

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050724\
 Data File : VV035552.D
 Acq On : 07 May 2024 16:12
 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 08 02:25:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 02:24:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	418295	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	444796	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	263559	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	127539	19.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.920%
7) Chloroethane-d5	1.529	69	107868	20.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.720%
11) 1,1-Dichloroethene-d2	2.053	65	59174	20.674	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.680%
21) 2-Butanone-d5	3.844	46	42888	23.375	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.740%
24) Chloroform-d	4.243	84	287137	23.090	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.360%
26) 1,2-Dichloroethane-d4	4.941	65	146047	23.756	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.040%
32) Benzene-d6	4.957	84	520339	21.371	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.480%
36) 1,2-Dichloropropane-d6	5.985	67	166519	22.161	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.640%
41) Toluene-d8	7.239	98	478476	22.080	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.320%
43) trans-1,3-Dichloroprop...	7.551	79	73059	22.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.920%
47) 2-Hexanone-d5	8.030	63	72299	53.510	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.020%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	184473	25.478	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.920%
66) 1,2-Dichlorobenzene-d4	11.558	152	198233	21.673	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	196002	23.047	ug/L	100
3) Chloromethane	1.211	50	188600	22.089	ug/L	99
5) Vinyl chloride	1.278	62	202864	22.997	ug/L	99
6) Bromomethane	1.484	94	128835	23.067	ug/L	99
8) Chloroethane	1.545	64	131542	24.191	ug/L	98
9) Trichlorofluoromethane	1.709	101	282946	24.574	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	183982	25.326	ug/L	98
12) 1,1-Dichloroethene	2.063	96	159571	24.319	ug/L	96
13) Acetone	2.384	43	86408	32.172	ug/L	71
14) Carbon disulfide	2.233	76	441720	21.253	ug/L	100
15) Methyl Acetate	2.384	43	91903	22.585	ug/L	91
16) Methylene chloride	2.442	84	297987	30.893	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	179500	24.641	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	506553	28.828	ug/L	99
19) 1,1-Dichloroethane	3.105	63	354916	25.989	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	202143	25.598	ug/L	98
22) 2-Butanone	3.912	43	120752	48.412	ug/L #	71
23) Bromochloromethane	4.143	128	103497	27.098	ug/L	97
25) Chloroform	4.269	83	376853	26.724	ug/L	99

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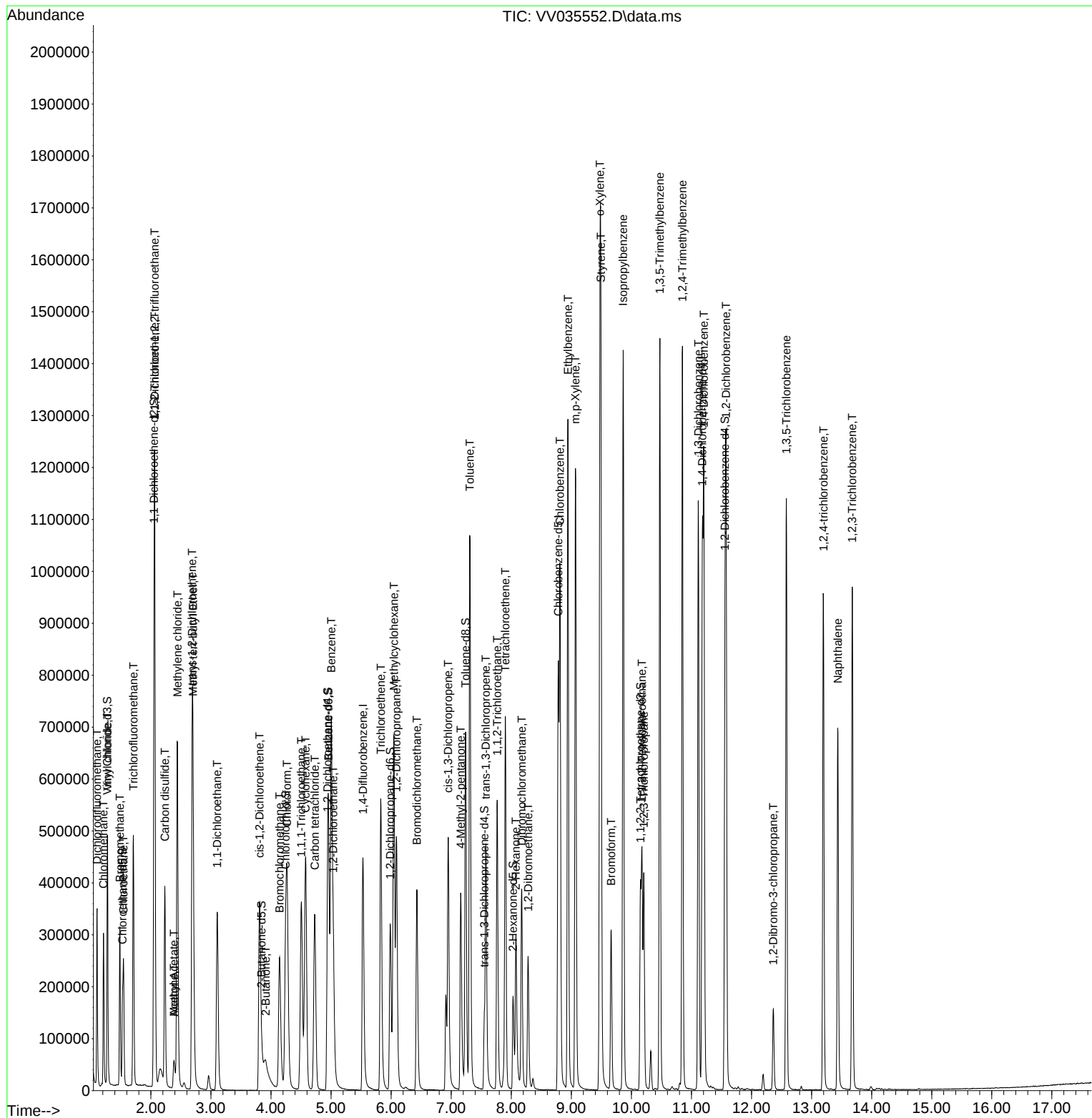
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	246681	28.091	ug/L	99
29) Cyclohexane	4.577	56	245952	23.123	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	311293	25.241	ug/L	100
31) Carbon tetrachloride	4.728	117	269645	24.919	ug/L	100
33) Benzene	5.005	78	757678	25.738	ug/L	100
34) Trichloroethene	5.828	95	206937	24.851	ug/L	97
35) Methylcyclohexane	6.047	83	299215	23.668	ug/L	99
37) 1,2-Dichloropropane	6.088	63	206367	26.869	ug/L	99
38) Bromodichloromethane	6.429	83	279165	26.831	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	323693	26.945	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	261428	56.835	ug/L	99
42) Toluene	7.310	91	825357	26.493	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	293200	27.901	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	181693	27.842	ug/L	99
46) Tetrachloroethene	7.902	164	165451	24.457	ug/L	98
48) 2-Hexanone	8.079	43	191027	55.389	ug/L	97
49) Dibromochloromethane	8.175	129	204077	27.714	ug/L	99
50) 1,2-Dibromoethane	8.281	107	180908	28.140	ug/L	99
51) Chlorobenzene	8.812	112	558539	25.838	ug/L	99
52) Ethylbenzene	8.944	91	901263	26.202	ug/L	99
53) m,p-Xylene	9.069	106	348214	26.683	ug/L	99
54) o-Xylene	9.477	106	333358	26.952	ug/L	100
55) Styrene	9.493	104	613113	28.421	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	227471	28.615	ug/L	100
59) Bromoform	9.664	173	143574	27.720	ug/L	99
60) Isopropylbenzene	9.863	105	915385	26.073	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	170393	27.590	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	752389	27.319	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	755699	26.701	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	473190	25.683	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	484272	25.389	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	447598	25.808	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	40434	28.229	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	361667	25.120	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	306601	25.502	ug/L	100
71) Naphthalene	13.435	128	558955	26.483	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	290532	26.863	ug/L	99

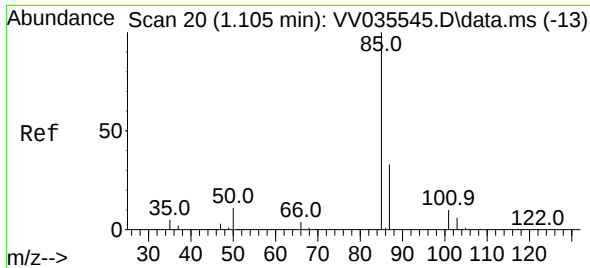
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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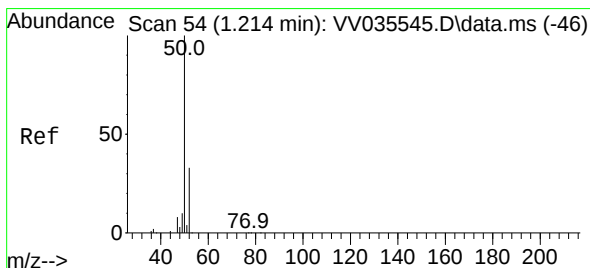
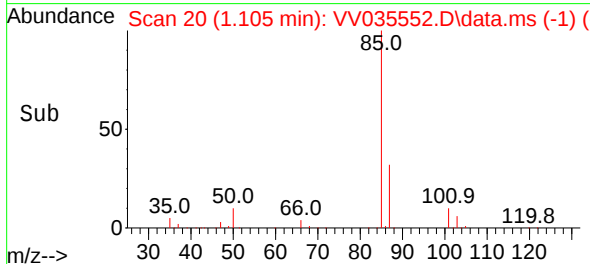
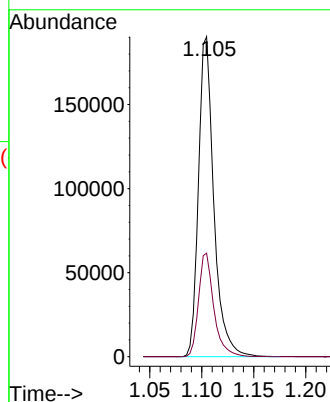
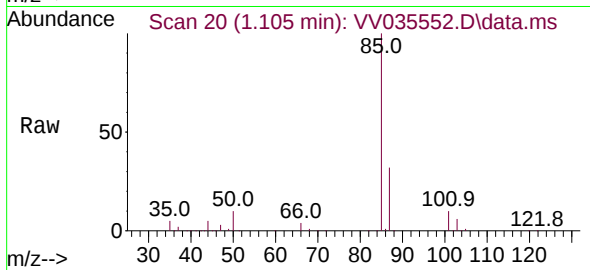




#2
Dichlorodifluoromethane
Concen: 23.047 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV035552.D
Acq: 07 May 2024 16:12

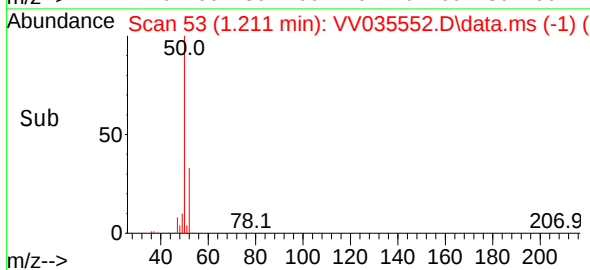
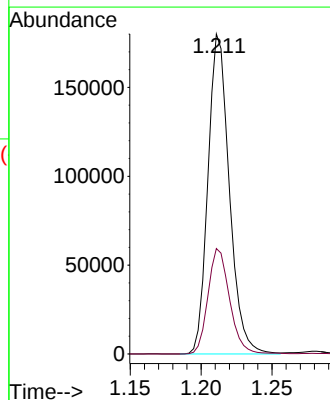
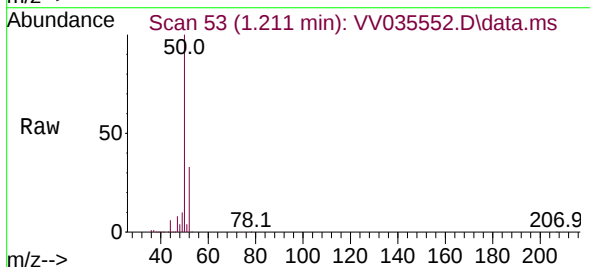
Instrument :
MSVOA_V
ClientSampleId :

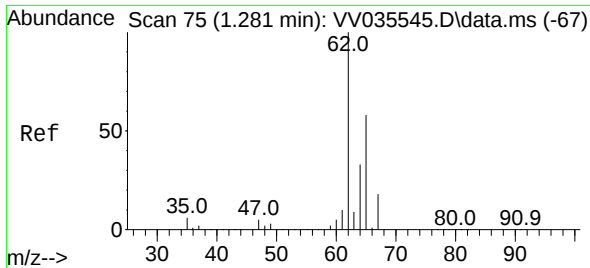
Tgt Ion: 85 Resp: 196002
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.6



#3
Chloromethane
Concen: 22.089 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.003 min
Lab File: VV035552.D
Acq: 07 May 2024 16:12

Tgt Ion: 50 Resp: 188600
Ion Ratio Lower Upper
50 100
52 32.9 22.7 42.1

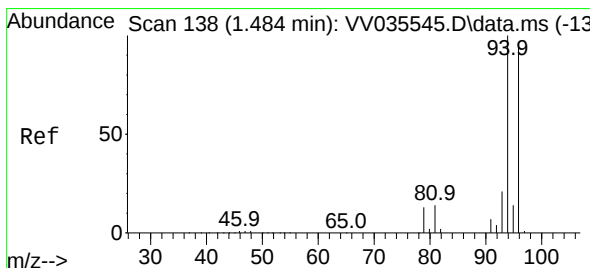
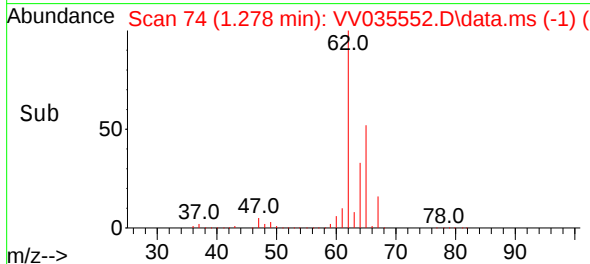
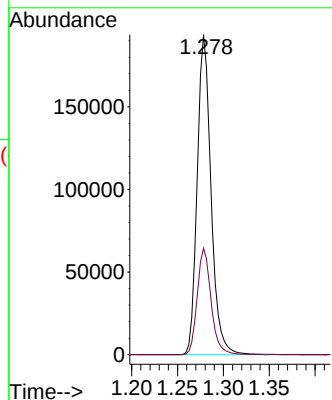
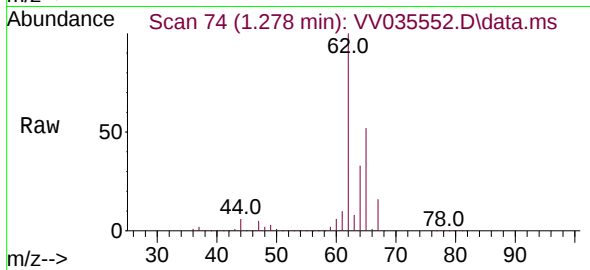




#5
 Vinyl chloride
 Concen: 22.997 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV035552.D
 Acq: 07 May 2024 16:12

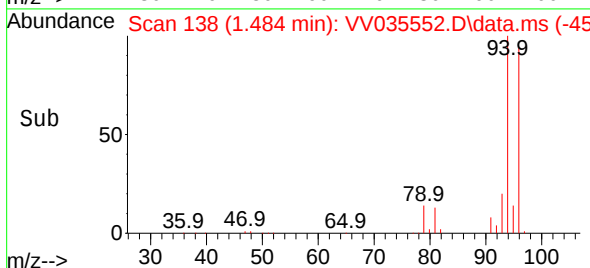
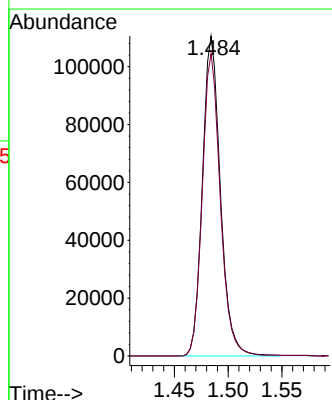
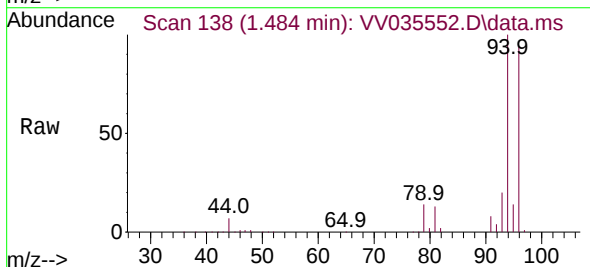
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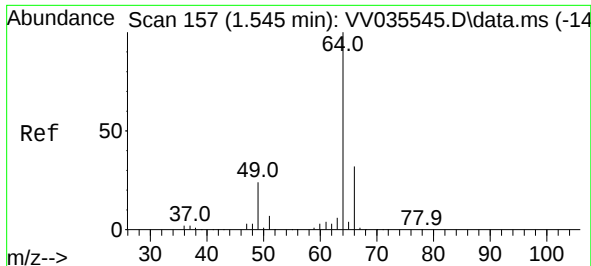
Tgt Ion: 62 Resp: 202864
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.0 42.6



