

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050824\
 Data File : VV035559.D
 Acq On : 08 May 2024 17:24
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 09 01:18:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 01:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	420721	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	444015	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	261156	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	133842	20.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.320%
7) Chloroethane-d5	1.526	69	112329	21.412	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.640%
11) 1,1-Dichloroethene-d2	2.050	65	61625	21.406	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.640%
21) 2-Butanone-d5	3.834	46	95922	51.978	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.960%
24) Chloroform-d	4.246	84	294741	23.565	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.240%
26) 1,2-Dichloroethane-d4	4.941	65	150924	24.408	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.640%
32) Benzene-d6	4.957	84	538596	22.160	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.640%
36) 1,2-Dichloropropane-d6	5.986	67	170292	22.703	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.800%
41) Toluene-d8	7.239	98	495373	22.900	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.551	79	74128	23.108	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.440%
47) 2-Hexanone-d5	8.030	63	77808	57.689	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.380%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	195259	27.015	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.040%
66) 1,2-Dichlorobenzene-d4	11.558	152	203042	22.403	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	223299	26.106	ug/L	99
3) Chloromethane	1.211	50	202066	23.529	ug/L	100
5) Vinyl chloride	1.278	62	228651	25.771	ug/L	100
6) Bromomethane	1.484	94	138945	24.733	ug/L	99
8) Chloroethane	1.545	64	145336	26.573	ug/L	100
9) Trichlorofluoromethane	1.709	101	326048	28.155	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	213358	29.200	ug/L	98
12) 1,1-Dichloroethene	2.063	96	178545	27.053	ug/L	97
13) Acetone	2.156	43	120998	44.791	ug/L	100
14) Carbon disulfide	2.233	76	493365	23.601	ug/L	99
15) Methyl Acetate	2.384	43	101777	24.867	ug/L #	89
16) Methylene chloride	2.442	84	245765	25.332	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	197868	27.006	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	550915	31.172	ug/L	99
19) 1,1-Dichloroethane	3.105	63	391732	28.519	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	217984	27.445	ug/L	98
22) 2-Butanone	3.912	43	123860	49.372	ug/L	91
23) Bromochloromethane	4.143	128	111224	28.953	ug/L	96
25) Chloroform	4.272	83	408451	28.797	ug/L	99

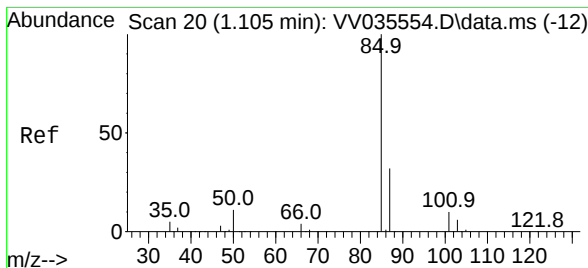
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 Quant Title : VOC Analysis
 QLast Update : Thu May 09 01:17:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	266393	30.161	ug/L	100
29) Cyclohexane	4.577	56	288422	27.164	ug/L	100
30) 1,1,1-Trichloroethane	4.507	97	351478	28.549	ug/L	100
31) Carbon tetrachloride	4.732	117	309231	28.627	ug/L	100
33) Benzene	5.005	78	825257	28.083	ug/L	100
34) Trichloroethene	5.831	95	234306	28.187	ug/L	99
35) Methylcyclohexane	6.047	83	348423	27.609	ug/L	99
37) 1,2-Dichloropropane	6.088	63	224857	29.328	ug/L	100
38) Bromodichloromethane	6.429	83	298937	28.782	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	344257	28.708	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	298453	64.998	ug/L	99
42) Toluene	7.313	91	898696	28.898	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	316050	30.128	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	199007	30.549	ug/L	99
46) Tetrachloroethene	7.902	164	187275	27.731	ug/L	99
48) 2-Hexanone	8.079	43	212243	61.649	ug/L	98
49) Dibromochloromethane	8.175	129	222229	30.232	ug/L	98
50) 1,2-Dibromoethane	8.281	107	192991	30.072	ug/L	98
51) Chlorobenzene	8.812	112	607666	28.160	ug/L	99
52) Ethylbenzene	8.944	91	1001277	29.161	ug/L	100
53) m,p-Xylene	9.069	106	381952	29.320	ug/L	100
54) o-Xylene	9.477	106	366645	29.696	ug/L	100
55) Styrene	9.493	104	663494	30.810	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	249426	31.432	ug/L	99
59) Bromoform	9.664	173	156529	30.499	ug/L	100
60) Isopropylbenzene	9.866	105	1029347	29.589	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	190693	31.161	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	829354	30.390	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	831072	29.635	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	509571	27.912	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	522360	27.638	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	480241	27.945	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	45715	32.210	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	397239	27.844	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	335019	28.123	ug/L	100
71) Naphthalene	13.435	128	616427	29.475	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	316016	29.488	ug/L	100

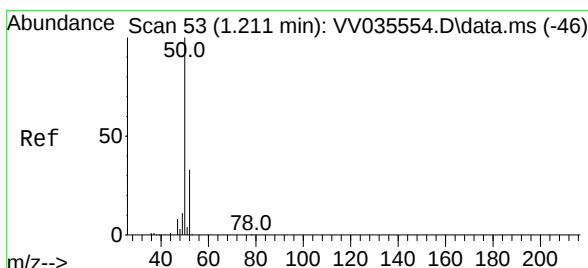
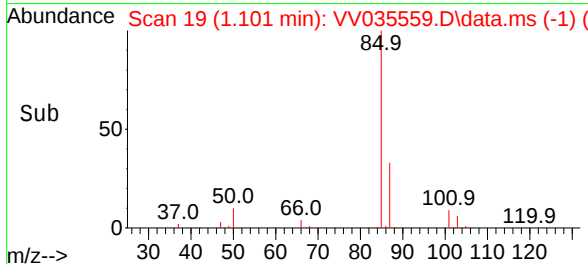
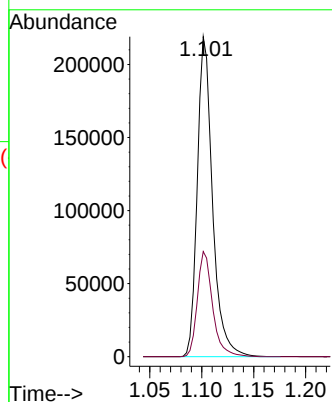
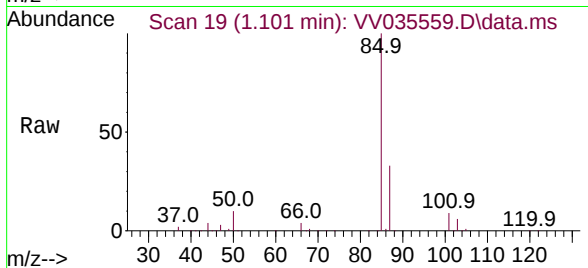
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#2
 Dichlorodifluoromethane
 Concen: 26.106 ug/L
 RT: 1.101 min Scan# 19
 Delta R.T. -0.003 min
 Lab File: VV035559.D
 Acq: 08 May 2024 17:24

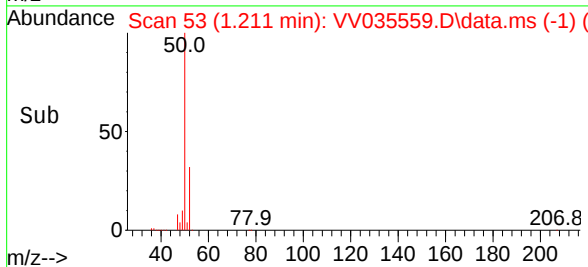
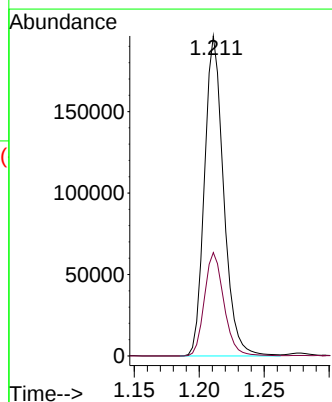
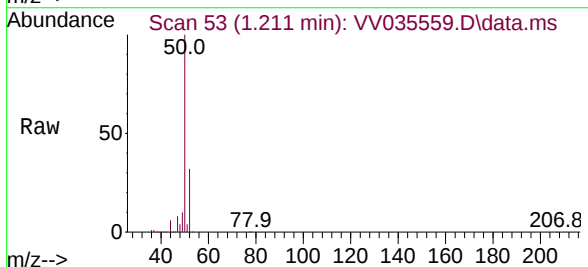
Instrument :
 MSVOA_V
 ClientSampleId :

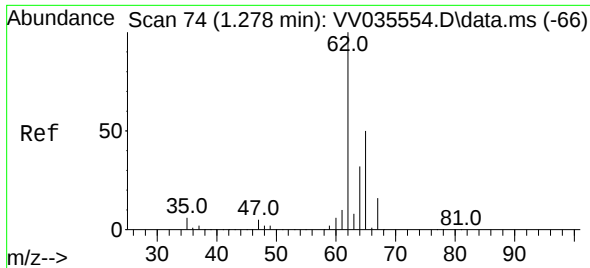
Tgt Ion: 85 Resp: 223299
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.6



#3
 Chloromethane
 Concen: 23.529 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: VV035559.D
 Acq: 08 May 2024 17:24

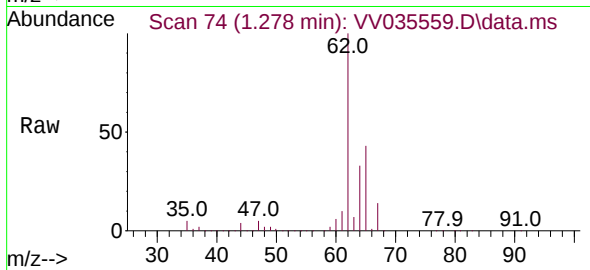
Tgt Ion: 50 Resp: 202066
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.7 42.1



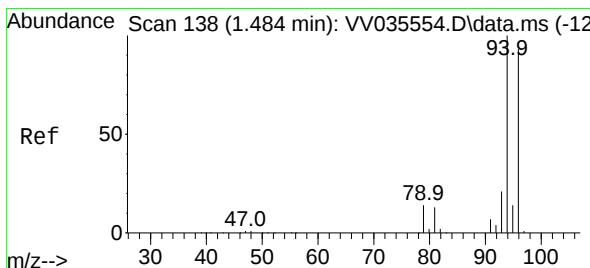
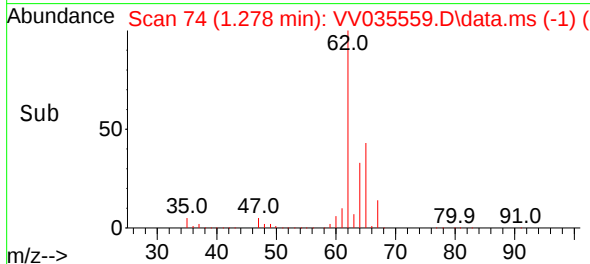
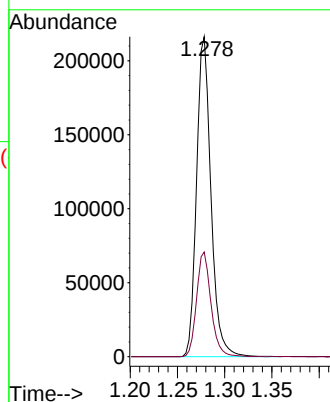


#5
 Vinyl chloride
 Concen: 25.771 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV035559.D
 Acq: 08 May 2024 17:24

Instrument :
 MSVOA_V
 ClientSampleId :

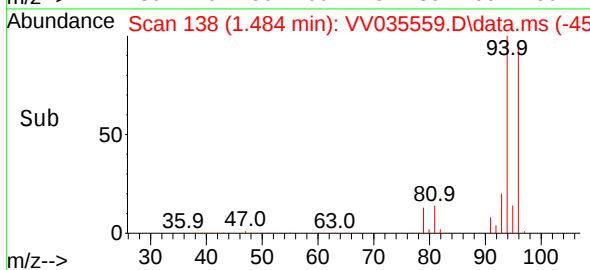
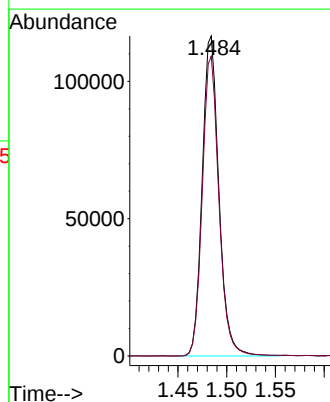
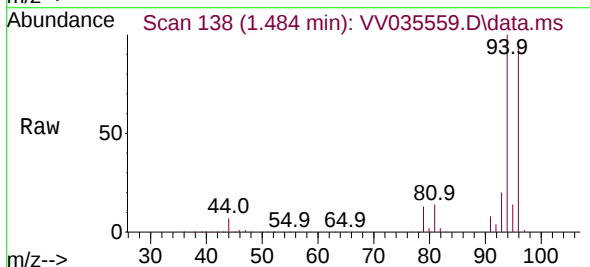


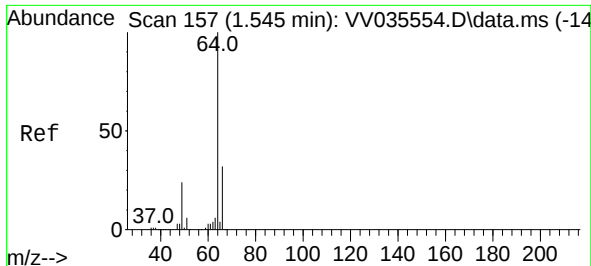
Tgt Ion: 62 Resp: 228651
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.6



#6
 Bromomethane
 Concen: 24.733 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV035559.D
 Acq: 08 May 2024 17:24

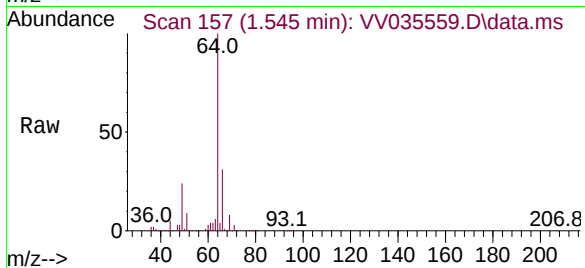
Tgt Ion: 94 Resp: 138945
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.2 121.0



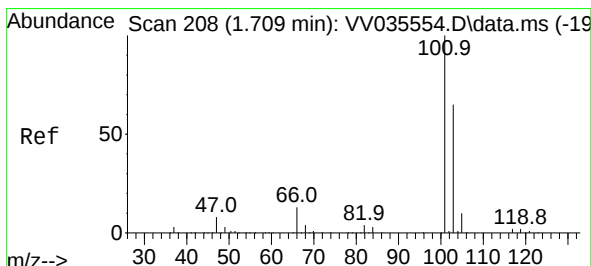
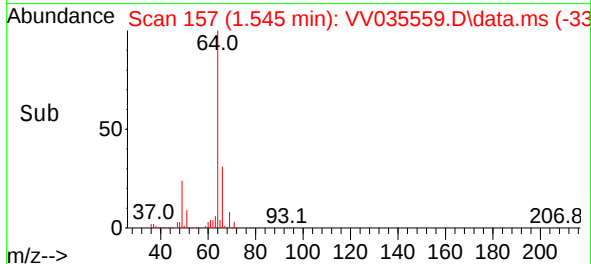
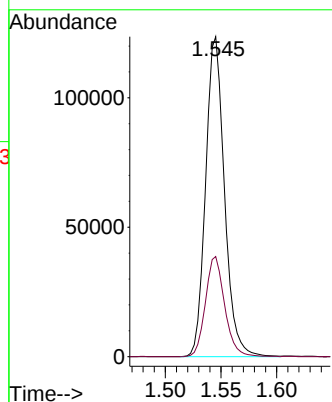


#8
Chloroethane
Concen: 26.573 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

Instrument :
MSVOA_V
ClientSampleId :

