

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050624\
 Data File : VV035532.D
 Acq On : 06 May 2024 13:11
 Operator : SY/MD
 Sample : VSTD02556
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 08 01:29:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 01:28:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	466616	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	482880	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	278501	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	146275	20.282	ug/L	0.00
7) Chloroethane-d5	1.529	69	121103	20.814	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	65583	20.540	ug/L	0.00
21) 2-Butanone-d5	3.838	46	76913	37.582	ug/L	0.00
24) Chloroform-d	4.243	84	303242	21.860	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	148685	21.681	ug/L	0.00
32) Benzene-d6	4.953	84	560526	21.206	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	175638	21.531	ug/L	0.00
41) Toluene-d8	7.239	98	512309	21.777	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	75074	21.519	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	63959	43.605	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	177085	22.529	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	202520	20.953	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.101	85	240173	25.317	ug/L	100
3) Chloromethane	1.211	50	222776	23.389	ug/L	100
5) Vinyl chloride	1.278	62	248041	25.207	ug/L	100
6) Bromomethane	1.484	94	149238	23.953	ug/L	100
8) Chloroethane	1.545	64	155527	25.640	ug/L	100
9) Trichlorofluoromethane	1.709	101	340891	26.541	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	219930	27.139	ug/L	100
12) 1,1-Dichloroethene	2.063	96	190511	26.027	ug/L	100
13) Acetone	2.156	43	134553	44.910	ug/L	99
14) Carbon disulfide	2.233	76	531847	22.940	ug/L	100
15) Methyl Acetate	2.384	43	89852	19.660	ug/L	# 87
16) Methylene chloride	2.442	84	236845	22.011	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	206896	25.461	ug/L	100
18) Methyl tert-butyl Ether	2.699	73	516947	26.373	ug/L	100
19) 1,1-Dichloroethane	3.105	63	403799	26.506	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	227847	25.865	ug/L	100
22) 2-Butanone	3.905	43	116944	42.020	ug/L	89
23) Bromochloromethane	4.143	128	111352	26.135	ug/L	100
25) Chloroform	4.268	83	421414	26.789	ug/L	100
27) 1,2-Dichloroethane	5.037	62	262044	26.751	ug/L	100
29) Cyclohexane	4.577	56	304041	26.330	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	361479	26.998	ug/L	100
31) Carbon tetrachloride	4.728	117	320763	27.305	ug/L	100
33) Benzene	5.002	78	859357	26.890	ug/L	100
34) Trichloroethene	5.828	95	240598	26.615	ug/L	100
35) Methylcyclohexane	6.047	83	366562	26.708	ug/L	100
37) 1,2-Dichloropropane	6.088	63	229714	27.550	ug/L	100
38) Bromodichloromethane	6.429	83	303003	26.825	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	348767	26.743	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	260320	52.924	ug/L	100
42) Toluene	7.310	91	934699	27.636	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	308270	27.021	ug/L	100

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

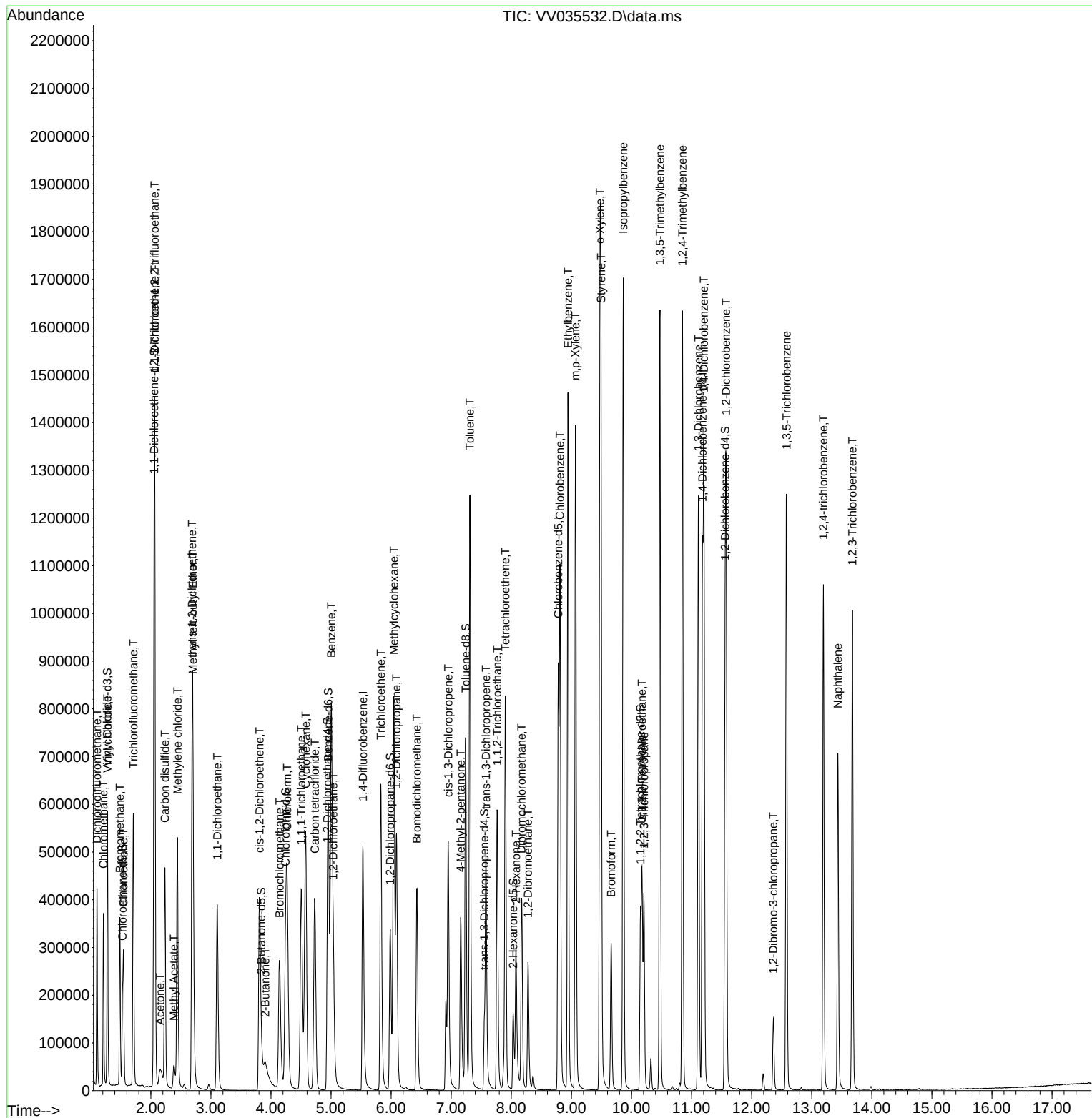
45) 1,1,2-Trichloroethane	7.764	97	189886	26.802	ug/L	100
46) Tetrachloroethene	7.902	164	194952	26.545	ug/L	100
48) 2-Hexanone	8.079	43	198235	53.963	ug/L	100
49) Dibromochloromethane	8.172	129	214314	26.809	ug/L	100
50) 1,2-Dibromoethane	8.278	107	185068	26.516	ug/L	100
51) Chlorobenzene	8.808	112	620090	26.423	ug/L	100
52) Ethylbenzene	8.944	91	1032507	27.650	ug/L	100
53) m,p-Xylene	9.069	106	399388	28.191	ug/L	100
54) o-Xylene	9.474	106	376306	28.025	ug/L	100
55) Styrene	9.493	104	682286	29.133	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	229124	26.550	ug/L	100
59) Bromoform	9.661	173	145408	26.567	ug/L	100
60) Isopropylbenzene	9.863	105	1055486	28.451	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	171390	26.262	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	855409	29.393	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	856992	28.656	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	521802	26.802	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	525358	26.066	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	483603	26.388	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	39112	25.841	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	401590	26.396	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	332001	26.134	ug/L	100
71) Naphthalene	13.435	128	566408	25.397	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	298220	26.094	ug/L	100

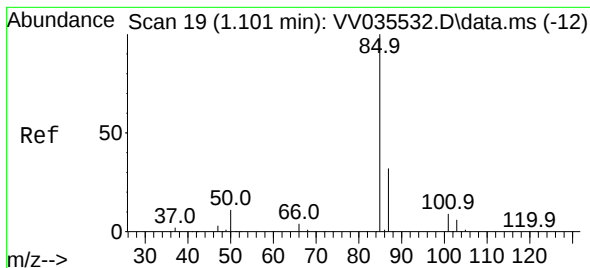
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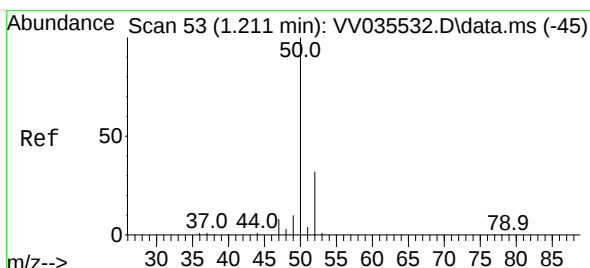
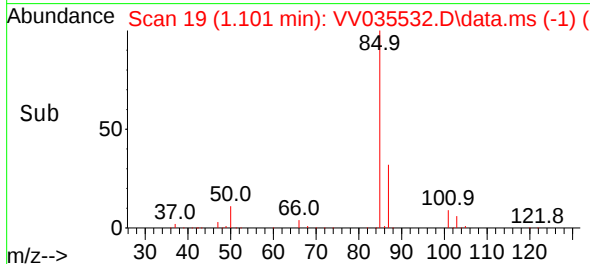
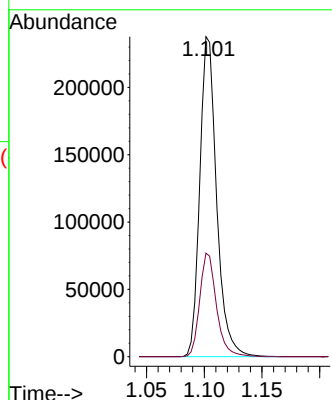
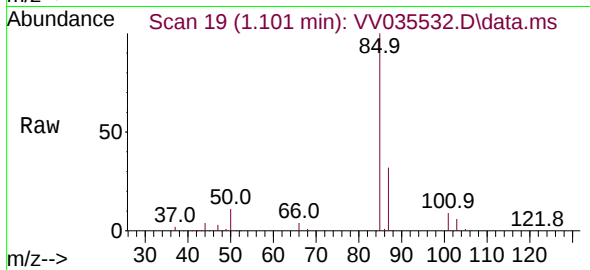




#2
 Dichlorodifluoromethane
 Concen: 25.317 ug/L
 RT: 1.101 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VV035532.D
 Acq: 06 May 2024 13:11

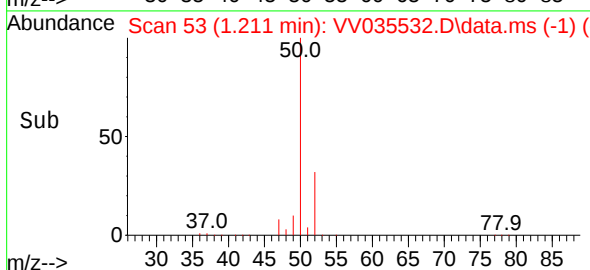
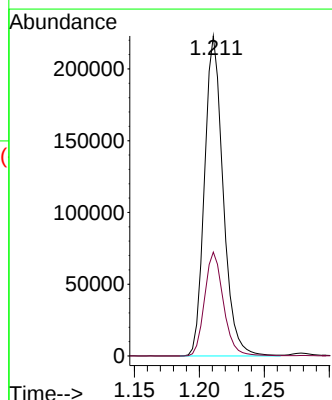
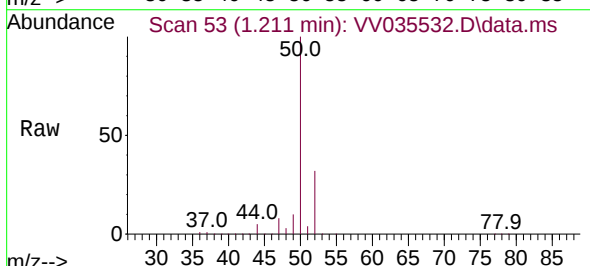
Instrument :
 MSVOA_V
 ClientSampleId :