#6
 Bromomethane
 Concen: 23.067 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV035552.D
 Acq: 07 May 2024 16:12

Tgt Ion: 94 Resp: 128835
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.2 121.0

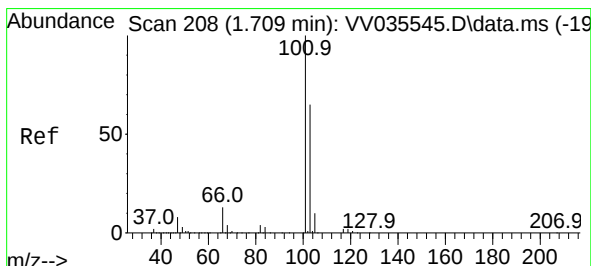
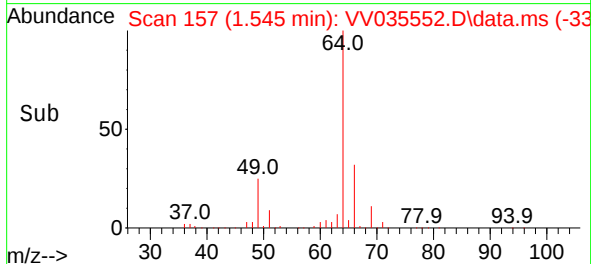
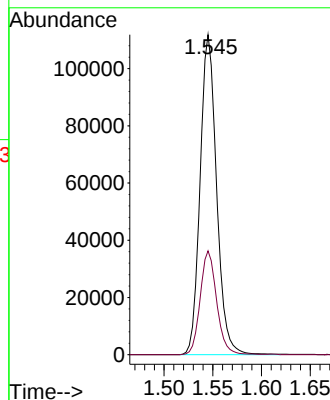
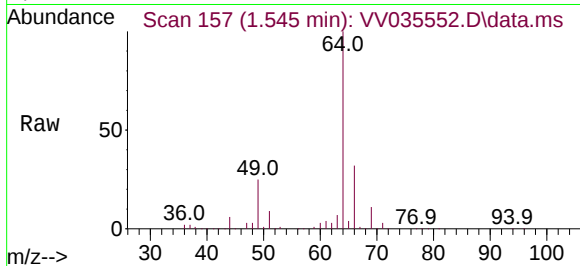




#8
Chloroethane
Concen: 24.191 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV035552.D
Acq: 07 May 2024 16:12

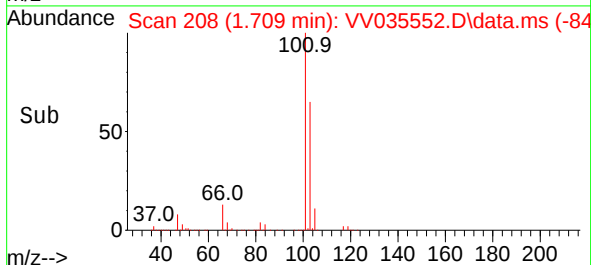
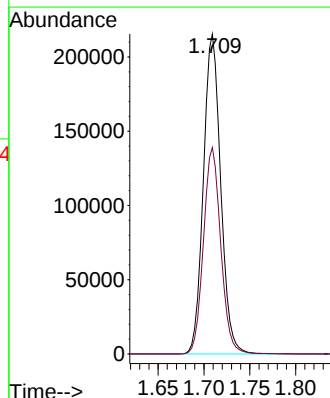
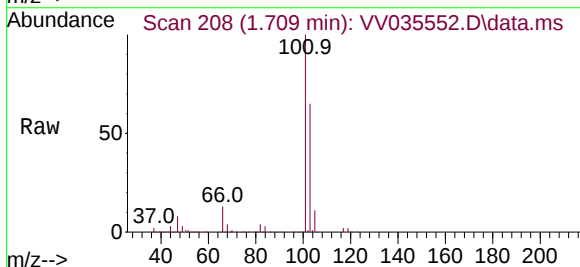
Instrument :
MSVOA_V
ClientSampleId :

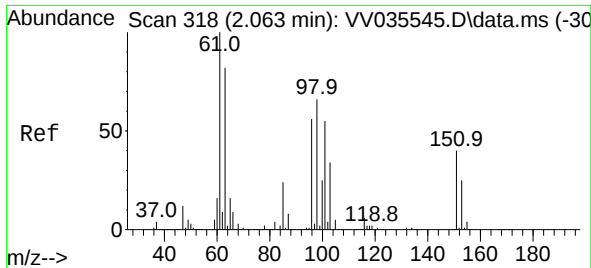
Tgt Ion: 64 Resp: 131542
Ion Ratio Lower Upper
64 100
66 32.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 24.574 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV035552.D
Acq: 07 May 2024 16:12

Tgt Ion:101 Resp: 282946
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

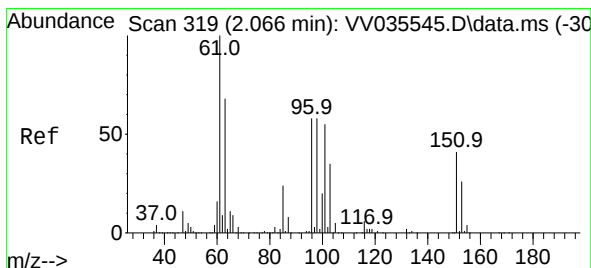
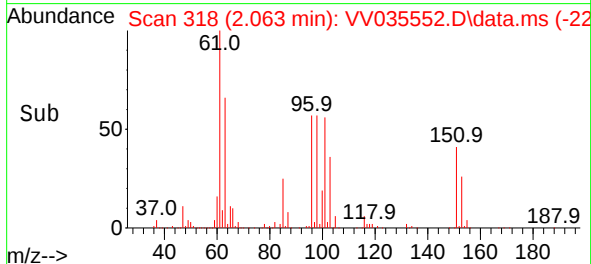
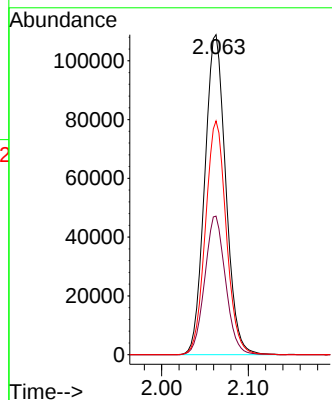
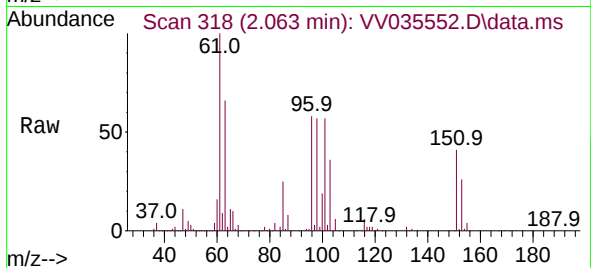




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.326 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV035552.D
 Acq: 07 May 2024 16:12

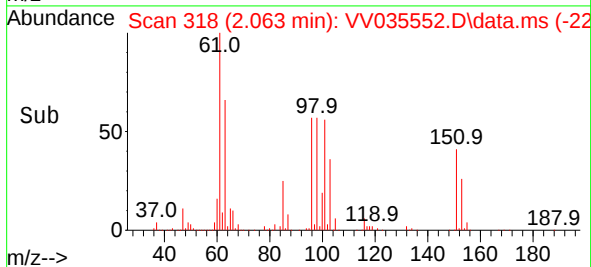
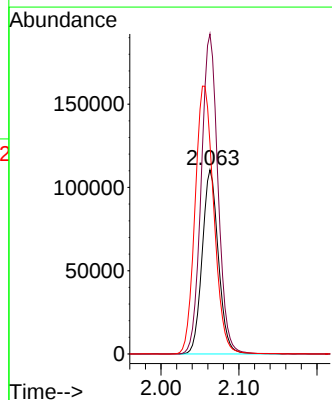
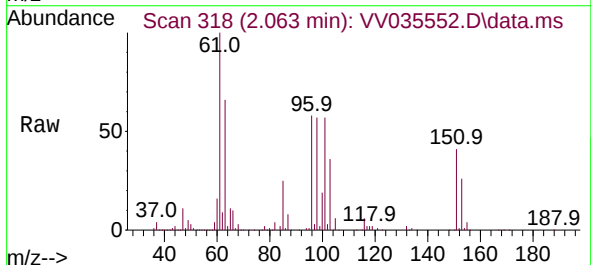
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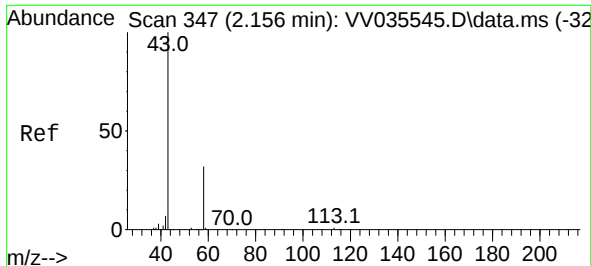
Tgt Ion:101 Resp: 183982
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.2 51.4
 151 72.3 59.5 89.3



#12
 1,1-Dichloroethene
 Concen: 24.319 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV035552.D
 Acq: 07 May 2024 16:12

Tgt Ion: 96 Resp: 159571
 Ion Ratio Lower Upper
 96 100
 61 173.8 119.8 222.4
 63 114.3 75.6 140.4





#13

Acetone

Concen: 32.172 ug/L

RT: 2.384 min Scan# 418

Delta R.T. 0.228 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

Instrument :

MSVOA_V

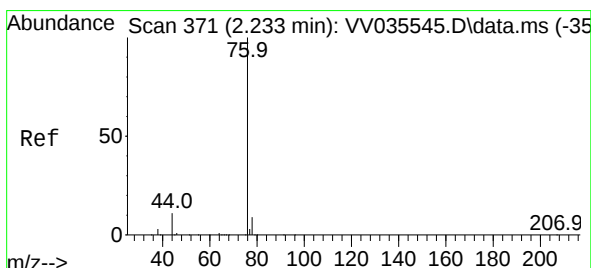
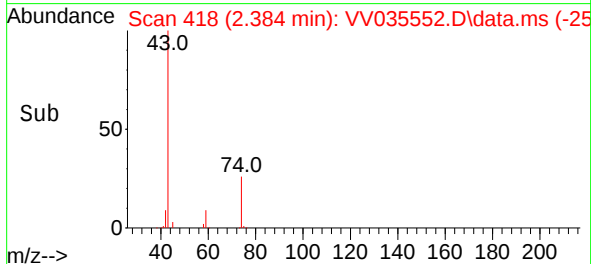
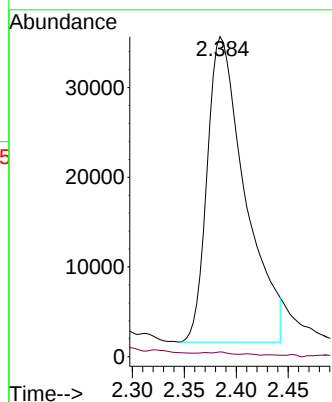
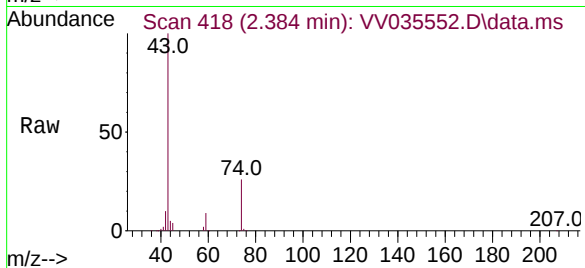
ClientSampleId :

Tgt Ion: 43 Resp: 86408

Ion Ratio Lower Upper

43 100

58 0.2 0.0 22.8



#14

Carbon disulfide

Concen: 21.253 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV035552.D

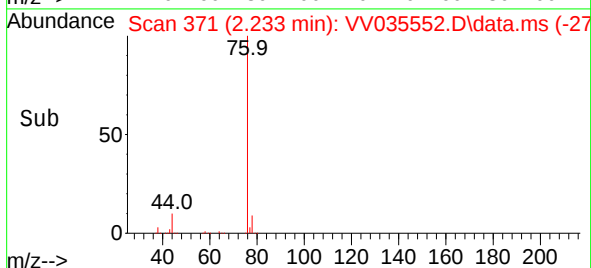
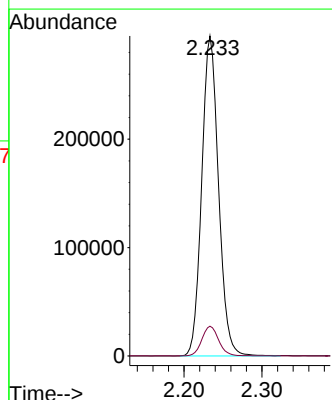
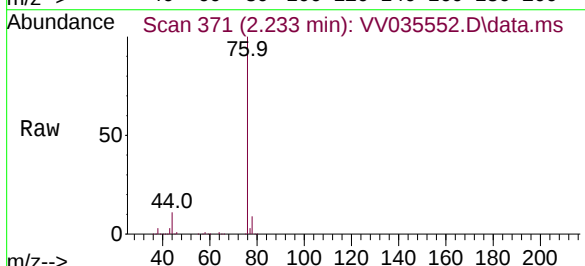
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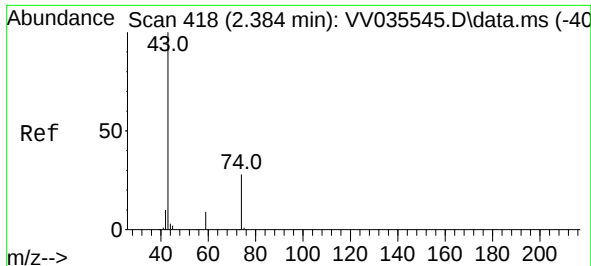
Tgt Ion: 76 Resp: 441720

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3





#15

Methyl Acetate

Concen: 22.585 ug/L

RT: 2.384 min Scan# 418

Delta R.T. 0.000 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

Instrument :

MSVOA_V

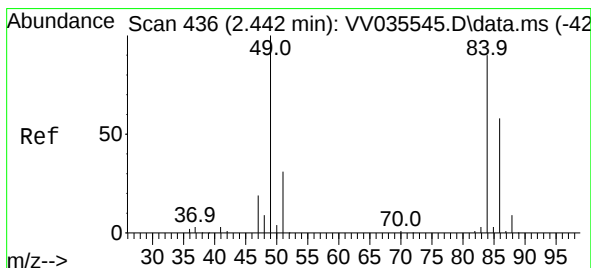
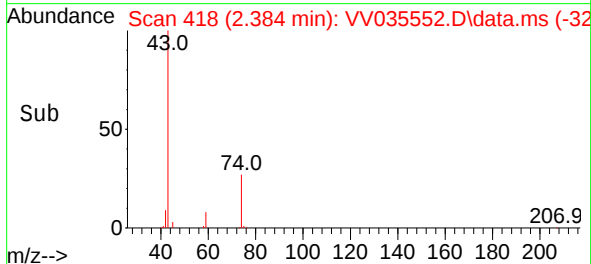
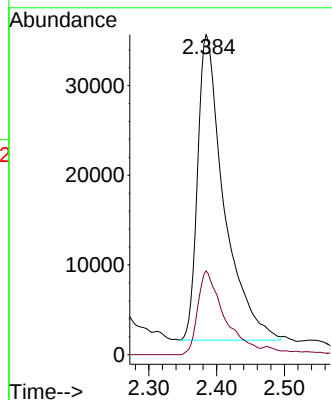
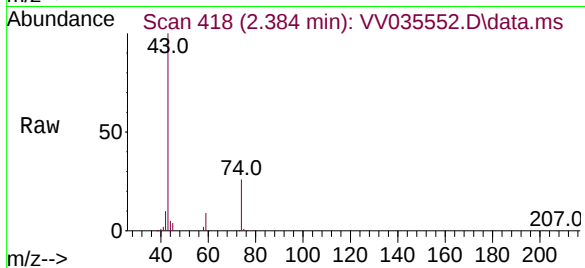
ClientSampleId :