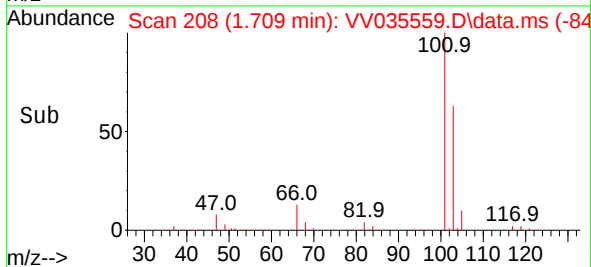
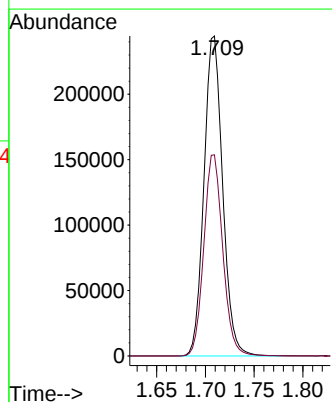
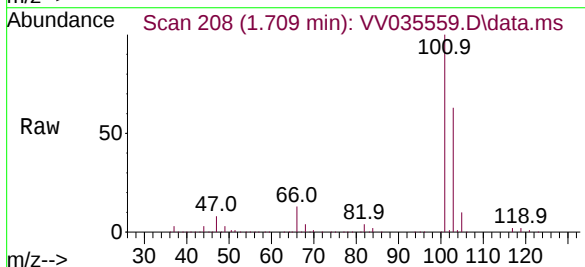


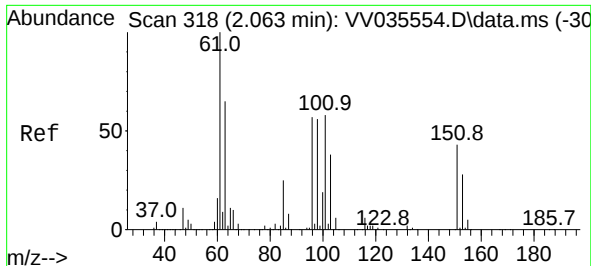
Tgt Ion: 64 Resp: 145336
Ion Ratio Lower Upper
64 100
66 31.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 28.155 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

Tgt Ion:101 Resp: 326048
Ion Ratio Lower Upper
101 100
103 63.7 51.5 77.3

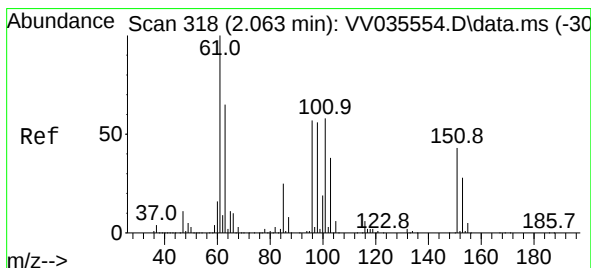
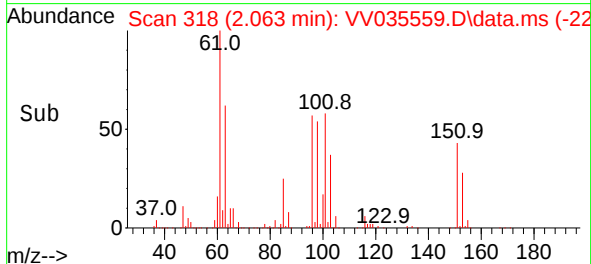
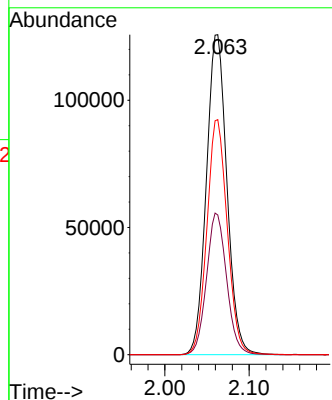
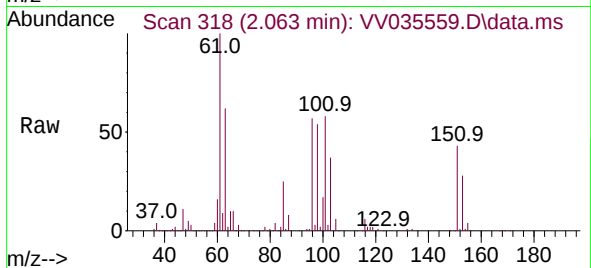




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 29.200 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

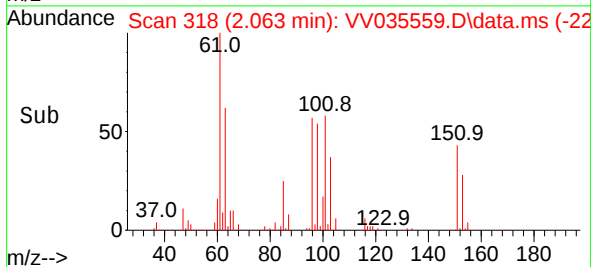
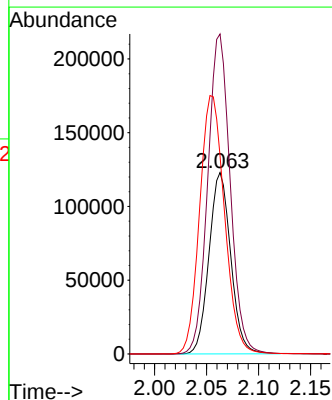
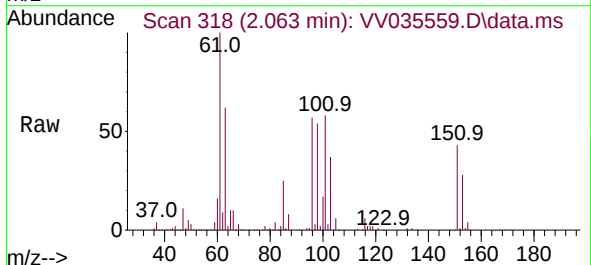
Instrument :
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ClientSampleId :

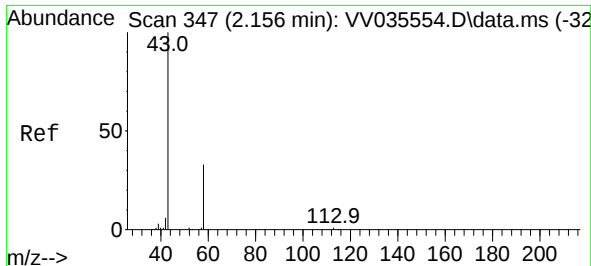
Tgt Ion:101 Resp: 213358
Ion Ratio Lower Upper
101 100
85 43.3 34.2 51.4
151 72.7 59.5 89.3



#12
1,1-Dichloroethene
Concen: 27.053 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

Tgt Ion: 96 Resp: 178545
Ion Ratio Lower Upper
96 100
61 176.4 119.8 222.4
63 109.3 75.6 140.4





#13

Acetone

Concen: 44.791 ug/L

RT: 2.156 min Scan# 347

Delta R.T. -0.000 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

Instrument :

MSVOA_V

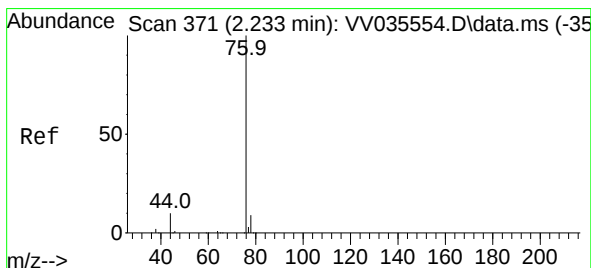
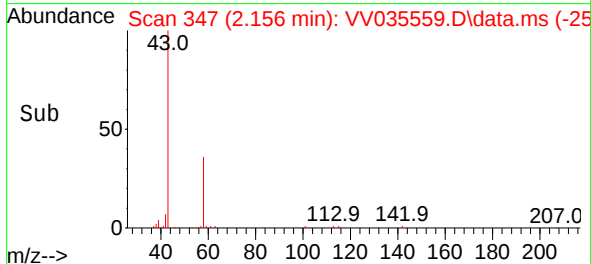
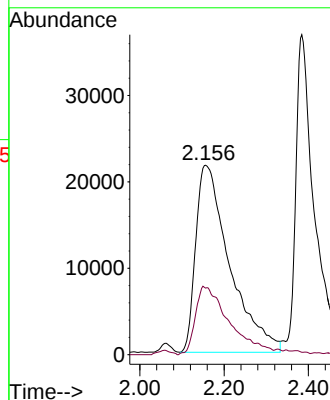
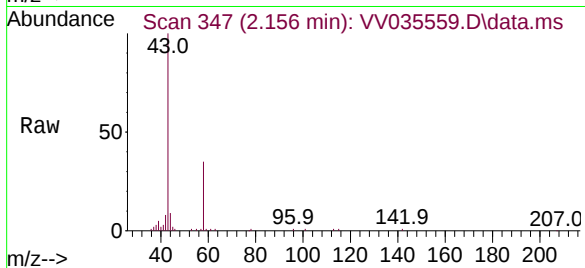
ClientSampleId :

Tgt Ion: 43 Resp: 120998

Ion Ratio Lower Upper

43 100

58 11.4 0.0 22.8



#14

Carbon disulfide

Concen: 23.601 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV035559.D

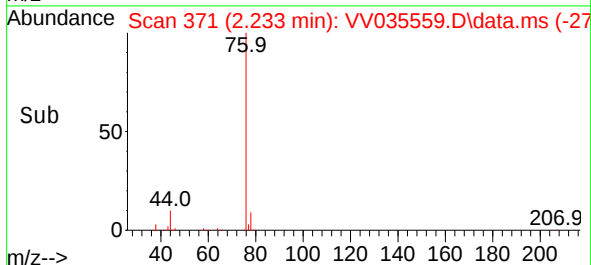
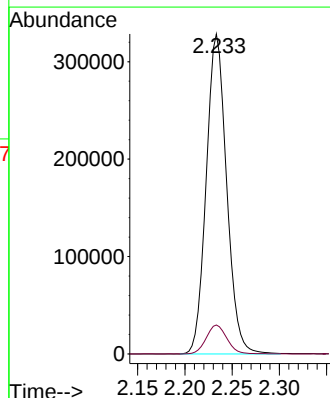
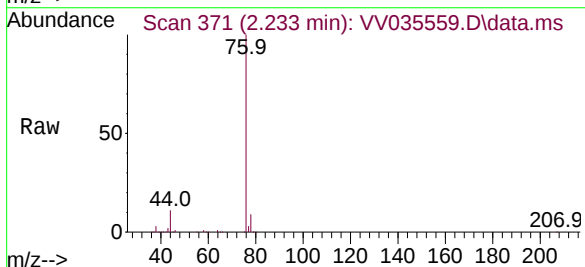
Acq: 08 May 2024 17:24

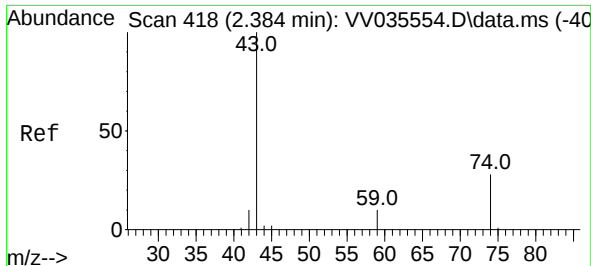
Tgt Ion: 76 Resp: 493365

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3





#15

Methyl Acetate

Concen: 24.867 ug/L

RT: 2.384 min Scan# 418

Delta R.T. -0.000 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

Instrument :

MSVOA_V

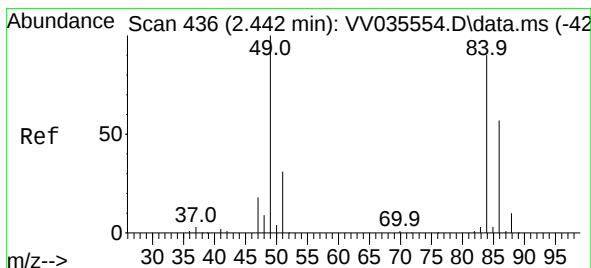
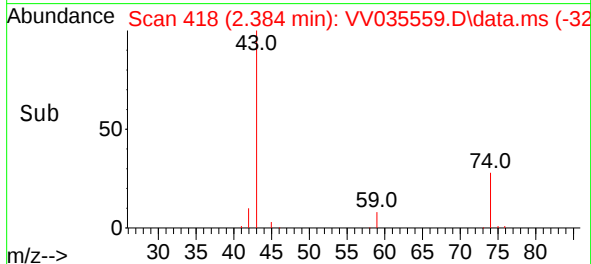
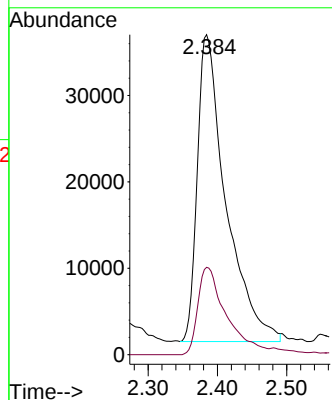
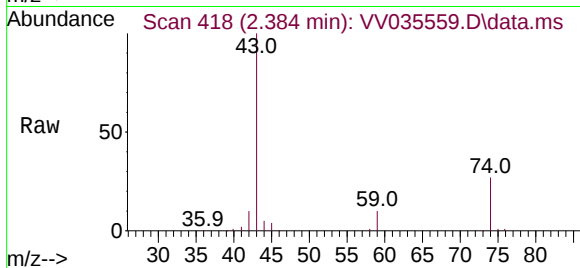
ClientSampleId :

Tgt Ion: 43 Resp: 101777

Ion Ratio Lower Upper

43 100

74 28.5 18.6 27.8#



#16

Methylene chloride

Concen: 25.332 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

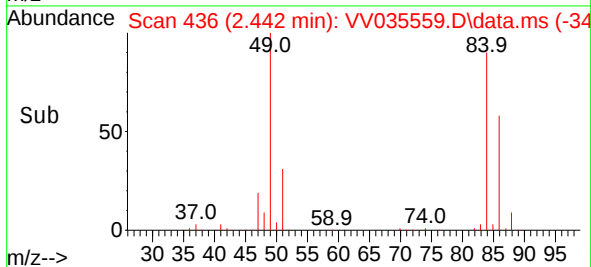
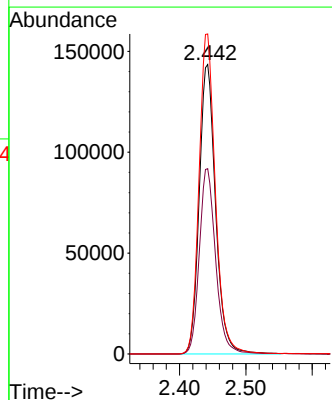
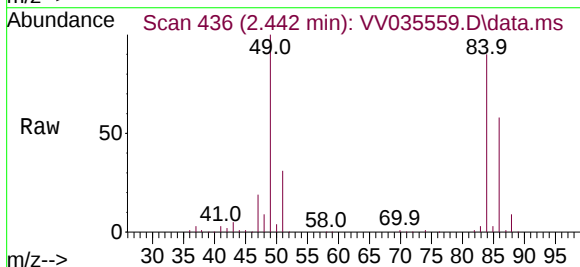
Tgt Ion: 84 Resp: 245765

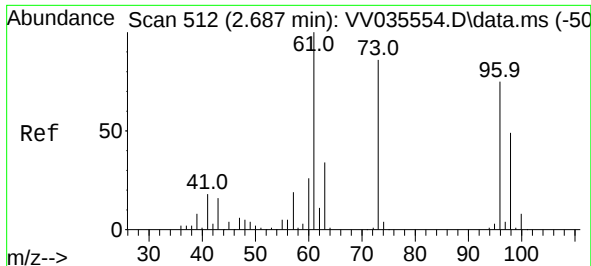
Ion Ratio Lower Upper

84 100

86 64.0 43.8 81.3

49 110.6 75.3 139.9





#17

trans-1,2-Dichloroethene

Concen: 27.006 ug/L

RT: 2.690 min Scan# 512

Delta R.T. 0.003 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

Instrument :

MSVOA_V

ClientSampleId :

