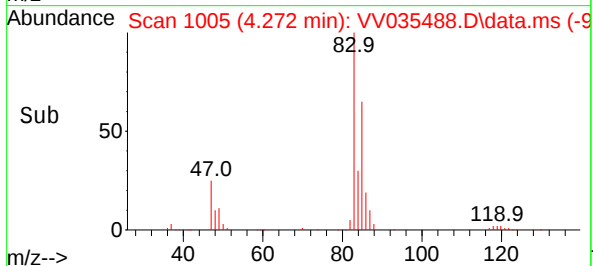
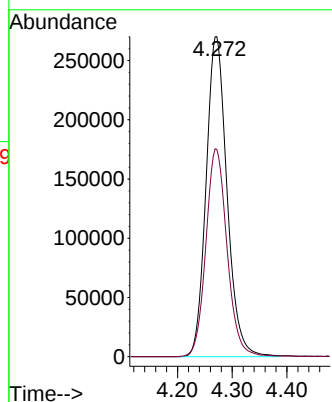
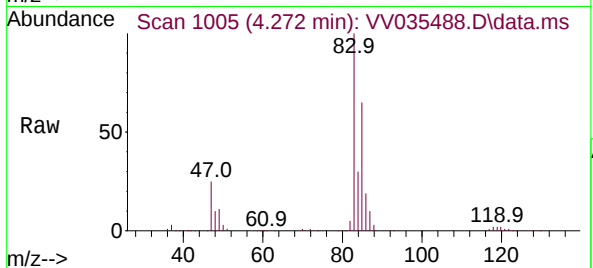
ClientSampleId :

Tgt Ion: 83 Resp: 716563

Ion Ratio Lower Upper

83 100

85 64.8 45.8 85.2



#27

1,2-Dichloroethane

Concen: 99.055 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV035488.D

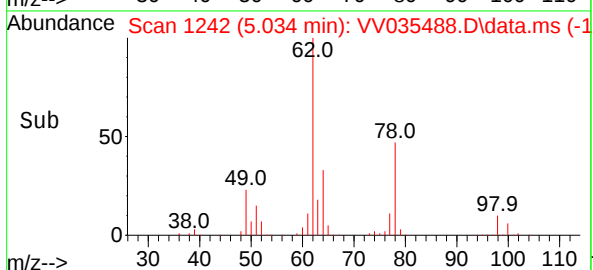
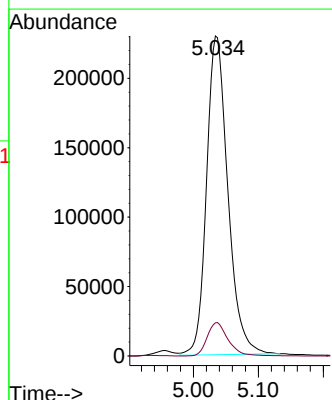
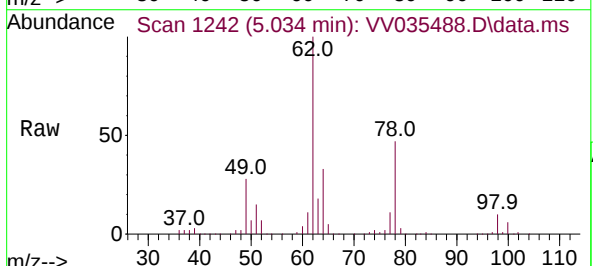
Acq: 01 May 2024 11:20

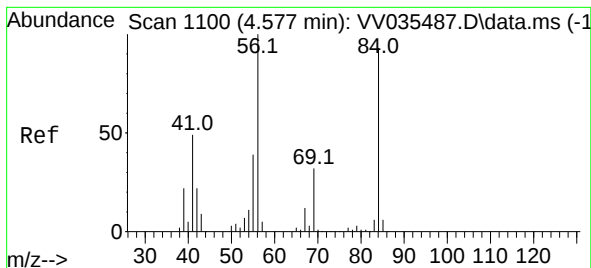
Tgt Ion: 62 Resp: 523580

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.2





#29

Cyclohexane

Concen: 106.062 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

Instrument :

MSVOA_V

ClientSampleId :

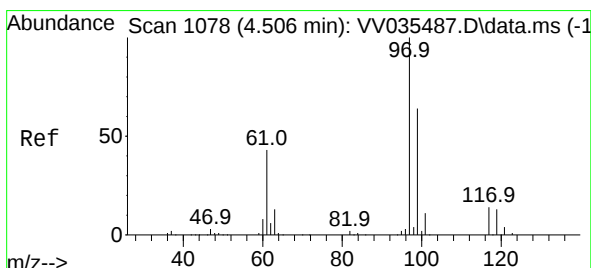
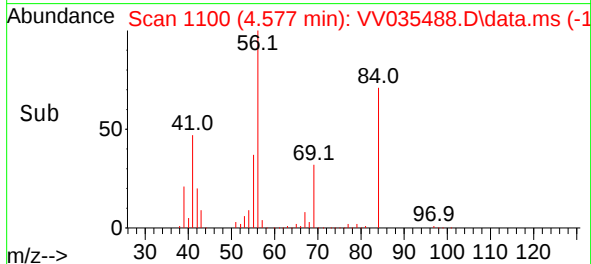
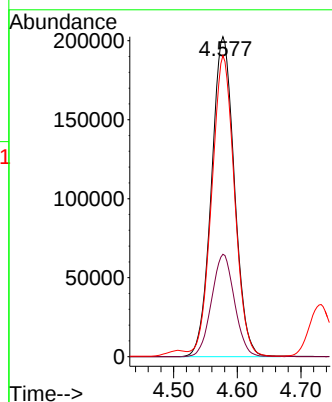
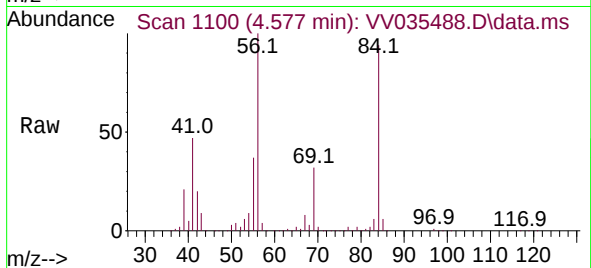
Tgt Ion: 56 Resp: 506347

Ion Ratio Lower Upper

56 100

69 32.1 25.5 38.3

84 93.1 73.6 110.4



#30

1,1,1-Trichloroethane

Concen: 100.474 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

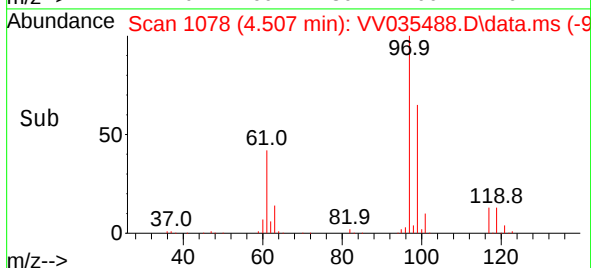
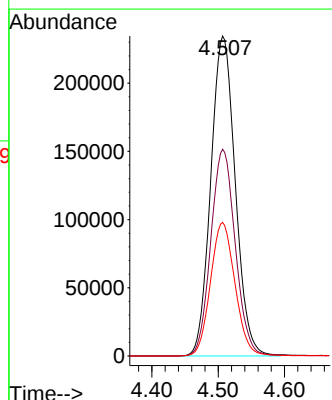
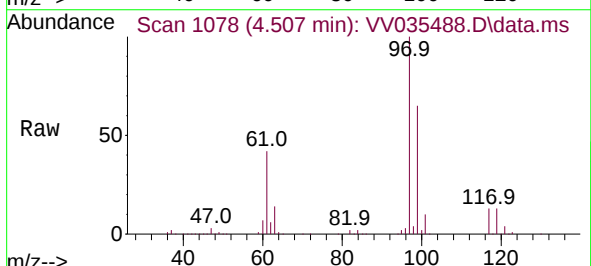
Tgt Ion: 97 Resp: 601937

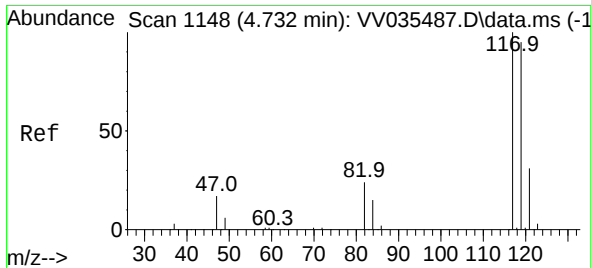
Ion Ratio Lower Upper

97 100

99 64.5 51.9 77.9

61 41.6 34.1 51.1

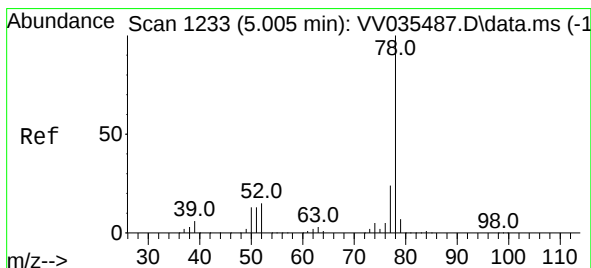
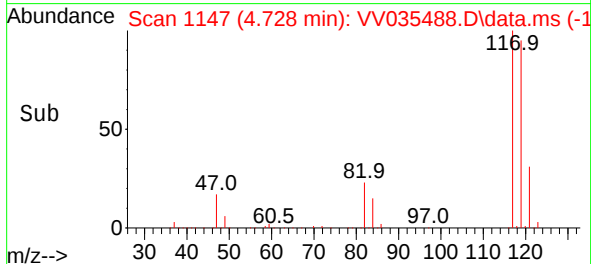
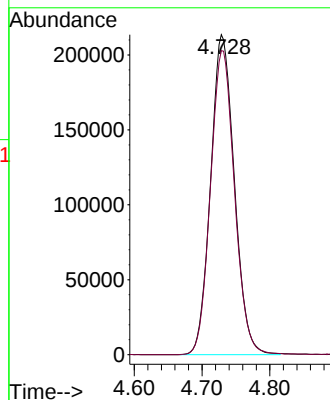
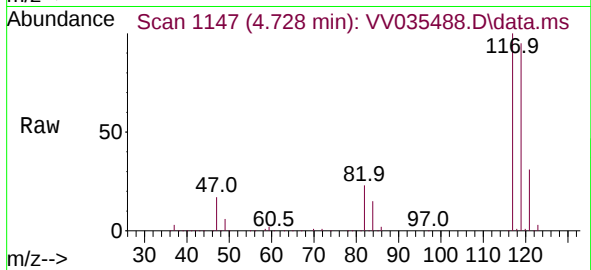