Tgt Ion: 43 Resp: 91903

Ion Ratio Lower Upper

43 100

74 27.8 18.6 27.8



#16

Methylene chloride

Concen: 30.893 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

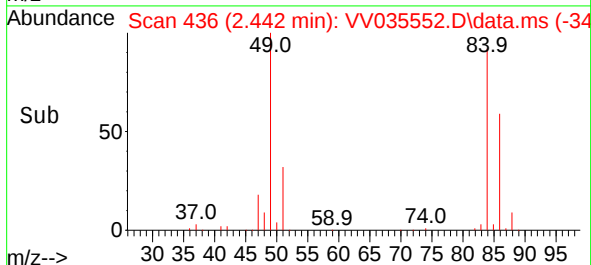
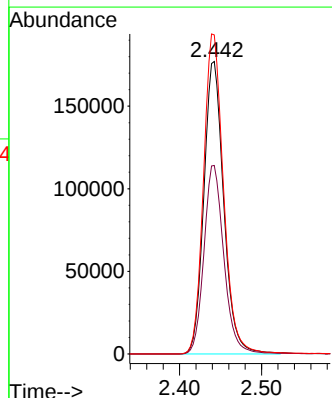
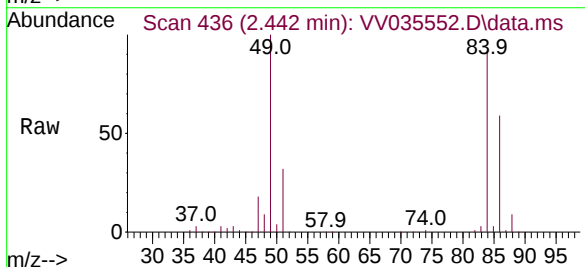
Tgt Ion: 84 Resp: 297987

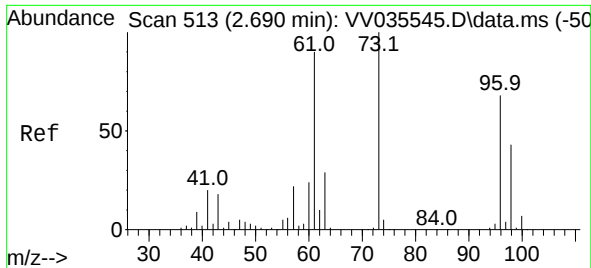
Ion Ratio Lower Upper

84 100

86 64.5 43.8 81.3

49 109.1 75.3 139.9





#17

trans-1,2-Dichloroethene

Concen: 24.641 ug/L

RT: 2.687 min Scan# 513

Delta R.T. -0.003 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

Instrument :

MSVOA_V

ClientSampleId :

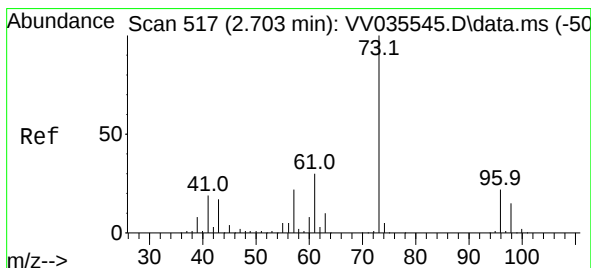
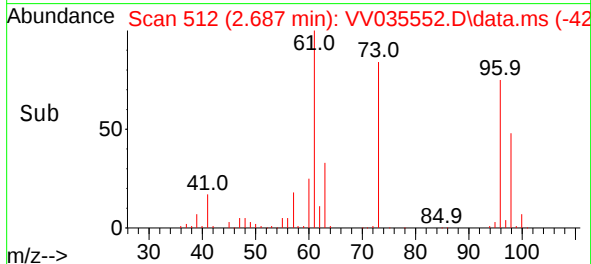
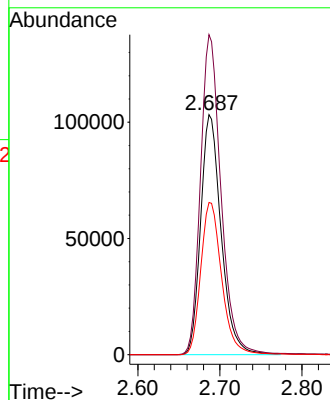
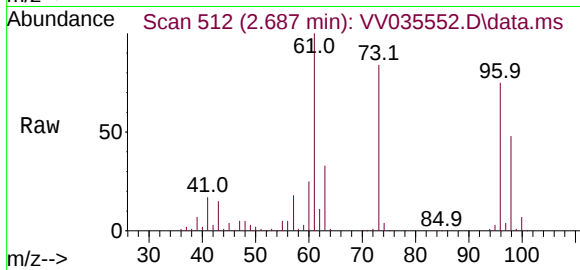
Tgt Ion: 96 Resp: 179500

Ion Ratio Lower Upper

96 100

61 133.4 95.5 177.4

98 63.4 46.0 85.4



#18

Methyl tert-butyl Ether

Concen: 28.828 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

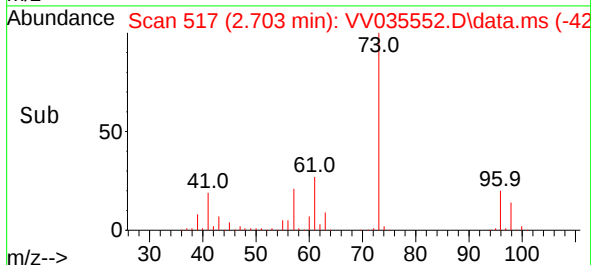
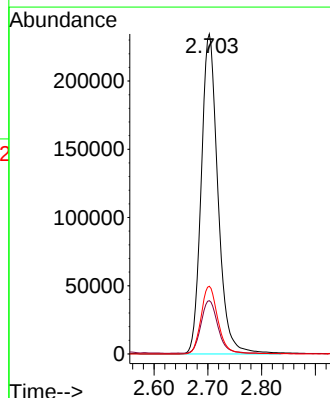
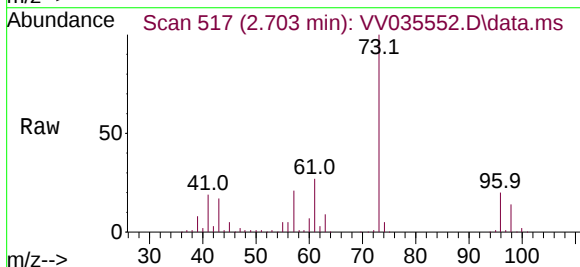
Tgt Ion: 73 Resp: 506553

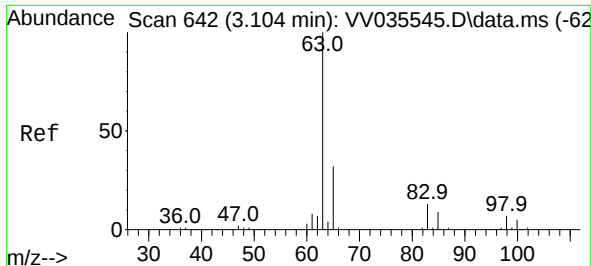
Ion Ratio Lower Upper

73 100

43 16.5 13.3 19.9

57 21.3 17.4 26.2





#19

1,1-Dichloroethane

Concen: 25.989 ug/L

RT: 3.105 min Scan# 642

Delta R.T. 0.000 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

Instrument :

MSVOA_V

ClientSampleId :

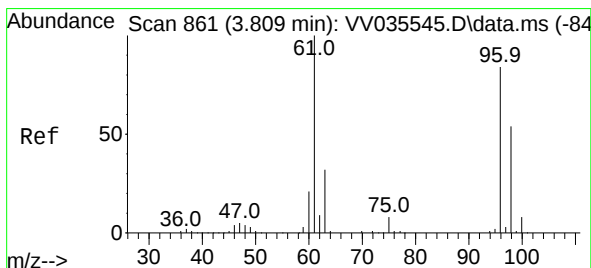
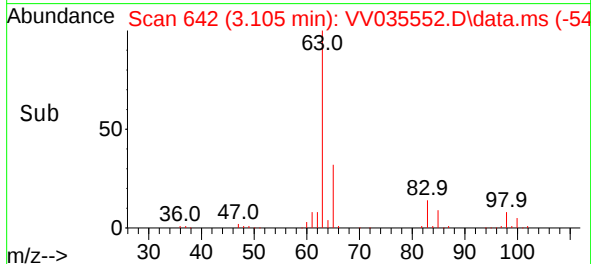
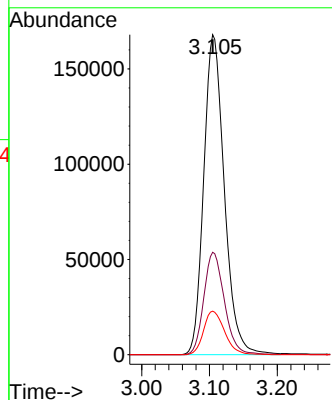
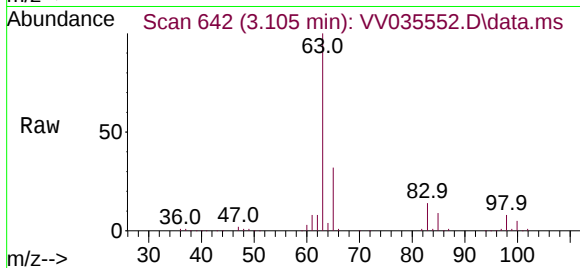
Tgt Ion: 63 Resp: 354916

Ion Ratio Lower Upper

63 100

65 32.0 22.7 42.3

83 13.6 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 25.598 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

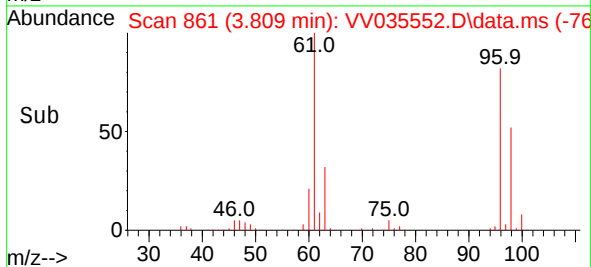
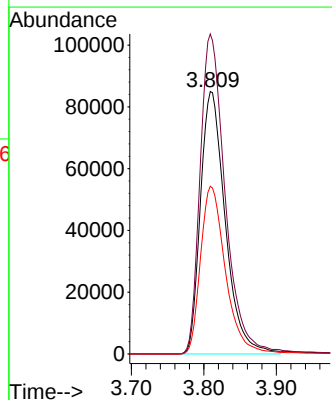
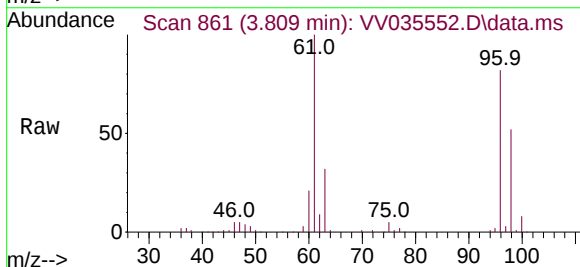
Tgt Ion: 96 Resp: 202143

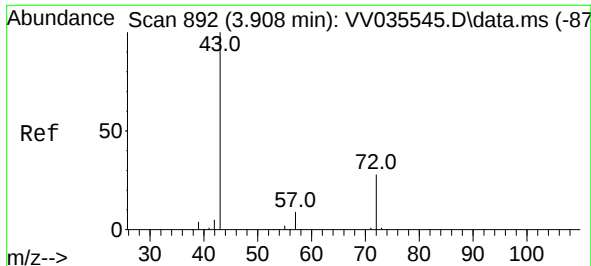
Ion Ratio Lower Upper

96 100

61 121.9 83.9 155.9

98 63.9 44.0 81.8





#22

2-Butanone

Concen: 48.412 ug/L

RT: 3.912 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

Instrument :

MSVOA_V

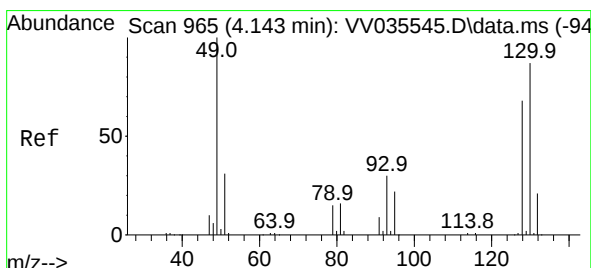
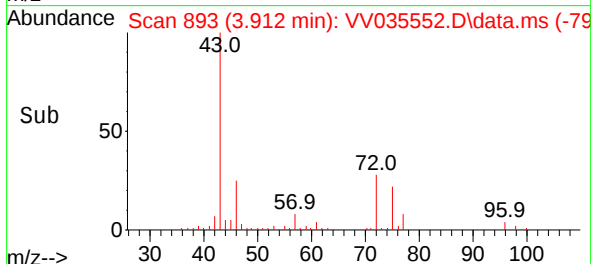
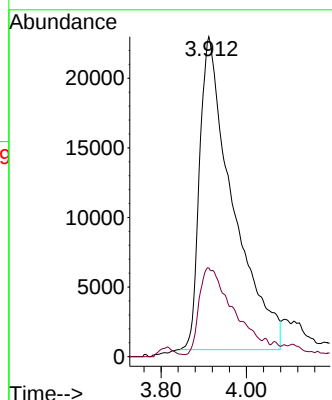
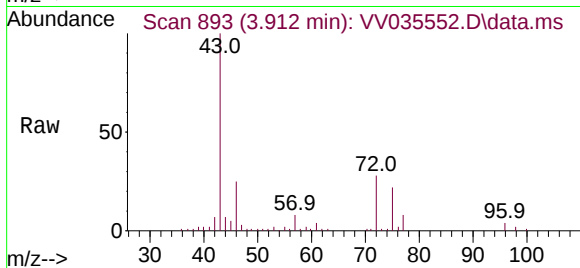
ClientSampleId :

Tgt Ion: 43 Resp: 120752

Ion Ratio Lower Upper

43 100

72 10.3 12.3 36.9#



#23

Bromochloromethane

Concen: 27.098 ug/L

RT: 4.143 min Scan# 965

Delta R.T. 0.000 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

Tgt Ion:128 Resp: 103497

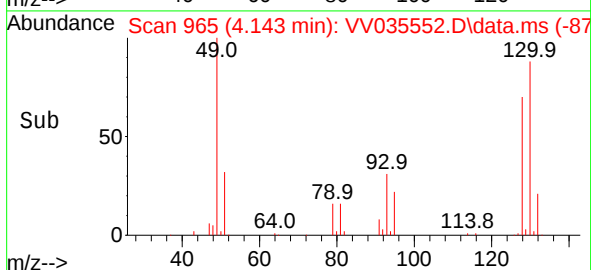
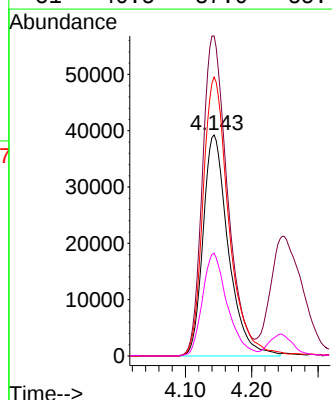
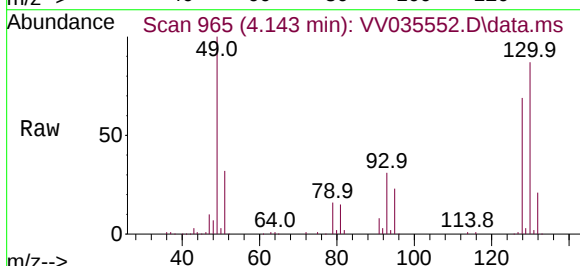
Ion Ratio Lower Upper

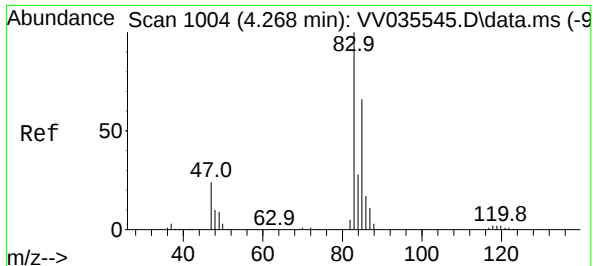
128 100

49 144.8 103.1 191.5

130 126.2 91.8 170.4

51 46.5 37.0 55.4





#25

Chloroform

Concen: 26.724 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

Instrument :