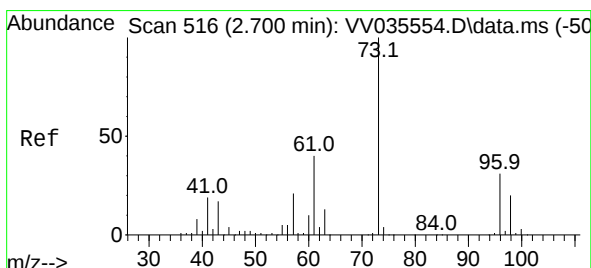
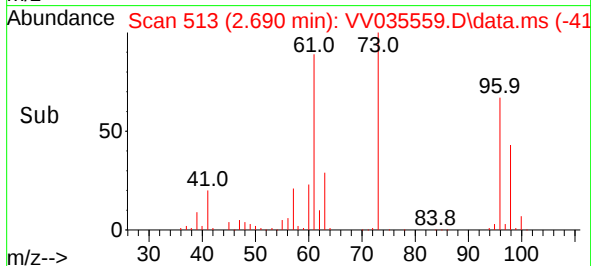
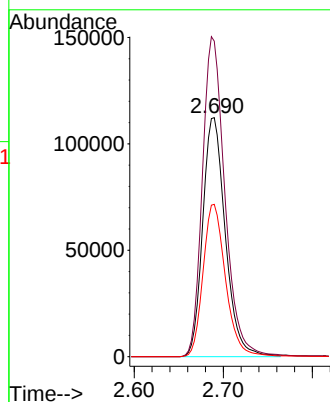
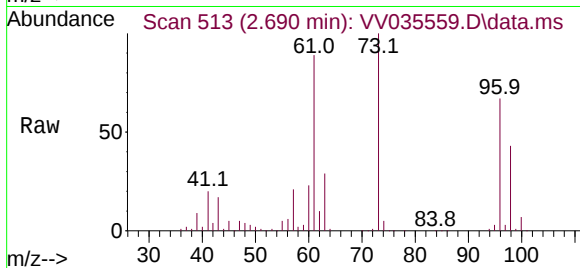
Tgt Ion: 96 Resp: 197868

Ion Ratio Lower Upper

96 100

61 132.0 95.5 177.4

98 63.7 46.0 85.4



#18

Methyl tert-butyl Ether

Concen: 31.172 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

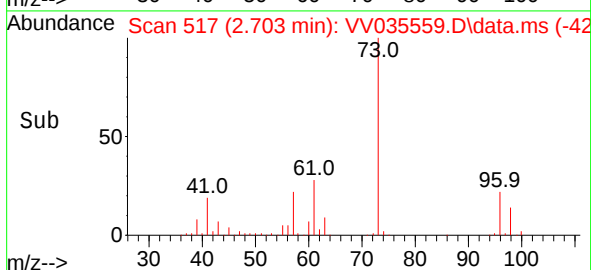
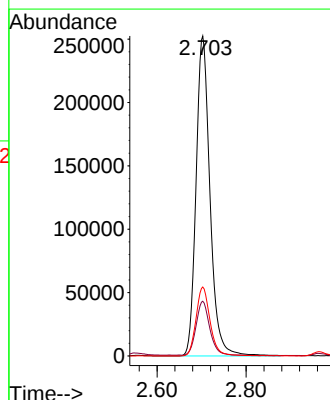
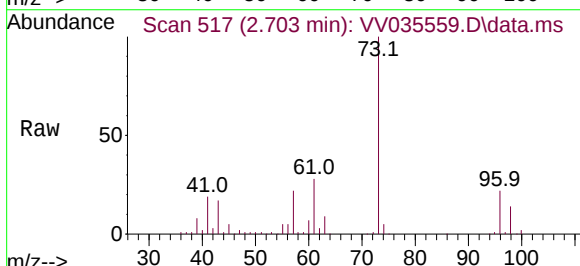
Tgt Ion: 73 Resp: 550915

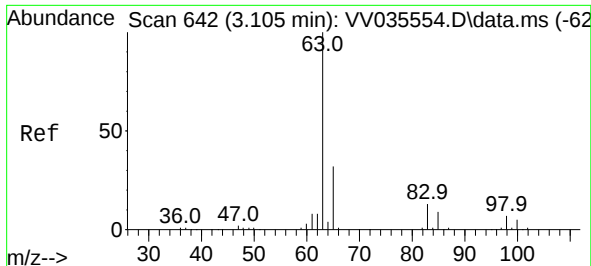
Ion Ratio Lower Upper

73 100

43 16.3 13.3 19.9

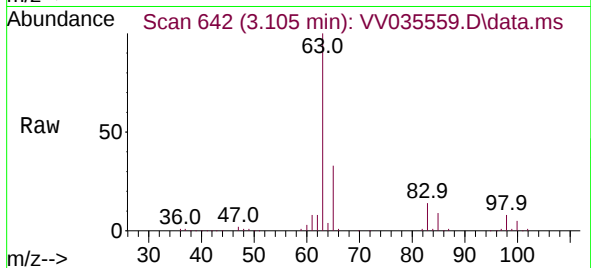
57 21.5 17.4 26.2



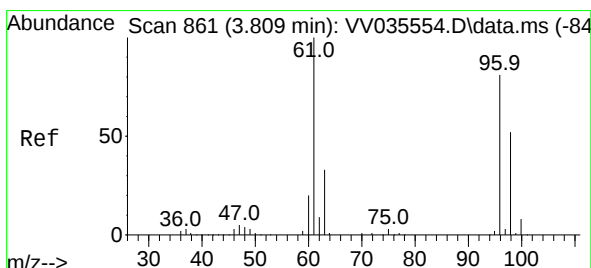
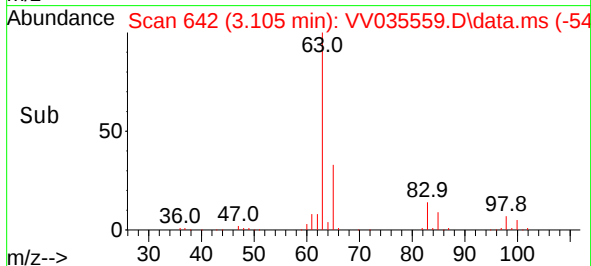
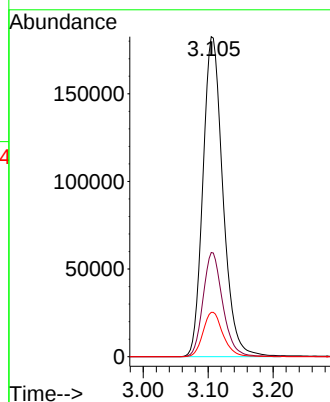


#19
1,1-Dichloroethane
Concen: 28.519 ug/L
RT: 3.105 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

Instrument :
MSVOA_V
ClientSampleId :

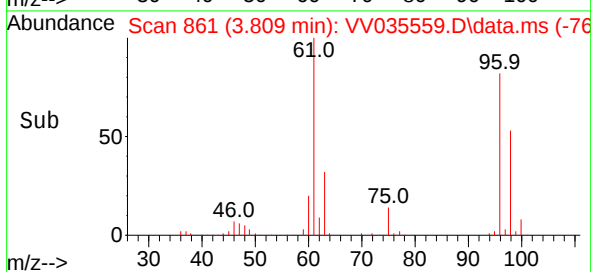
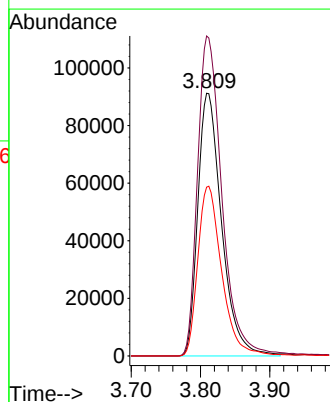
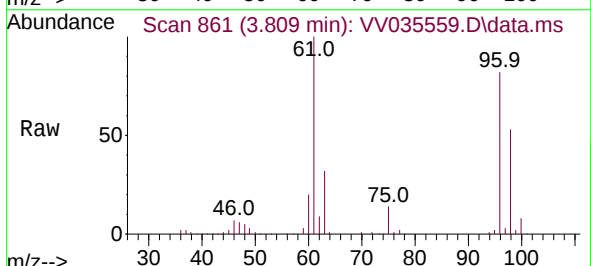


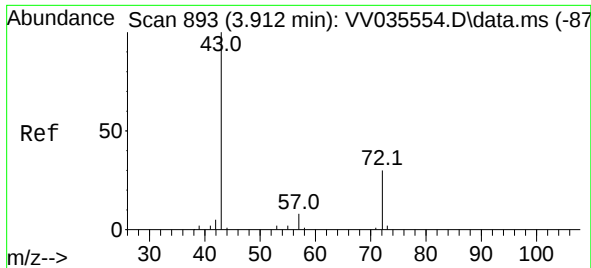
Tgt Ion: 63 Resp: 391732
Ion Ratio Lower Upper
63 100
65 32.6 22.7 42.3
83 13.8 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 27.445 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

Tgt Ion: 96 Resp: 217984
Ion Ratio Lower Upper
96 100
61 121.8 83.9 155.9
98 64.2 44.0 81.8

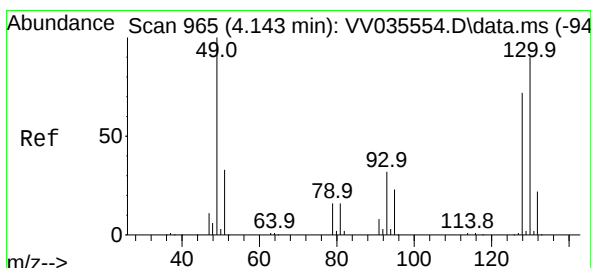
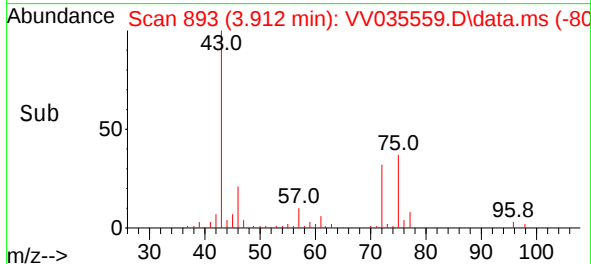
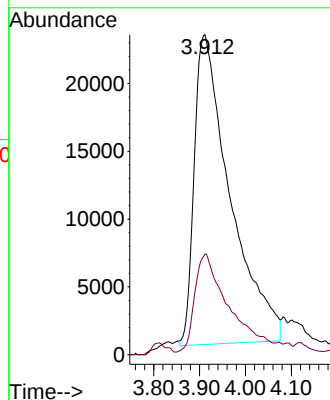
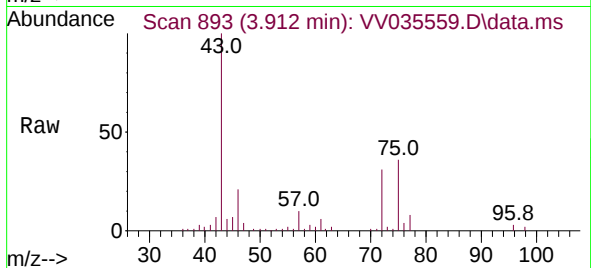




#22
2-Butanone
Concen: 49.372 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

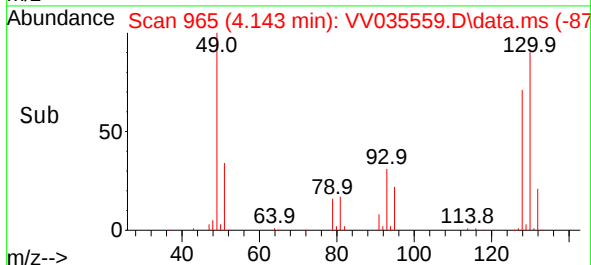
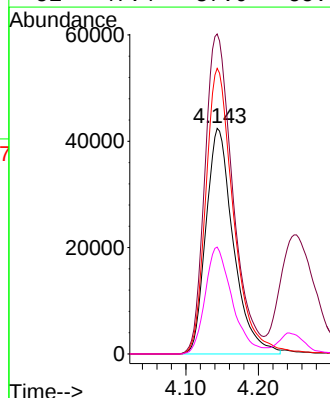
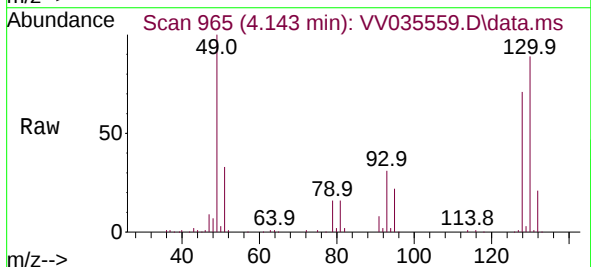
Instrument :
MSVOA_V
ClientSampleId :

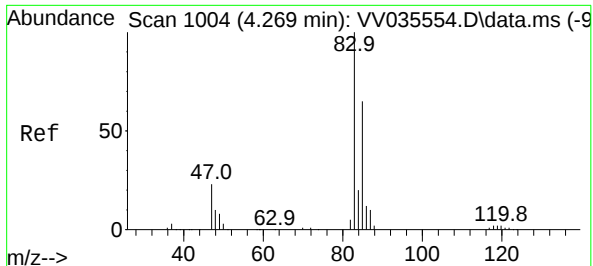
Tgt Ion: 43 Resp: 123860
Ion Ratio Lower Upper
43 100
72 28.9 12.3 36.9



#23
Bromochloromethane
Concen: 28.953 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.000 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

Tgt Ion: 128 Resp: 111224
Ion Ratio Lower Upper
128 100
49 141.8 103.1 191.5
130 126.6 91.8 170.4
51 47.4 37.0 55.4





#25

Chloroform

Concen: 28.797 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

Instrument :

MSVOA_V

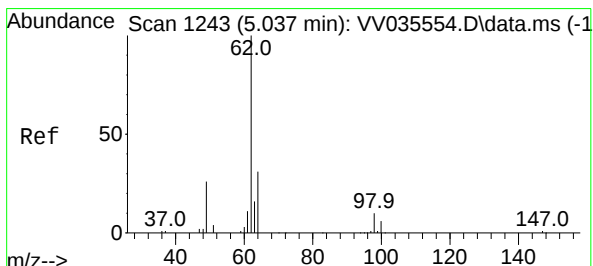
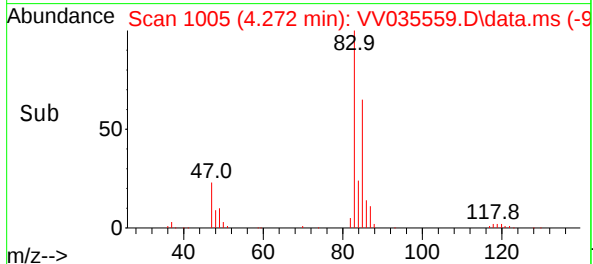
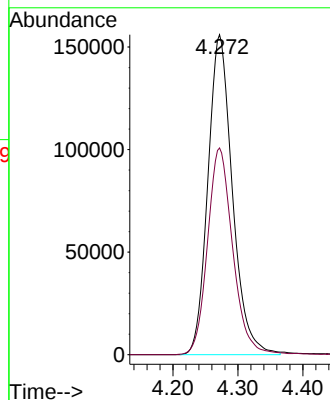
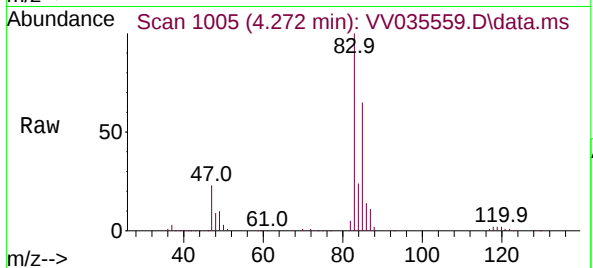
ClientSampleId :

Tgt Ion: 83 Resp: 408451

Ion Ratio Lower Upper

83 100

85 64.6 44.7 82.9



#27

1,2-Dichloroethane

Concen: 30.161 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV035559.D

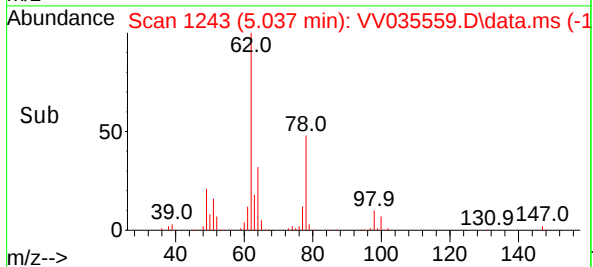
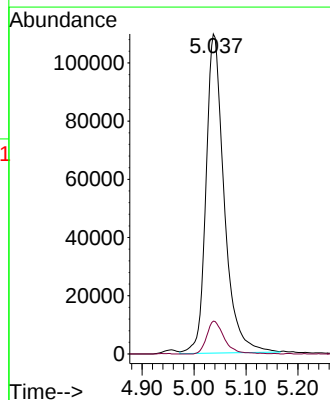
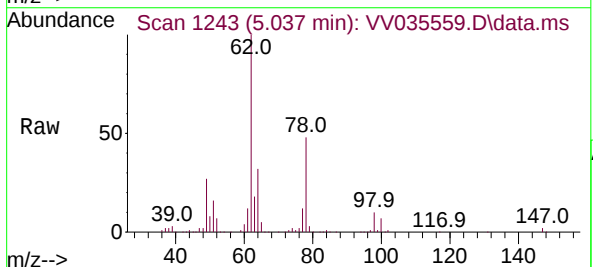
Acq: 08 May 2024 17:24