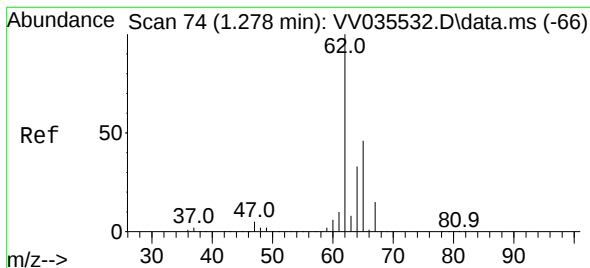
Tgt Ion: 85 Resp: 240173
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.6



#3
 Chloromethane
 Concen: 23.389 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV035532.D
 Acq: 06 May 2024 13:11

Tgt Ion: 50 Resp: 222776
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.7 42.1





#5

Vinyl chloride

Concen: 25.207 ug/L

RT: 1.278 min Scan# 74

Delta R.T. 0.000 min

Lab File: VV035532.D

Acq: 06 May 2024 13:11

Instrument :

MSVOA_V

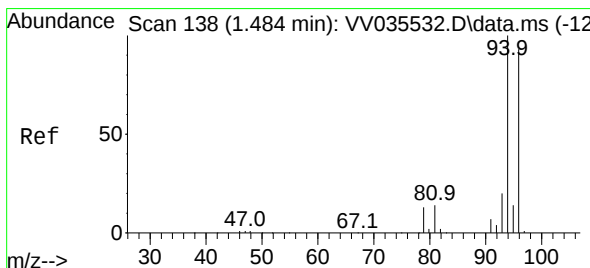
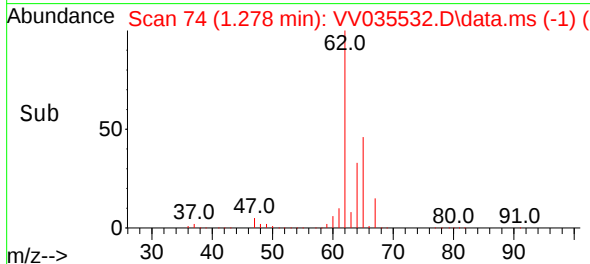
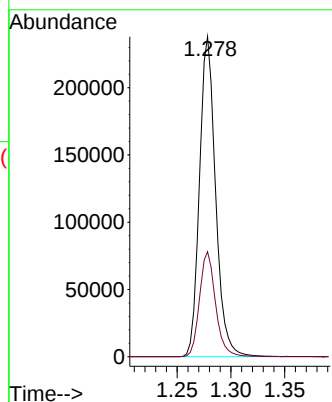
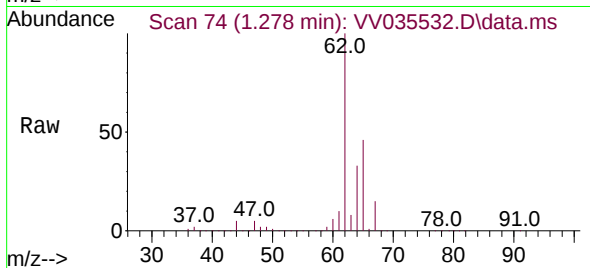
ClientSampleId :

Tgt Ion: 62 Resp: 248041

Ion Ratio Lower Upper

62 100

64 32.8 23.0 42.6



#6

Bromomethane

Concen: 23.953 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV035532.D

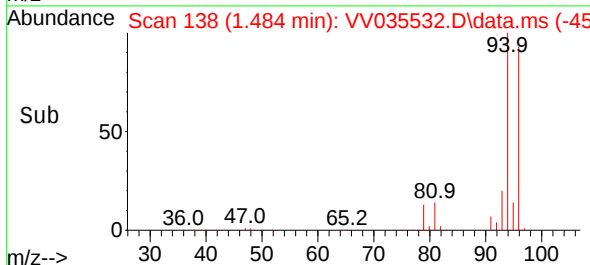
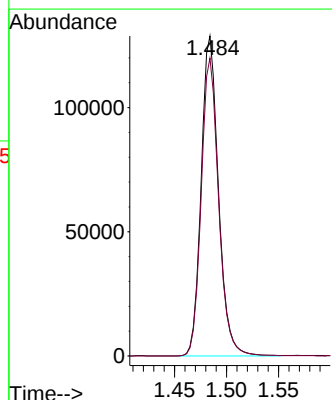
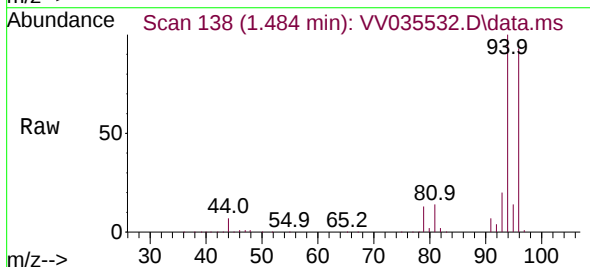
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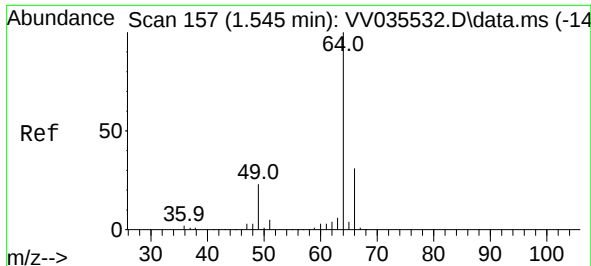
Tgt Ion: 94 Resp: 149238

Ion Ratio Lower Upper

94 100

96 93.1 65.2 121.0

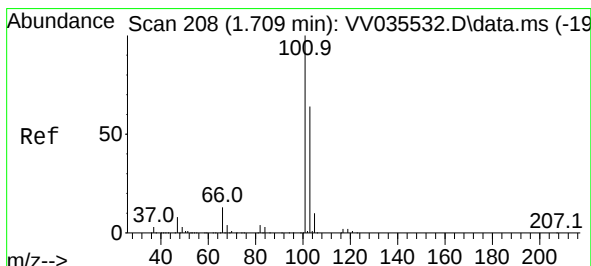
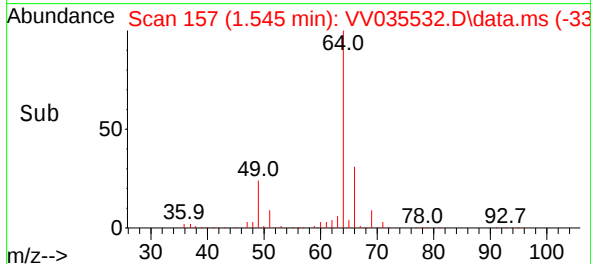
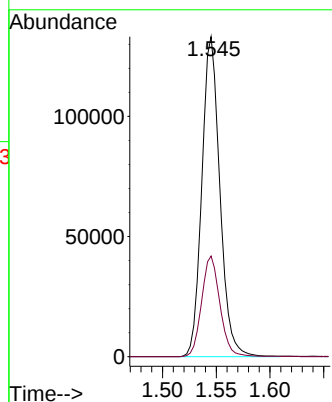
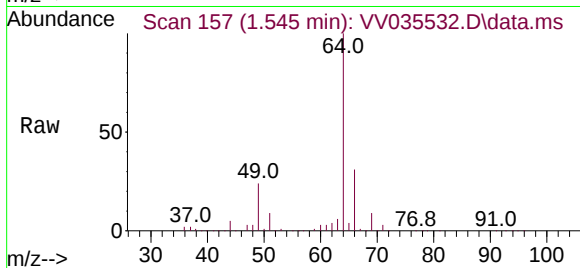




#8
Chloroethane
Concen: 25.640 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

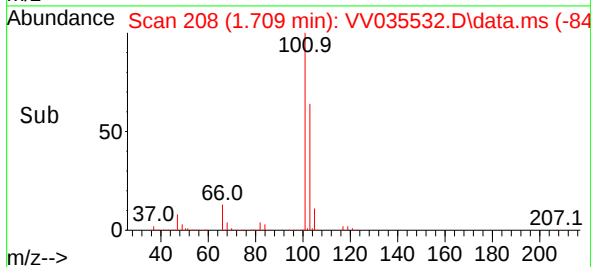
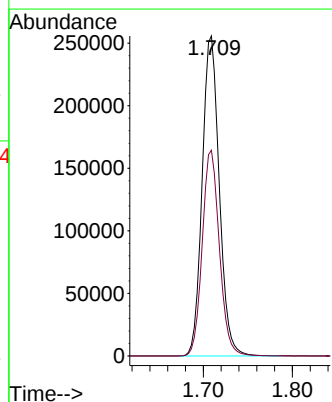
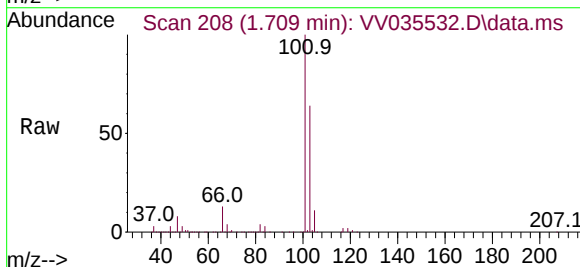
Instrument :
MSVOA_V
ClientSampleId :

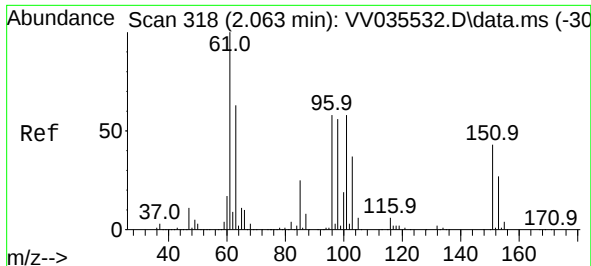
Tgt Ion: 64 Resp: 155527
Ion Ratio Lower Upper
64 100
66 31.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 26.541 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

Tgt Ion:101 Resp: 340891
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3





#10

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

Concen: 27.139 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV035532.D

Acq: 06 May 2024 13:11

Instrument :

MSVOA_V

ClientSampleId :

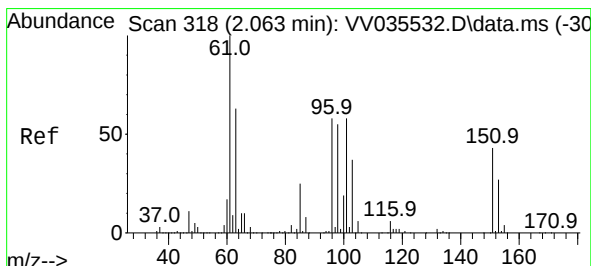
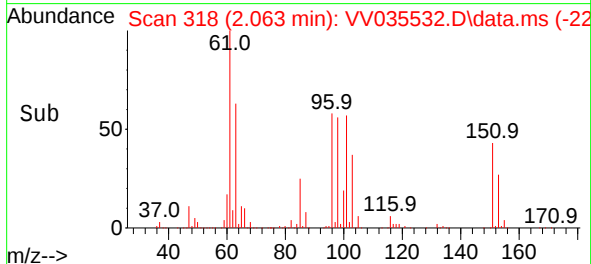
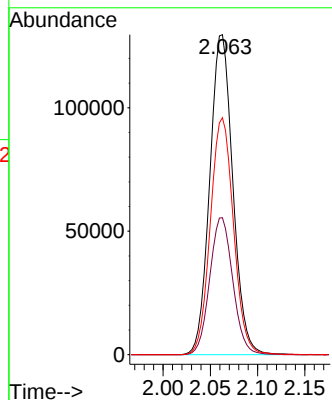
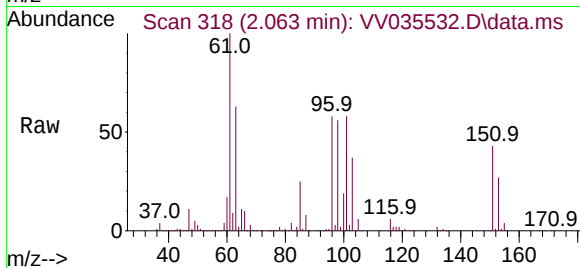
Tgt Ion:101 Resp: 219930