#31
Carbon tetrachloride
Concen: 99.251 ug/L
RT: 4.728 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

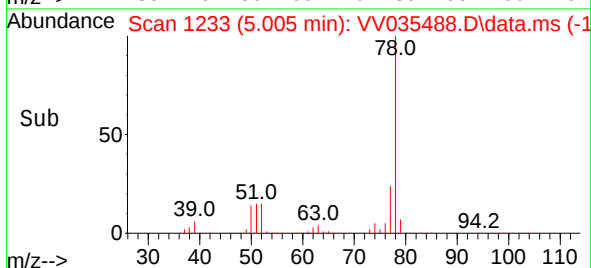
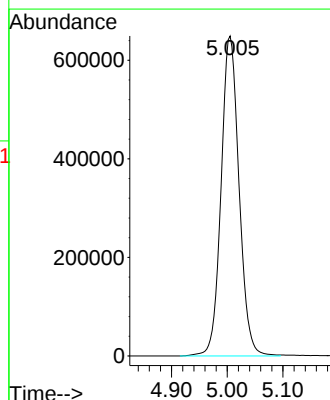
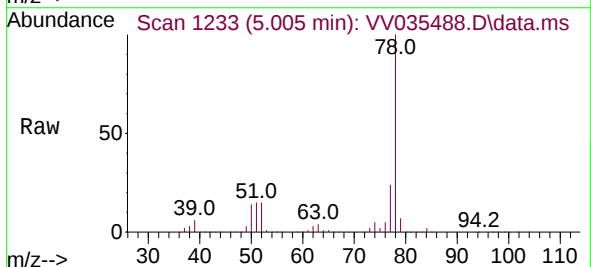
Instrument :
MSVOA_V
ClientSampleId :

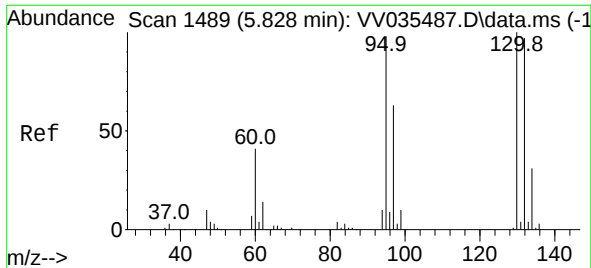
Tgt Ion:117 Resp: 519459
Ion Ratio Lower Upper
117 100
119 96.2 76.5 114.7



#33
Benzene
Concen: 103.048 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

Tgt Ion: 78 Resp: 1454744

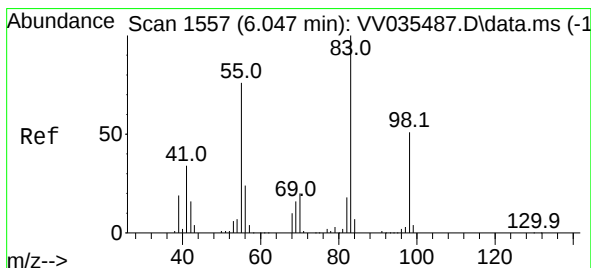
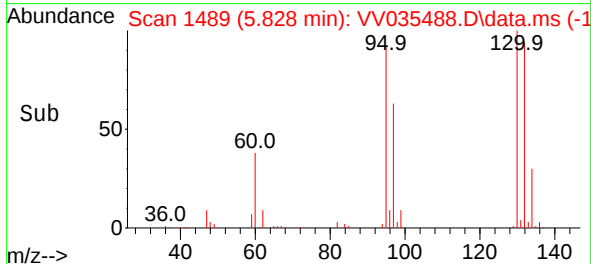
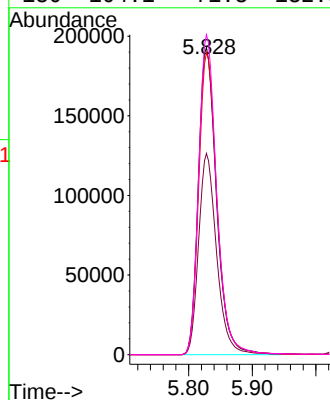
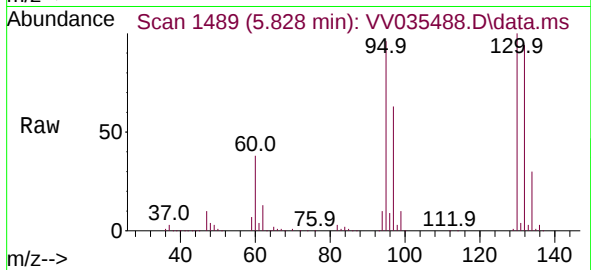




#34
Trichloroethene
Concen: 100.969 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

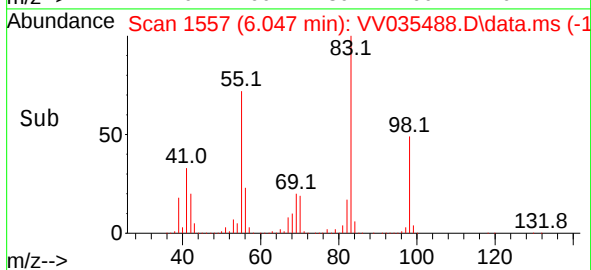
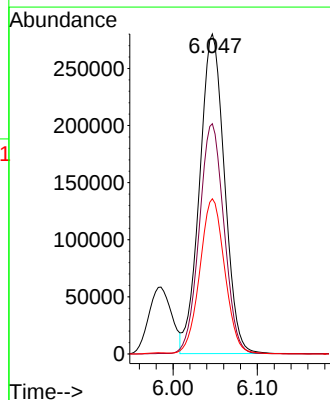
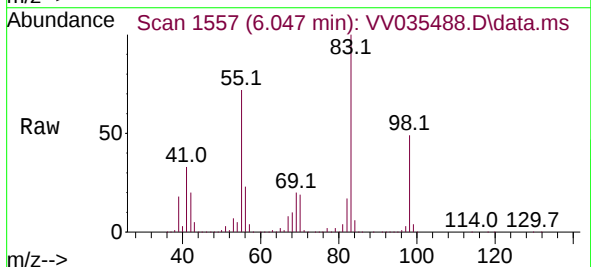
Instrument :
MSVOA_V
ClientSampleId :

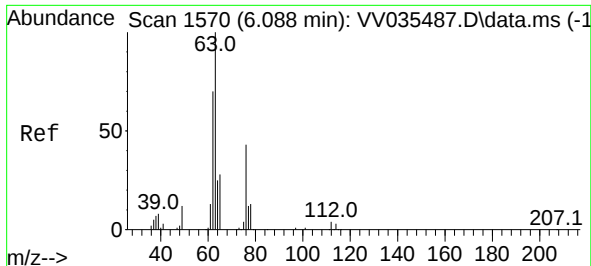
Tgt Ion: 95 Resp: 383639
Ion Ratio Lower Upper
95 100
97 65.5 45.1 83.9
132 98.3 69.4 128.8
130 104.1 71.3 132.3



#35
Methylcyclohexane
Concen: 105.230 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

Tgt Ion: 83 Resp: 574861
Ion Ratio Lower Upper
83 100
55 71.7 57.5 86.3
98 48.7 38.9 58.3





#37

1,2-Dichloropropane

Concen: 102.435 ug/L

RT: 6.088 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

Instrument :

MSVOA_V

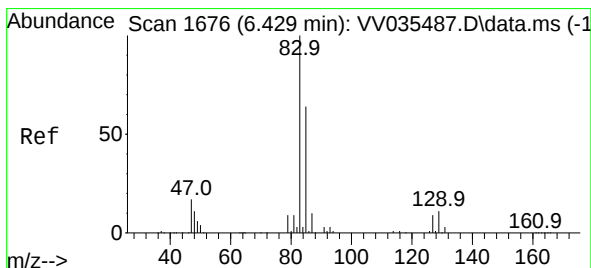
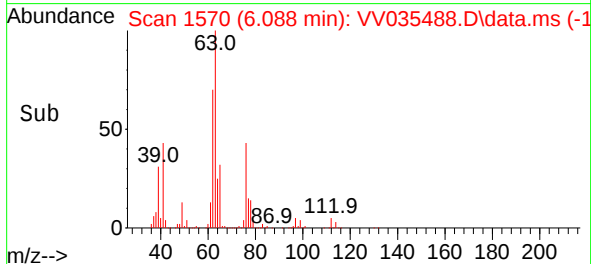
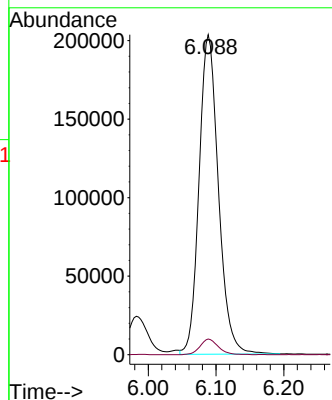
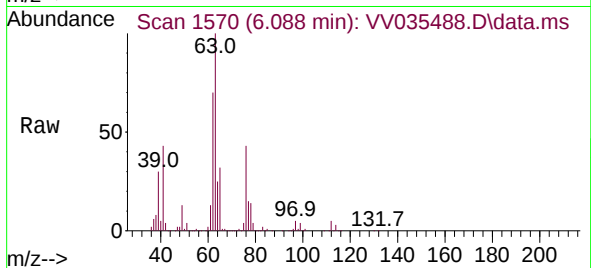
ClientSampleId :

Tgt Ion: 63 Resp: 402859

Ion Ratio Lower Upper

63 100

112 4.6 3.4 5.2



#38

Bromodichloromethane

Concen: 102.750 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

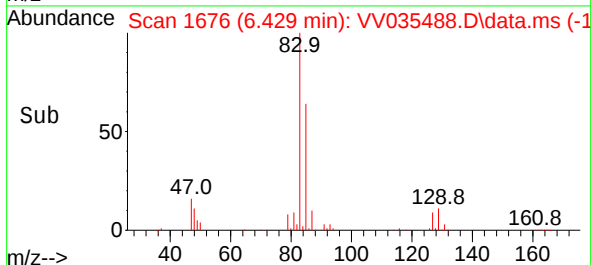
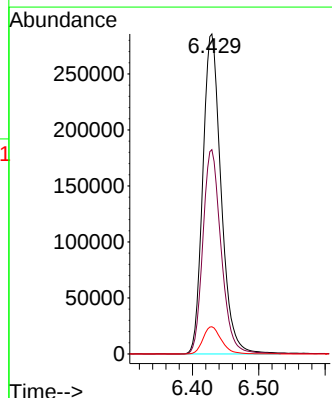
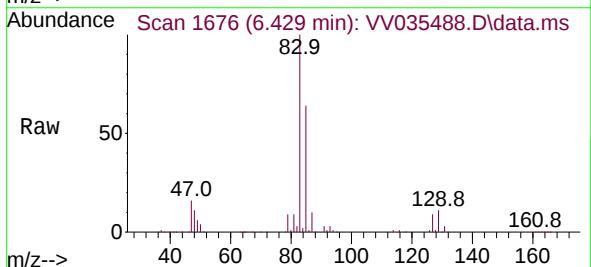
Tgt Ion: 83 Resp: 546609