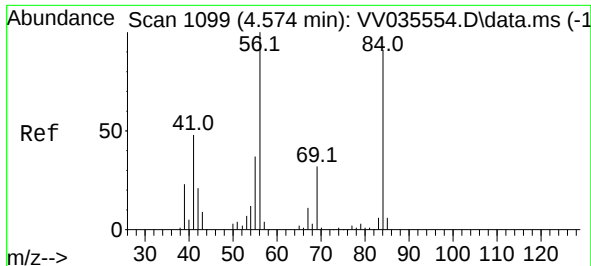
Tgt Ion: 62 Resp: 266393

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.2





#29

Cyclohexane

Concen: 27.164 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

Instrument :

MSVOA_V

ClientSampleId :

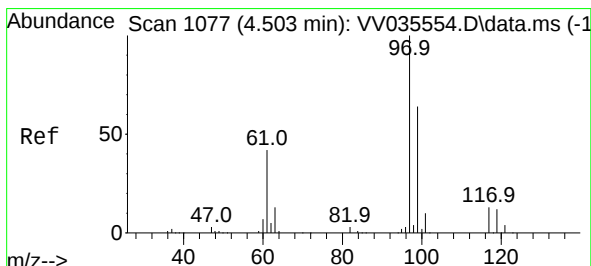
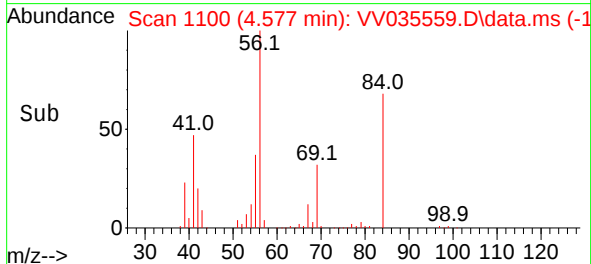
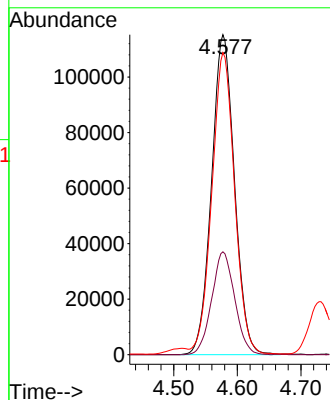
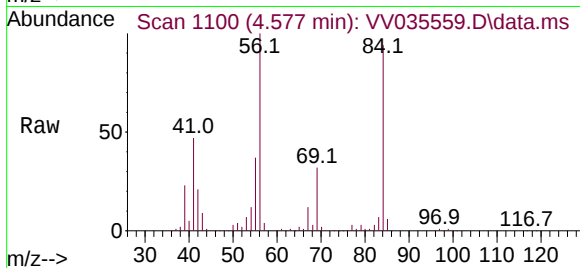
Tgt Ion: 56 Resp: 288422

Ion Ratio Lower Upper

56 100

69 32.2 25.6 38.4

84 93.2 74.8 112.2



#30

1,1,1-Trichloroethane

Concen: 28.549 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

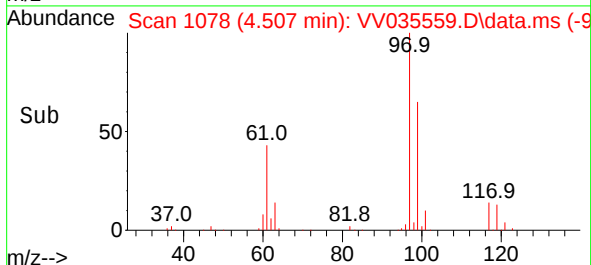
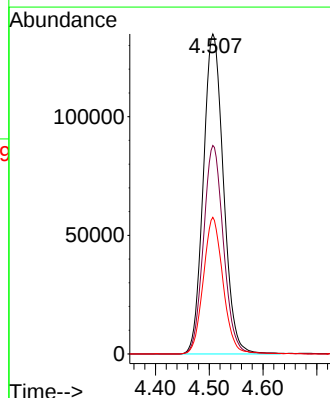
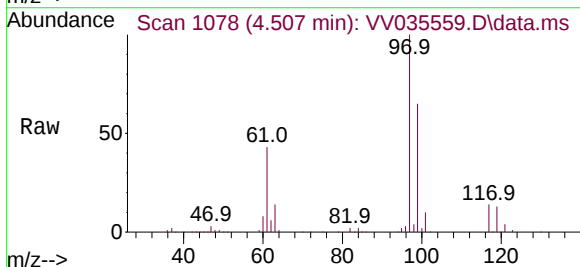
Tgt Ion: 97 Resp: 351478

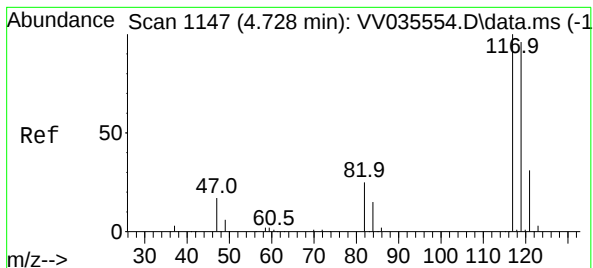
Ion Ratio Lower Upper

97 100

99 64.8 51.7 77.5

61 41.6 33.5 50.3





#31

Carbon tetrachloride

Concen: 28.627 ug/L

RT: 4.732 min Scan# 1147

Delta R.T. 0.003 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

Instrument :

MSVOA_V

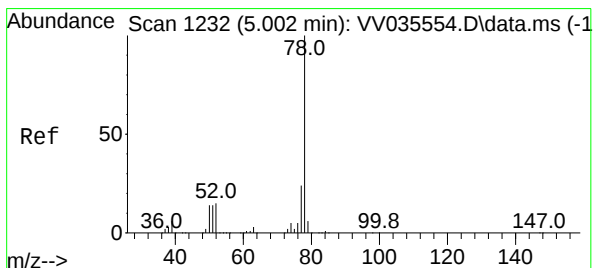
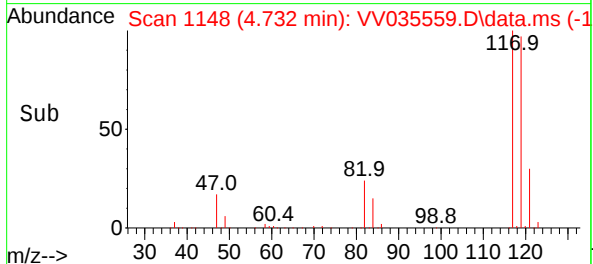
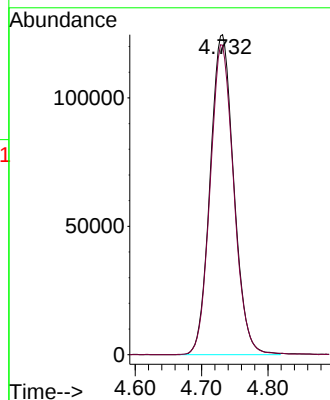
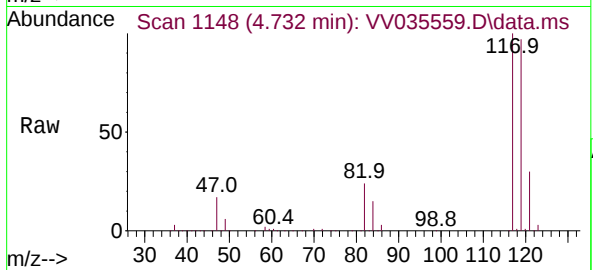
ClientSampleId :

Tgt Ion:117 Resp: 309231

Ion Ratio Lower Upper

117 100

119 96.3 77.3 115.9



#33

Benzene

Concen: 28.083 ug/L

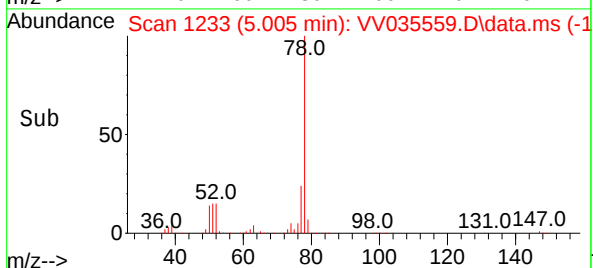
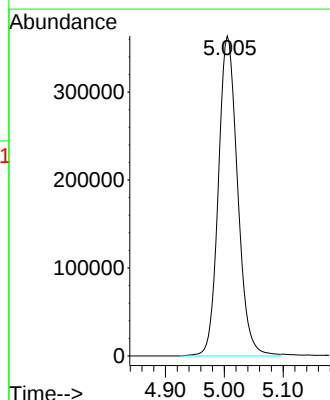
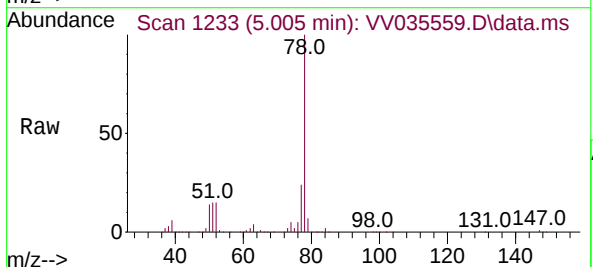
RT: 5.005 min Scan# 1233

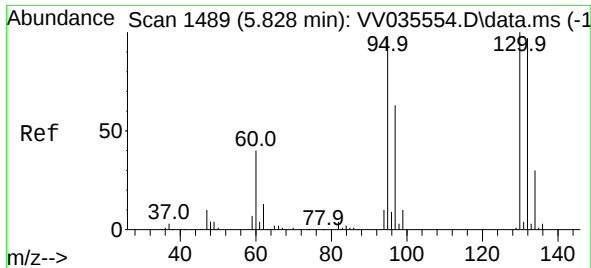
Delta R.T. 0.003 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

Tgt Ion: 78 Resp: 825257

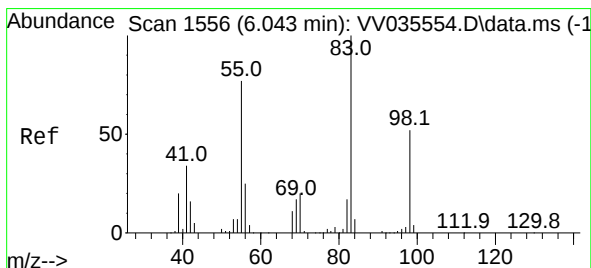
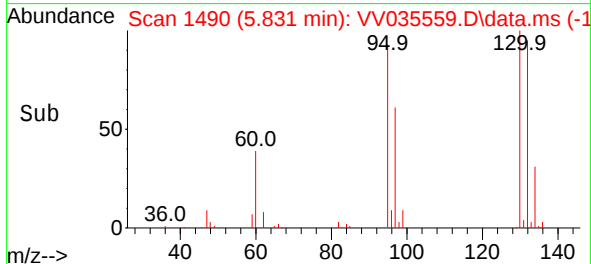
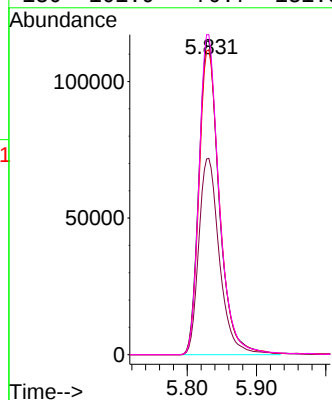
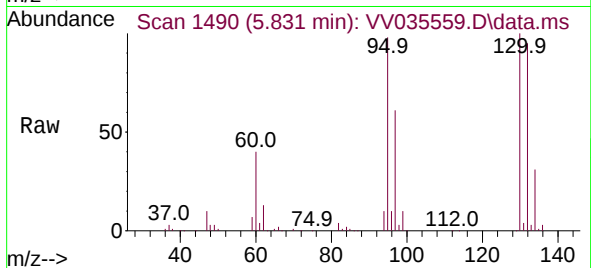




#34
 Trichloroethene
 Concen: 28.187 ug/L
 RT: 5.831 min Scan# 1489
 Delta R.T. 0.003 min
 Lab File: VV035559.D
 Acq: 08 May 2024 17:24

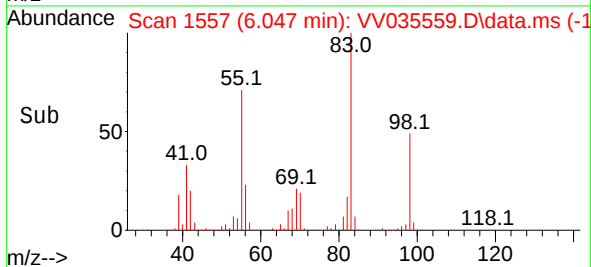
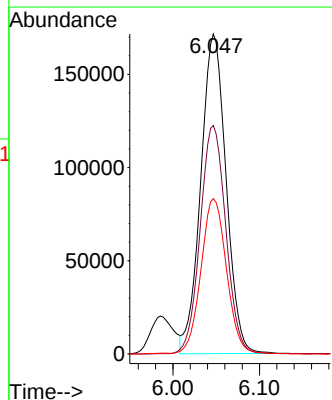
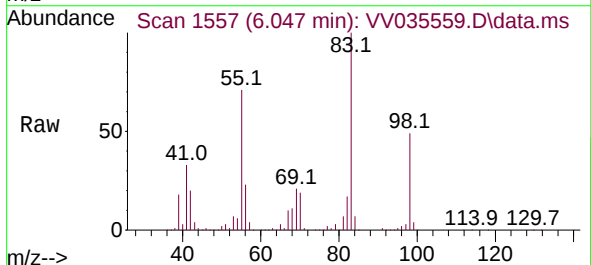
Instrument :
 MSVOA_V
 ClientSampleId :

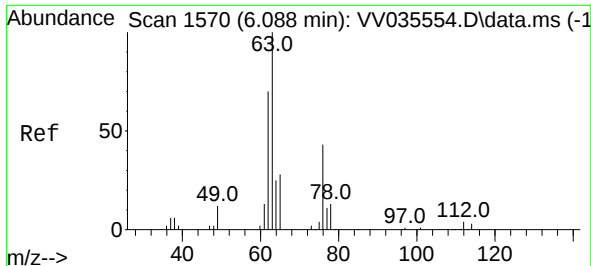
Tgt Ion: 95 Resp: 234306
 Ion Ratio Lower Upper
 95 100
 97 62.5 43.8 81.4
 132 97.2 67.1 124.7
 130 101.9 70.7 131.3



#35
 Methylcyclohexane
 Concen: 27.609 ug/L
 RT: 6.047 min Scan# 1557
 Delta R.T. 0.003 min
 Lab File: VV035559.D
 Acq: 08 May 2024 17:24

Tgt Ion: 83 Resp: 348423
 Ion Ratio Lower Upper
 83 100
 55 72.3 57.5 86.3
 98 49.1 38.6 58.0