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.4

151 74.4 59.5 89.3



#12

1,1-Dichloroethene

Concen: 26.027 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV035532.D

Acq: 06 May 2024 13:11

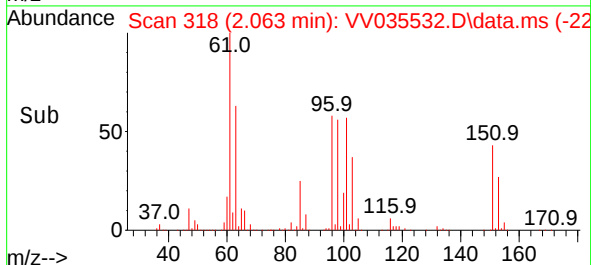
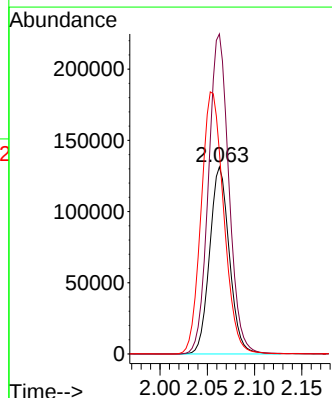
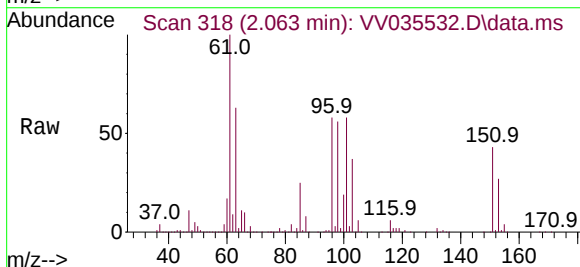
Tgt Ion: 96 Resp: 190511

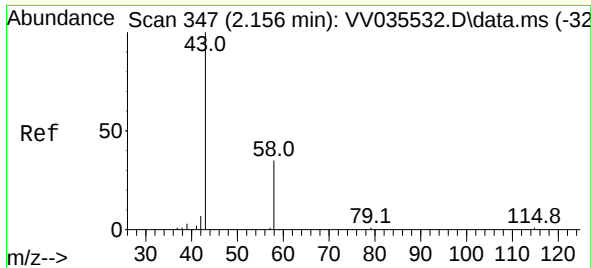
Ion Ratio Lower Upper

96 100

61 171.1 119.8 222.4

63 108.0 75.6 140.4





#13

Acetone

Concen: 44.910 ug/L

RT: 2.156 min Scan# 347

Delta R.T. 0.000 min

Lab File: VV035532.D

Acq: 06 May 2024 13:11

Instrument :

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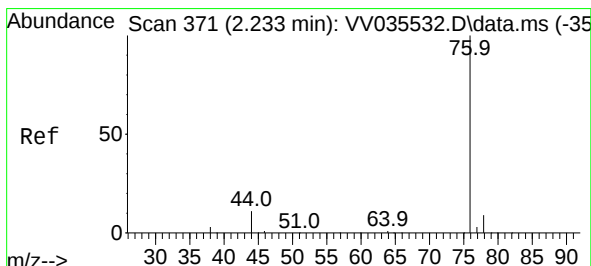
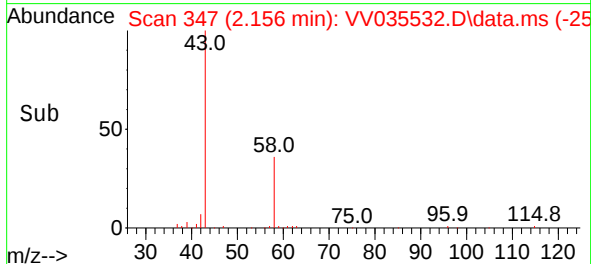
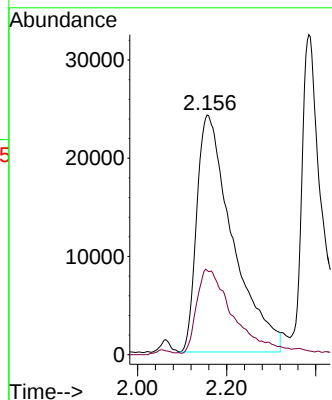
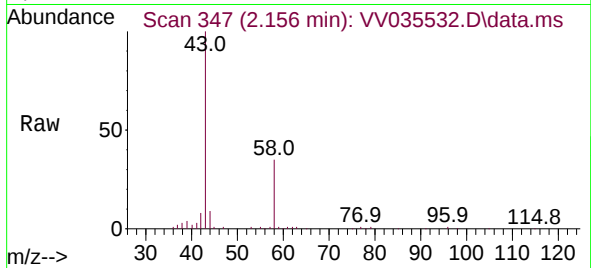
ClientSampleId :

Tgt Ion: 43 Resp: 134553

Ion Ratio Lower Upper

43 100

58 11.9 0.0 22.8



#14

Carbon disulfide

Concen: 22.940 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV035532.D

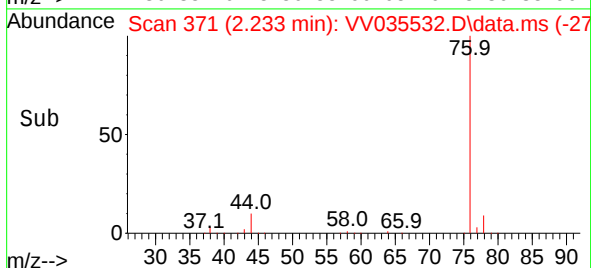
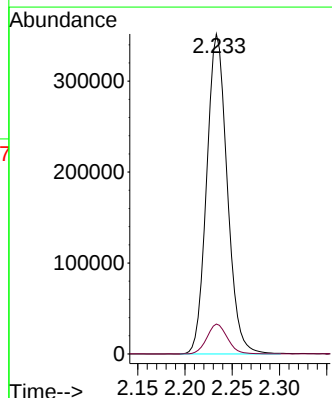
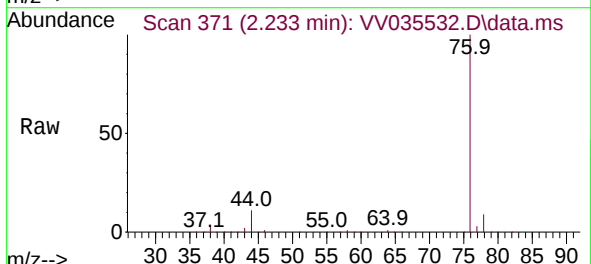
Acq: 06 May 2024 13:11

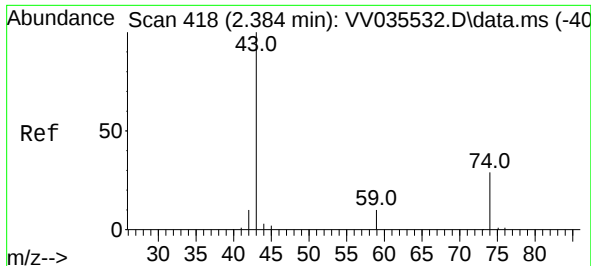
Tgt Ion: 76 Resp: 531847

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

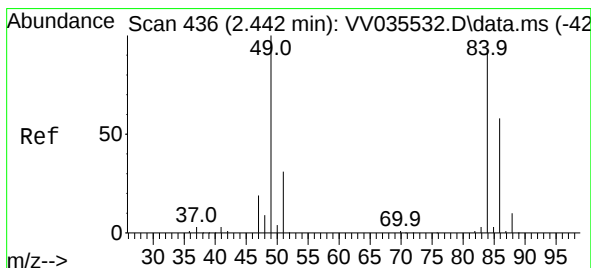
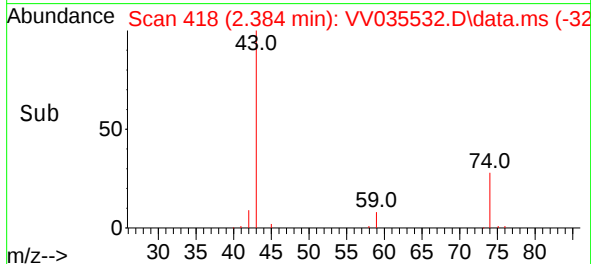
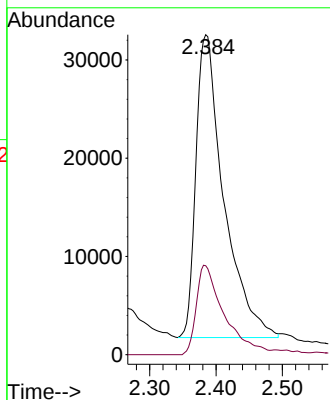
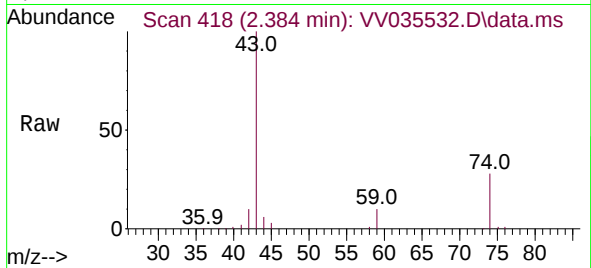




#15
Methyl Acetate
Concen: 19.660 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

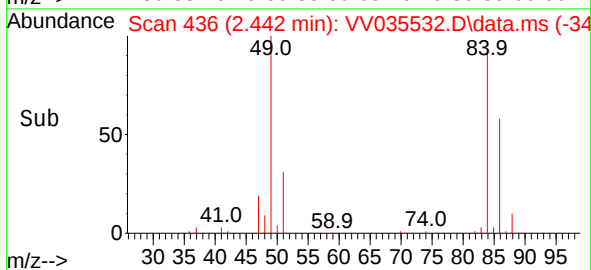
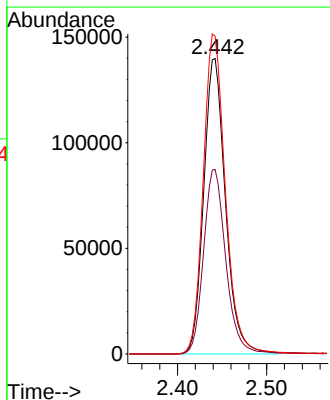
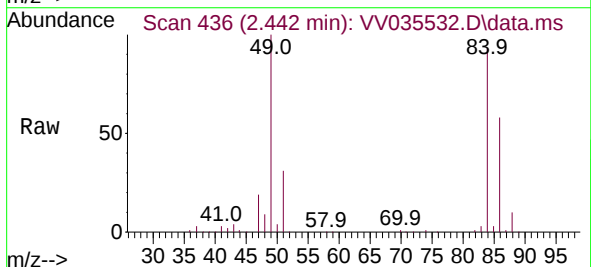
Instrument :
MSVOA_V
ClientSampleId :

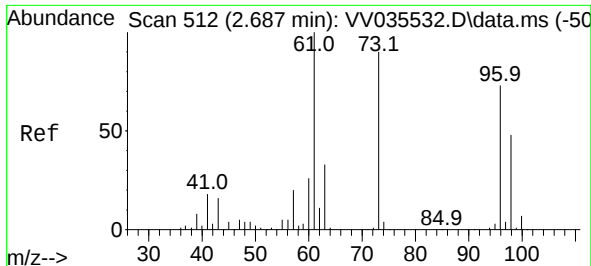
Tgt Ion: 43 Resp: 89852
Ion Ratio Lower Upper
43 100
74 29.5 18.6 27.8#



#16
Methylene chloride
Concen: 22.011 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

Tgt Ion: 84 Resp: 236845
Ion Ratio Lower Upper
84 100
86 62.5 43.8 81.3
49 107.6 75.3 139.9





#17

trans-1,2-Dichloroethene

Concen: 25.461 ug/L

RT: 2.687 min Scan# 512

Delta R.T. 0.000 min

Lab File: VV035532.D

Acq: 06 May 2024 13:11

Instrument :