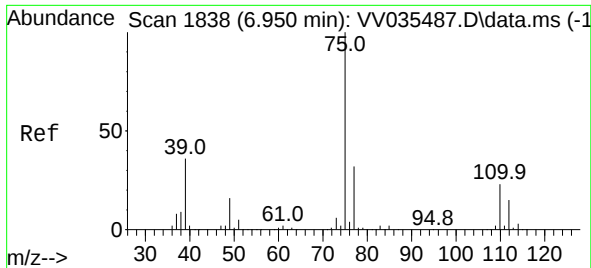
Ion Ratio Lower Upper

83 100

85 63.8 45.1 83.9

127 8.5 6.9 10.3

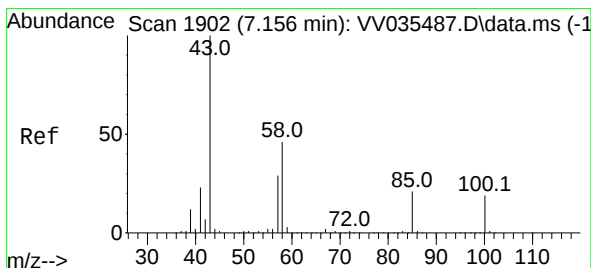
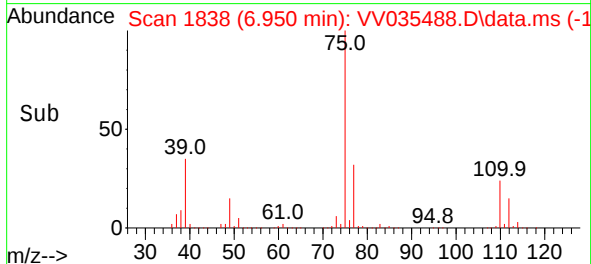
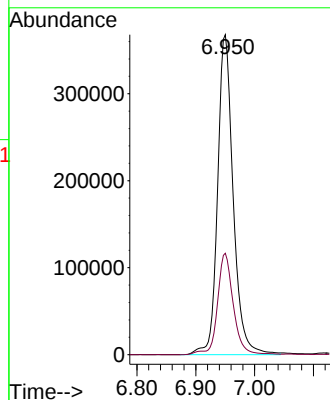
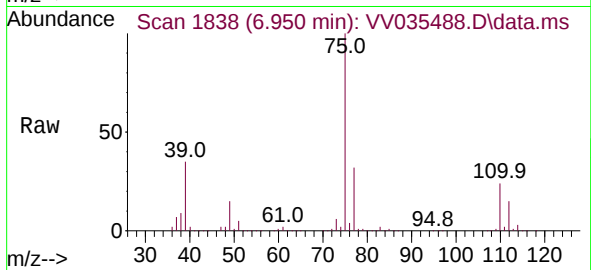




#39
 cis-1,3-Dichloropropene
 Concen: 114.743 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV035488.D
 Acq: 01 May 2024 11:20

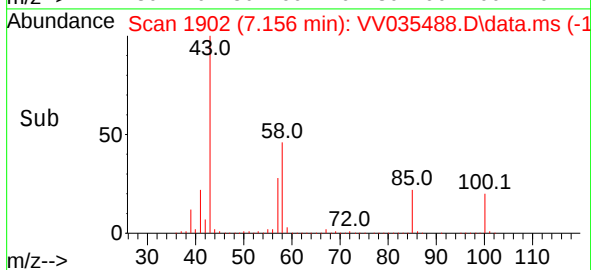
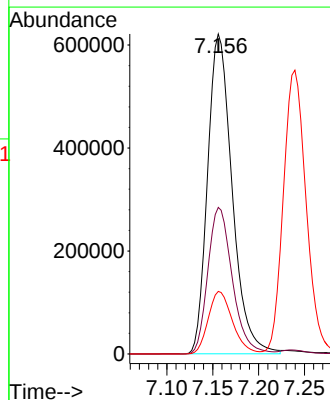
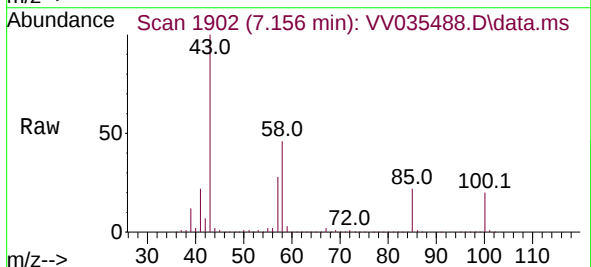
Instrument :
 MSVOA_V
 ClientSampleId :

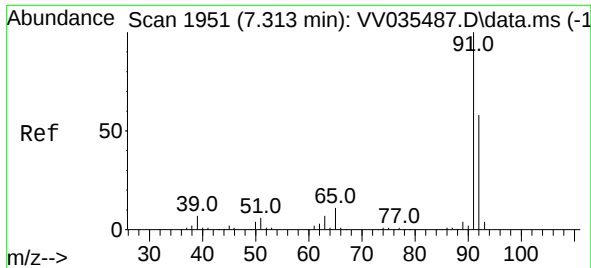
Tgt Ion: 75 Resp: 678425
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 241.022 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VV035488.D
 Acq: 01 May 2024 11:20

Tgt Ion: 43 Resp: 1156870
 Ion Ratio Lower Upper
 43 100
 58 45.7 36.1 54.1
 100 19.3 15.0 22.4





#42

Toluene

Concen: 106.314 ug/L

RT: 7.310 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

Instrument :

MSVOA_V

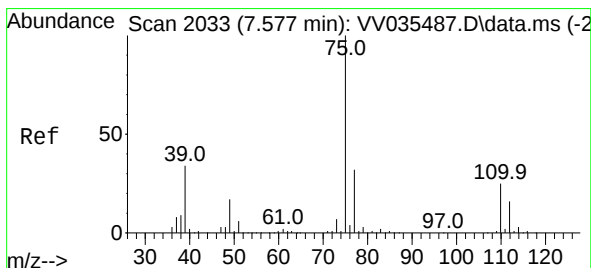
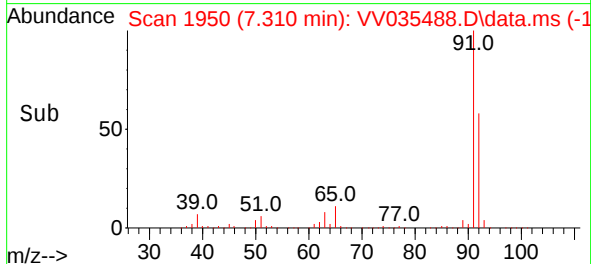
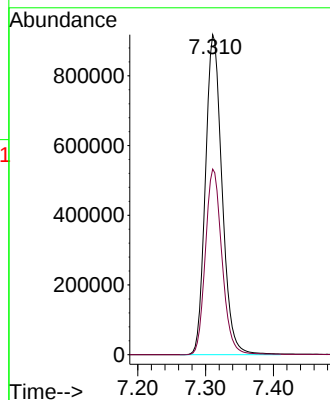
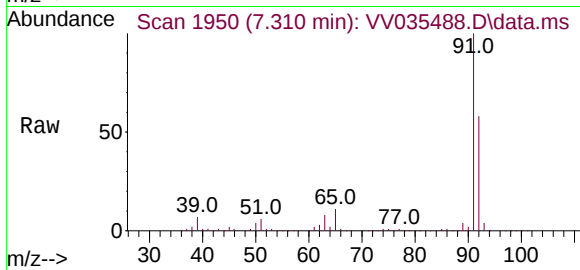
ClientSampleId :

Tgt Ion: 91 Resp: 1566402

Ion Ratio Lower Upper

91 100

92 58.0 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 112.724 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035488.D

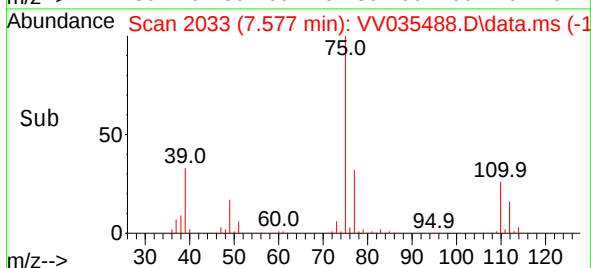
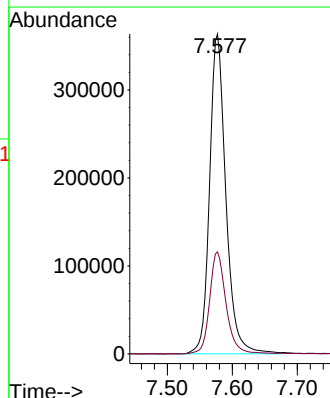
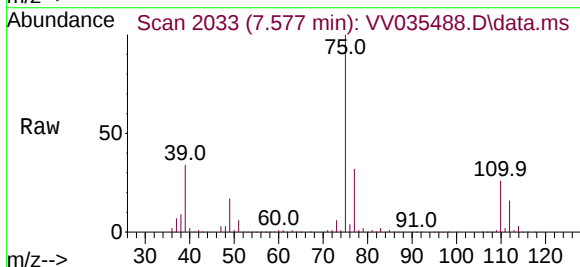
Acq: 01 May 2024 11:20