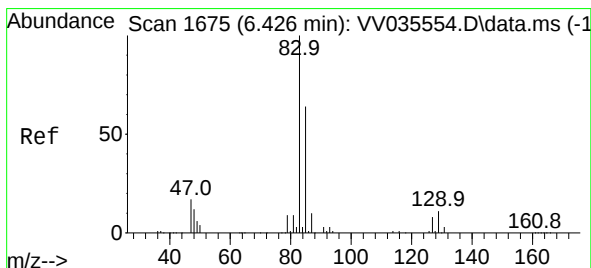
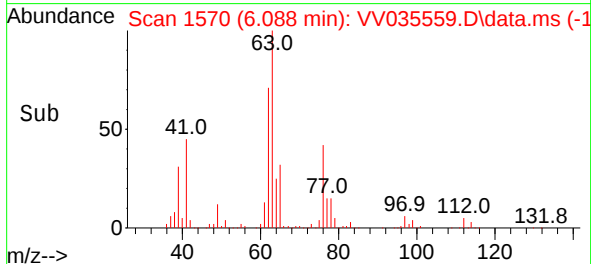
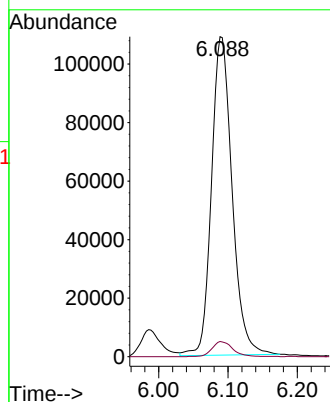
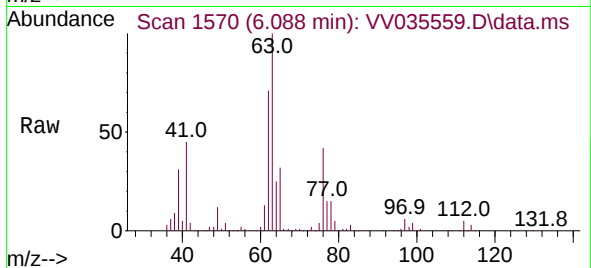




#37
1,2-Dichloropropane
Concen: 29.328 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

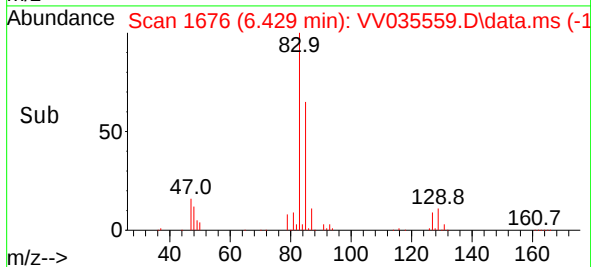
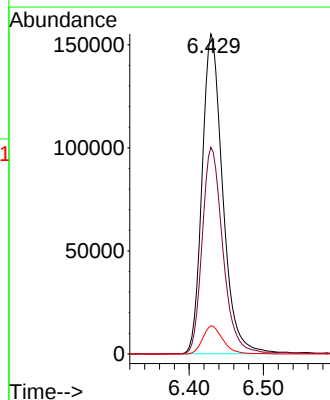
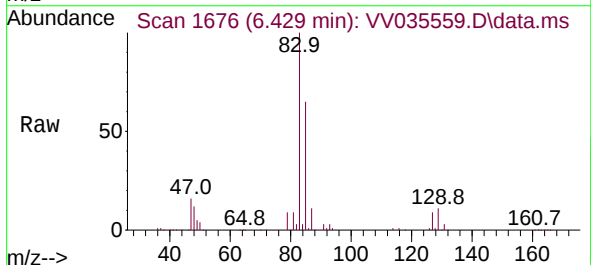
Instrument :
MSVOA_V
ClientSampleId :

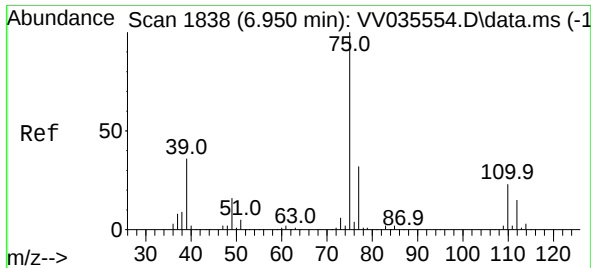
Tgt Ion: 63 Resp: 224857
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.6



#38
Bromodichloromethane
Concen: 28.782 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

Tgt Ion: 83 Resp: 298937
Ion Ratio Lower Upper
83 100
85 64.6 45.1 83.9
127 8.8 7.0 10.6

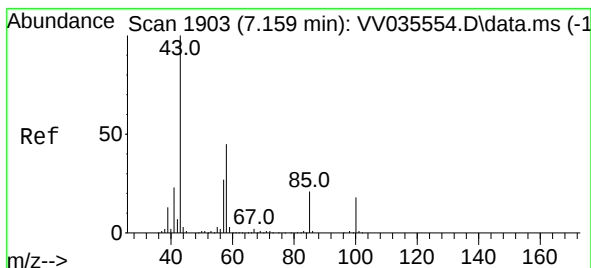
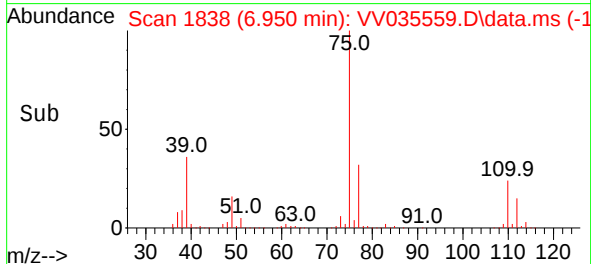
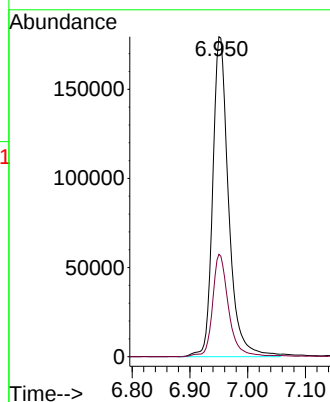
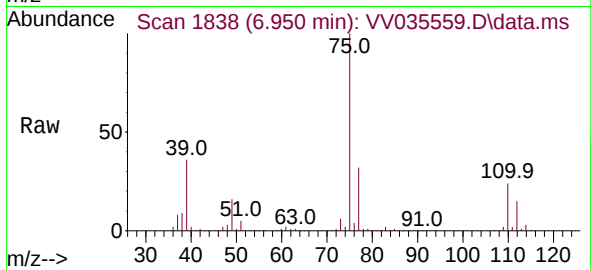




#39
cis-1,3-Dichloropropene
Concen: 28.708 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

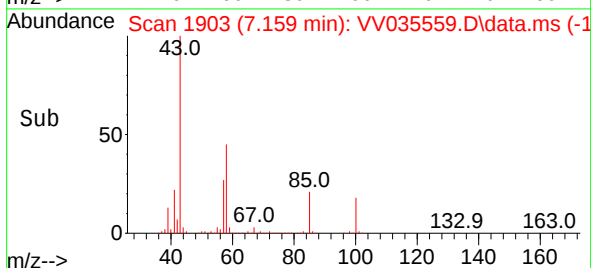
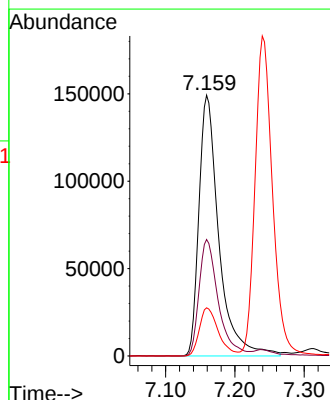
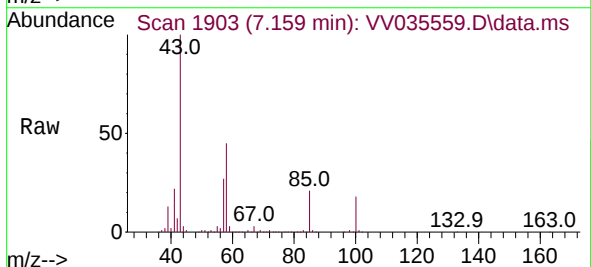
Instrument :
MSVOA_V
ClientSampleId :

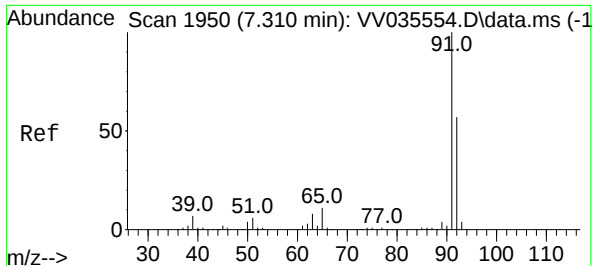
Tgt Ion: 75 Resp: 344257
Ion Ratio Lower Upper
75 100
77 32.0 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 64.998 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

Tgt Ion: 43 Resp: 298453
Ion Ratio Lower Upper
43 100
58 43.0 34.8 52.2
100 17.6 13.9 20.9





#42

Toluene

Concen: 28.898 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

Instrument :

MSVOA_V

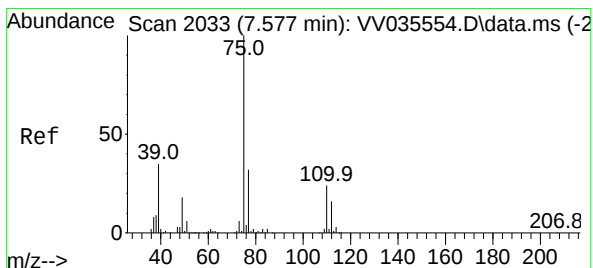
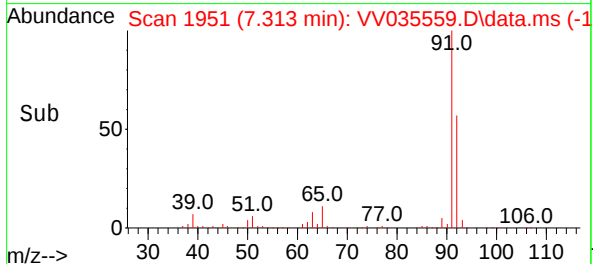
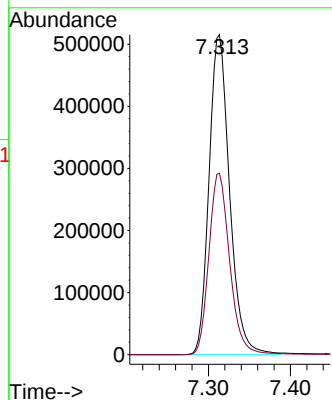
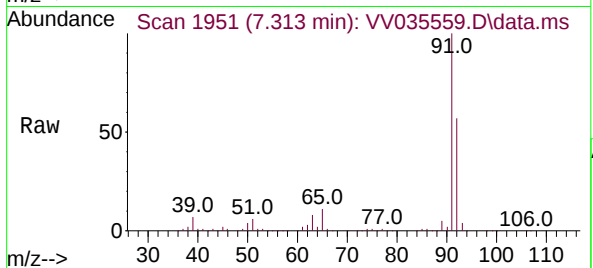
ClientSampleId :

Tgt Ion: 91 Resp: 898696

Ion Ratio Lower Upper

91 100

92 56.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 30.128 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV035559.D

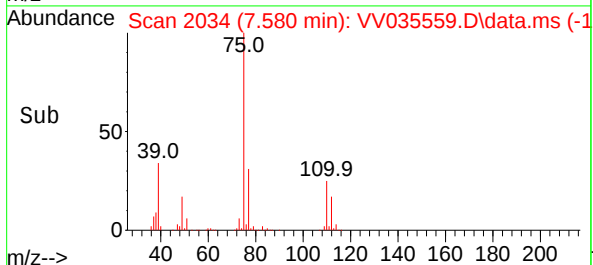
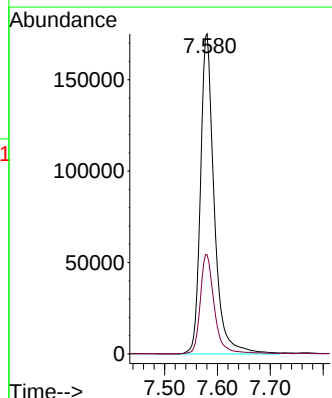
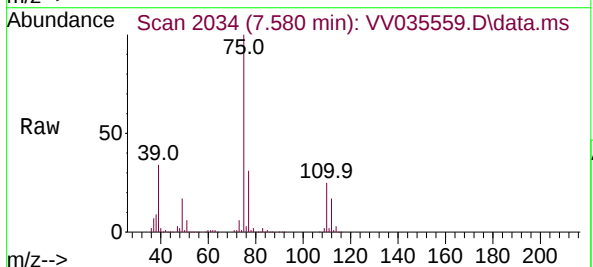
Acq: 08 May 2024 17:24

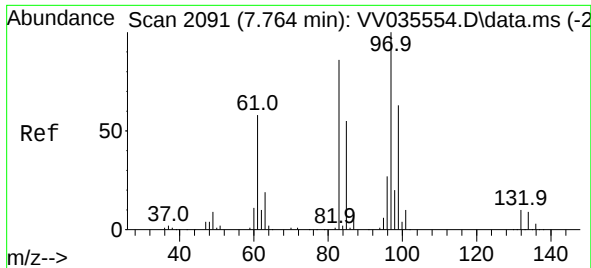
Tgt Ion: 75 Resp: 316050

Ion Ratio Lower Upper

75 100

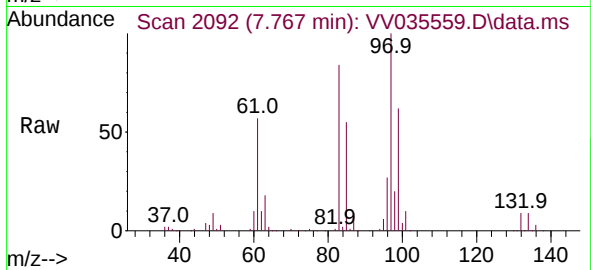
77 31.0 22.4 41.6



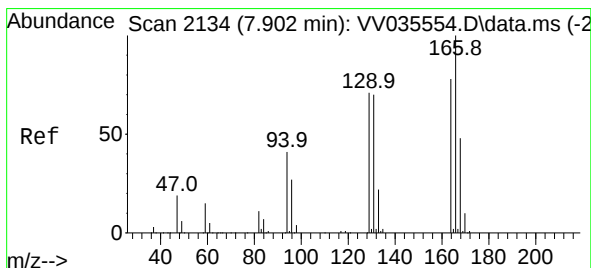
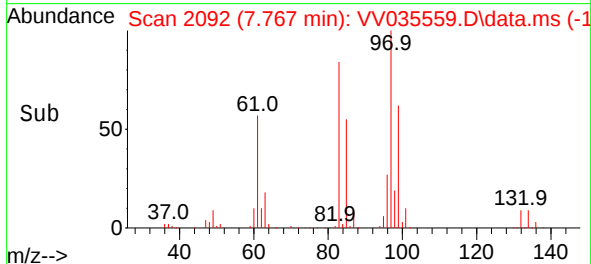
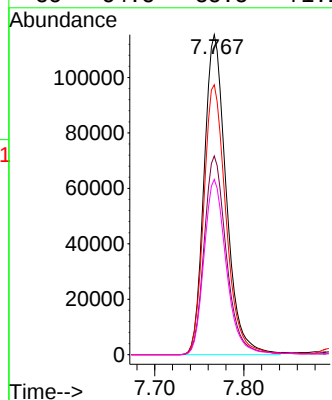


#45
1,1,2-Trichloroethane
Concen: 30.549 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

Instrument :
MSVOA_V
ClientSampleId :

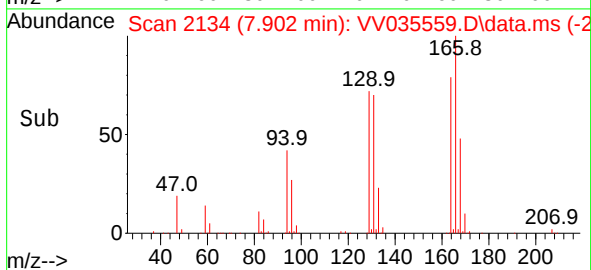
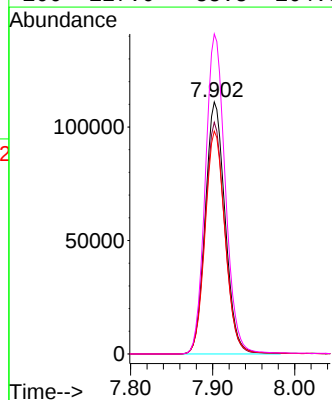
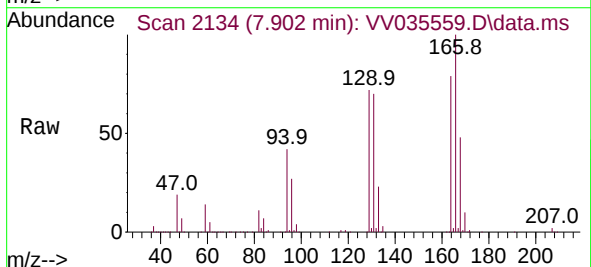