MSVOA_V

ClientSampleId :

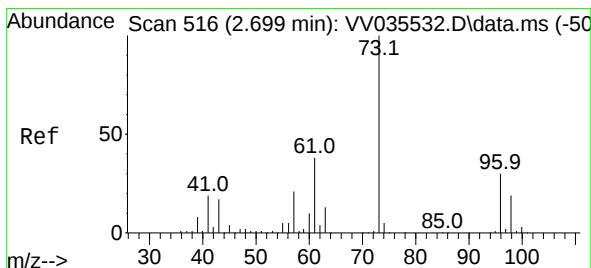
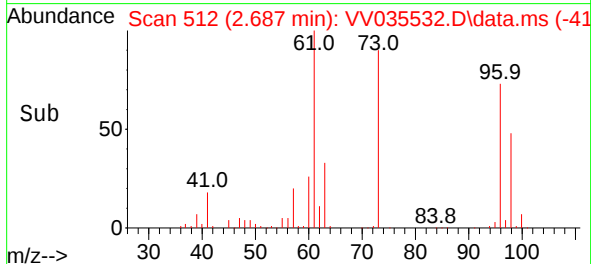
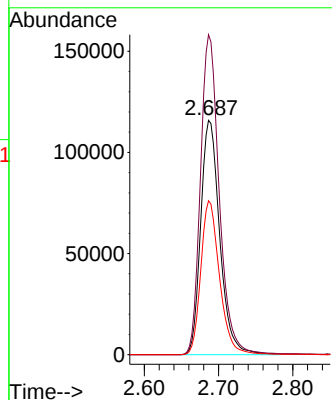
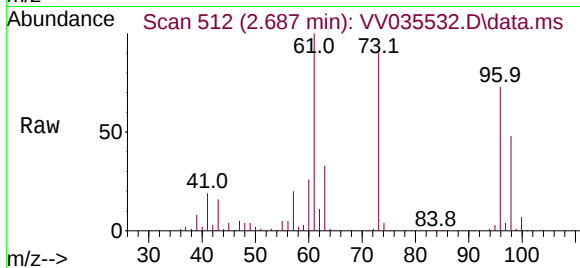
Tgt Ion: 96 Resp: 206896

Ion Ratio Lower Upper

96 100

61 136.5 95.5 177.4

98 65.7 46.0 85.4



#18

Methyl tert-butyl Ether

Concen: 26.373 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV035532.D

Acq: 06 May 2024 13:11

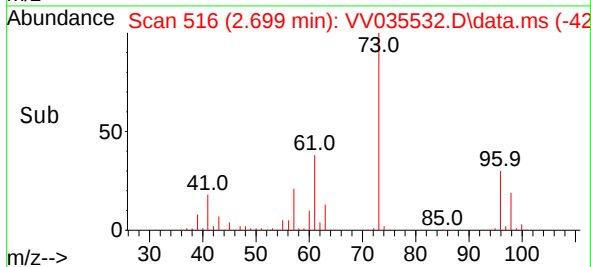
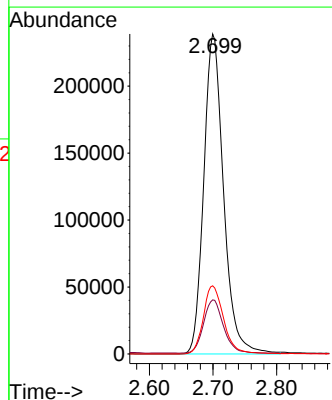
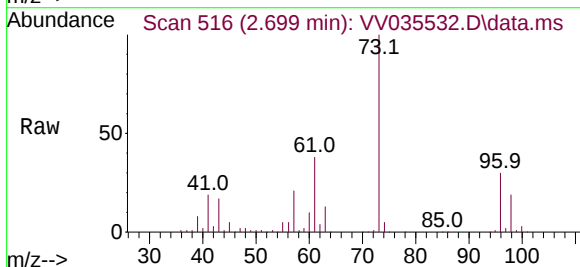
Tgt Ion: 73 Resp: 516947

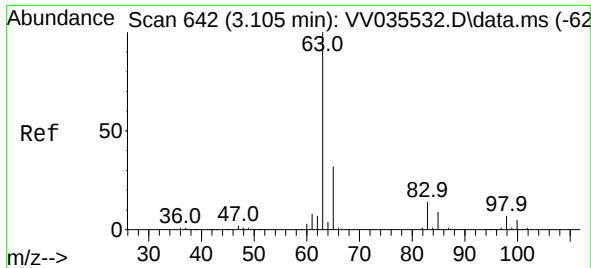
Ion Ratio Lower Upper

73 100

43 16.6 13.3 19.9

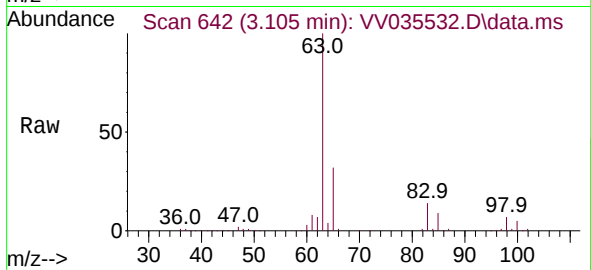
57 21.8 17.4 26.2



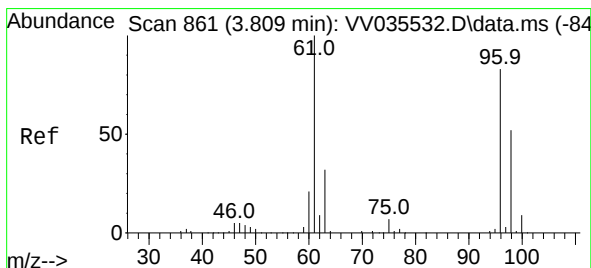
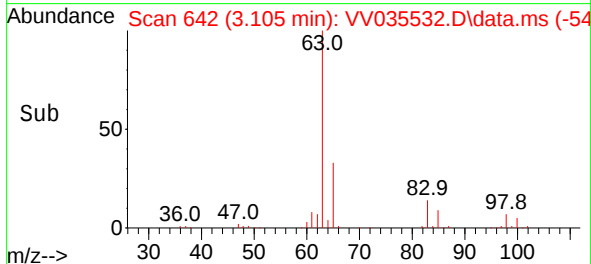
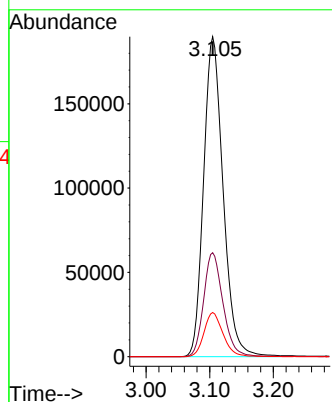


#19
1,1-Dichloroethane
Concen: 26.506 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

Instrument :
MSVOA_V
ClientSampleId :

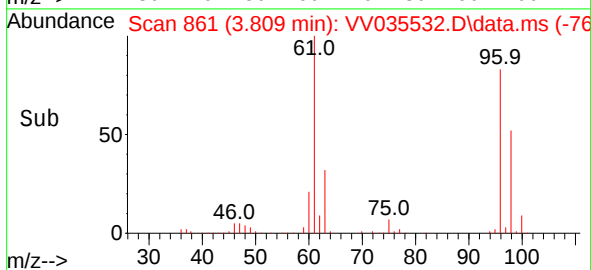
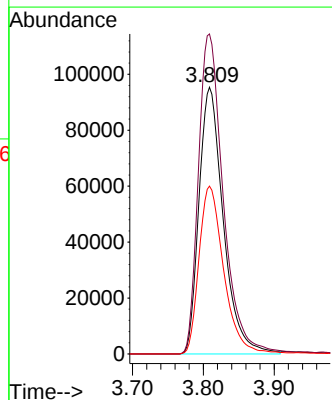
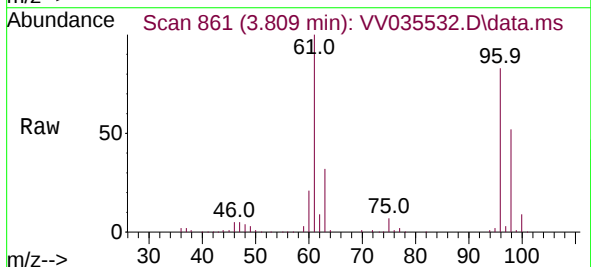


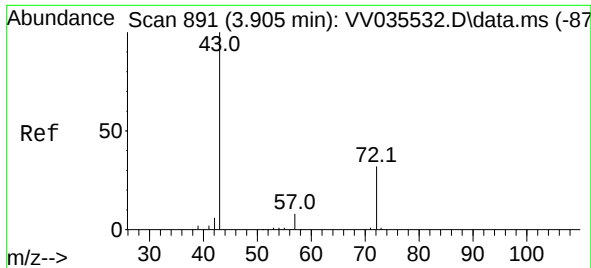
Tgt Ion: 63 Resp: 403799
Ion Ratio Lower Upper
63 100
65 32.5 22.7 42.3
83 13.8 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 25.865 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

Tgt Ion: 96 Resp: 227847
Ion Ratio Lower Upper
96 100
61 119.9 83.9 155.9
98 62.9 44.0 81.8

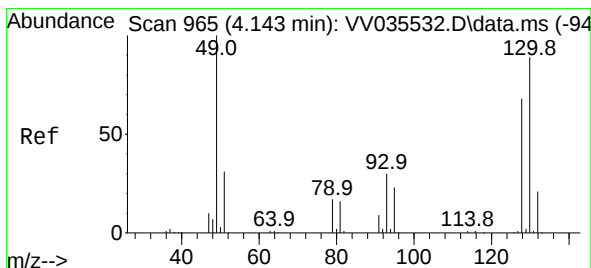
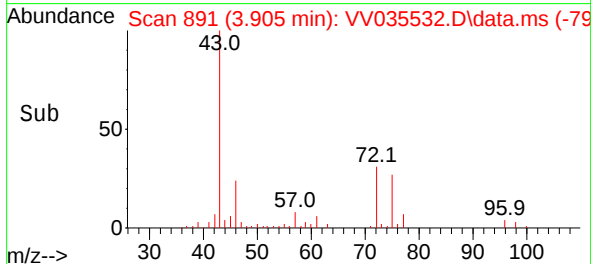
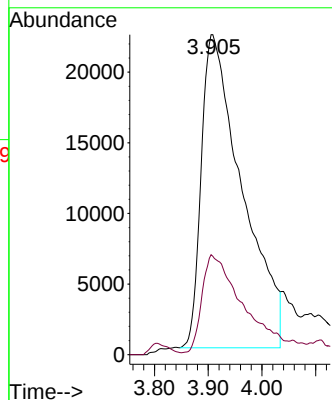
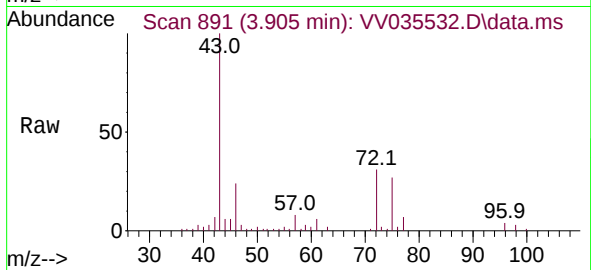




#22
2-Butanone
Concen: 42.020 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

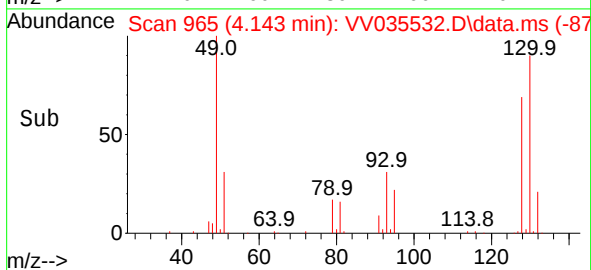
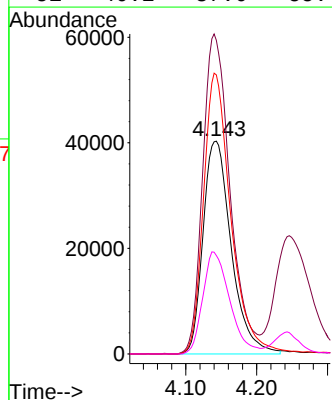
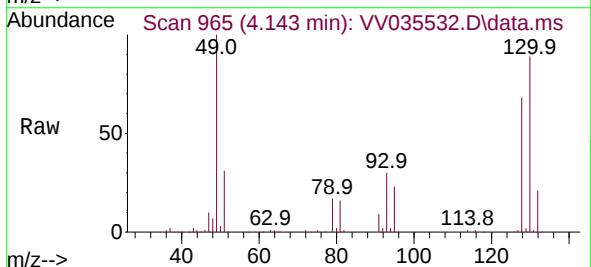
Instrument :
MSVOA_V
ClientSampleId :