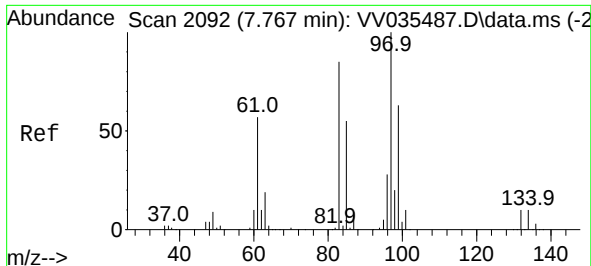
Tgt Ion: 75 Resp: 633664

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6

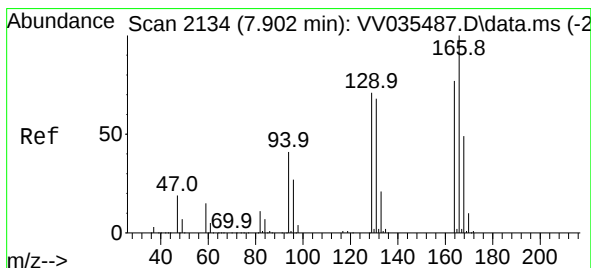
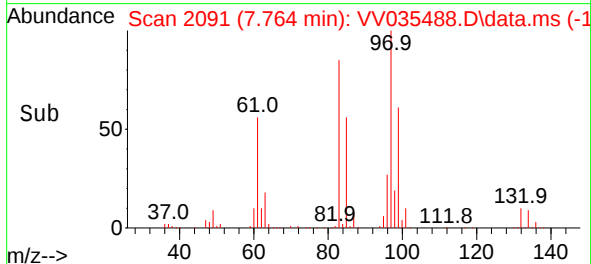
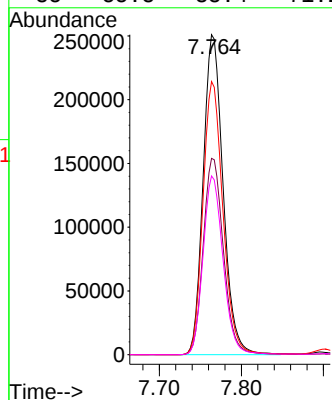
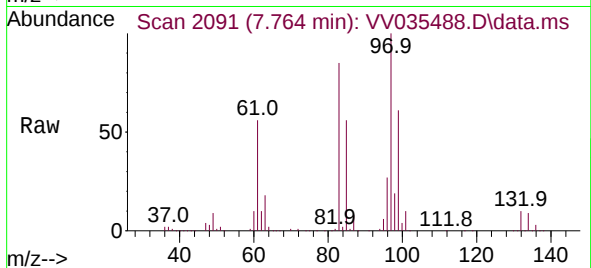




#45
1,1,2-Trichloroethane
Concen: 102.463 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. -0.003 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

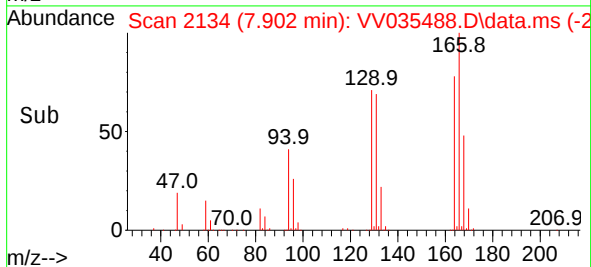
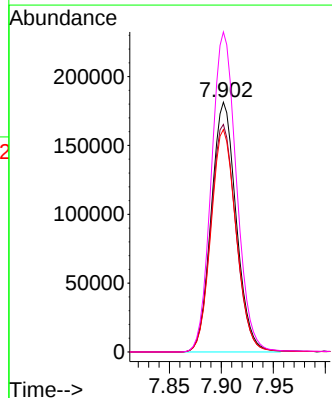
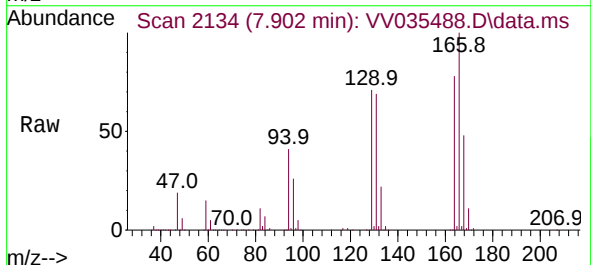
Instrument :
MSVOA_V
ClientSampleId :

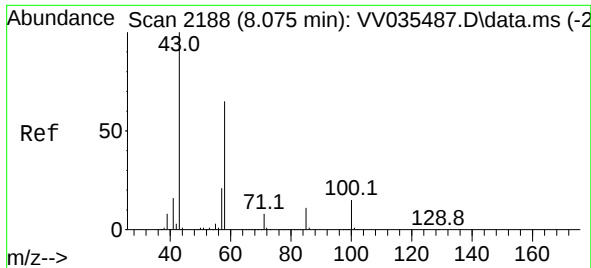
Tgt Ion:	97	Resp:	423660
Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.2	82.2
83	85.3	59.3	110.1
85	55.8	38.4	71.2



#46
Tetrachloroethene
Concen: 101.555 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

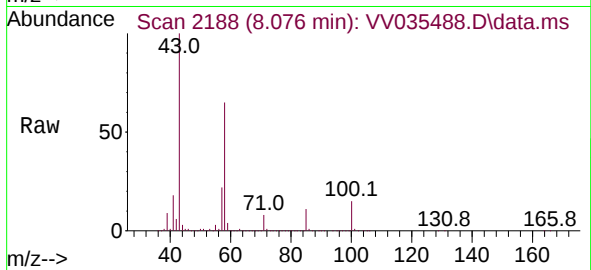
Tgt Ion:	164	Resp:	303248
Ion	Ratio	Lower	Upper
164	100		
129	91.1	64.7	120.1
131	89.0	61.5	114.1
166	128.1	90.6	168.3



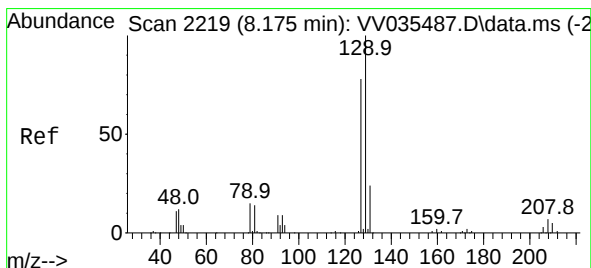
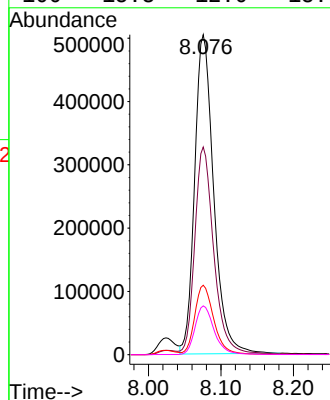
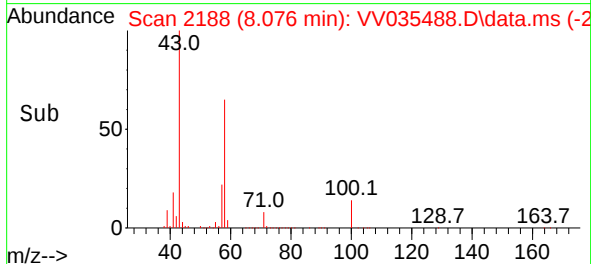


#48
2-Hexanone
Concen: 227.379 ug/L
RT: 8.076 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

Instrument :
MSVOA_V
ClientSampleId :

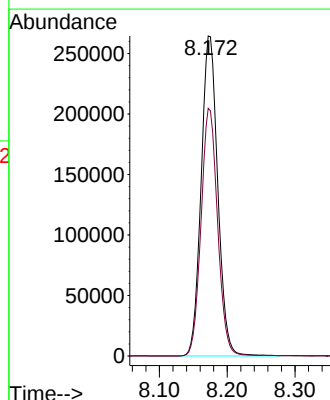
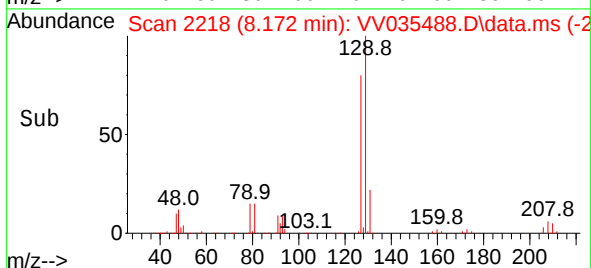
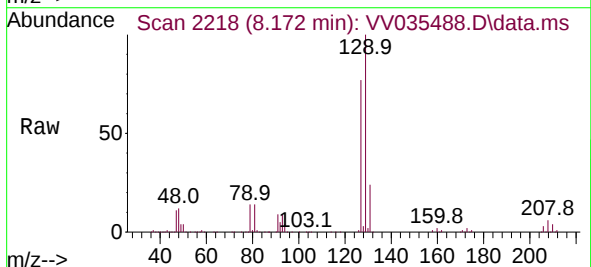


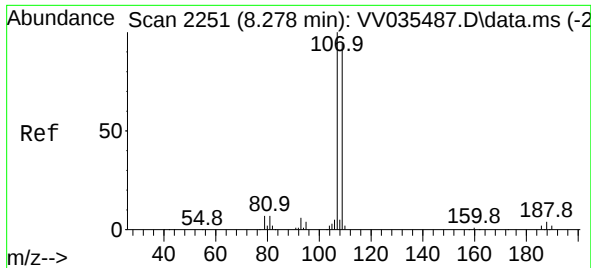
Tgt Ion: 43 Resp: 921704
Ion Ratio Lower Upper
43 100
58 64.8 50.8 76.2
57 21.7 17.6 26.4
100 15.3 12.0 18.0



#49
Dibromochloromethane
Concen: 106.500 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.003 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

Tgt Ion: 129 Resp: 451033
Ion Ratio Lower Upper
129 100
127 77.4 54.3 100.8

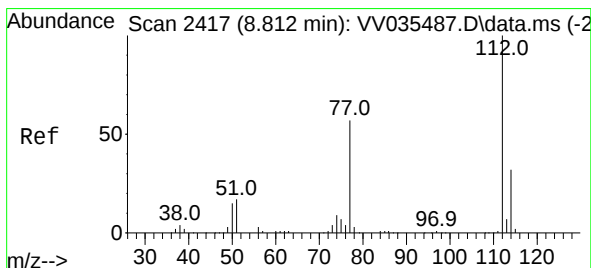
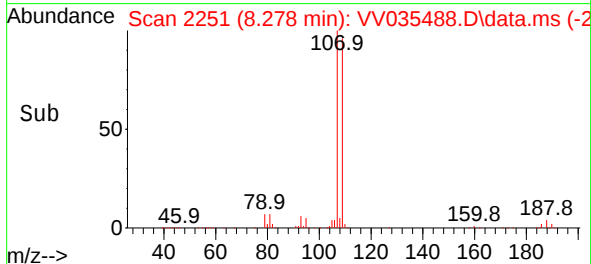
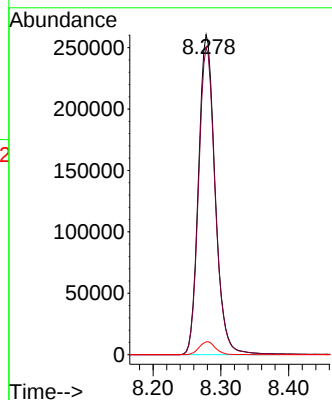
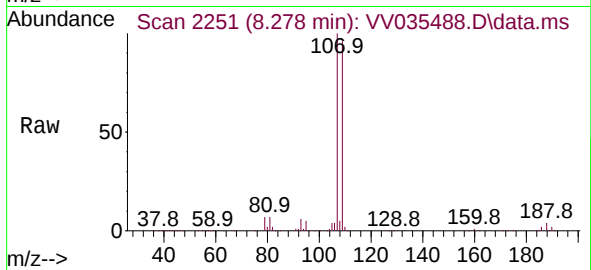