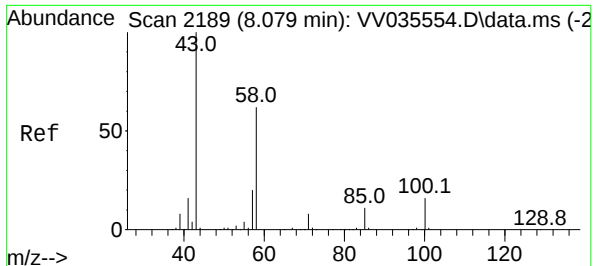
Tgt Ion:	97	Resp:	199007
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.3	80.3
83	84.4	60.3	111.9
85	54.8	38.3	71.1



#46
Tetrachloroethene
Concen: 27.731 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

Tgt Ion:	164	Resp:	187275
Ion	Ratio	Lower	Upper
164	100		
129	91.9	63.4	117.8
131	88.5	61.0	113.4
166	127.0	88.8	164.8

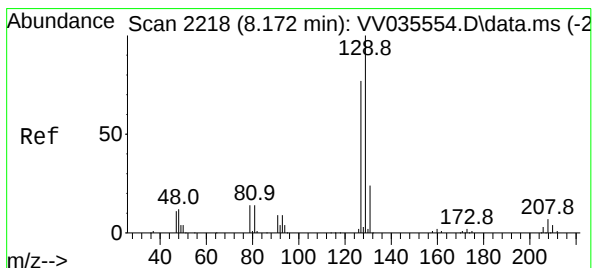
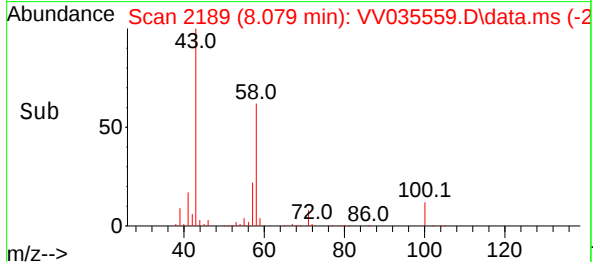
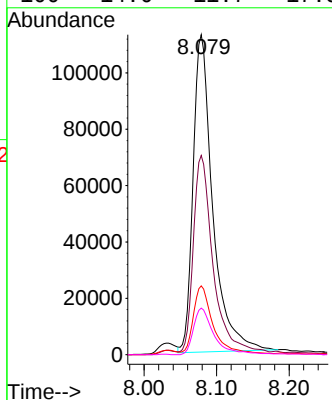
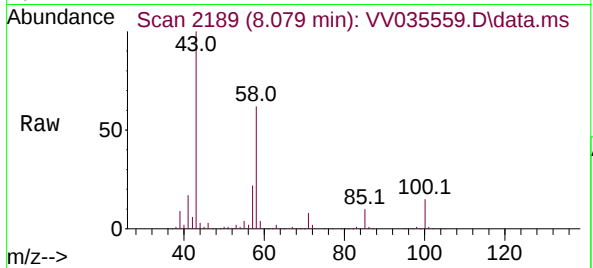




#48
2-Hexanone
Concen: 61.649 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

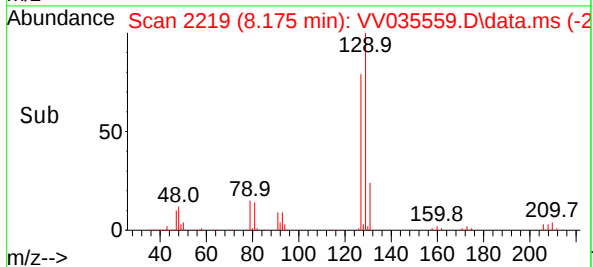
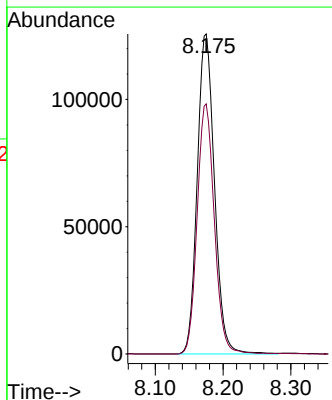
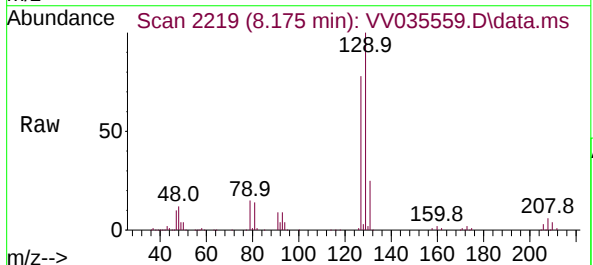
Instrument :
MSVOA_V
ClientSampleId :

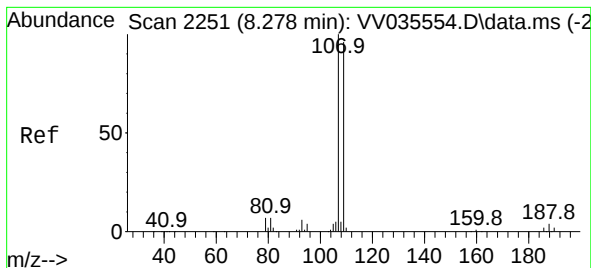
Tgt Ion: 43 Resp: 212243
Ion Ratio Lower Upper
43 100
58 62.8 48.8 73.2
57 21.6 16.9 25.3
100 14.6 11.7 17.5



#49
Dibromochloromethane
Concen: 30.232 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

Tgt Ion:129 Resp: 222229
Ion Ratio Lower Upper
129 100
127 78.2 53.8 99.8





#50

1,2-Dibromoethane

Concen: 30.072 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV035559.D

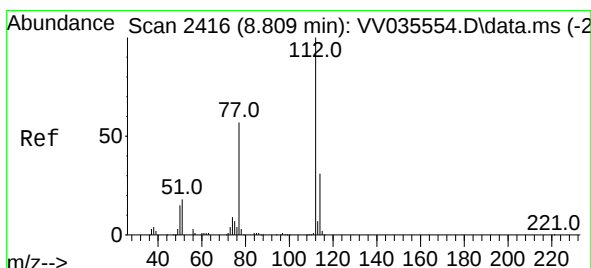
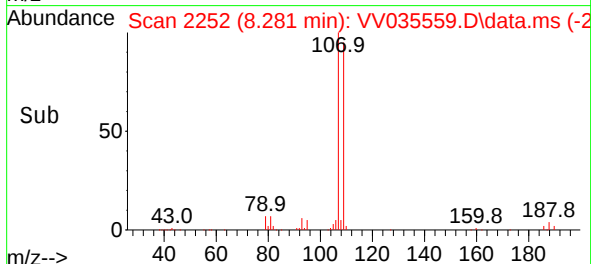
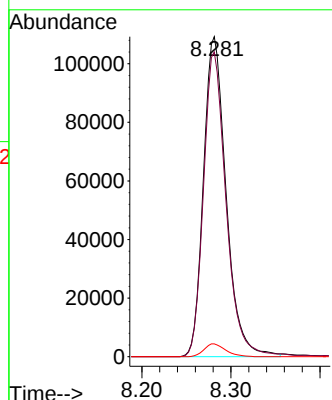
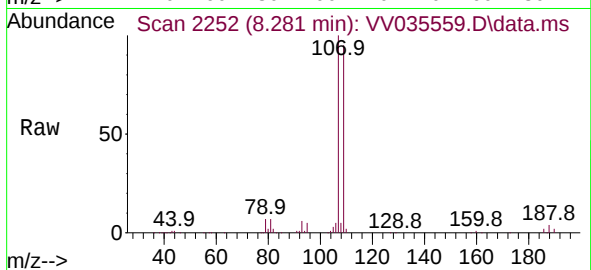
Acq: 08 May 2024 17:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	192991
Ion	Ratio	Lower Upper
107	100	
109	95.2	65.4 121.4
188	4.0	2.9 4.3



#51

Chlorobenzene

Concen: 28.160 ug/L

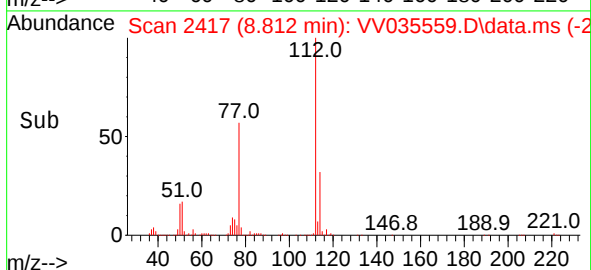
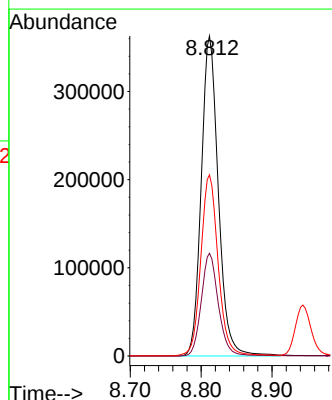
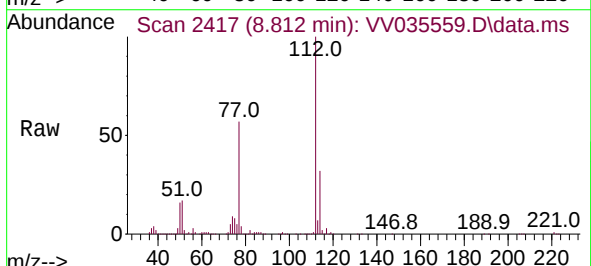
RT: 8.812 min Scan# 2417

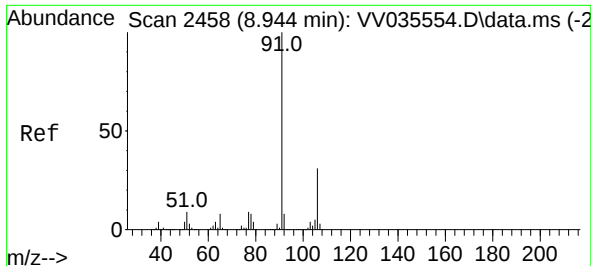
Delta R.T. 0.003 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

Tgt Ion:112	Resp:	607666
Ion	Ratio	Lower Upper
112	100	
114	32.1	22.5 41.7
77	56.6	46.6 69.8

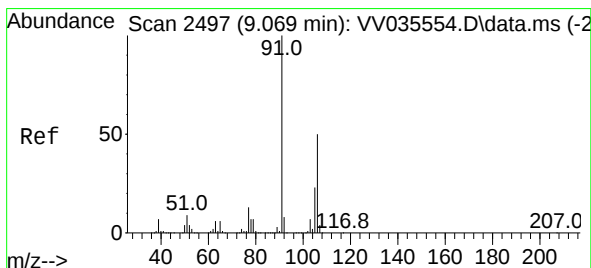
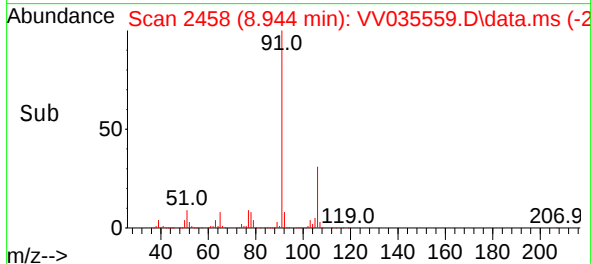
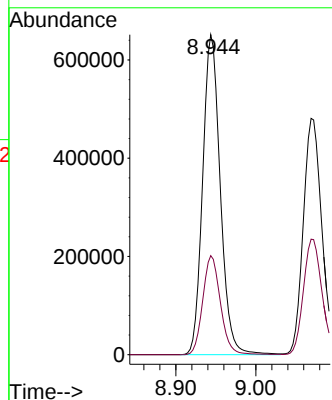
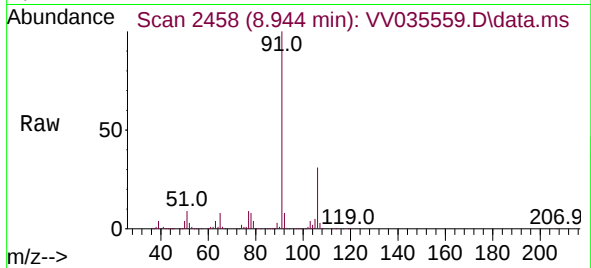




#52
Ethylbenzene
Concen: 29.161 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

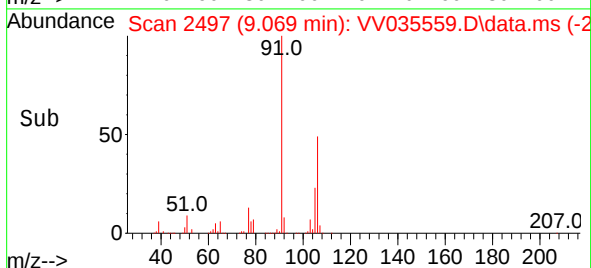
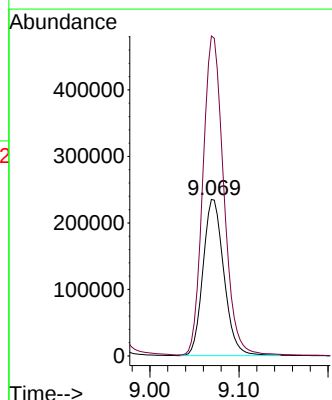
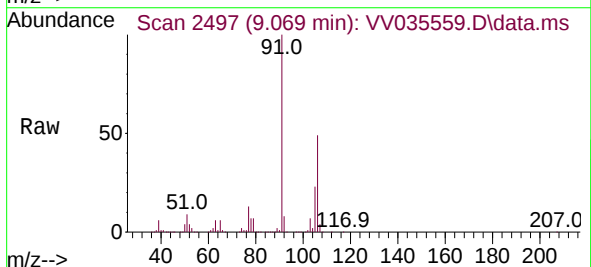
Instrument :
MSVOA_V
ClientSampleId :

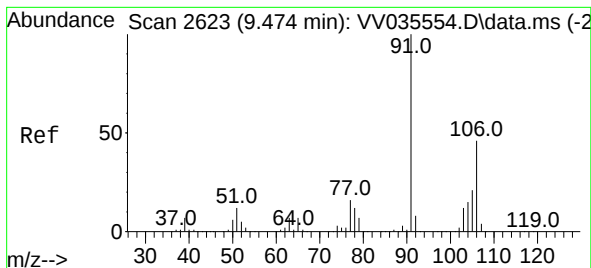
Tgt Ion: 91 Resp: 1001277
Ion Ratio Lower Upper
91 100
106 31.0 21.7 40.3



#53
m,p-Xylene
Concen: 29.320 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

Tgt Ion:106 Resp: 381952
Ion Ratio Lower Upper
106 100
91 204.5 142.7 264.9





#54

o-Xylene

Concen: 29.696 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

Instrument :

MSVOA_V

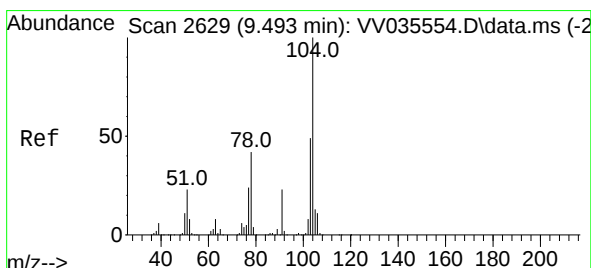
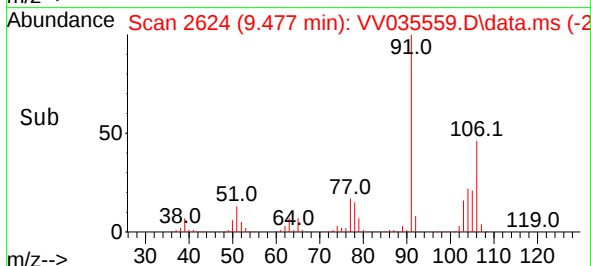
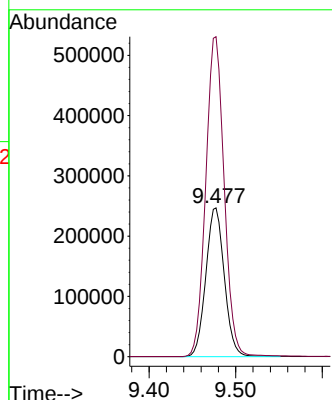
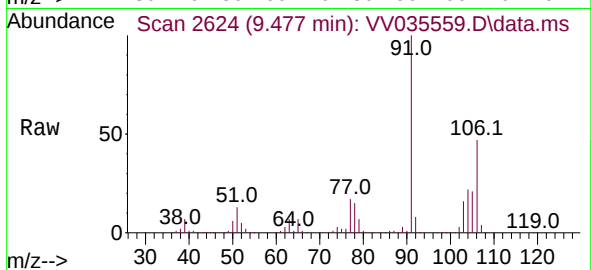
ClientSampleId :