MSVOA_V

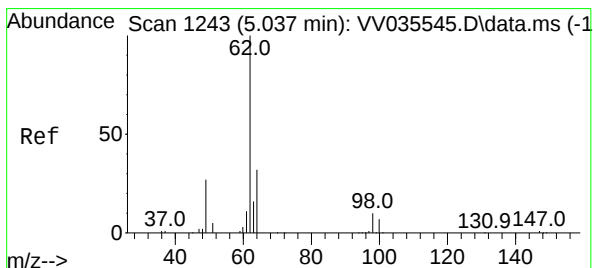
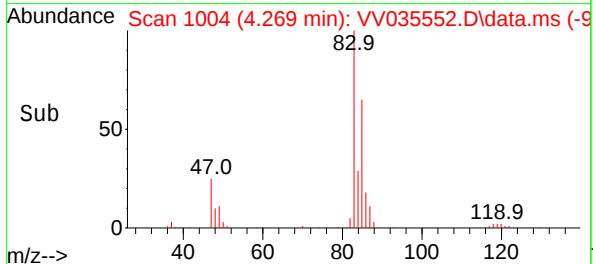
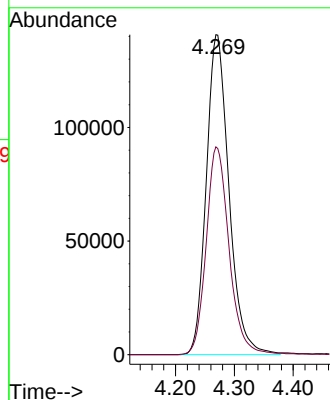
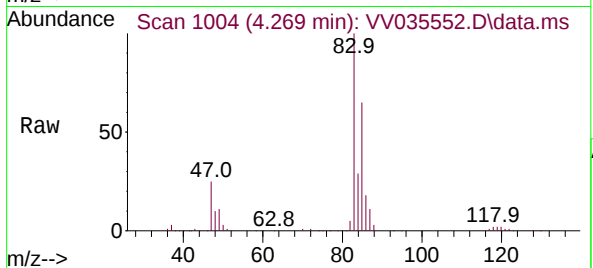
ClientSampleId :

Tgt Ion: 83 Resp: 376853

Ion Ratio Lower Upper

83 100

85 64.9 44.7 82.9



#27

1,2-Dichloroethane

Concen: 28.091 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV035552.D

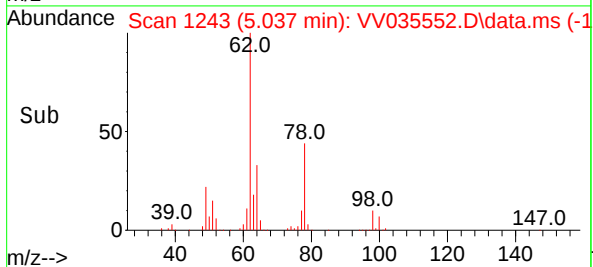
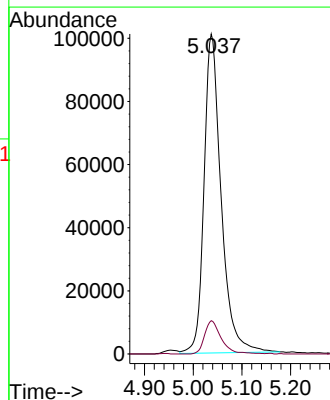
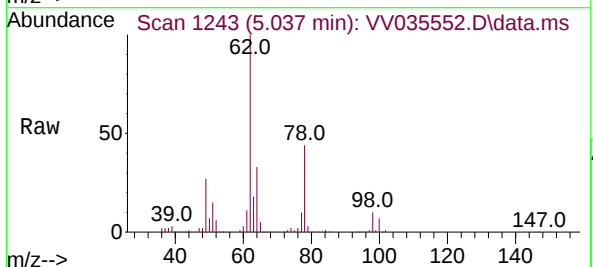
Acq: 07 May 2024 16:12

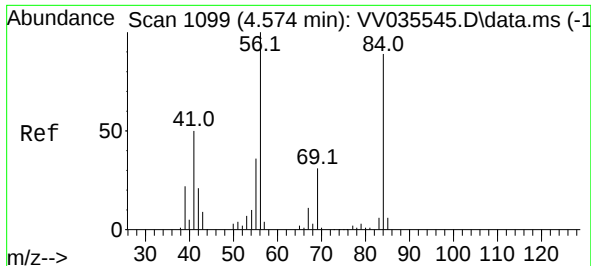
Tgt Ion: 62 Resp: 246681

Ion Ratio Lower Upper

62 100

98 10.4 8.2 12.2





#29

Cyclohexane

Concen: 23.123 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.003 min

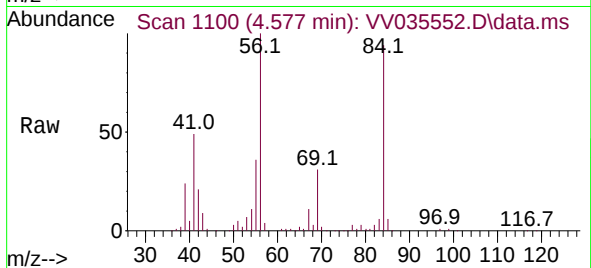
Lab File: VV035552.D

Acq: 07 May 2024 16:12

Instrument :

MSVOA_V

ClientSampleId :



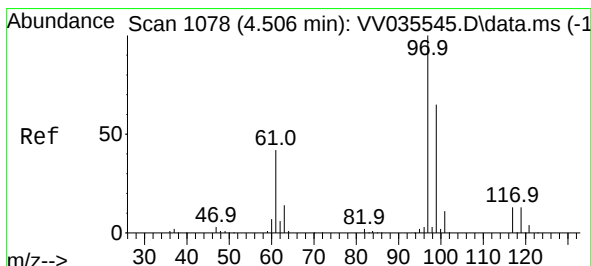
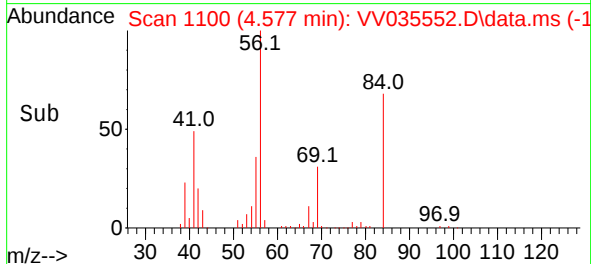
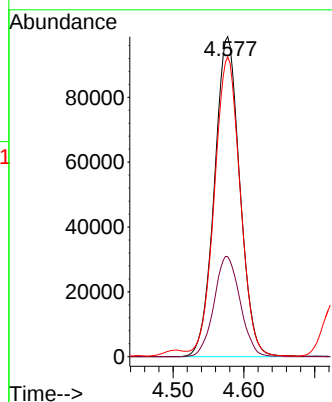
Tgt Ion: 56 Resp: 245952

Ion Ratio Lower Upper

56 100

69 32.2 25.6 38.4

84 95.0 74.8 112.2



#30

1,1,1-Trichloroethane

Concen: 25.241 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

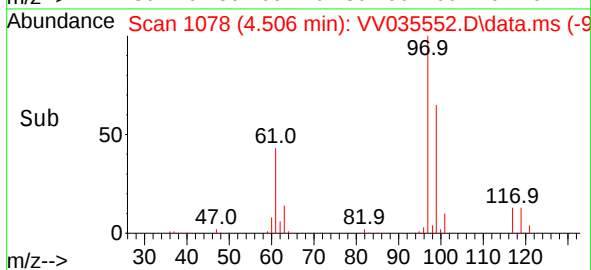
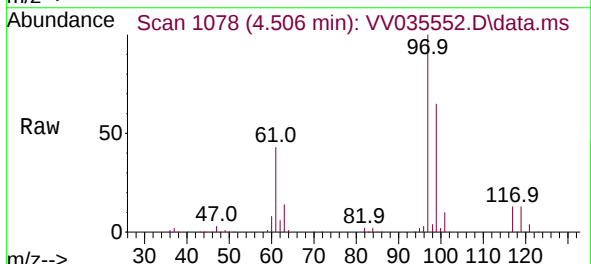
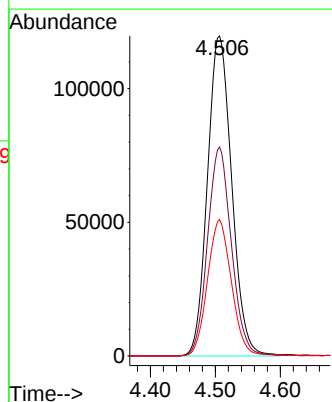
Tgt Ion: 97 Resp: 311293

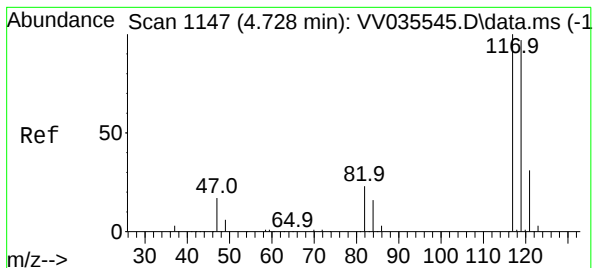
Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

61 41.8 33.5 50.3





#31

Carbon tetrachloride

Concen: 24.919 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

Instrument :

MSVOA_V

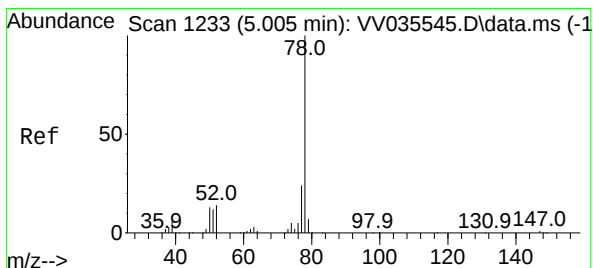
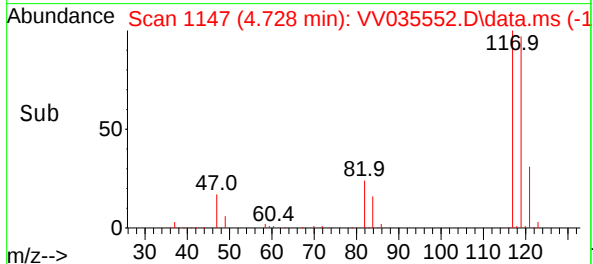
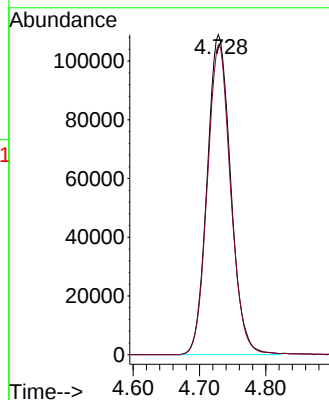
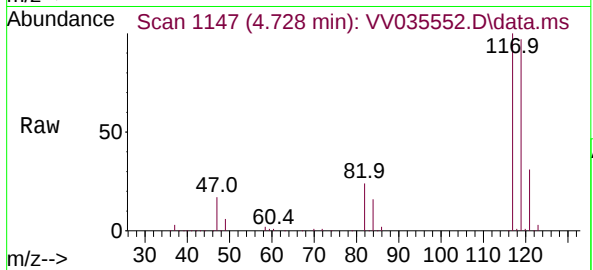
ClientSampleId :

Tgt Ion:117 Resp: 269645

Ion Ratio Lower Upper

117 100

119 96.1 77.3 115.9



#33

Benzene

Concen: 25.738 ug/L

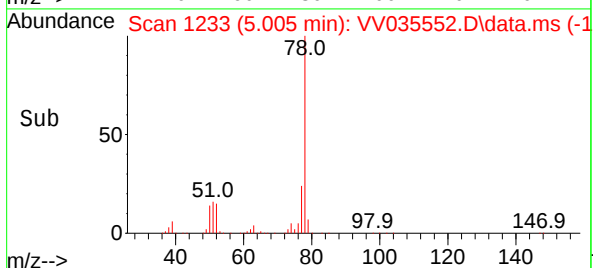
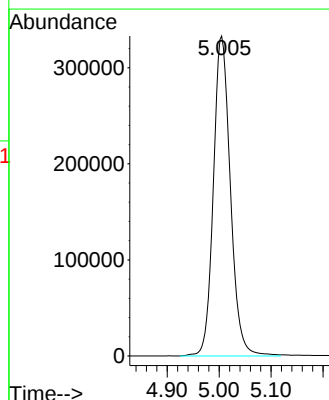
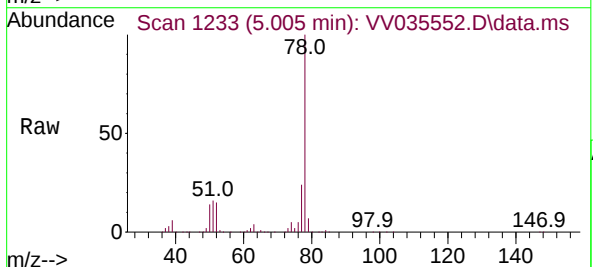
RT: 5.005 min Scan# 1233

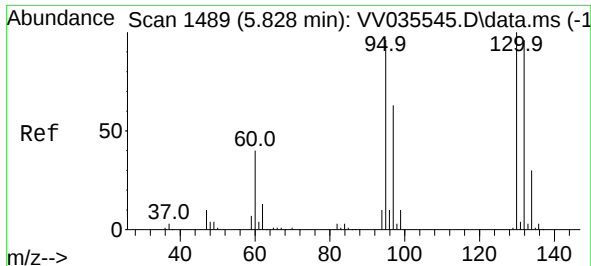
Delta R.T. 0.000 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

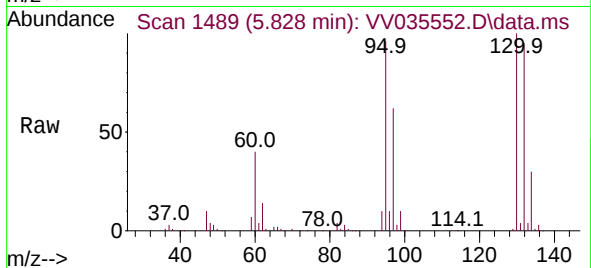
Tgt Ion: 78 Resp: 757678



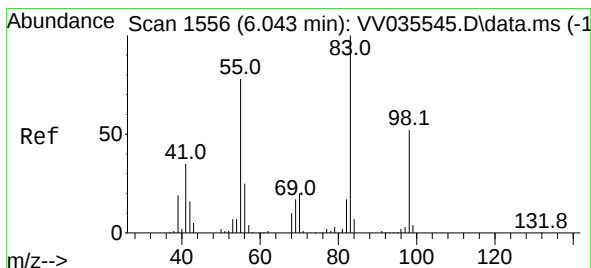
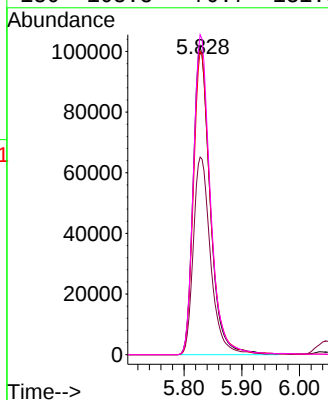
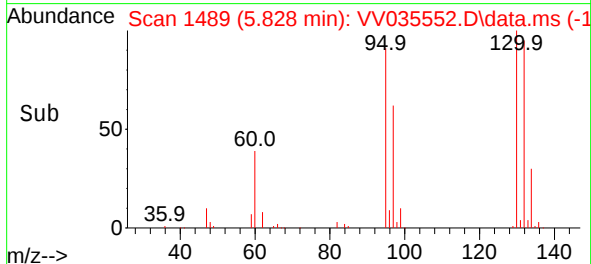


#34
Trichloroethene
Concen: 24.851 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV035552.D
Acq: 07 May 2024 16:12

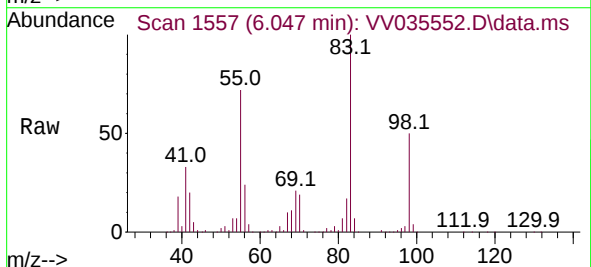
Instrument :
MSVOA_V
ClientSampleId :



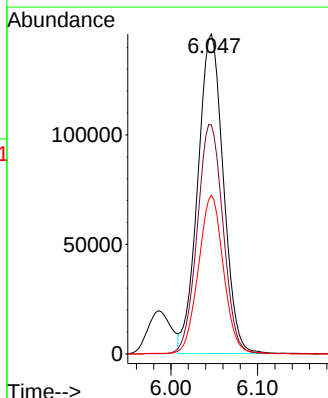
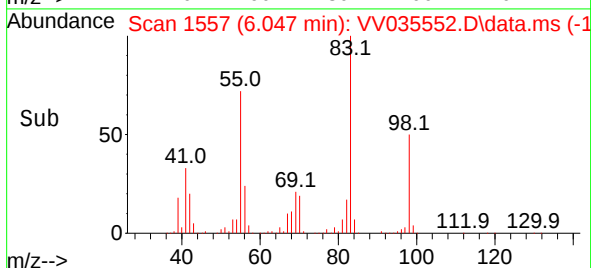
Tgt Ion: 95 Resp: 206937
Ion Ratio Lower Upper
95 100
97 64.1 43.8 81.4
132 98.4 67.1 124.7
130 103.8 70.7 131.3