#50
1,2-Dibromoethane
Concen: 105.623 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

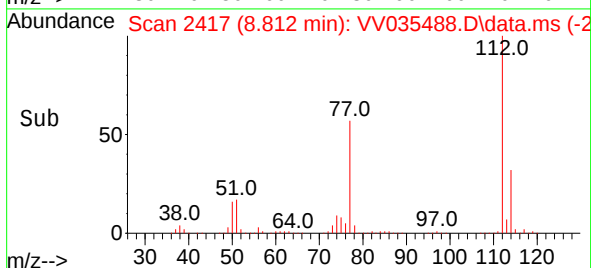
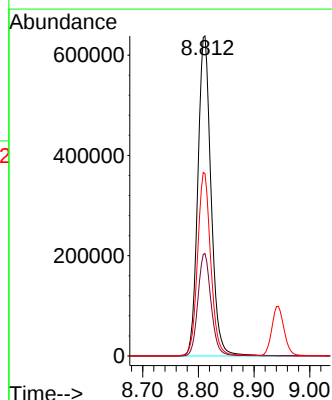
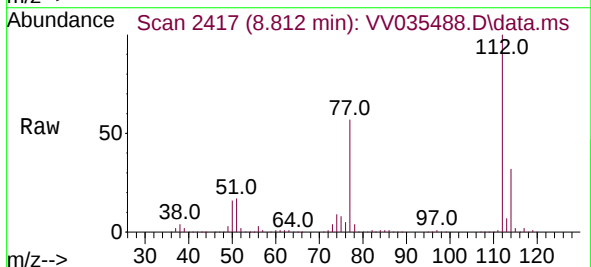
Instrument :
MSVOA_V
ClientSampleId :

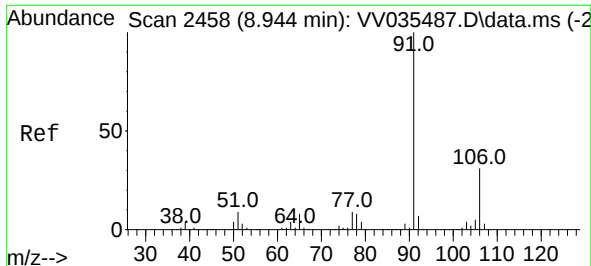
Tgt Ion:107 Resp: 444542
Ion Ratio Lower Upper
107 100
109 96.1 65.7 122.1
188 4.0 3.1 4.7



#51
Chlorobenzene
Concen: 101.462 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

Tgt Ion:112 Resp: 1053077
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 57.0 45.9 68.9

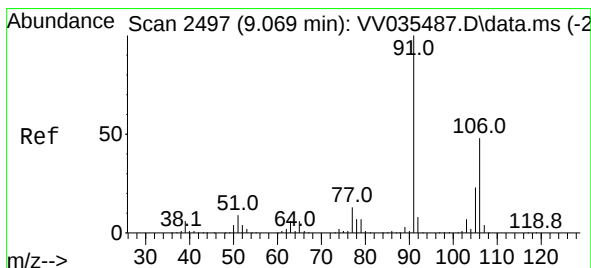
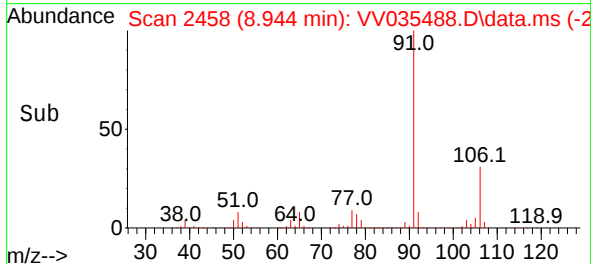
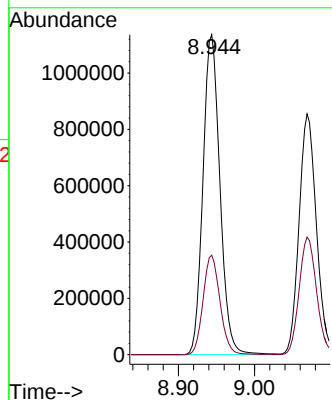
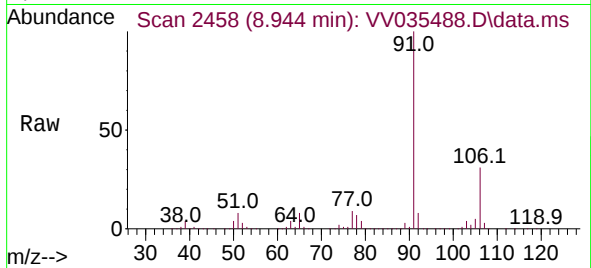




#52
Ethylbenzene
Concen: 109.507 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

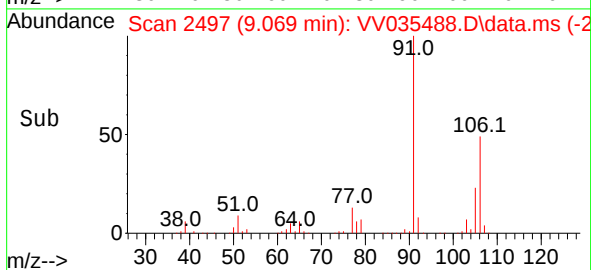
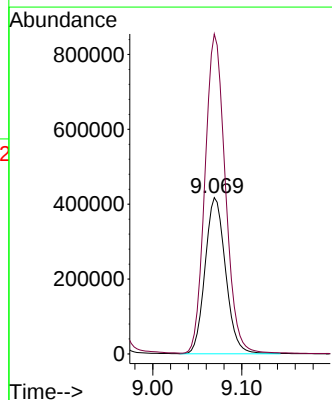
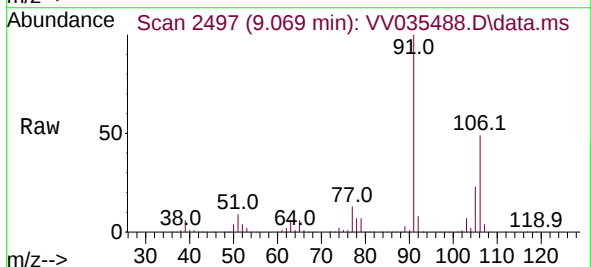
Instrument :
MSVOA_V
ClientSampleId :

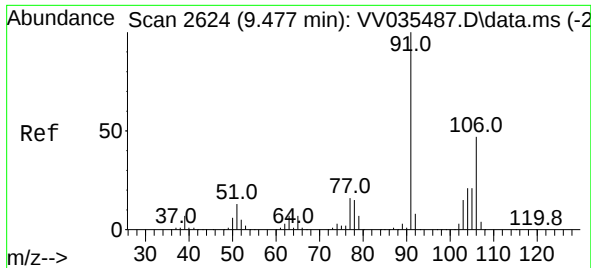
Tgt Ion: 91 Resp: 1759658
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.0



#53
m,p-Xylene
Concen: 109.772 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

Tgt Ion:106 Resp: 666093
Ion Ratio Lower Upper
106 100
91 204.7 144.8 268.8

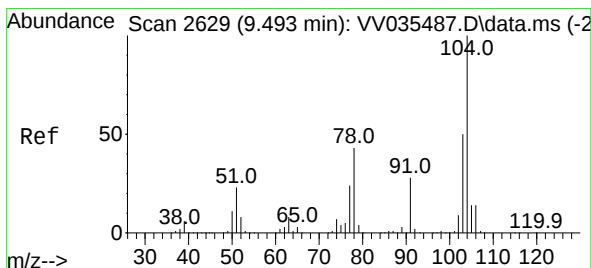
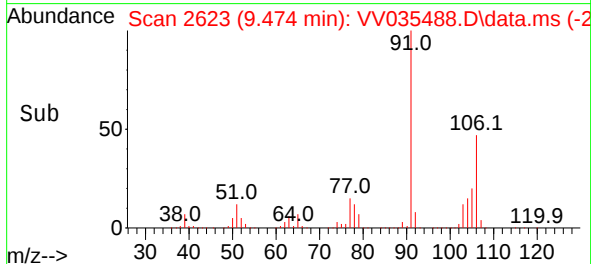
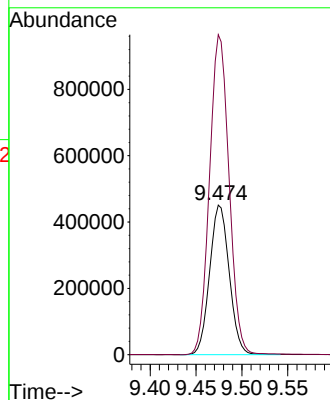
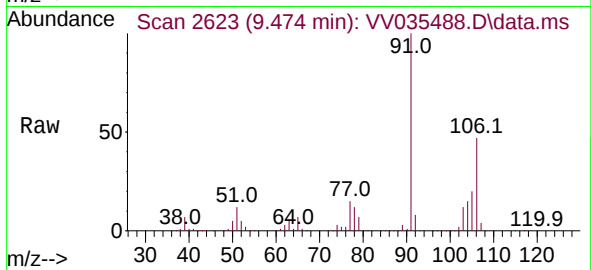




#54
o-Xylene
Concen: 112.128 ug/L
RT: 9.474 min Scan# 2624
Delta R.T. -0.003 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