Tgt Ion:106 Resp: 366645

Ion Ratio Lower Upper

106 100

91 215.0 150.9 280.3



#55

Styrene

Concen: 30.810 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. -0.000 min

Lab File: VV035559.D

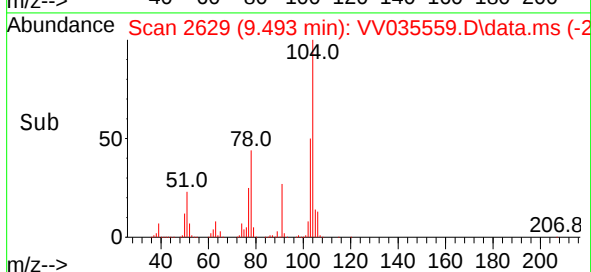
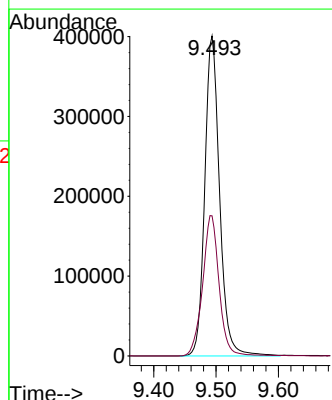
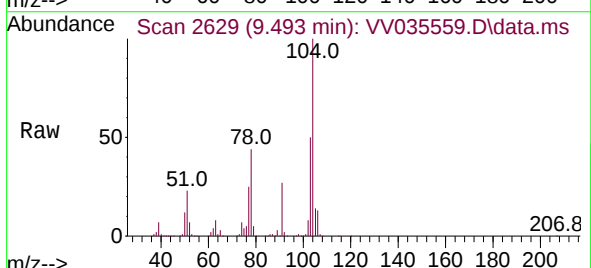
Acq: 08 May 2024 17:24

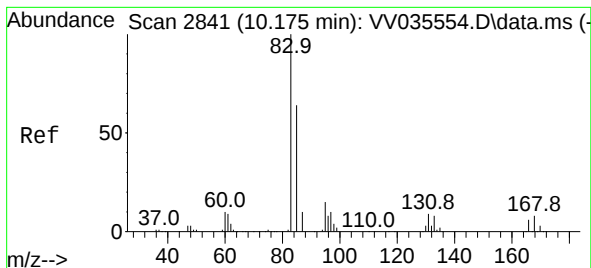
Tgt Ion:104 Resp: 663494

Ion Ratio Lower Upper

104 100

78 43.8 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 31.432 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

Instrument :

MSVOA_V

ClientSampleId :

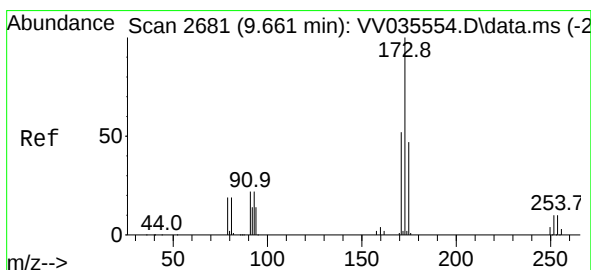
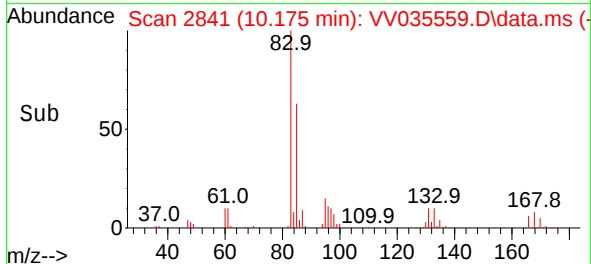
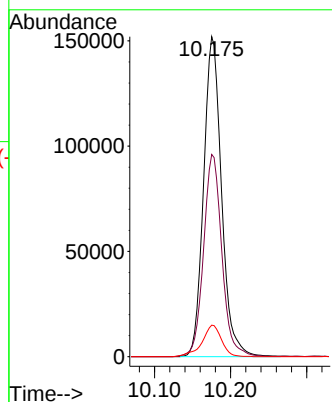
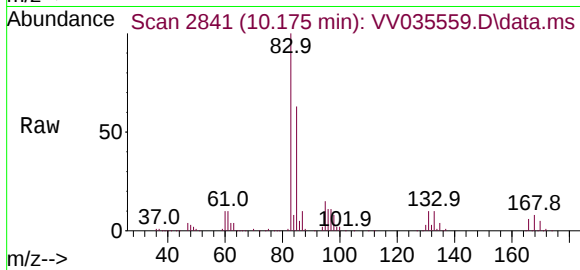
Tgt Ion: 83 Resp: 249426

Ion Ratio Lower Upper

83 100

85 63.2 44.7 83.1

131 9.8 8.0 12.0



#59

Bromoform

Concen: 30.499 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.003 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

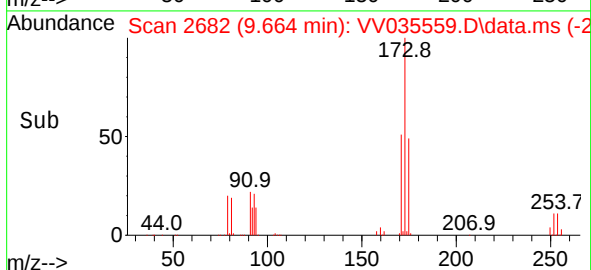
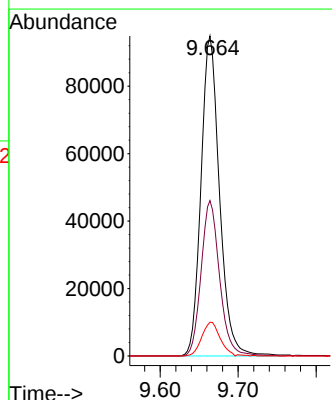
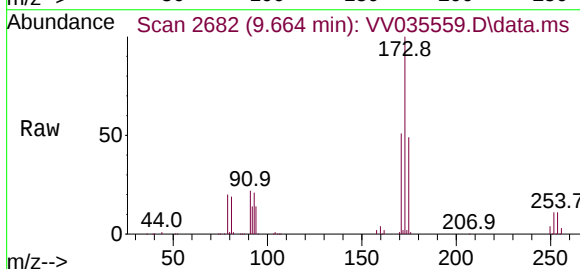
Tgt Ion: 173 Resp: 156529

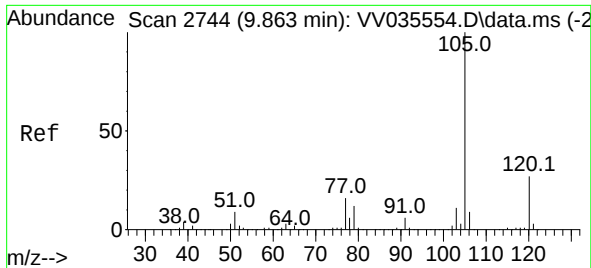
Ion Ratio Lower Upper

173 100

175 48.3 38.7 58.1

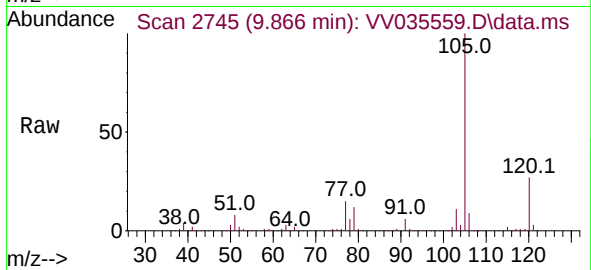
254 10.4 8.3 12.5



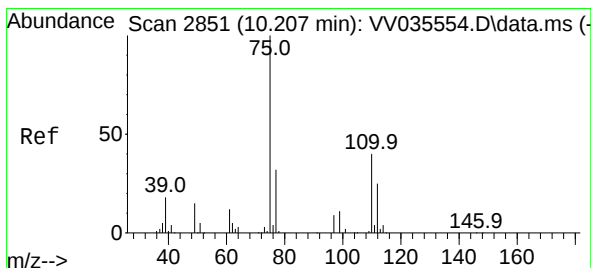
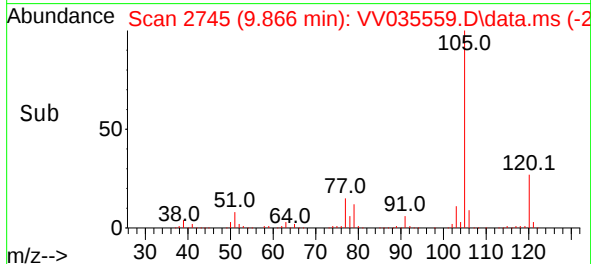
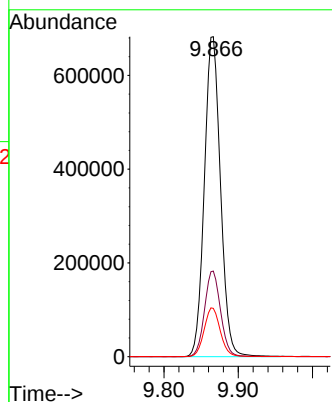


#60
Isopropylbenzene
Concen: 29.589 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

Instrument :
MSVOA_V
ClientSampleId :

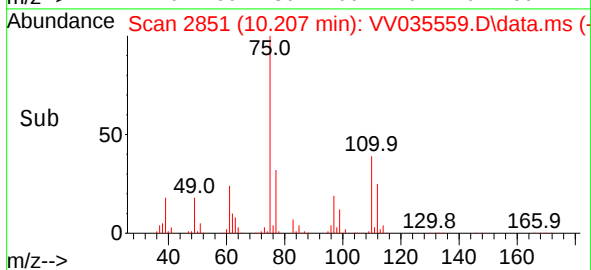
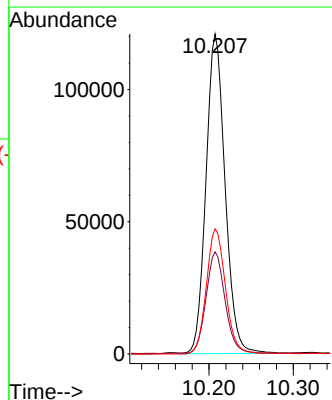
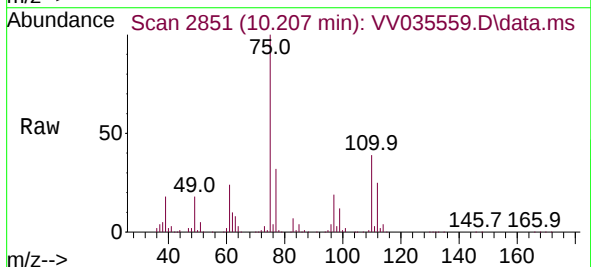


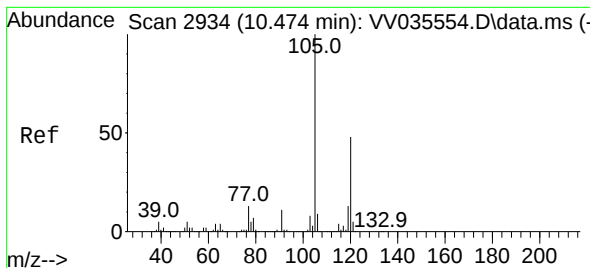
Tgt Ion:105 Resp: 1029347
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 31.161 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

Tgt Ion: 75 Resp: 190693
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
110 39.2 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 30.390 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

Instrument :

MSVOA_V

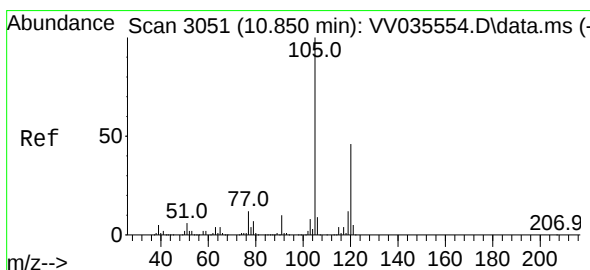
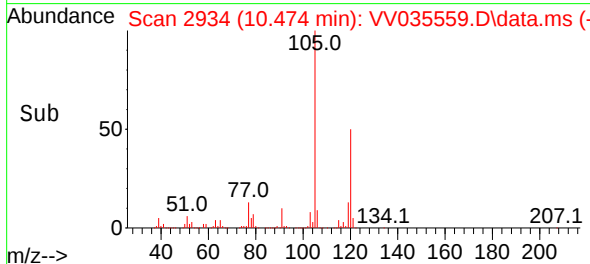
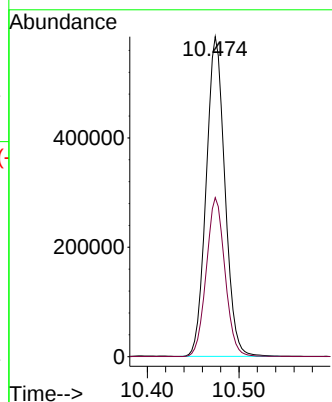
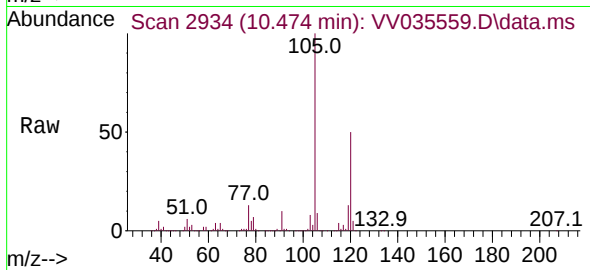
ClientSampleId :

Tgt Ion:105 Resp: 829354

Ion Ratio Lower Upper

105 100

120 49.8 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 29.635 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV035559.D

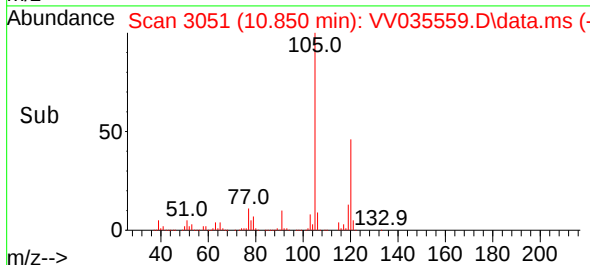
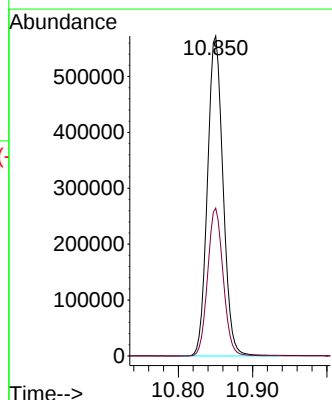
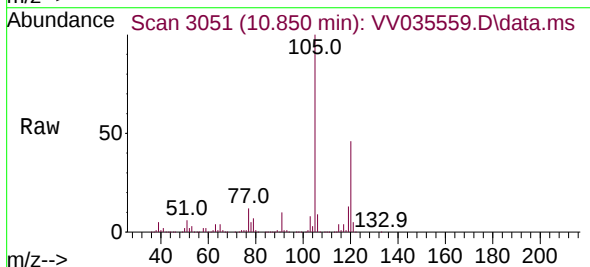
Acq: 08 May 2024 17:24