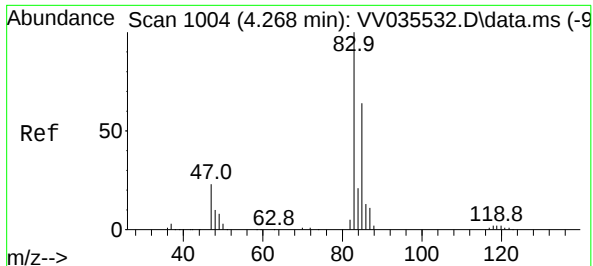
Tgt Ion: 43 Resp: 116944
Ion Ratio Lower Upper
43 100
72 30.0 12.3 36.9



#23
Bromochloromethane
Concen: 26.135 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

Tgt Ion:128 Resp: 111352
Ion Ratio Lower Upper
128 100
49 147.3 103.1 191.5
130 131.1 91.8 170.4
51 46.2 37.0 55.4





#25

Chloroform

Concen: 26.789 ug/L

RT: 4.268 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VV035532.D

Acq: 06 May 2024 13:11

Instrument :

MSVOA_V

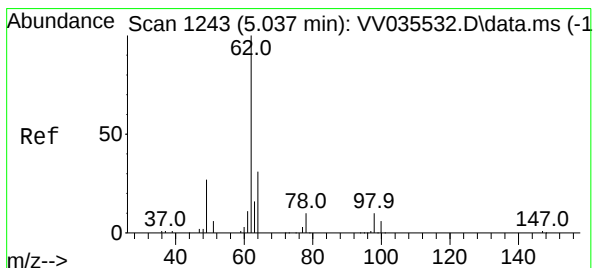
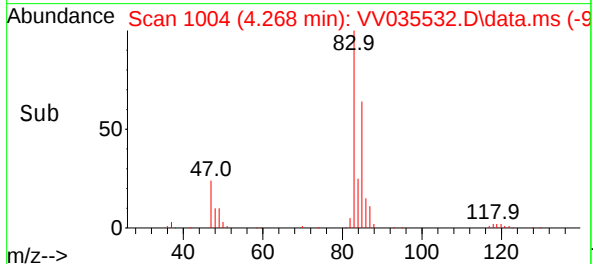
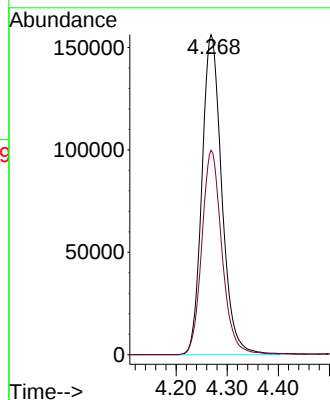
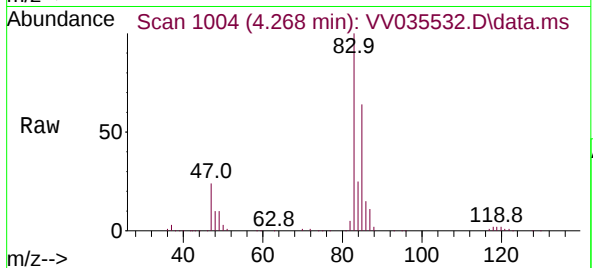
ClientSampleId :

Tgt Ion: 83 Resp: 421414

Ion Ratio Lower Upper

83 100

85 63.8 44.7 82.9



#27

1,2-Dichloroethane

Concen: 26.751 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV035532.D

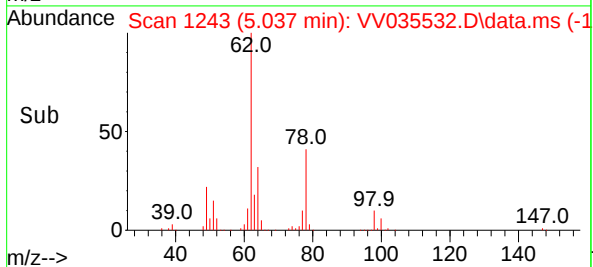
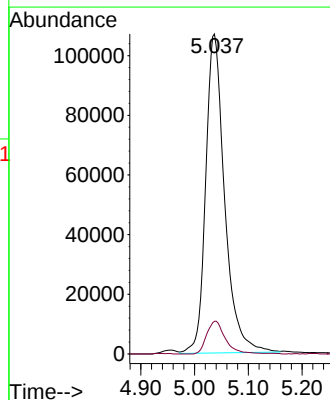
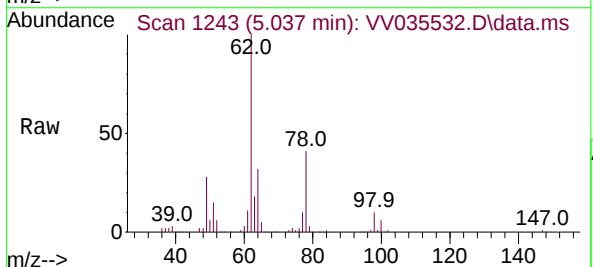
Acq: 06 May 2024 13:11

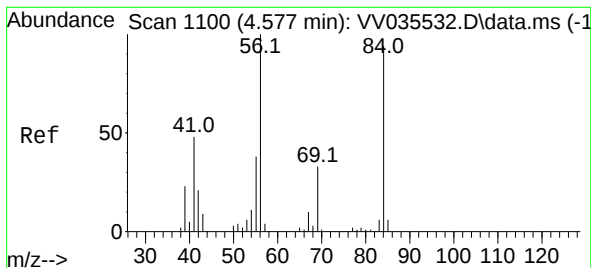
Tgt Ion: 62 Resp: 262044

Ion Ratio Lower Upper

62 100

98 10.2 8.2 12.2





#29

Cyclohexane

Concen: 26.330 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

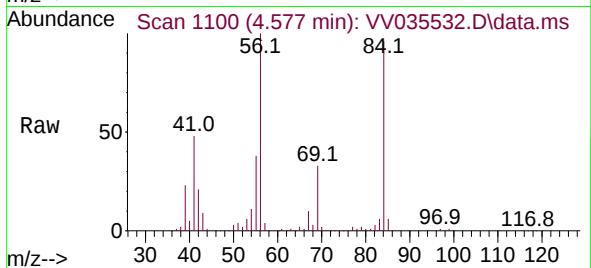
Lab File: VV035532.D

Acq: 06 May 2024 13:11

Instrument :

MSVOA_V

ClientSampleId :



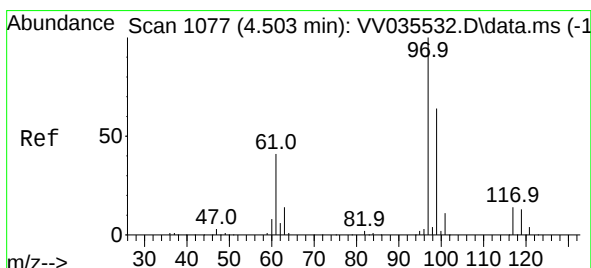
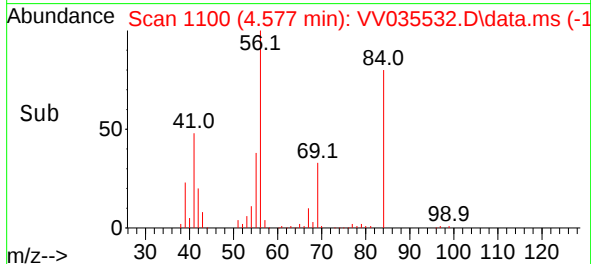
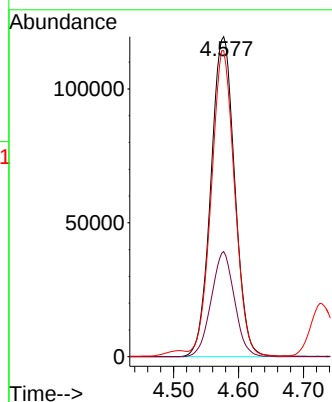
Tgt Ion: 56 Resp: 304041

Ion Ratio Lower Upper

56 100

69 32.0 25.6 38.4

84 93.5 74.8 112.2



#30

1,1,1-Trichloroethane

Concen: 26.998 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV035532.D

Acq: 06 May 2024 13:11

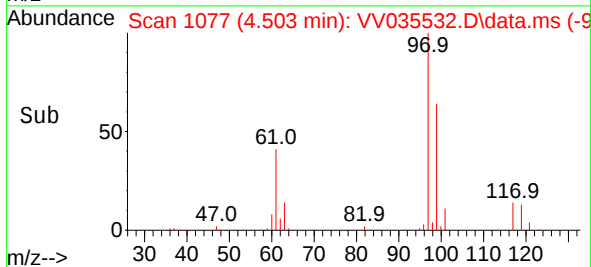
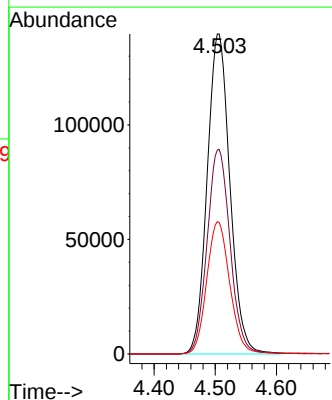
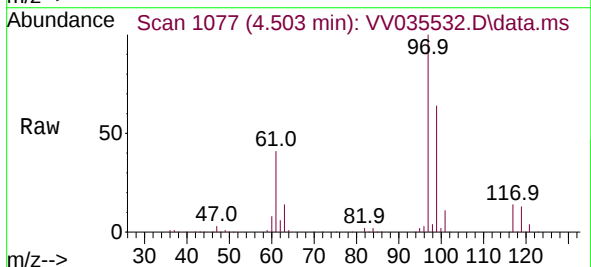
Tgt Ion: 97 Resp: 361479

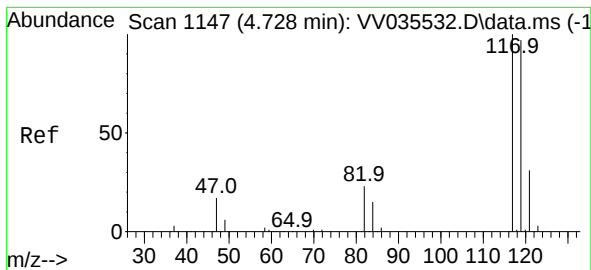
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 41.9 33.5 50.3