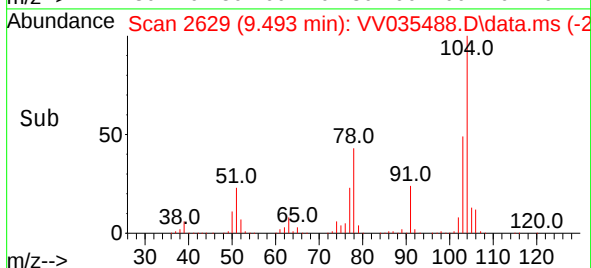
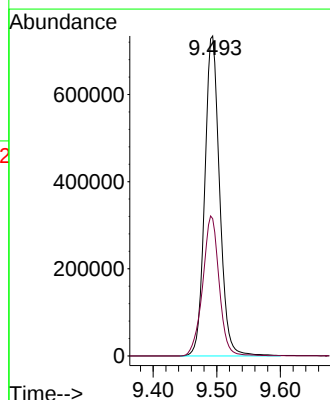
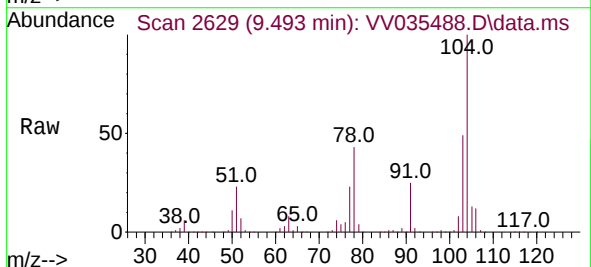
Instrument :
MSVOA_V
ClientSampleId :

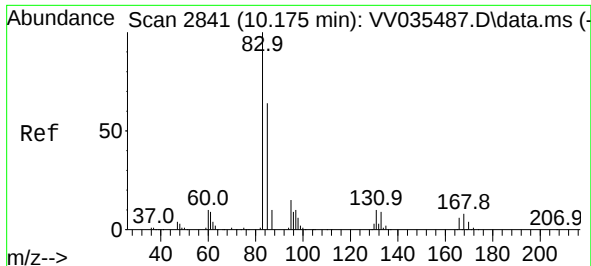
Tgt Ion:106 Resp: 669078
Ion Ratio Lower Upper
106 100
91 214.0 149.9 278.3



#55
Styrene
Concen: 116.051 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

Tgt Ion:104 Resp: 1193291
Ion Ratio Lower Upper
104 100
78 42.9 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 108.697 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

Instrument :

MSVOA_V

ClientSampleId :

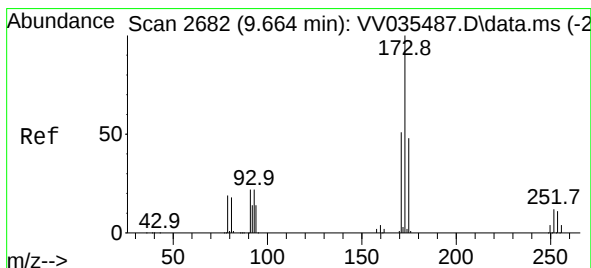
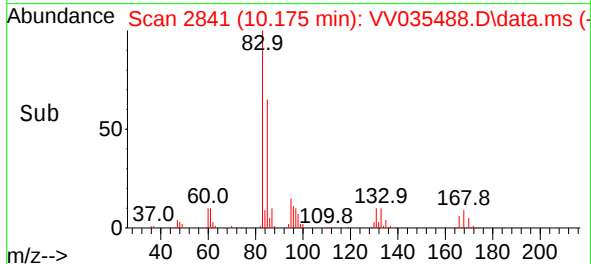
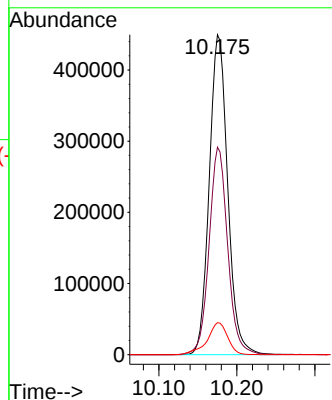
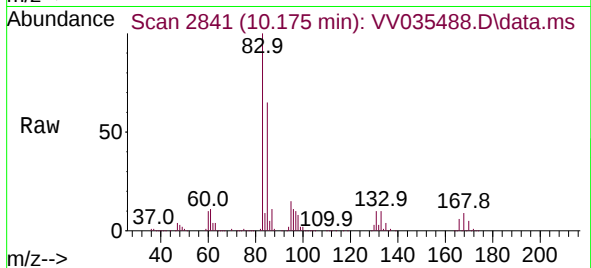
Tgt Ion: 83 Resp: 738540

Ion Ratio Lower Upper

83 100

85 64.9 44.9 83.5

131 10.0 8.1 12.1



#59

Bromoform

Concen: 107.140 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.000 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

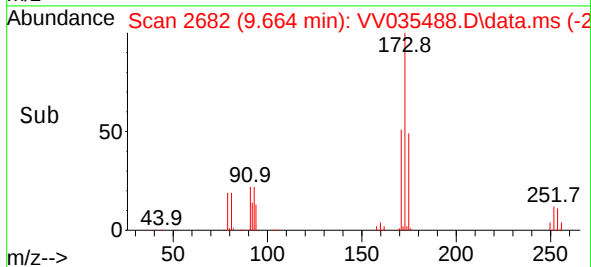
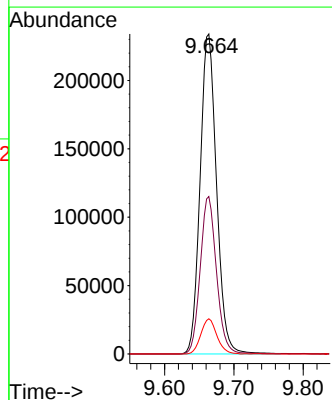
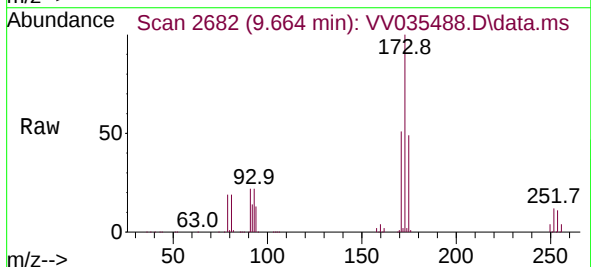
Tgt Ion: 173 Resp: 386152

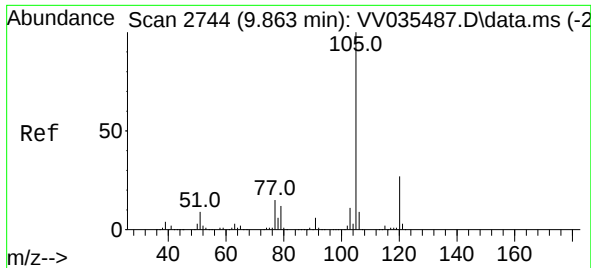
Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.6

254 10.7 8.5 12.7

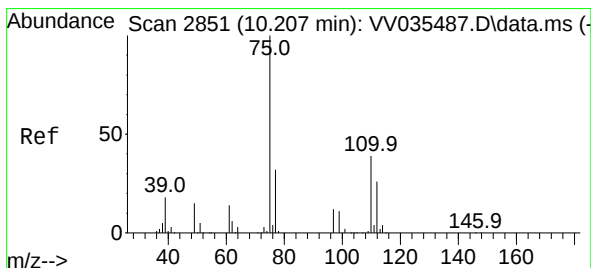
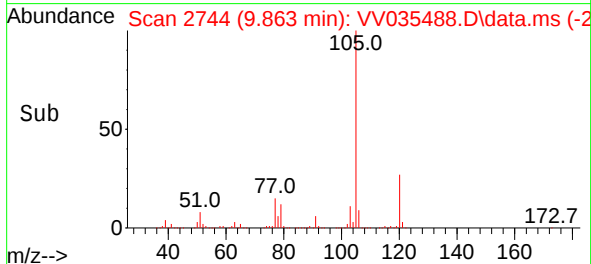
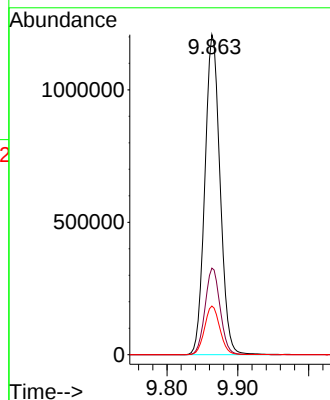
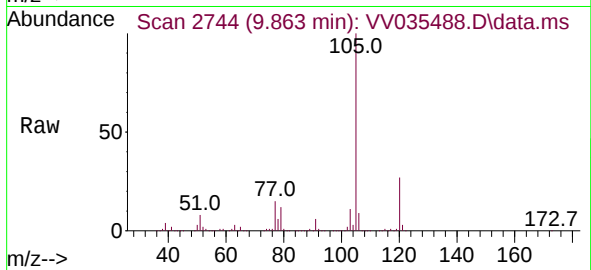




#60
Isopropylbenzene
Concen: 105.861 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

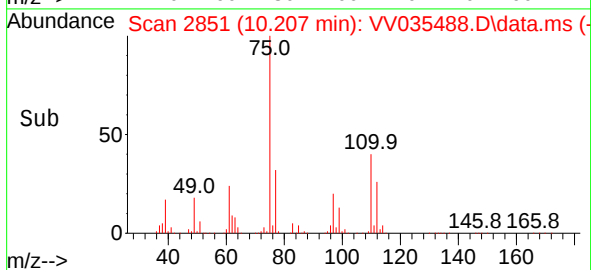
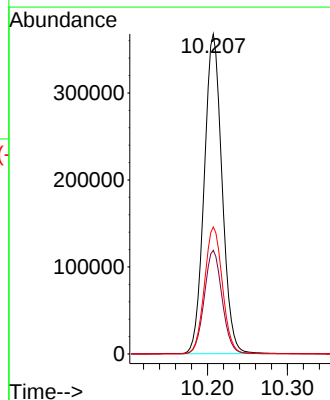
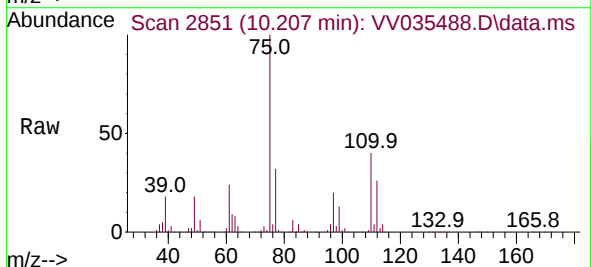
Instrument :
MSVOA_V
ClientSampleId :