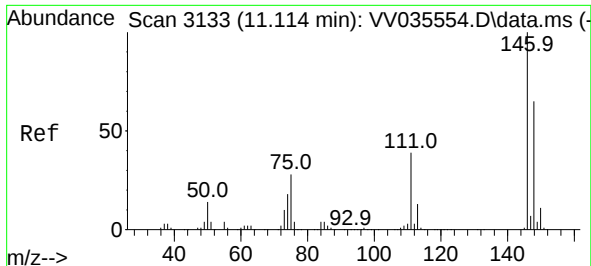
Tgt Ion:105 Resp: 831072

Ion Ratio Lower Upper

105 100

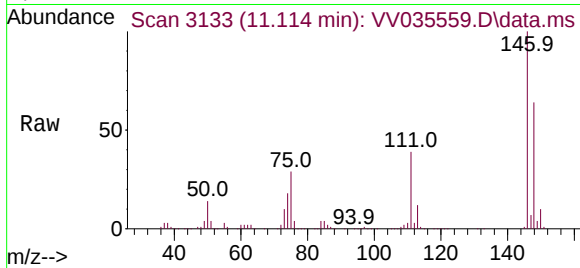
120 46.2 36.6 55.0



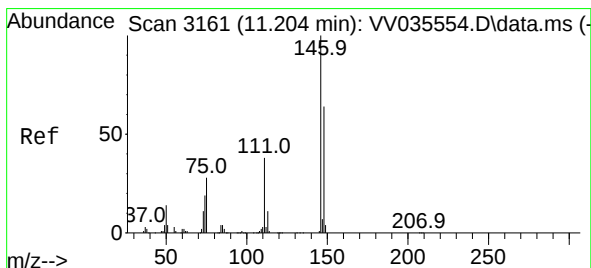
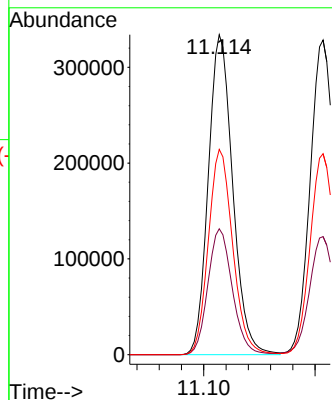
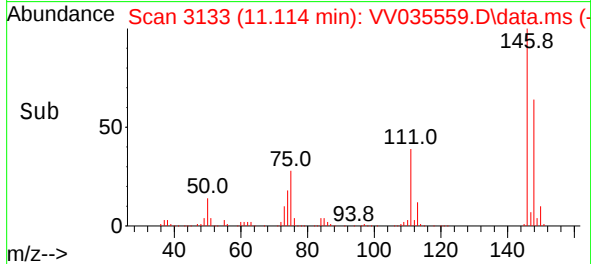


#64
1,3-Dichlorobenzene
Concen: 27.912 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24

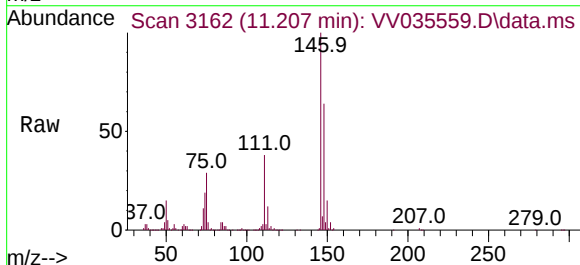
Instrument :
MSVOA_V
ClientSampleId :



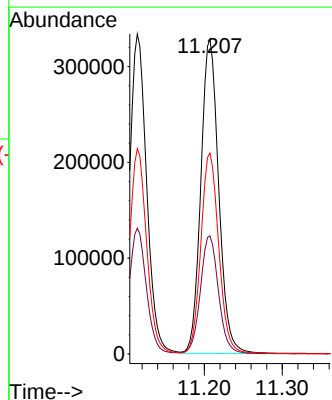
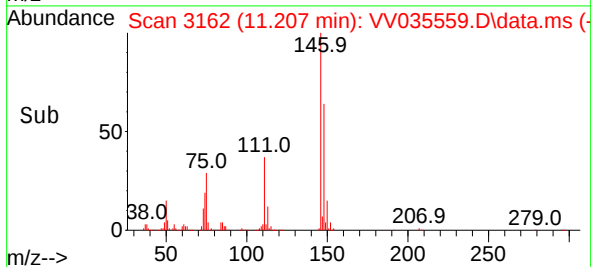
Tgt Ion:146 Resp: 509571
Ion Ratio Lower Upper
146 100
111 39.4 27.0 50.2
148 64.2 44.3 82.3

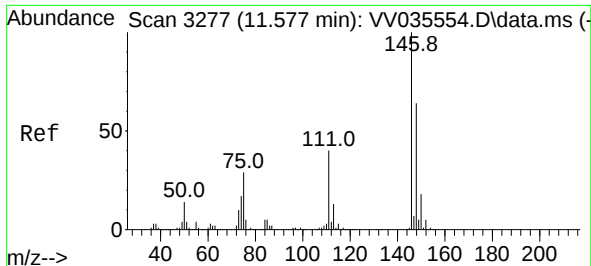


#65
1,4-Dichlorobenzene
Concen: 27.638 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035559.D
Acq: 08 May 2024 17:24



Tgt Ion:146 Resp: 522360
Ion Ratio Lower Upper
146 100
111 37.5 26.2 48.6
148 63.8 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 27.945 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

Instrument :

MSVOA_V

ClientSampleId :

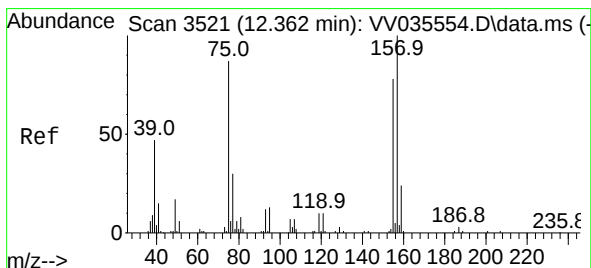
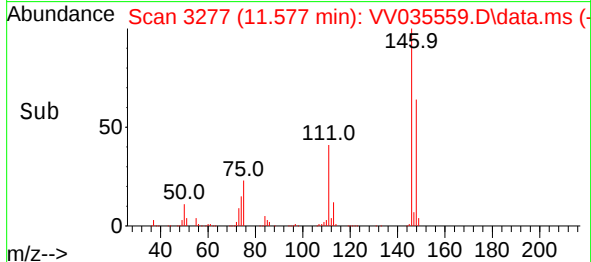
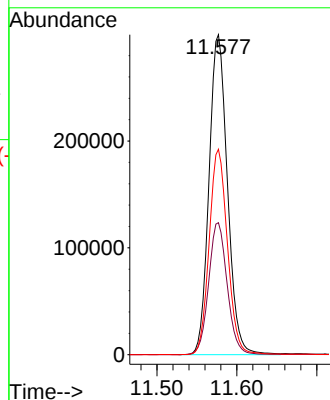
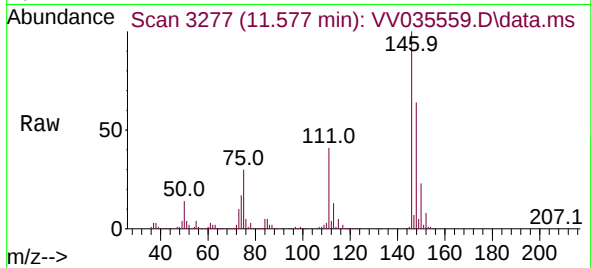
Tgt Ion:146 Resp: 480241

Ion Ratio Lower Upper

146 100

111 41.3 32.6 48.8

148 64.2 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 32.210 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

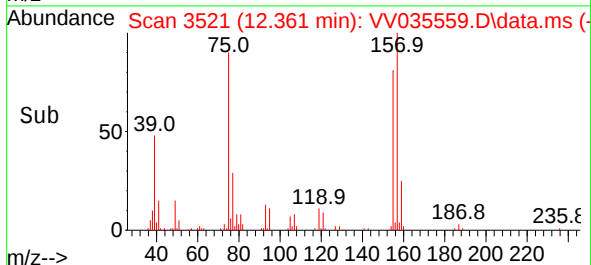
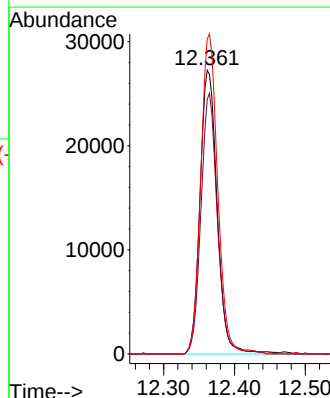
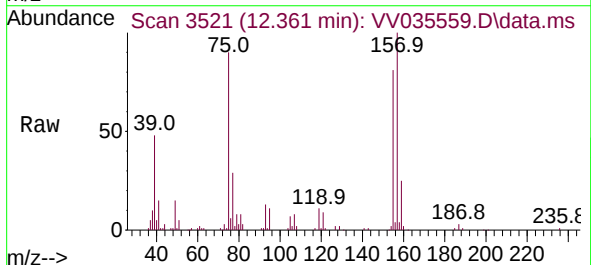
Tgt Ion: 75 Resp: 45715

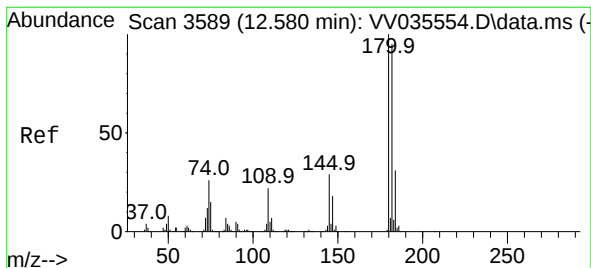
Ion Ratio Lower Upper

75 100

155 89.8 69.8 104.6

157 111.1 95.0 142.6





#69

1,3,5-Trichlorobenzene

Concen: 27.844 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

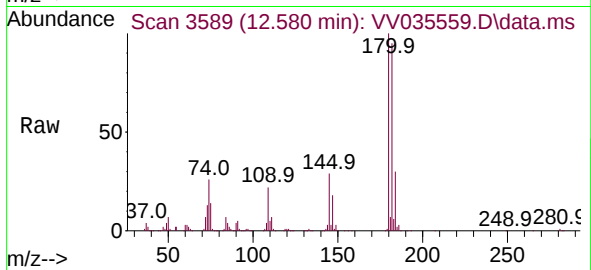
Lab File: VV035559.D

Acq: 08 May 2024 17:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 397239

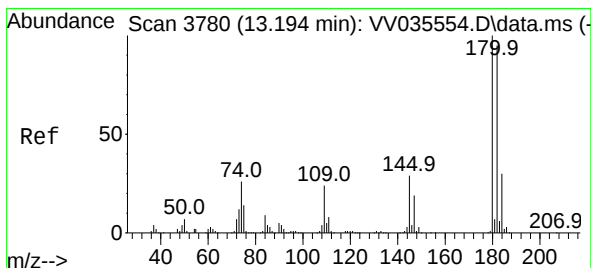
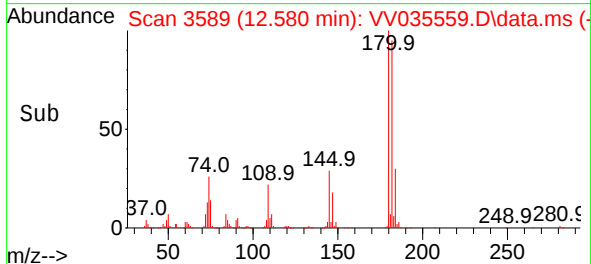
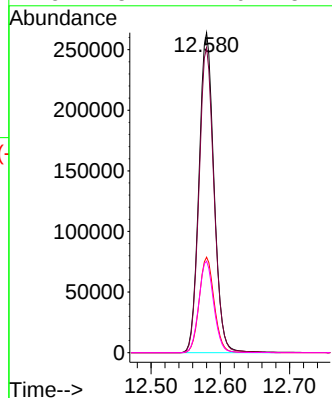
Ion Ratio Lower Upper

180 100

182 95.4 76.2 114.2

184 29.9 24.1 36.1

145 28.4 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 28.123 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

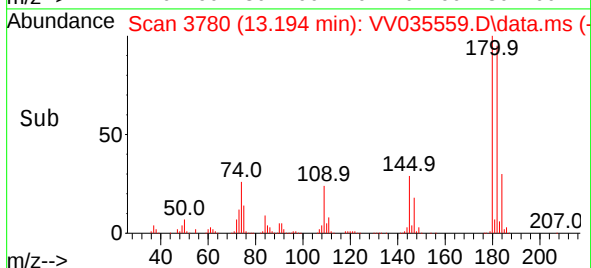
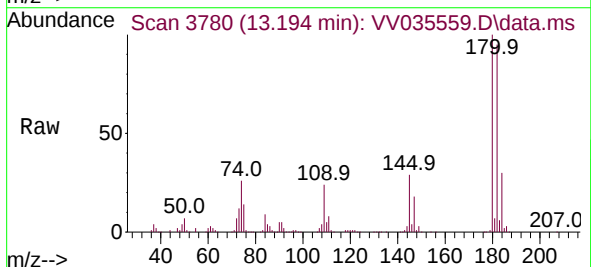
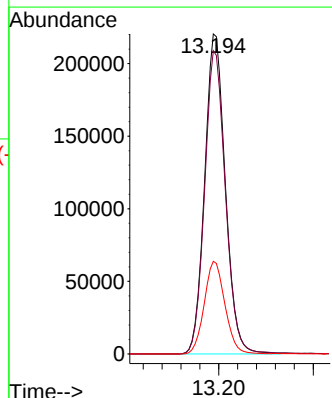
Tgt Ion:180 Resp: 335019

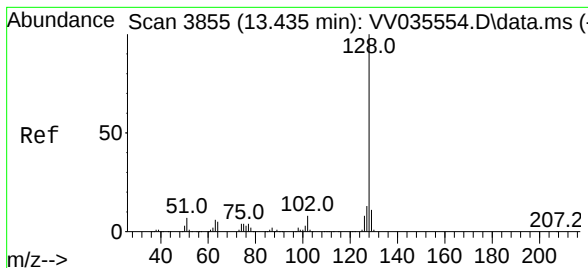
Ion Ratio Lower Upper

180 100

182 95.3 76.6 114.8

145 28.9 23.2 34.8





#71

Naphthalene

Concen: 29.475 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

Instrument :

MSVOA_V

ClientSampleId :

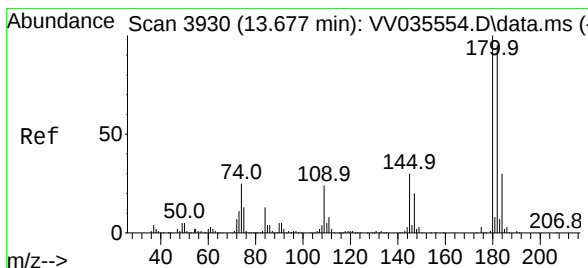
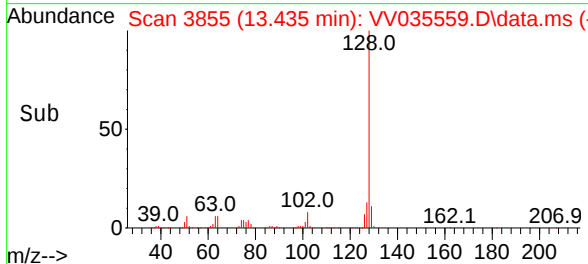
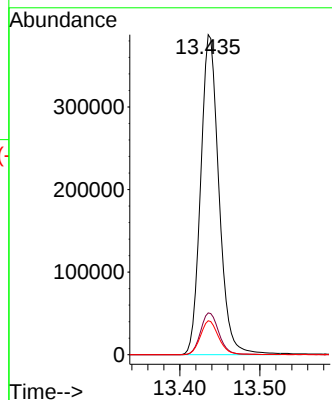
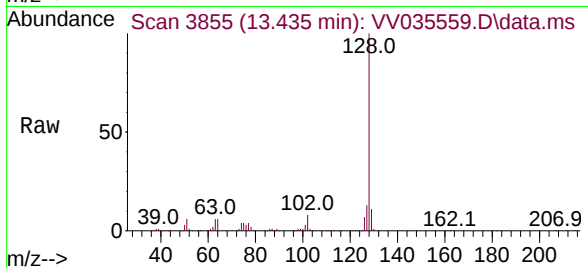
Tgt Ion:128 Resp: 616427

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.6 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 29.488 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV035559.D

Acq: 08 May 2024 17:24

Tgt Ion:180 Resp: 316016

Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.6

145 30.9 25.2 37.8