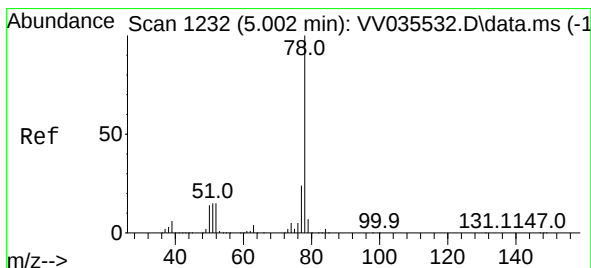
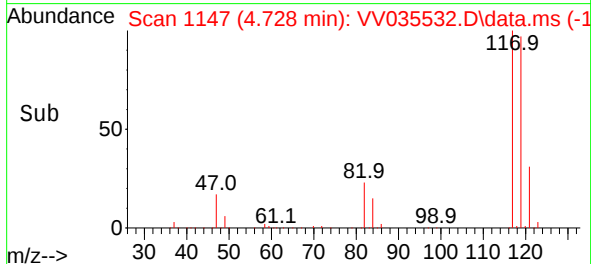
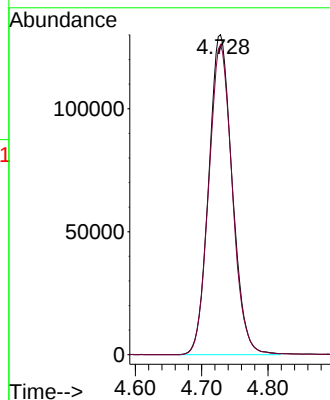
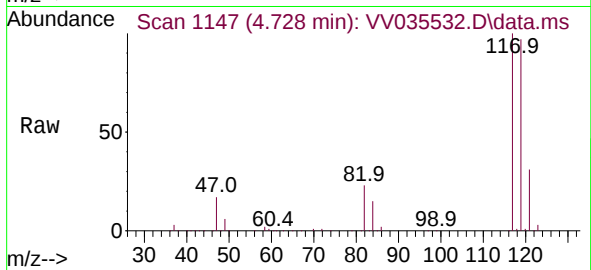




#31
Carbon tetrachloride
Concen: 27.305 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

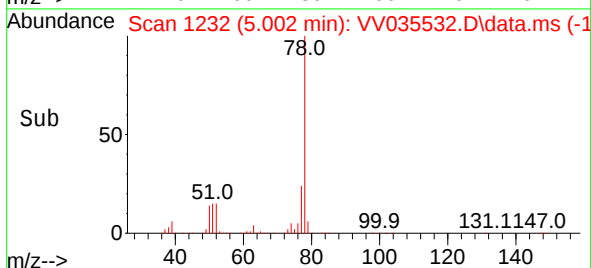
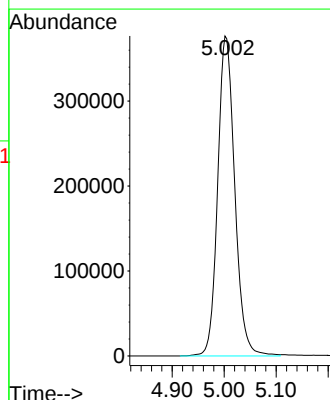
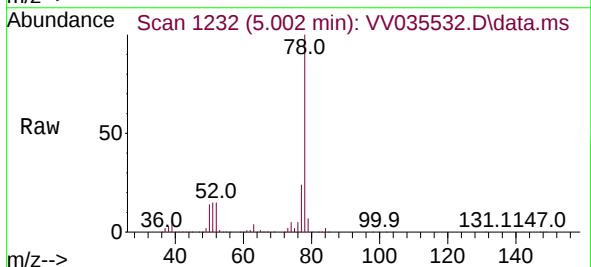
Instrument :
MSVOA_V
ClientSampleId :

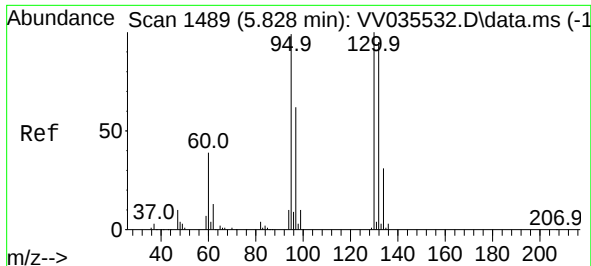
Tgt Ion:117 Resp: 320763
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9



#33
Benzene
Concen: 26.890 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

Tgt Ion: 78 Resp: 859357





#34

Trichloroethene

Concen: 26.615 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

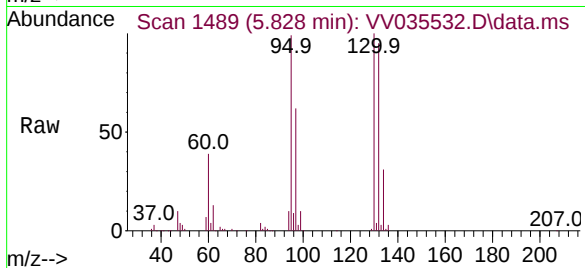
Lab File: VV035532.D

Acq: 06 May 2024 13:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 240598

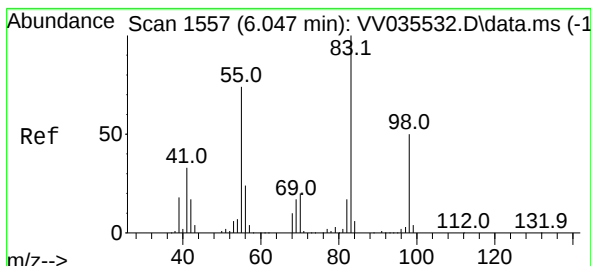
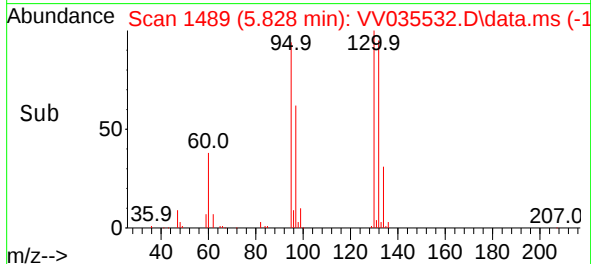
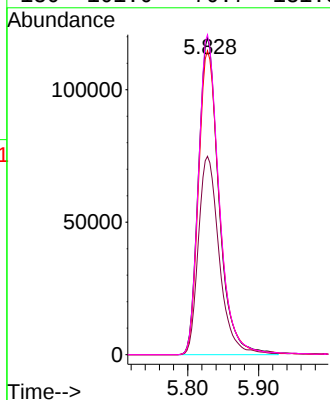
Ion Ratio Lower Upper

95 100

97 62.6 43.8 81.4

132 95.9 67.1 124.7

130 101.0 70.7 131.3



#35

Methylcyclohexane

Concen: 26.708 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035532.D

Acq: 06 May 2024 13:11

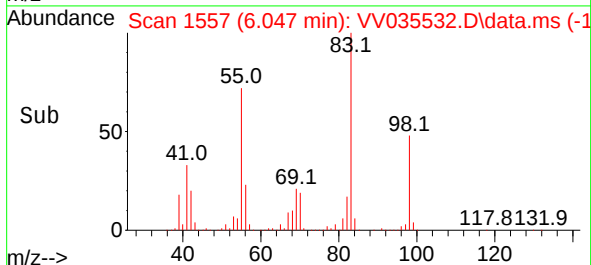
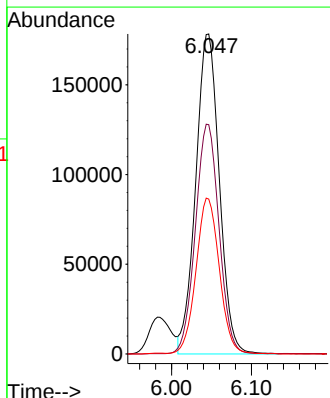
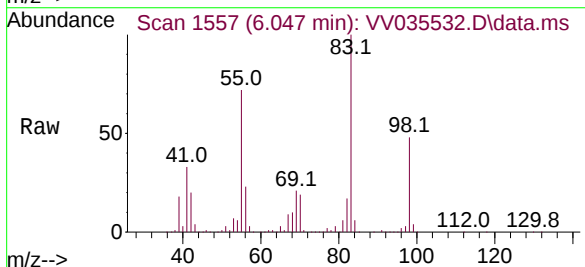
Tgt Ion: 83 Resp: 366562

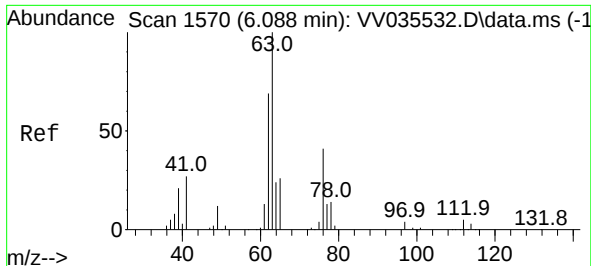
Ion Ratio Lower Upper

83 100

55 71.9 57.5 86.3

98 48.3 38.6 58.0

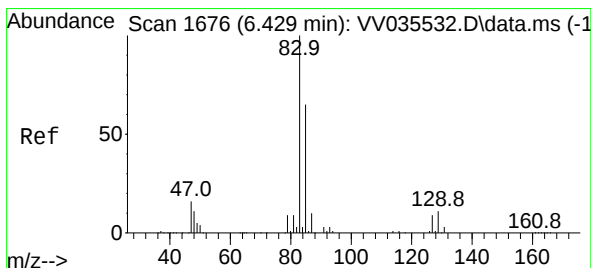
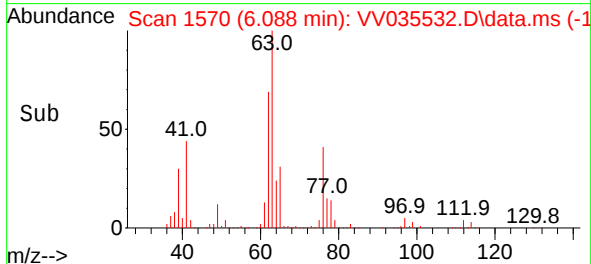
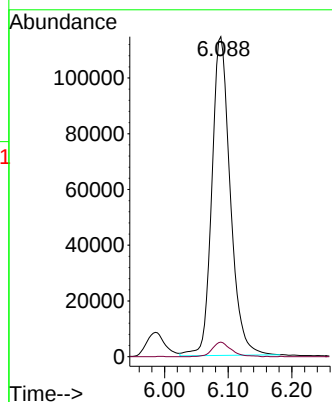
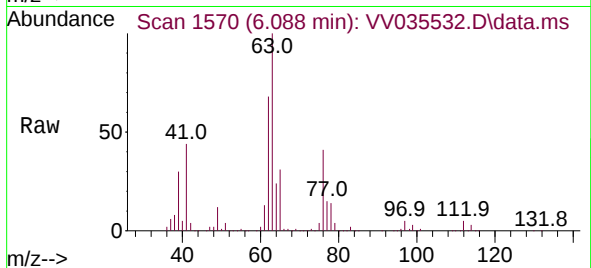




#37
1,2-Dichloropropane
Concen: 27.550 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

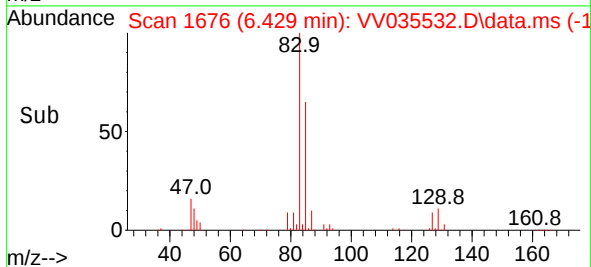
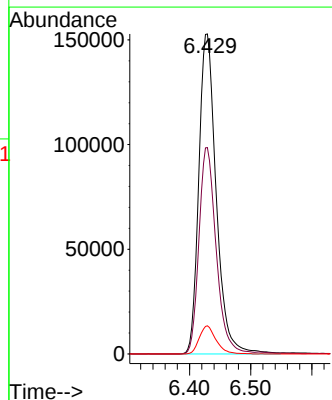
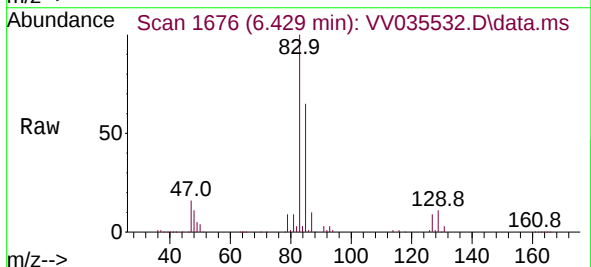
Instrument :
MSVOA_V
ClientSampleId :