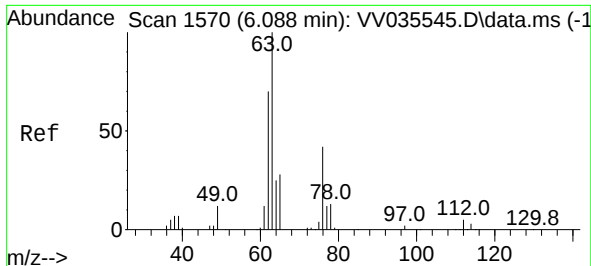


#35
Methylcyclohexane
Concen: 23.668 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.003 min
Lab File: VV035552.D
Acq: 07 May 2024 16:12



Tgt Ion: 83 Resp: 299215
Ion Ratio Lower Upper
83 100
55 72.7 57.5 86.3
98 48.7 38.6 58.0

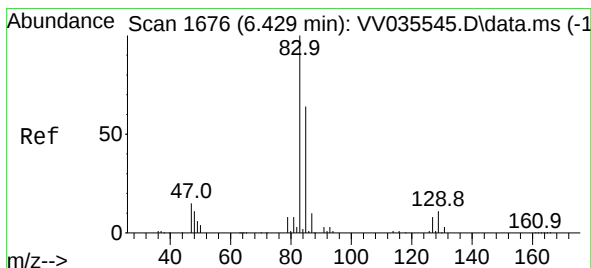
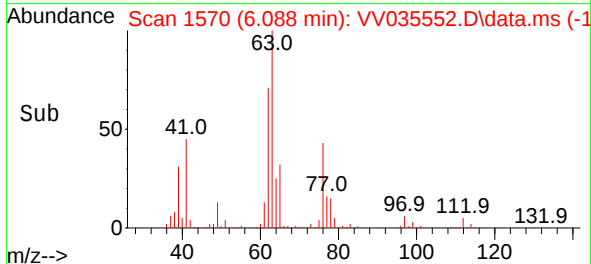
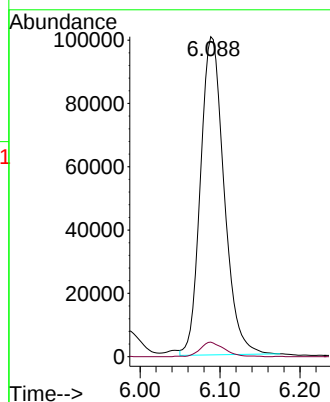
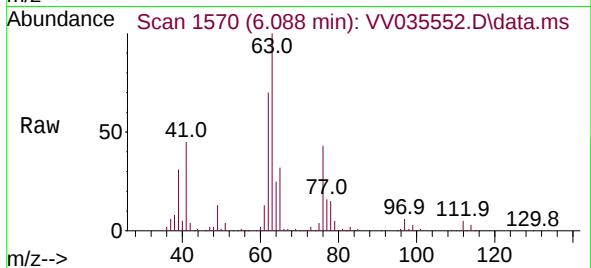




#37
1,2-Dichloropropane
Concen: 26.869 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV035552.D
Acq: 07 May 2024 16:12

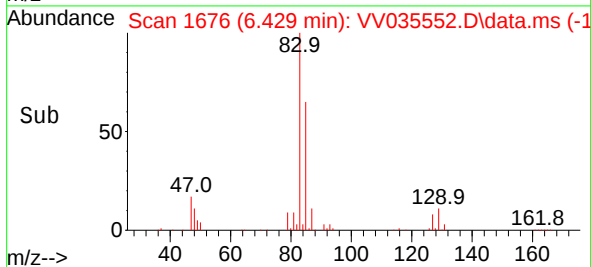
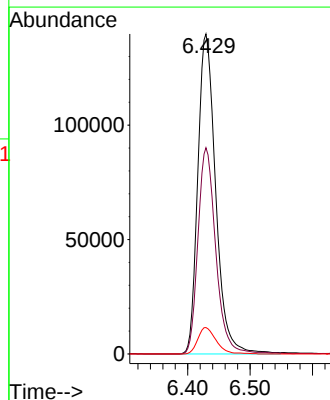
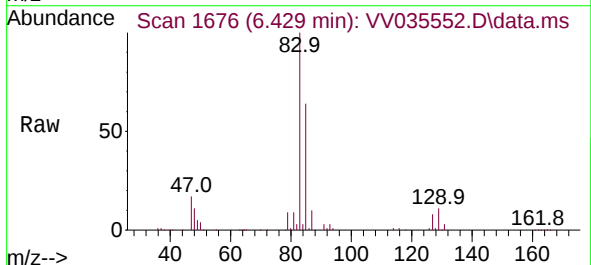
Instrument :
MSVOA_V
ClientSampleId :

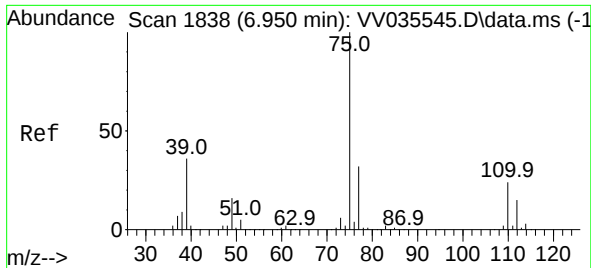
Tgt Ion: 63 Resp: 206367
Ion Ratio Lower Upper
63 100
112 4.4 3.8 5.6



#38
Bromodichloromethane
Concen: 26.831 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035552.D
Acq: 07 May 2024 16:12

Tgt Ion: 83 Resp: 279165
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.9
127 8.3 7.0 10.6

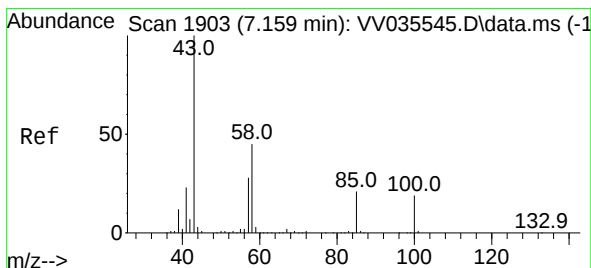
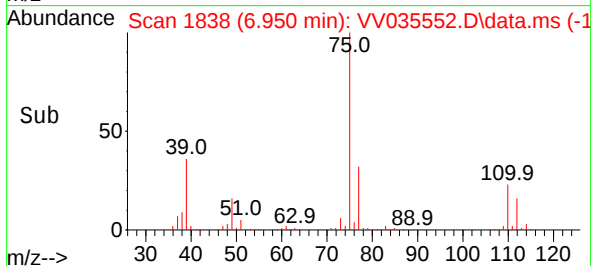
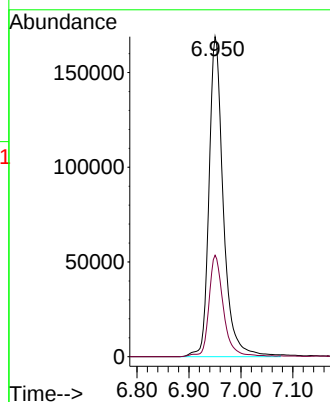
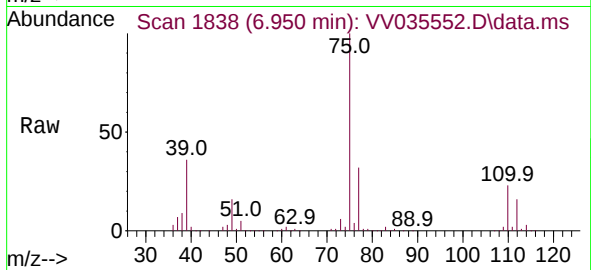




#39
 cis-1,3-Dichloropropene
 Concen: 26.945 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV035552.D
 Acq: 07 May 2024 16:12

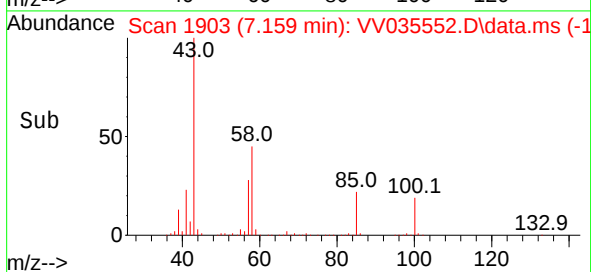
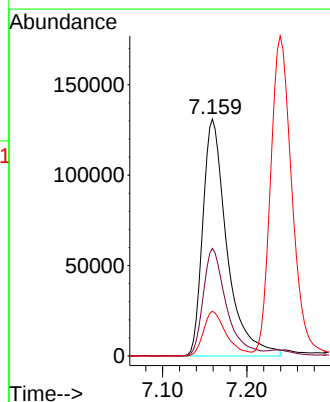
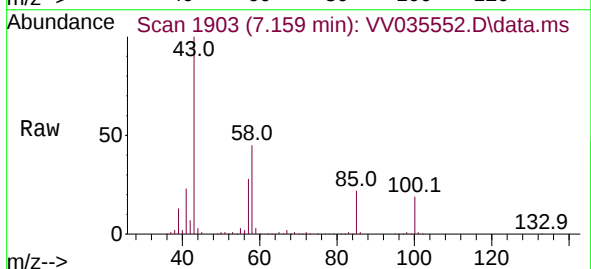
Instrument :
 MSVOA_V
 ClientSampleId :

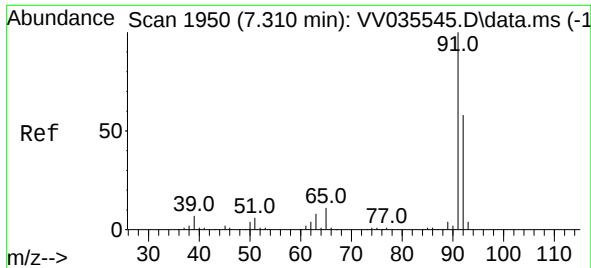
Tgt Ion: 75 Resp: 323693
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 56.835 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VV035552.D
 Acq: 07 May 2024 16:12

Tgt Ion: 43 Resp: 261428
 Ion Ratio Lower Upper
 43 100
 58 43.8 34.8 52.2
 100 17.8 13.9 20.9





#42

Toluene

Concen: 26.493 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

Instrument :

MSVOA_V

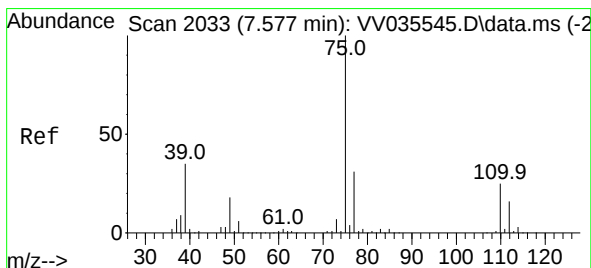
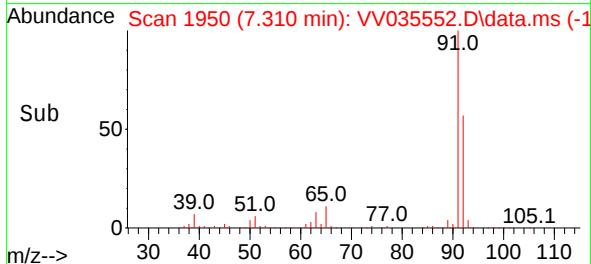
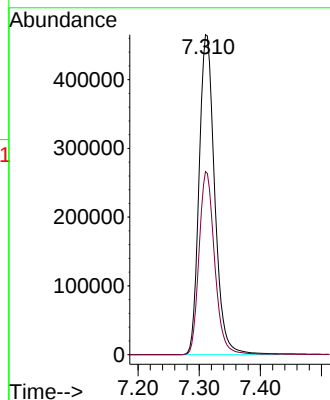
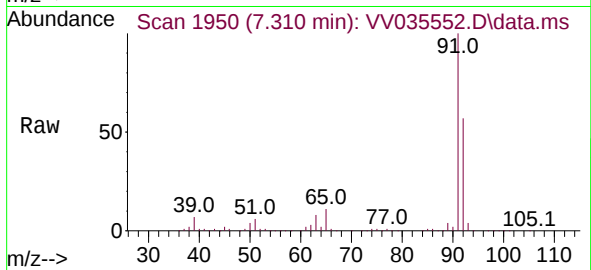
ClientSampleId :

Tgt Ion: 91 Resp: 825357

Ion Ratio Lower Upper

91 100

92 57.3 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 27.901 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035552.D

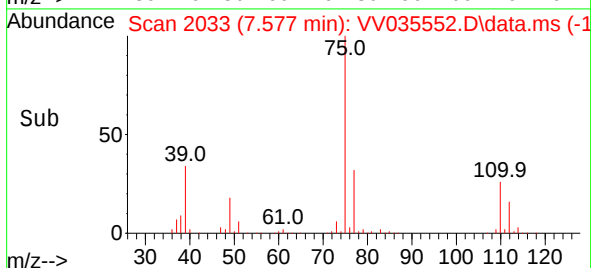
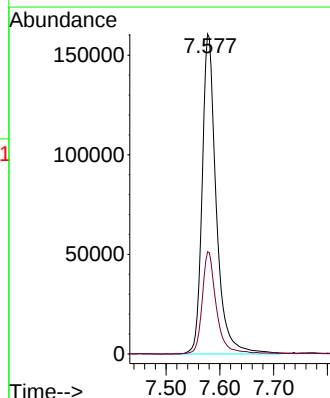
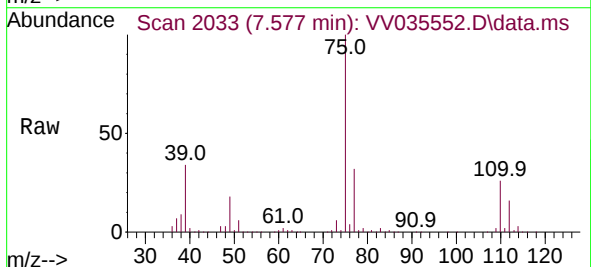
Acq: 07 May 2024 16:12

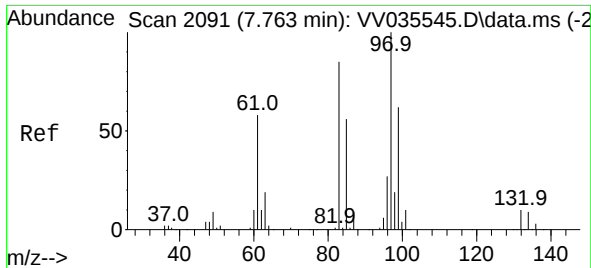
Tgt Ion: 75 Resp: 293200

Ion Ratio Lower Upper

75 100

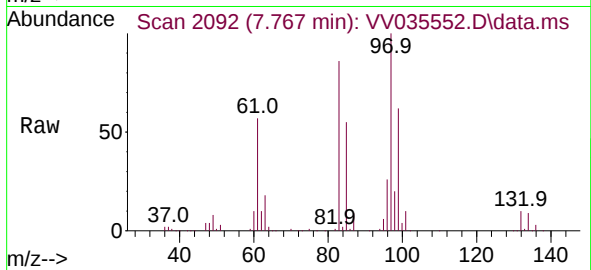
77 31.9 22.4 41.6



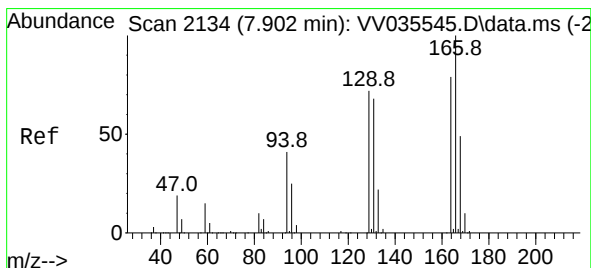
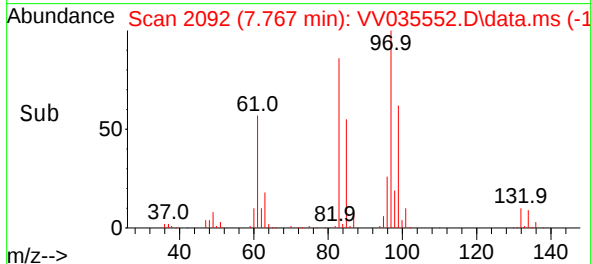
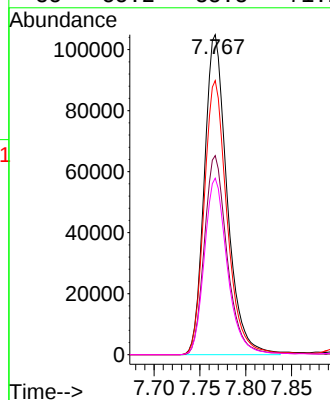


#45
1,1,2-Trichloroethane
Concen: 27.842 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV035552.D
Acq: 07 May 2024 16:12

Instrument :
MSVOA_V
ClientSampleId :