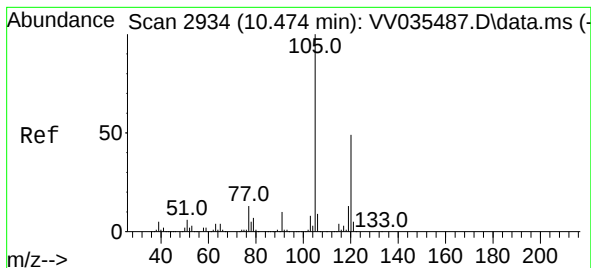
Tgt Ion:105 Resp: 1801417
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 15.2 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 101.112 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035488.D
Acq: 01 May 2024 11:20

Tgt Ion: 75 Resp: 570245
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6
110 40.2 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 109.598 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

Instrument :

MSVOA_V

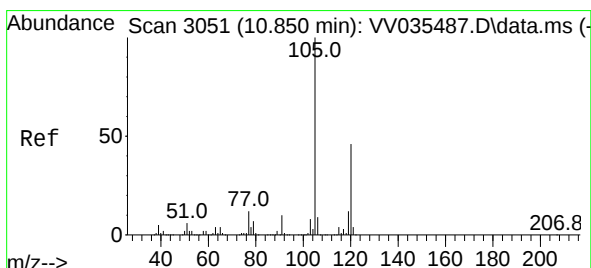
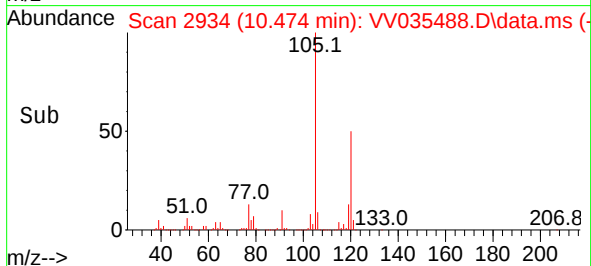
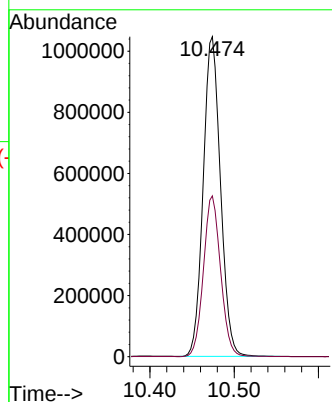
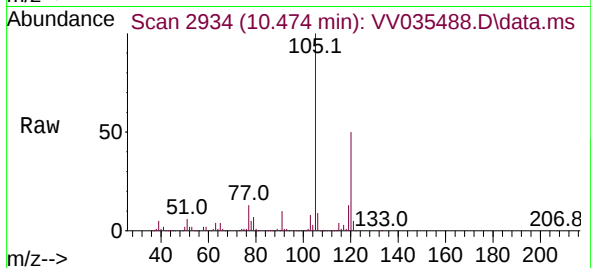
ClientSampleId :

Tgt Ion:105 Resp: 1496308

Ion Ratio Lower Upper

105 100

120 49.9 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 113.294 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.003 min

Lab File: VV035488.D

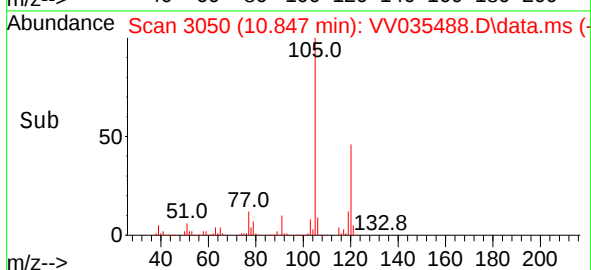
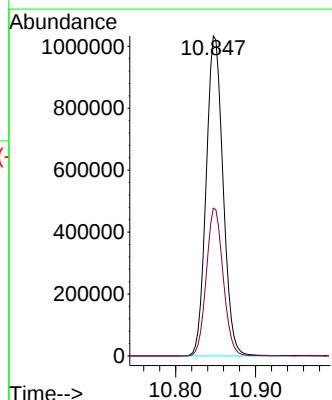
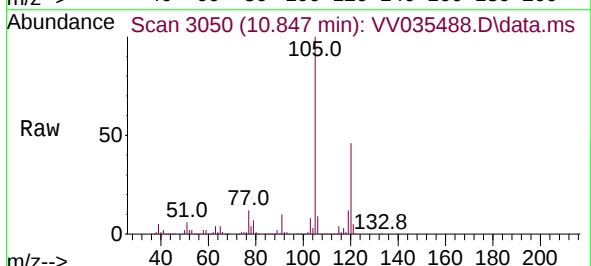
Acq: 01 May 2024 11:20

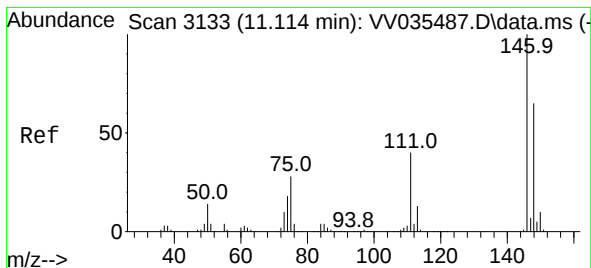
Tgt Ion:105 Resp: 1517278

Ion Ratio Lower Upper

105 100

120 46.2 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 101.471 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

Instrument :

MSVOA_V

ClientSampleId :

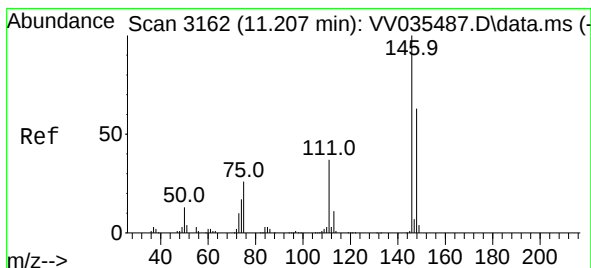
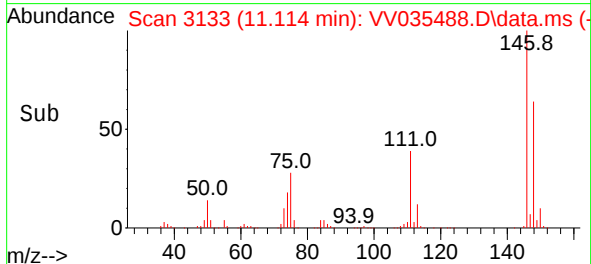
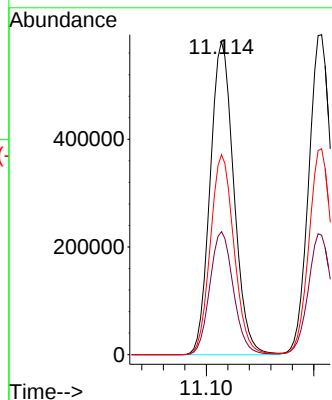
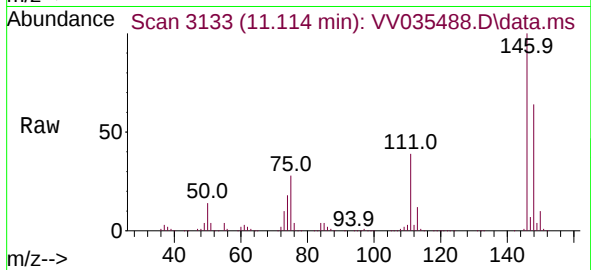
Tgt Ion:146 Resp: 889314

Ion Ratio Lower Upper

146 100

111 39.3 27.9 51.7

148 63.9 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 98.992 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

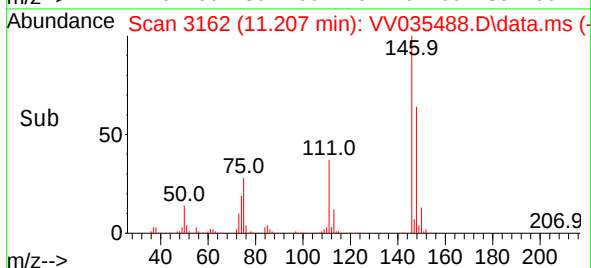
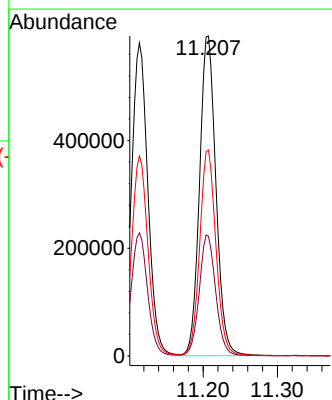
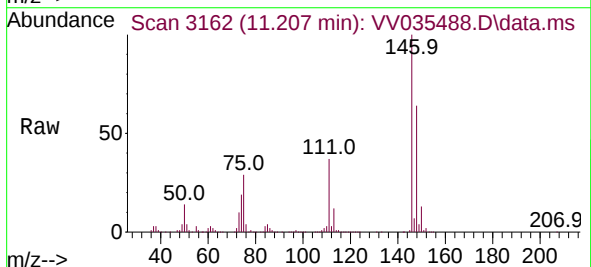
Tgt Ion:146 Resp: 912242

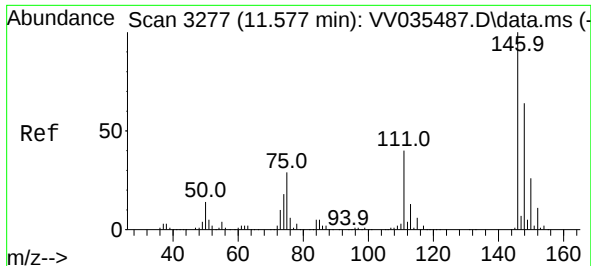
Ion Ratio Lower Upper

146 100

111 37.3 26.4 49.0

148 64.3 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 102.729 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

Instrument :

MSVOA_V

ClientSampleId :