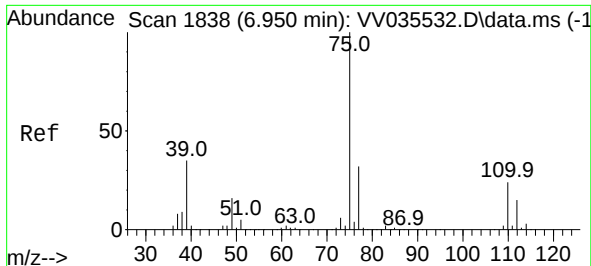
Tgt Ion: 63 Resp: 229714
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 26.825 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

Tgt Ion: 83 Resp: 303003
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9
127 8.8 7.0 10.6

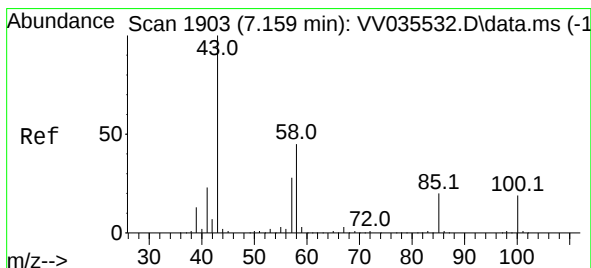
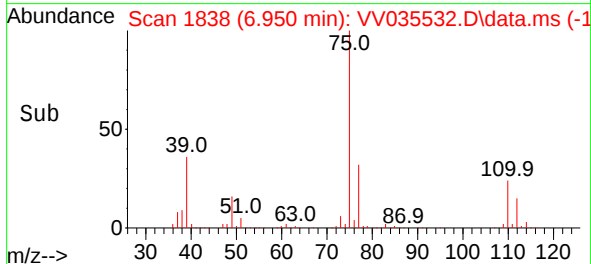
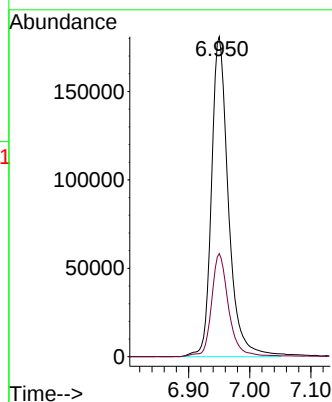
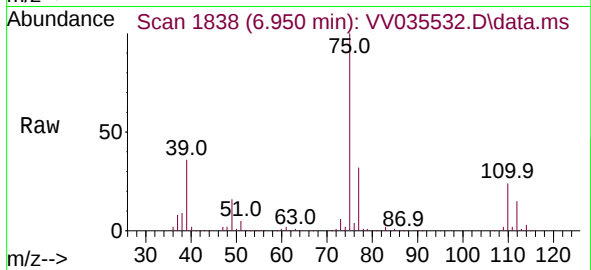




#39
 cis-1,3-Dichloropropene
 Concen: 26.743 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV035532.D
 Acq: 06 May 2024 13:11

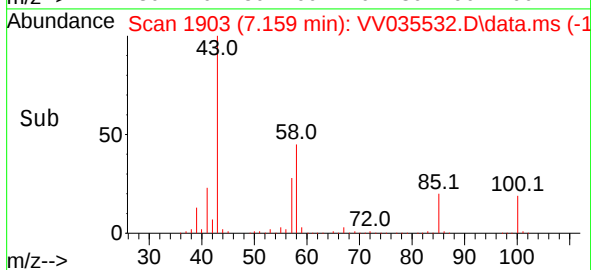
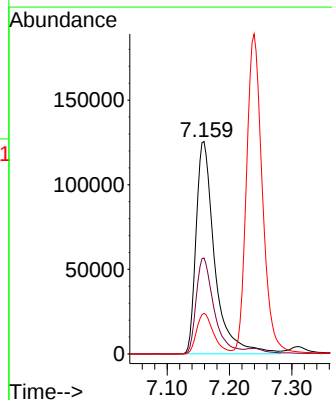
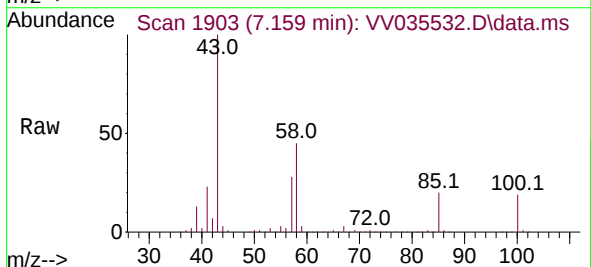
Instrument :
 MSVOA_V
 ClientSampleId :

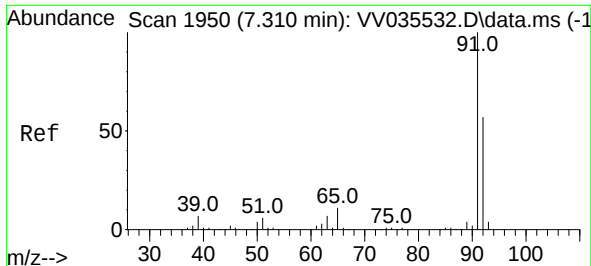
Tgt Ion: 75 Resp: 348767
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 52.924 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VV035532.D
 Acq: 06 May 2024 13:11

Tgt Ion: 43 Resp: 260320
 Ion Ratio Lower Upper
 43 100
 58 43.5 34.8 52.2
 100 17.4 13.9 20.9





#42

Toluene

Concen: 27.636 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV035532.D

Acq: 06 May 2024 13:11

Instrument :

MSVOA_V

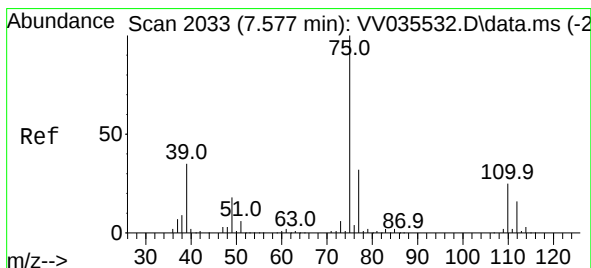
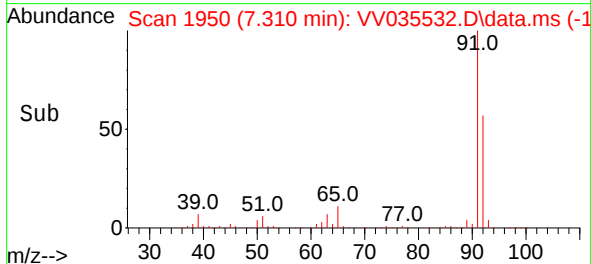
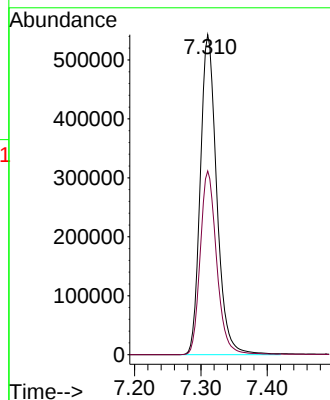
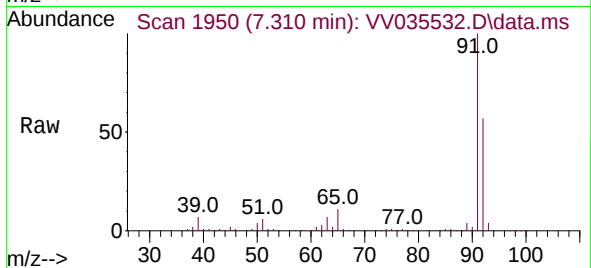
ClientSampleId :

Tgt Ion: 91 Resp: 934699

Ion Ratio Lower Upper

91 100

92 57.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 27.021 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035532.D

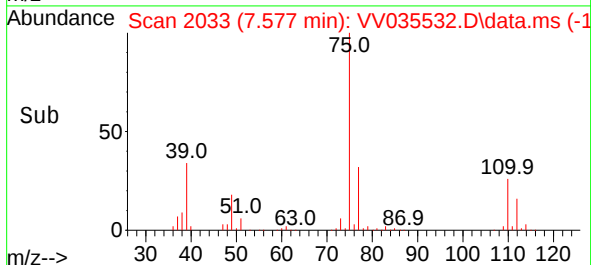
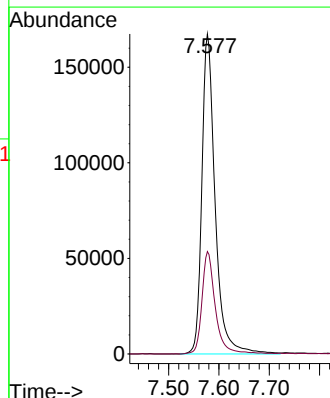
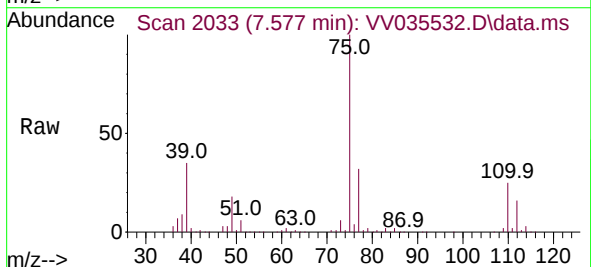
Acq: 06 May 2024 13:11

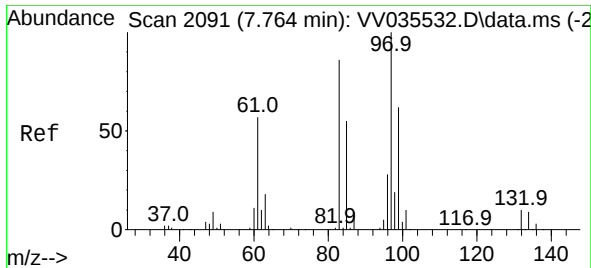
Tgt Ion: 75 Resp: 308270

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6

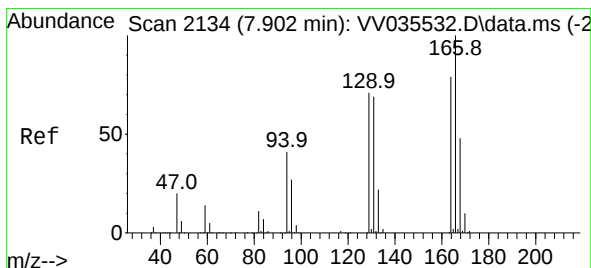
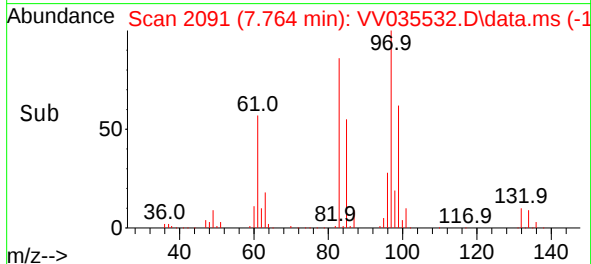
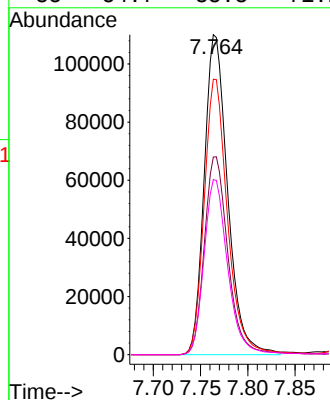
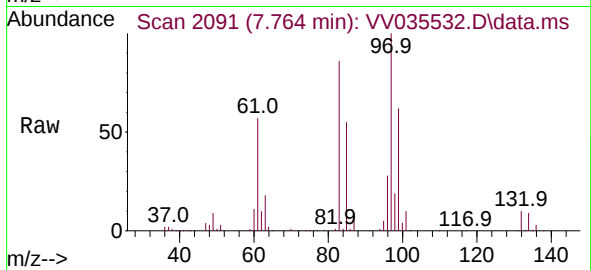




#45
1,1,2-Trichloroethane
Concen: 26.802 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