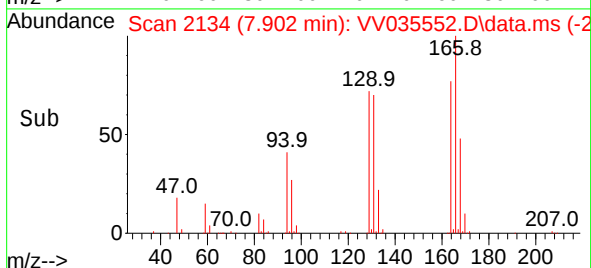
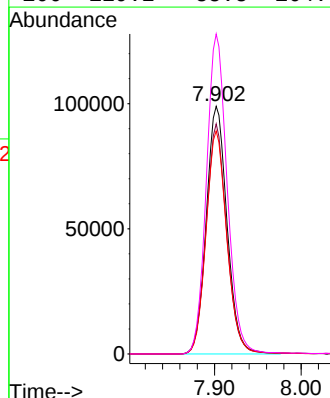
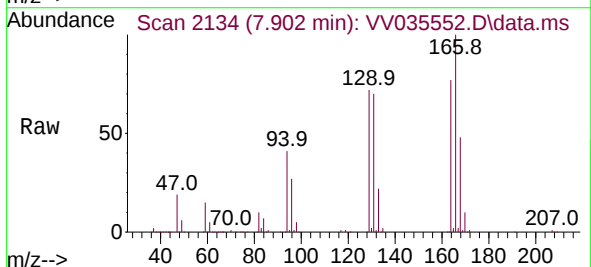


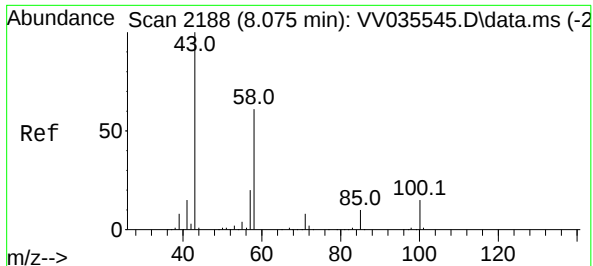
Tgt Ion:	97	Resp:	181693
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.3	80.3
83	85.7	60.3	111.9
85	55.2	38.3	71.1



#46
Tetrachloroethene
Concen: 24.457 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035552.D
Acq: 07 May 2024 16:12

Tgt Ion:	164	Resp:	165451
Ion	Ratio	Lower	Upper
164	100		
129	92.9	63.4	117.8
131	90.1	61.0	113.4
166	129.2	88.8	164.8

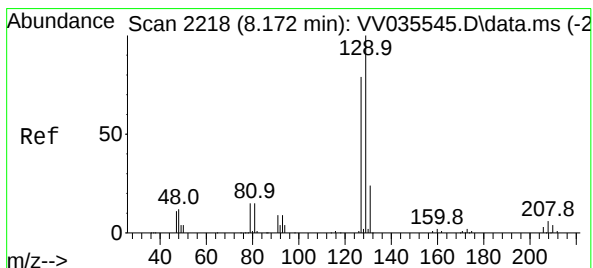
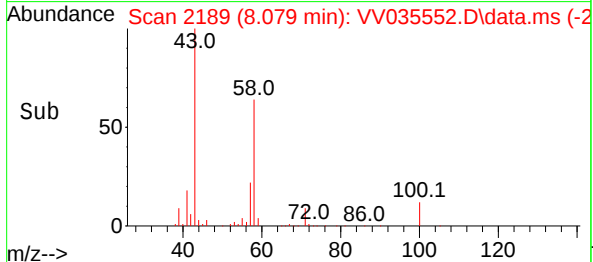
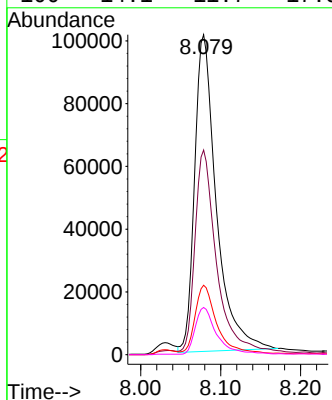
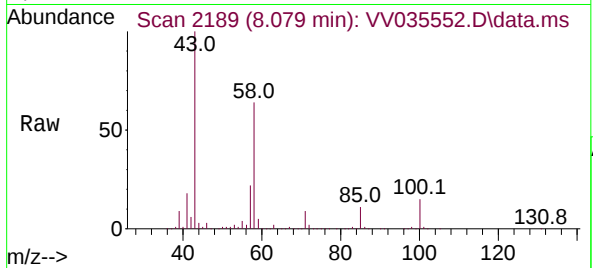




#48
2-Hexanone
Concen: 55.389 ug/L
RT: 8.079 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VV035552.D
Acq: 07 May 2024 16:12

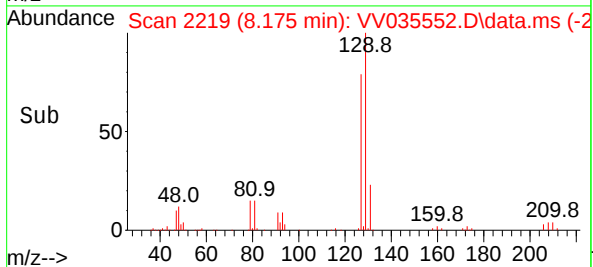
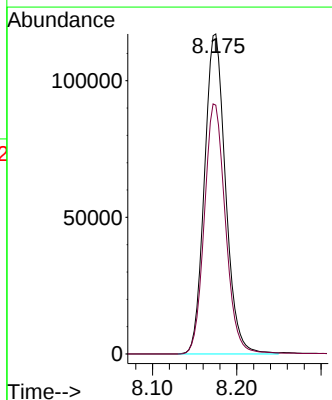
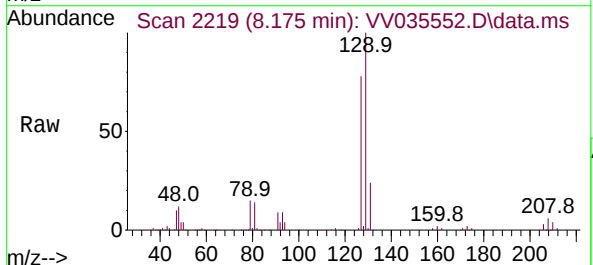
Instrument :
MSVOA_V
ClientSampleId :

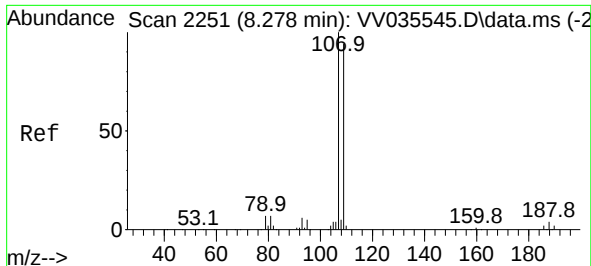
Tgt Ion: 43 Resp: 191027
Ion Ratio Lower Upper
43 100
58 64.1 48.8 73.2
57 21.4 16.9 25.3
100 14.1 11.7 17.5



#49
Dibromochloromethane
Concen: 27.714 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV035552.D
Acq: 07 May 2024 16:12

Tgt Ion: 129 Resp: 204077
Ion Ratio Lower Upper
129 100
127 77.8 53.8 99.8





#50

1,2-Dibromoethane

Concen: 28.140 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.003 min

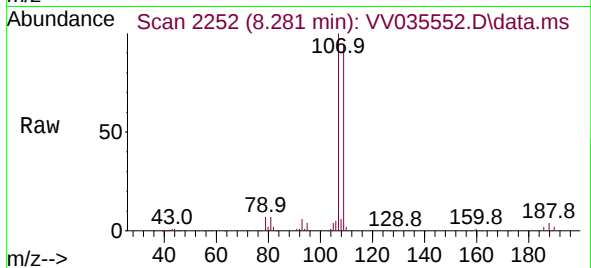
Lab File: VV035552.D

Acq: 07 May 2024 16:12

Instrument :

MSVOA_V

ClientSampleId :



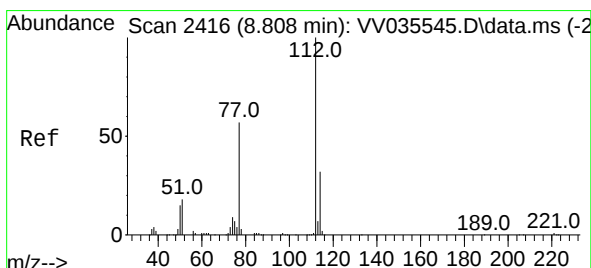
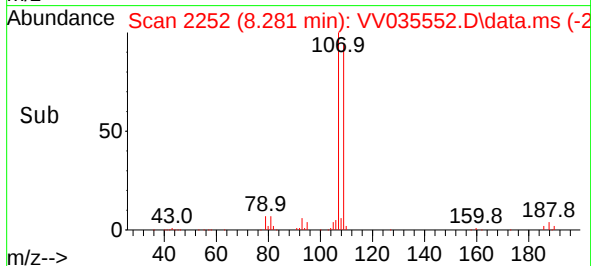
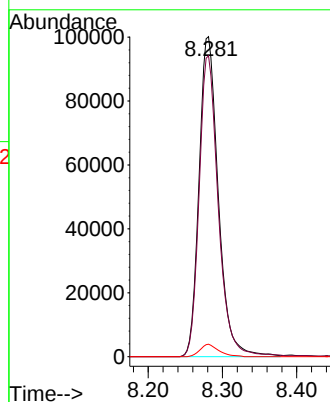
Tgt Ion:107 Resp: 180908

Ion Ratio Lower Upper

107 100

109 94.0 65.4 121.4

188 3.9 2.9 4.3



#51

Chlorobenzene

Concen: 25.838 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

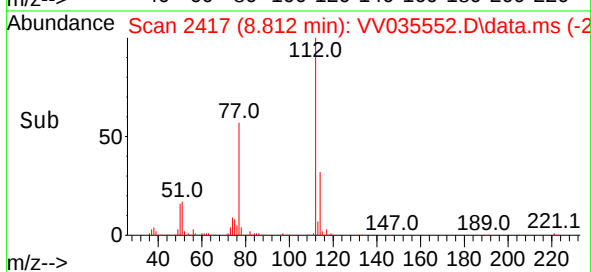
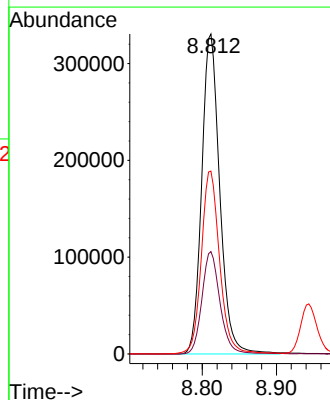
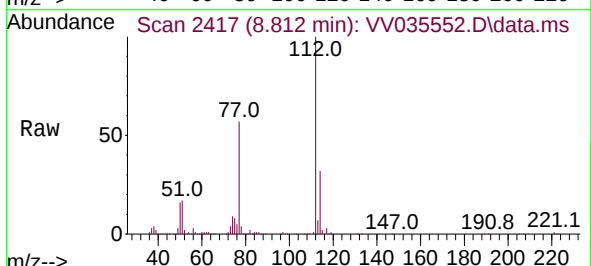
Tgt Ion:112 Resp: 558539

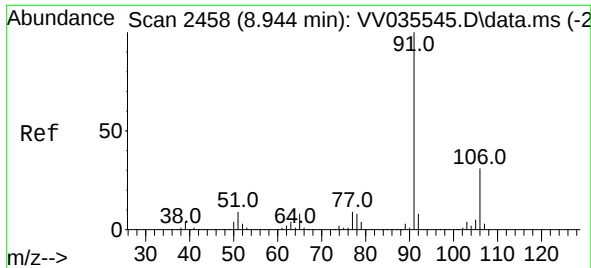
Ion Ratio Lower Upper

112 100

114 32.0 22.5 41.7

77 57.2 46.6 69.8

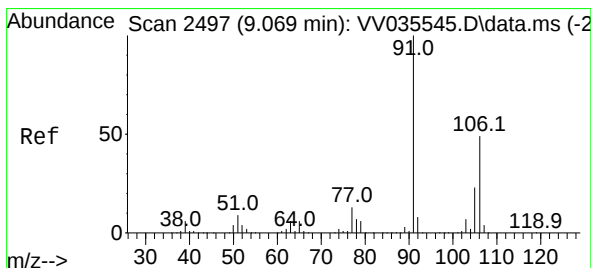
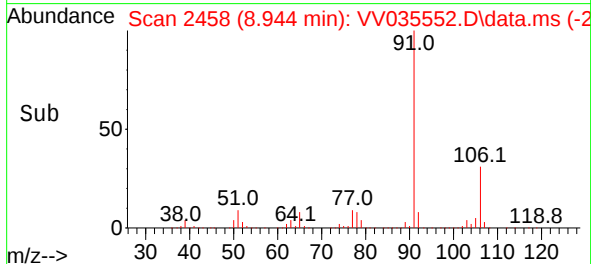
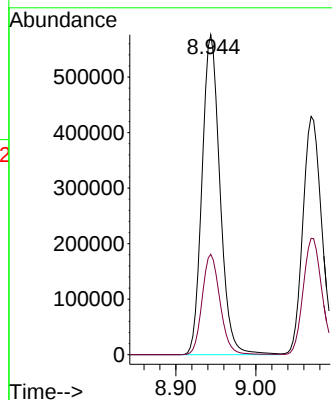
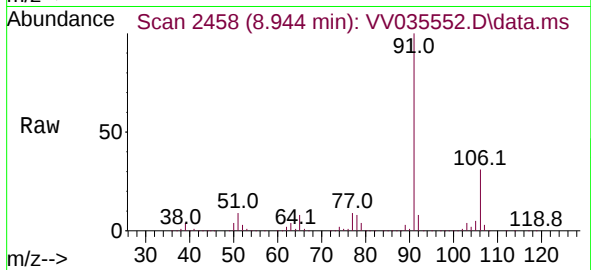




#52
Ethylbenzene
Concen: 26.202 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035552.D
Acq: 07 May 2024 16:12

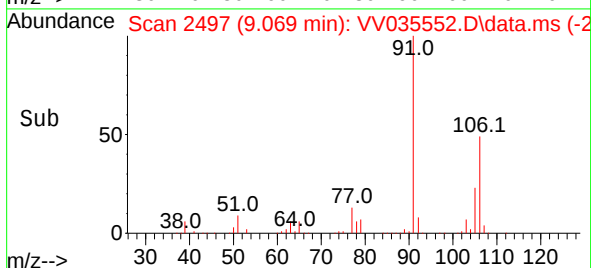
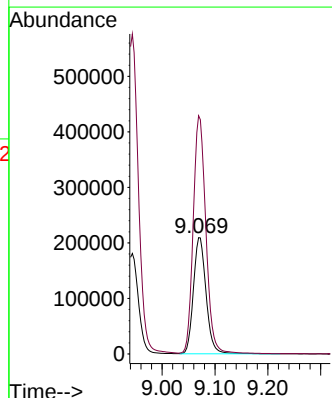
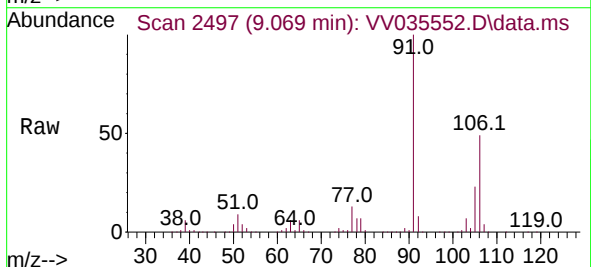
Instrument :
MSVOA_V
ClientSampleId :

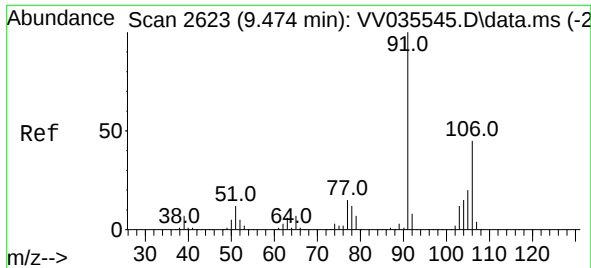
Tgt Ion: 91 Resp: 901263
Ion Ratio Lower Upper
91 100
106 31.4 21.7 40.3



#53
m,p-Xylene
Concen: 26.683 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV035552.D
Acq: 07 May 2024 16:12