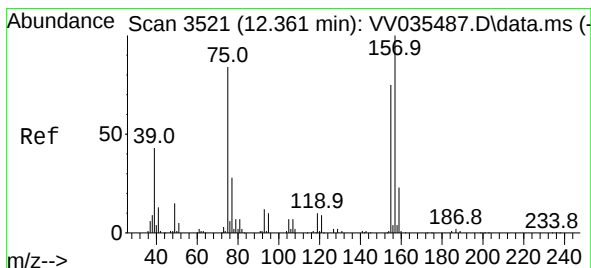
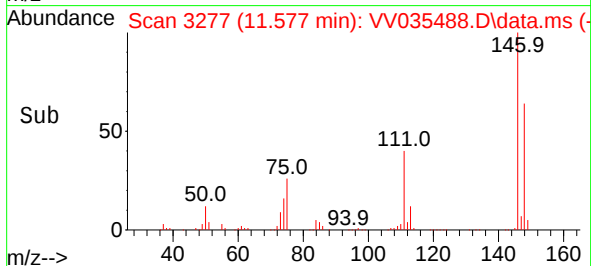
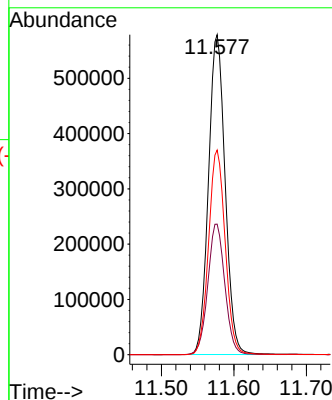
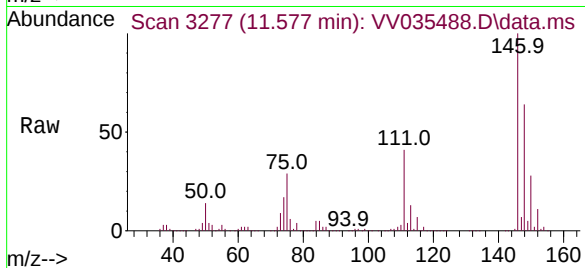
Tgt Ion:146 Resp: 924131

Ion Ratio Lower Upper

146 100

111 40.8 32.1 48.1

148 64.0 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 121.120 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

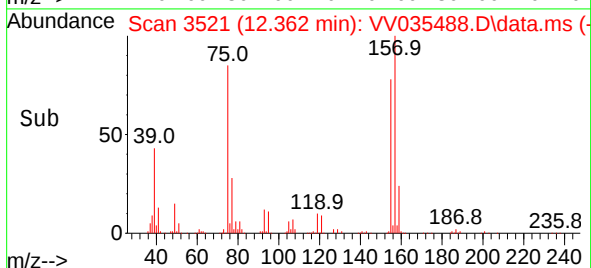
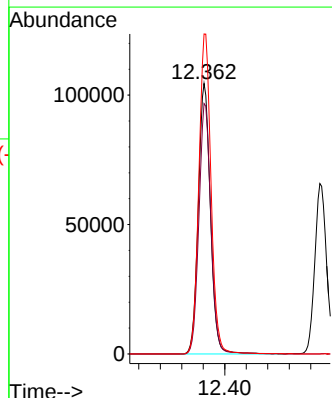
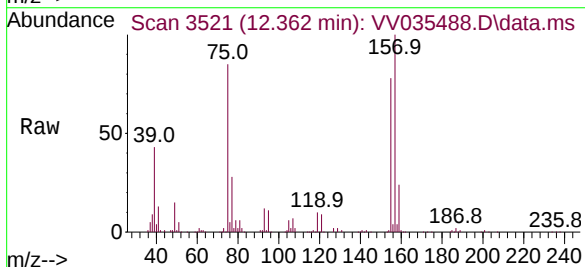
Tgt Ion: 75 Resp: 163405

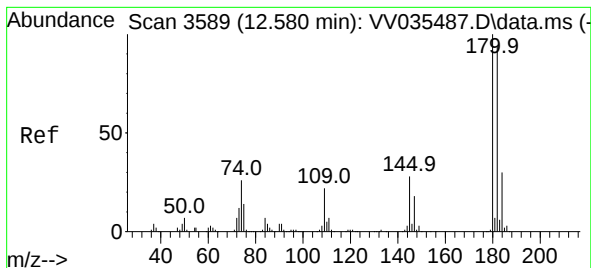
Ion Ratio Lower Upper

75 100

155 92.6 71.4 107.2

157 118.3 95.0 142.4





#69

1,3,5-Trichlorobenzene

Concen: 108.082 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

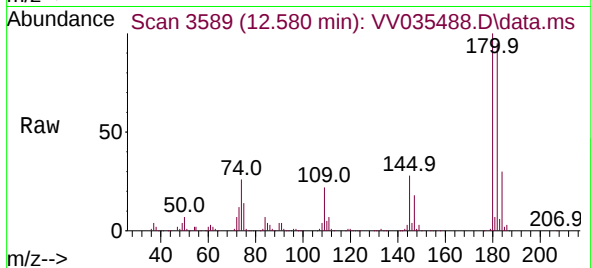
Lab File: VV035488.D

Acq: 01 May 2024 11:20

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 682493

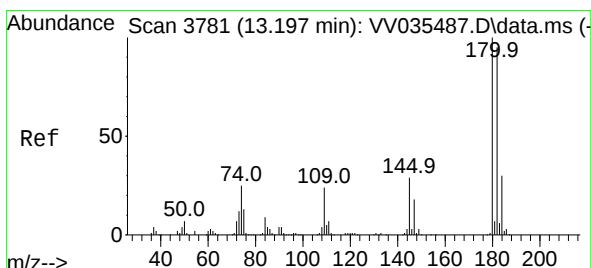
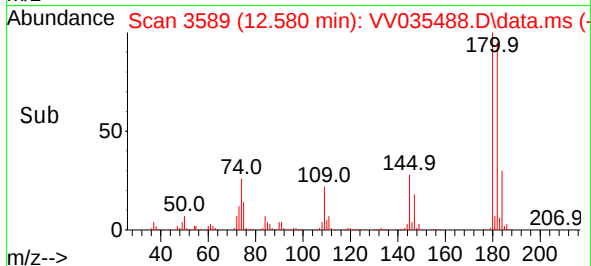
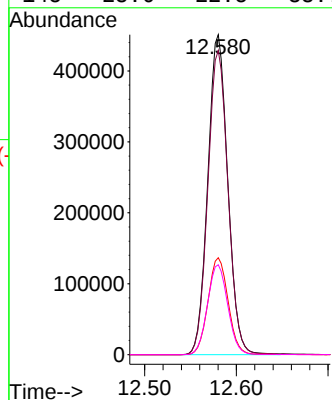
Ion Ratio Lower Upper

180 100

182 95.9 75.7 113.5

184 30.6 24.1 36.1

145 28.6 22.5 33.7



#70

1,2,4-trichlorobenzene

Concen: 116.819 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.003 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

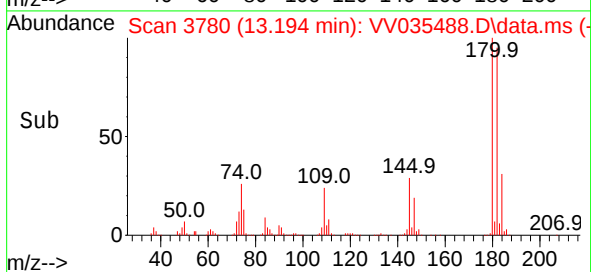
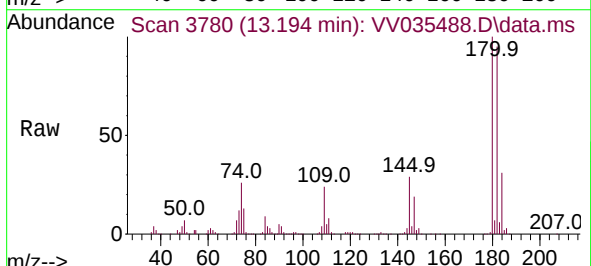
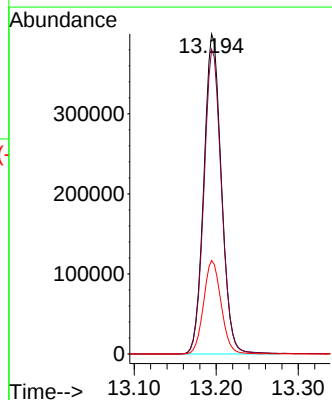
Tgt Ion:180 Resp: 596151

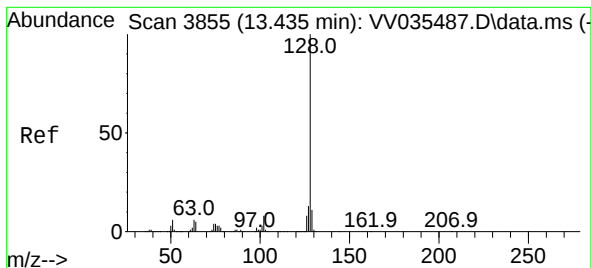
Ion Ratio Lower Upper

180 100

182 95.7 75.7 113.5

145 29.1 23.0 34.4





#71

Naphthalene

Concen: 145.026 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

Instrument :

MSVOA_V

ClientSampleId :

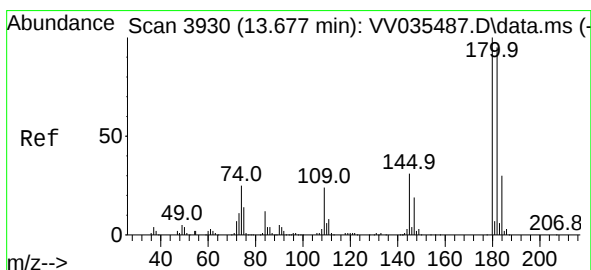
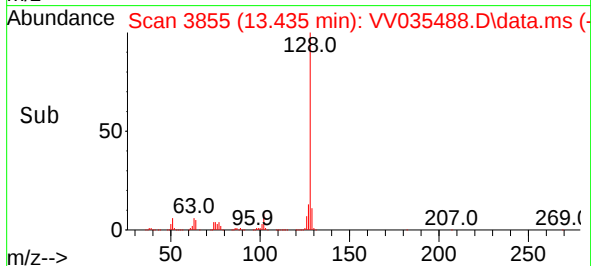
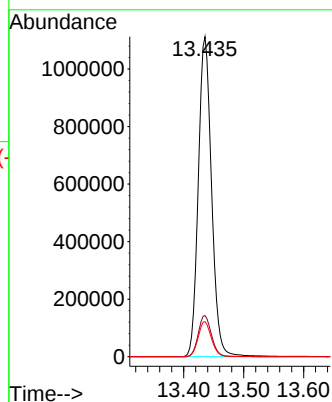
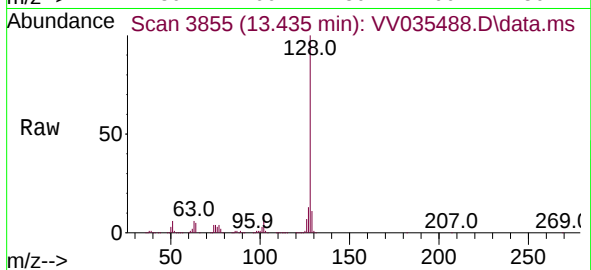
Tgt Ion:128 Resp: 1714170

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 120.387 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035488.D

Acq: 01 May 2024 11:20

Tgt Ion:180 Resp: 604986

Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.2

145 31.3 24.9 37.3