Tgt Ion:106 Resp: 348214
Ion Ratio Lower Upper
106 100
91 204.8 142.7 264.9

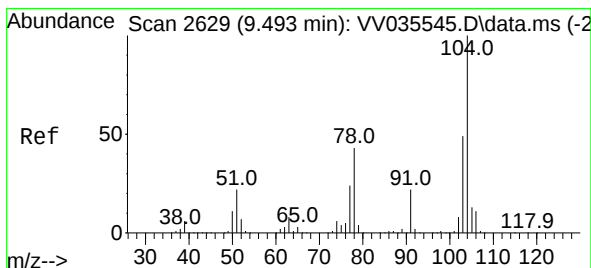
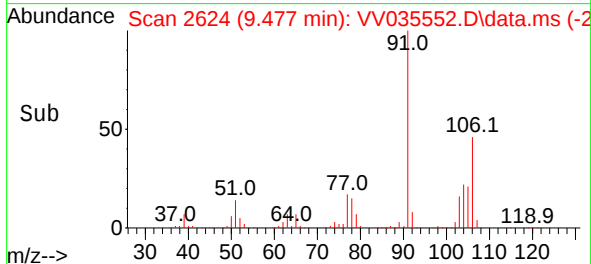
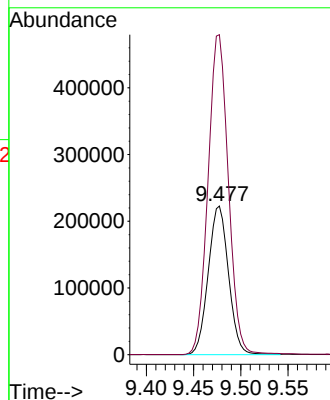
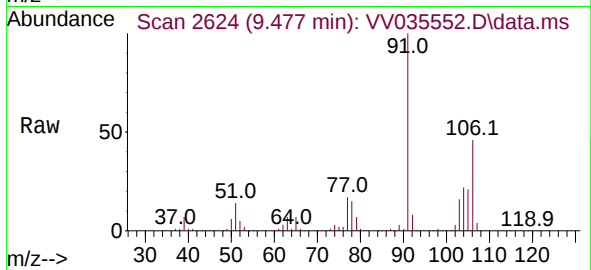




#54
o-Xylene
Concen: 26.952 ug/L
RT: 9.477 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV035552.D
Acq: 07 May 2024 16:12

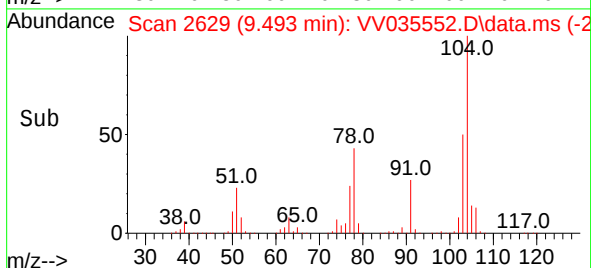
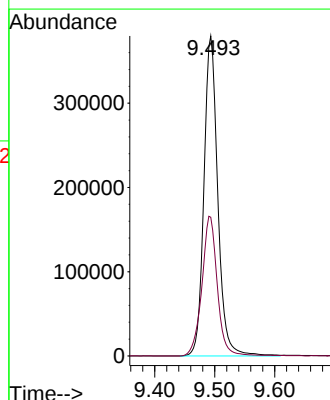
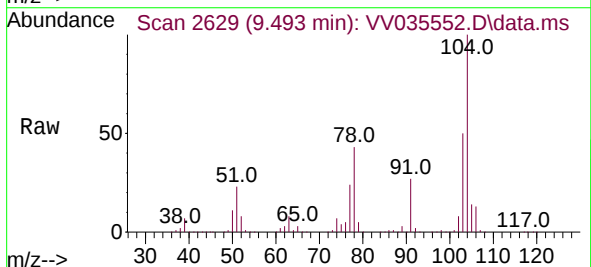
Instrument :
MSVOA_V
ClientSampleId :

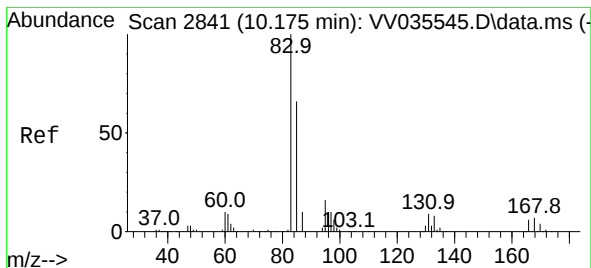
Tgt Ion:106 Resp: 333358
Ion Ratio Lower Upper
106 100
91 215.2 150.9 280.3



#55
Styrene
Concen: 28.421 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035552.D
Acq: 07 May 2024 16:12

Tgt Ion:104 Resp: 613113
Ion Ratio Lower Upper
104 100
78 43.4 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 28.615 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

Instrument :

MSVOA_V

ClientSampleId :

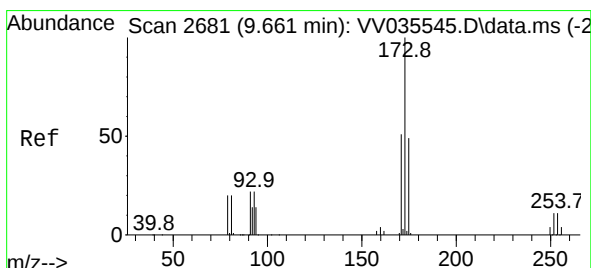
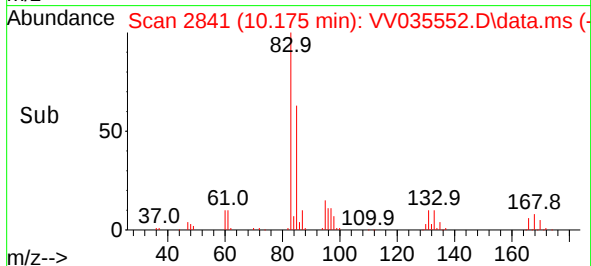
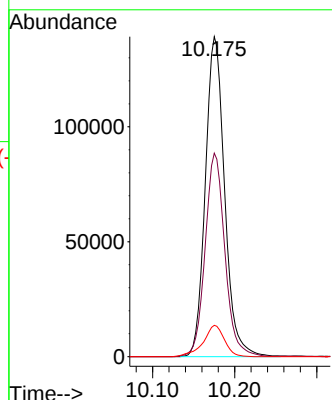
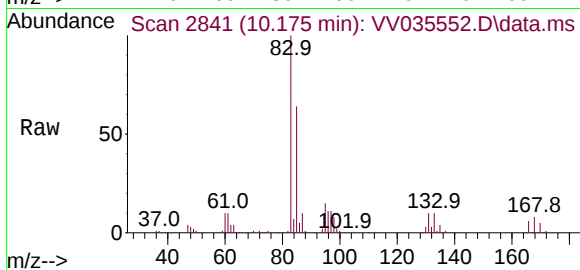
Tgt Ion: 83 Resp: 227471

Ion Ratio Lower Upper

83 100

85 63.6 44.7 83.1

131 9.8 8.0 12.0



#59

Bromoform

Concen: 27.720 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.003 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

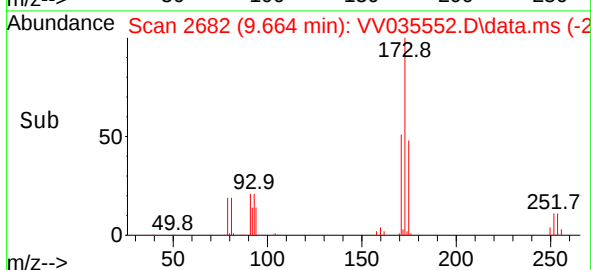
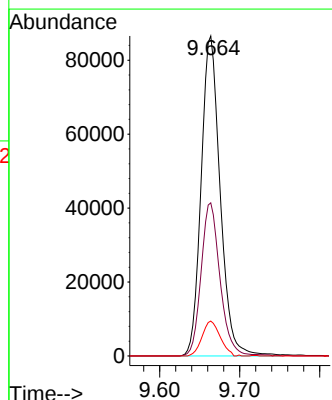
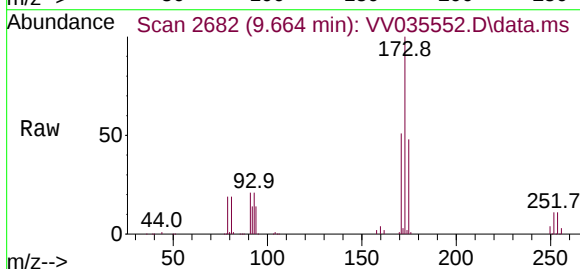
Tgt Ion: 173 Resp: 143574

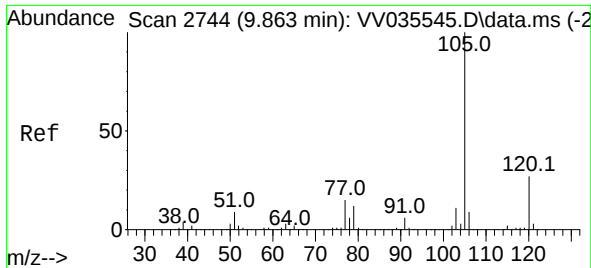
Ion Ratio Lower Upper

173 100

175 47.5 38.7 58.1

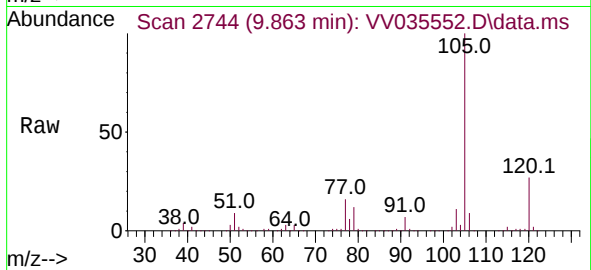
254 10.3 8.3 12.5



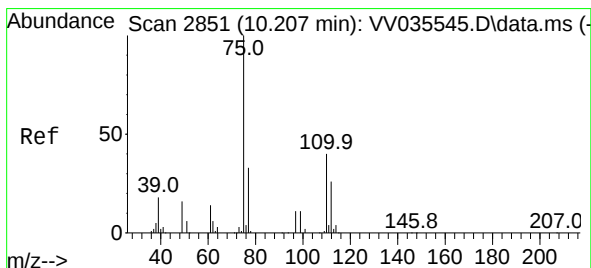
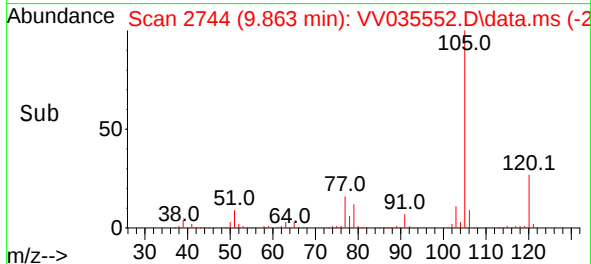
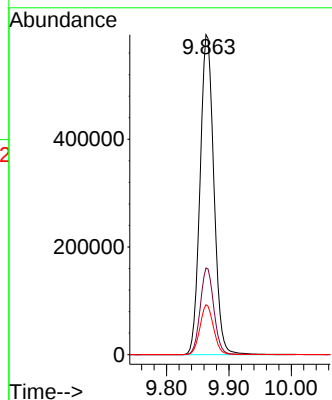


#60
Isopropylbenzene
Concen: 26.073 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035552.D
Acq: 07 May 2024 16:12

Instrument :
MSVOA_V
ClientSampleId :

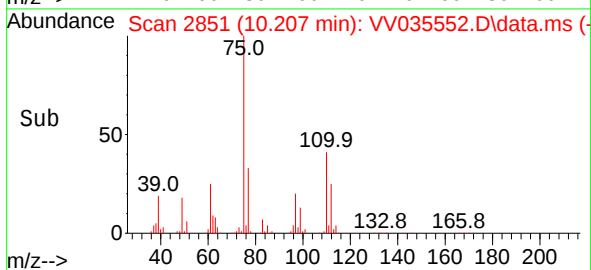
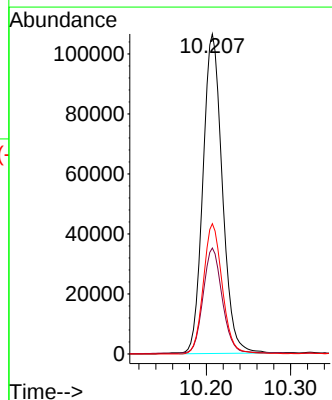
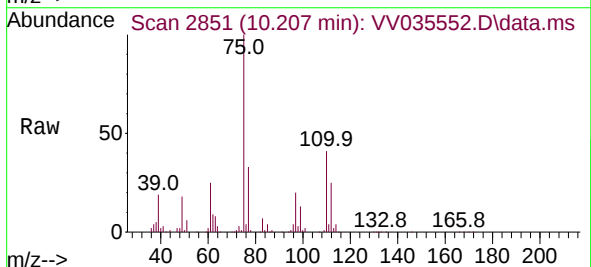


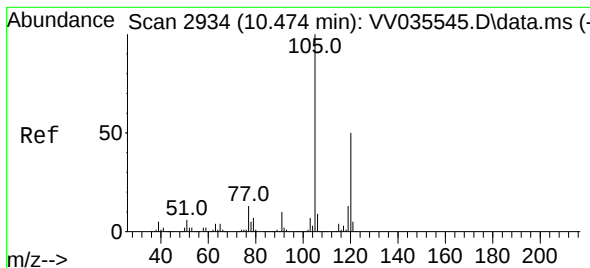
Tgt Ion:105 Resp: 915385
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 15.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 27.590 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035552.D
Acq: 07 May 2024 16:12

Tgt Ion: 75 Resp: 170393
Ion Ratio Lower Upper
75 100
77 32.6 25.7 38.5
110 39.9 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 27.319 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

Instrument :

MSVOA_V

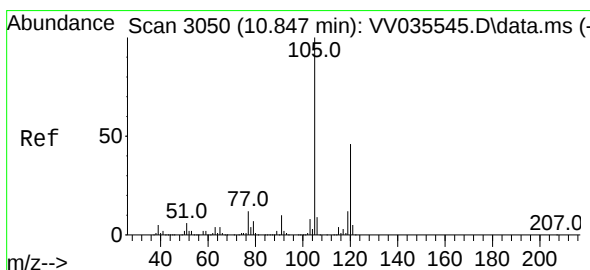
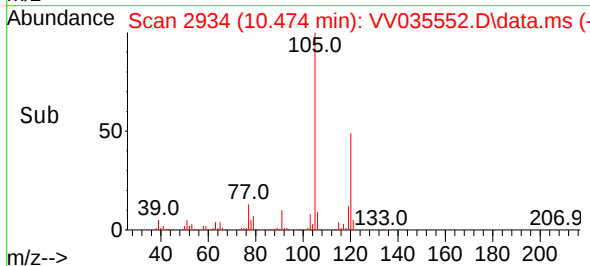
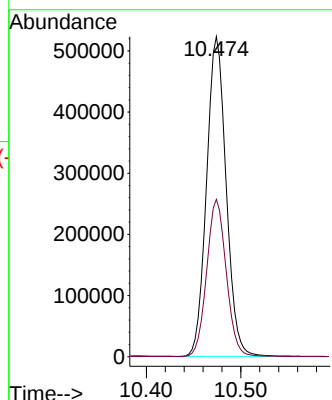
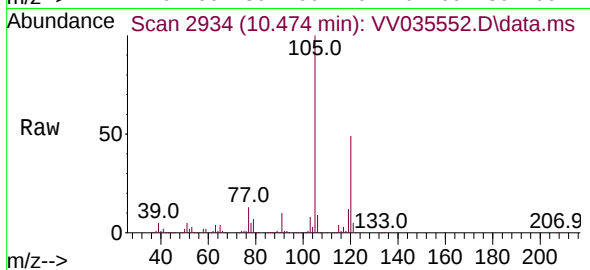
ClientSampleId :

Tgt Ion:105 Resp: 752389

Ion Ratio Lower Upper

105 100

120 49.2 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 26.701 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV035552.D

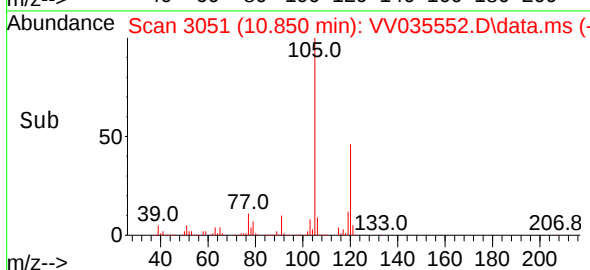
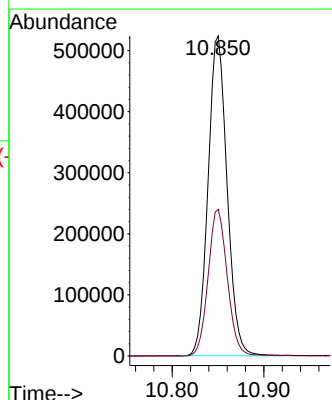
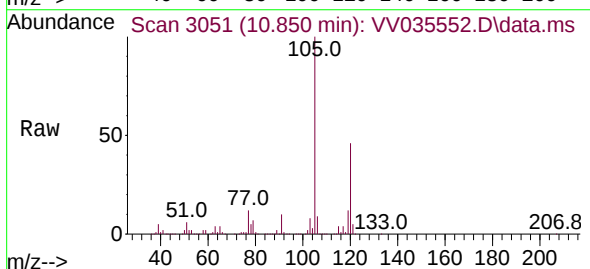
Acq: 07 May 2024 16:12

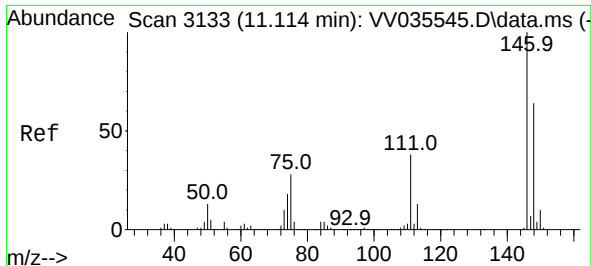
Tgt Ion:105 Resp: 755699

Ion Ratio Lower Upper

105 100

120 46.3 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 25.683 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

Instrument :

MSVOA_V

ClientSampleId :

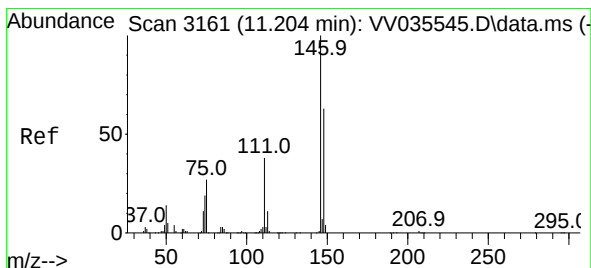
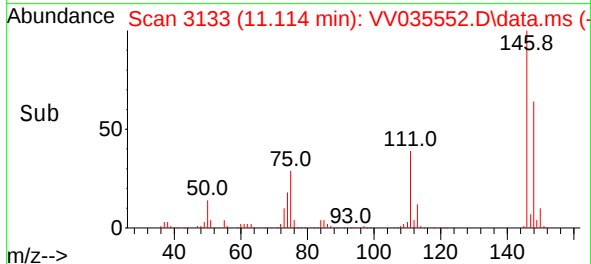
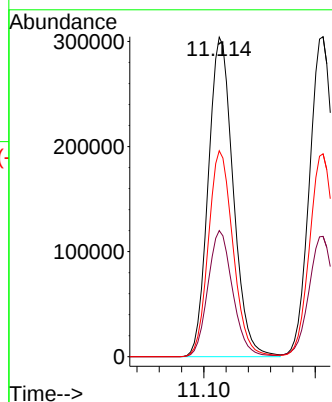
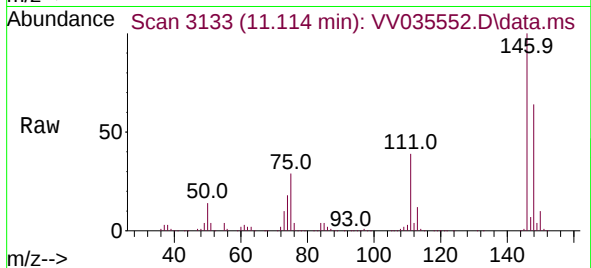
Tgt Ion:146 Resp: 473190

Ion Ratio Lower Upper

146 100

111 39.4 27.0 50.2

148 64.4 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 25.389 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

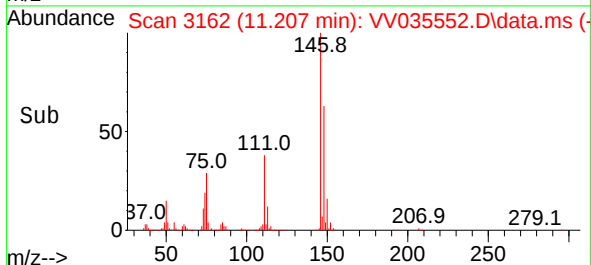
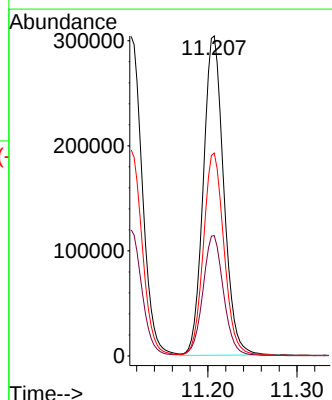
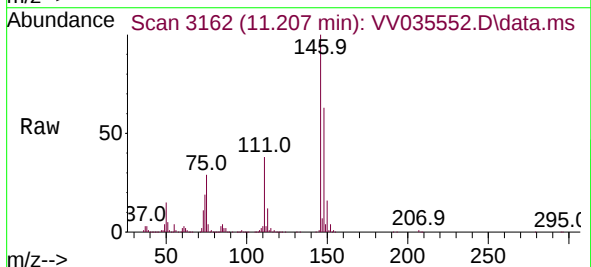
Tgt Ion:146 Resp: 484272

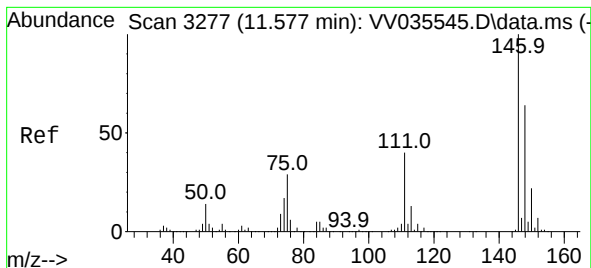
Ion Ratio Lower Upper

146 100

111 37.6 26.2 48.6

148 63.4 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 25.808 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

Instrument :

MSVOA_V

ClientSampleId :

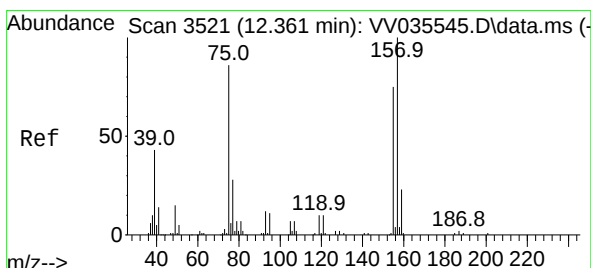
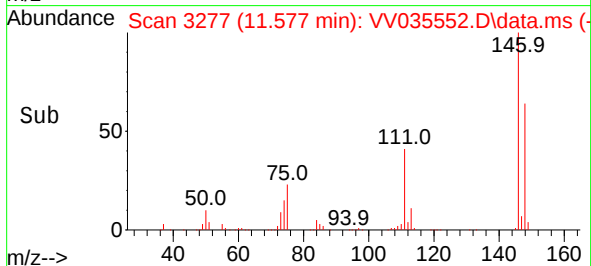
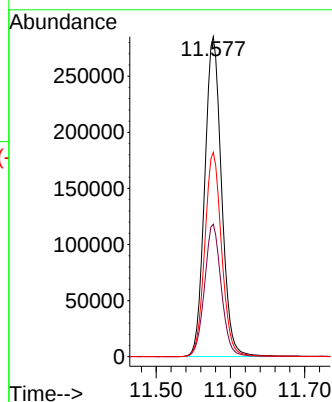
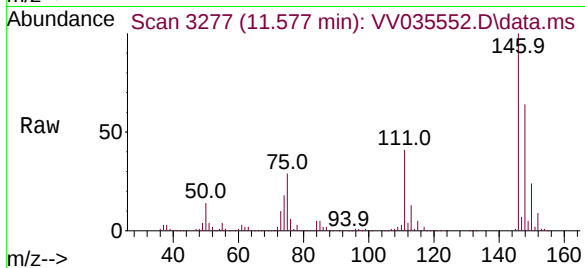
Tgt Ion:146 Resp: 447598

Ion Ratio Lower Upper

146 100

111 41.4 32.6 48.8

148 63.9 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 28.229 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

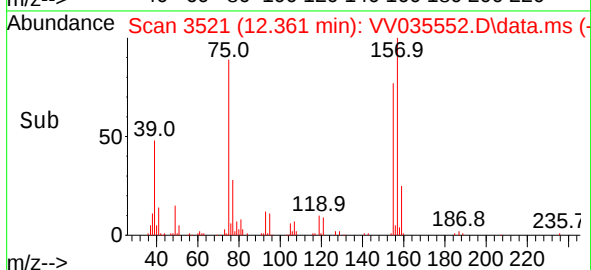
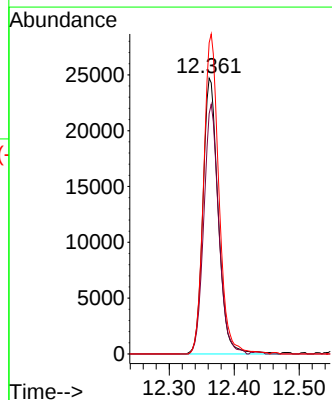
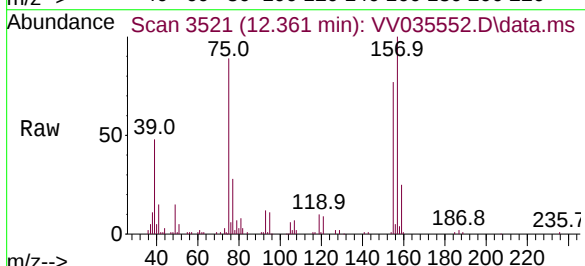
Tgt Ion: 75 Resp: 40434

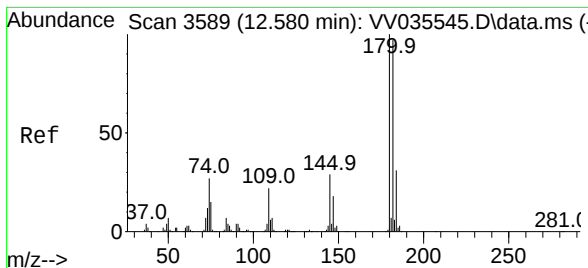
Ion Ratio Lower Upper

75 100

155 87.1 69.8 104.6

157 112.8 95.0 142.6





#69

1,3,5-Trichlorobenzene

Concen: 25.120 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

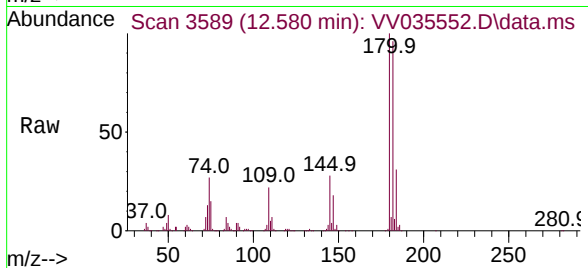
Lab File: VV035552.D

Acq: 07 May 2024 16:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 361667

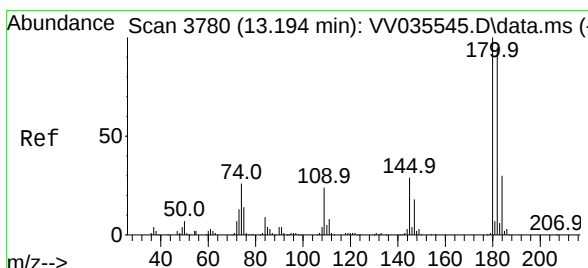
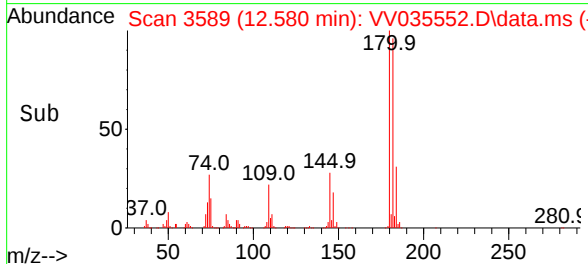
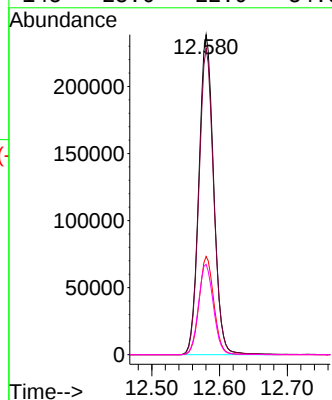
Ion Ratio Lower Upper

180 100

182 95.4 76.2 114.2

184 30.4 24.1 36.1

145 28.6 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 25.502 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

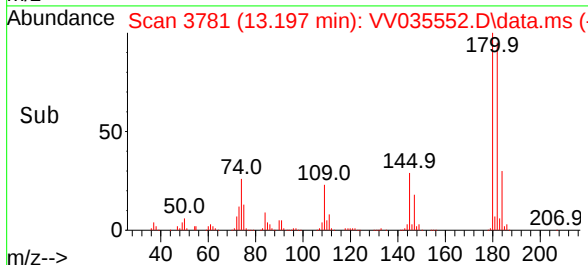
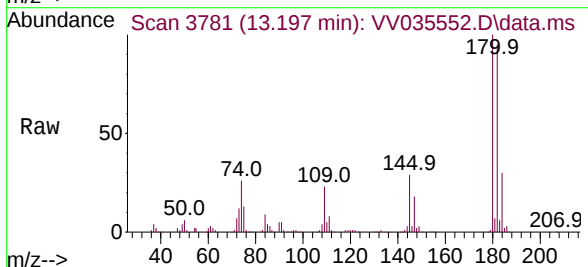
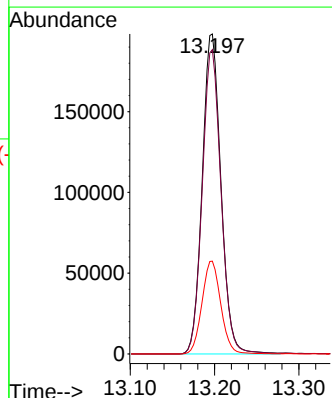
Tgt Ion:180 Resp: 306601

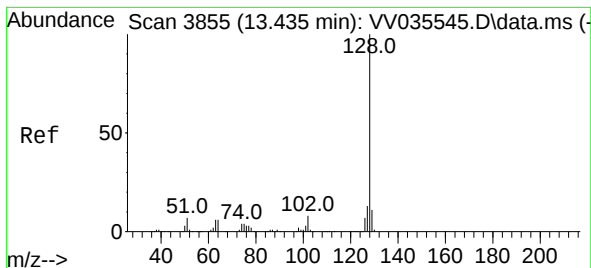
Ion Ratio Lower Upper

180 100

182 95.3 76.6 114.8

145 29.2 23.2 34.8





#71

Naphthalene

Concen: 26.483 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

Instrument :

MSVOA_V

ClientSampleId :

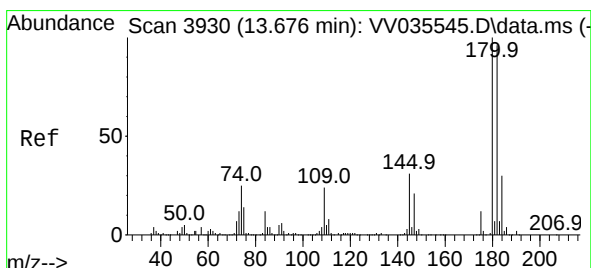
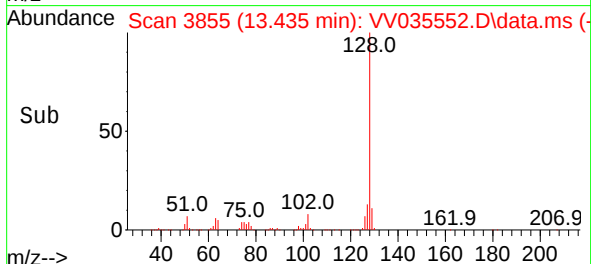
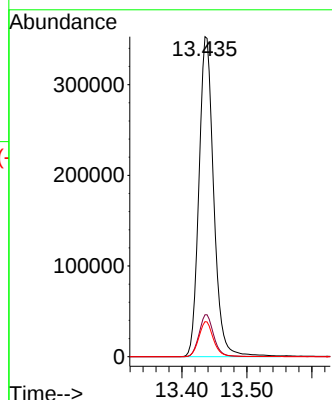
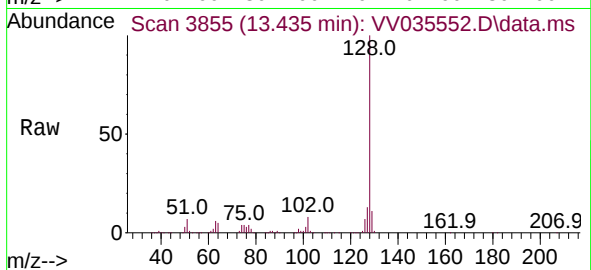
Tgt Ion:128 Resp: 558955

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 26.863 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035552.D

Acq: 07 May 2024 16:12

Tgt Ion:180 Resp: 290532

Ion Ratio Lower Upper

180 100

182 96.6 75.8 113.6

145 31.5 25.2 37.8