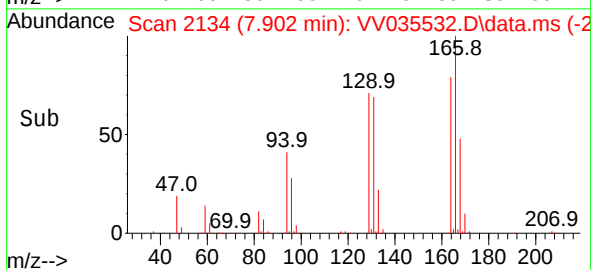
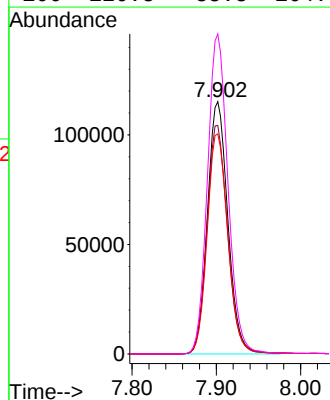
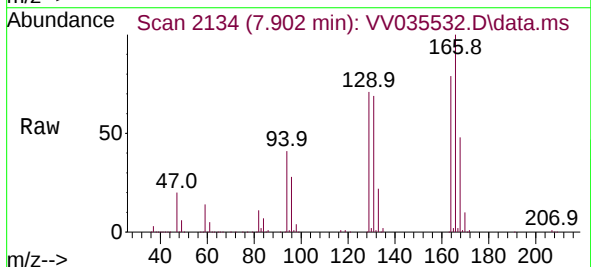
Instrument :
MSVOA_V
ClientSampleId :

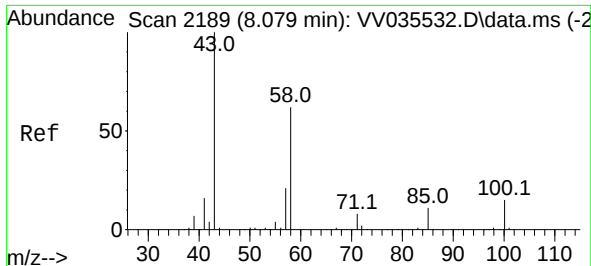
Tgt Ion:	97	Resp:	189886
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.3	80.3
83	86.1	60.3	111.9
85	54.7	38.3	71.1



#46
Tetrachloroethene
Concen: 26.545 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

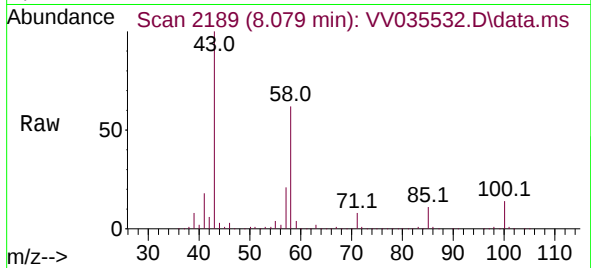
Tgt Ion:	164	Resp:	194952
Ion	Ratio	Lower	Upper
164	100		
129	90.6	63.4	117.8
131	87.2	61.0	113.4
166	126.8	88.8	164.8



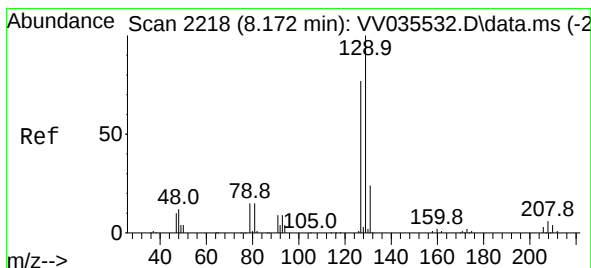
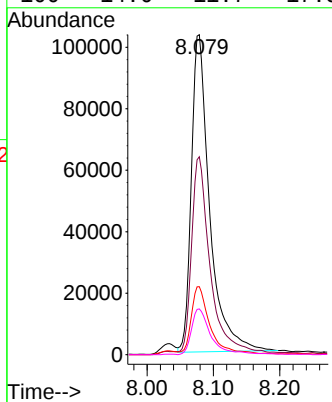
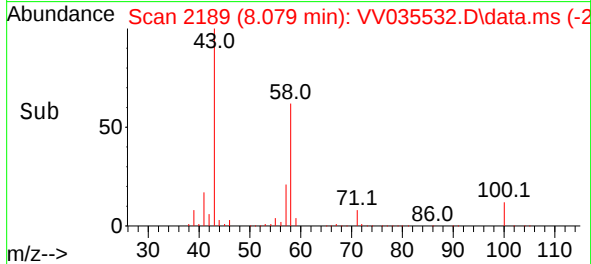


#48
2-Hexanone
Concen: 53.963 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

Instrument :
MSVOA_V
ClientSampleId :

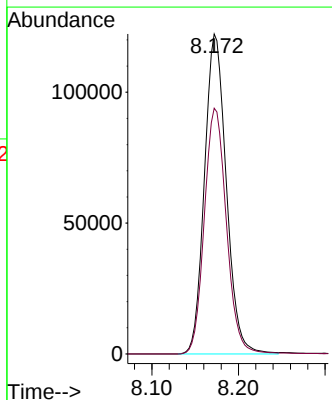
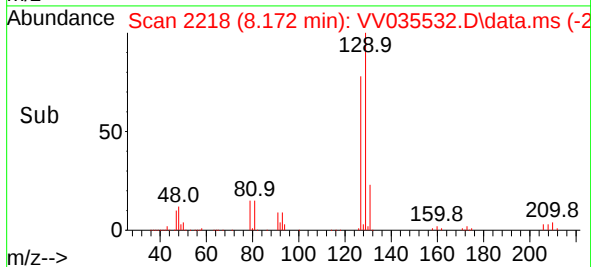
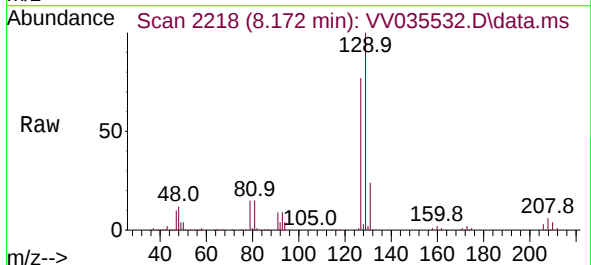


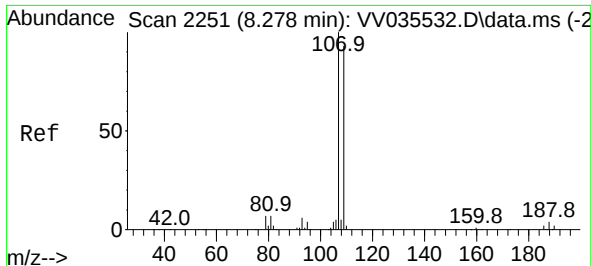
Tgt Ion: 43 Resp: 198235
Ion Ratio Lower Upper
43 100
58 61.0 48.8 73.2
57 21.1 16.9 25.3
100 14.6 11.7 17.5



#49
Dibromochloromethane
Concen: 26.809 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

Tgt Ion: 129 Resp: 214314
Ion Ratio Lower Upper
129 100
127 76.8 53.8 99.8





#50

1,2-Dibromoethane

Concen: 26.516 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV035532.D

Acq: 06 May 2024 13:11

Instrument :

MSVOA_V

ClientSampleId :

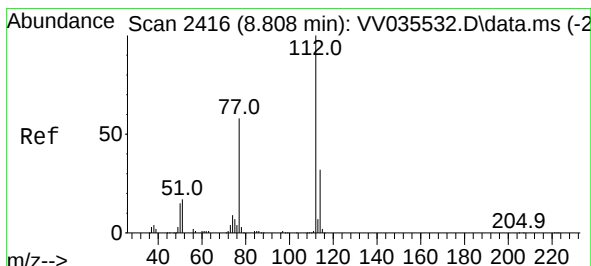
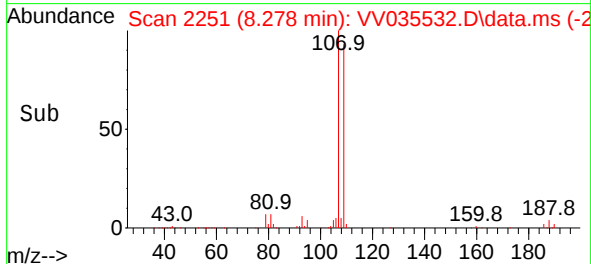
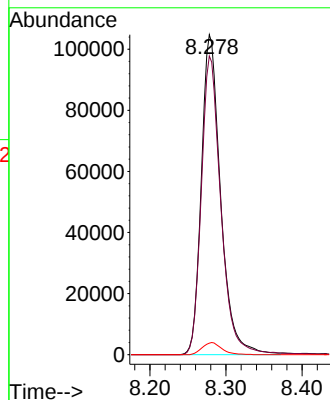
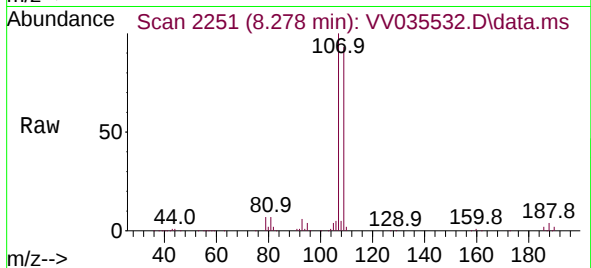
Tgt Ion:107 Resp: 185068

Ion Ratio Lower Upper

107 100

109 93.4 65.4 121.4

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 26.423 ug/L

RT: 8.808 min Scan# 2416

Delta R.T. 0.000 min

Lab File: VV035532.D

Acq: 06 May 2024 13:11

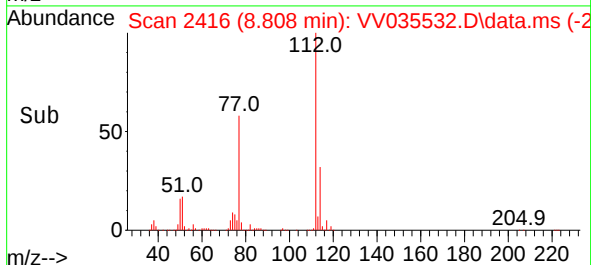
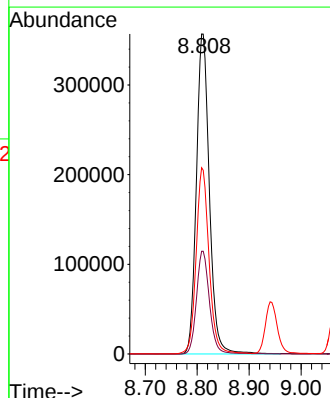
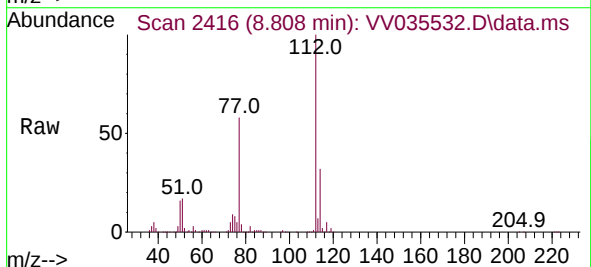
Tgt Ion:112 Resp: 620090

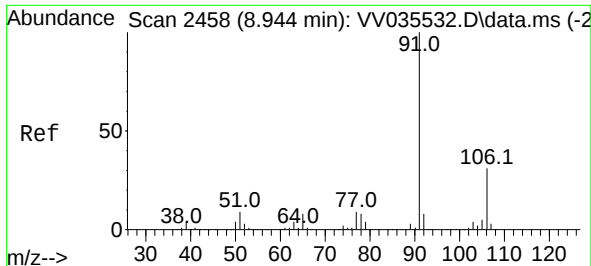
Ion Ratio Lower Upper

112 100

114 32.1 22.5 41.7

77 58.2 46.6 69.8

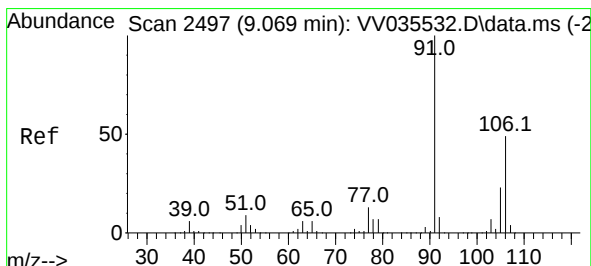
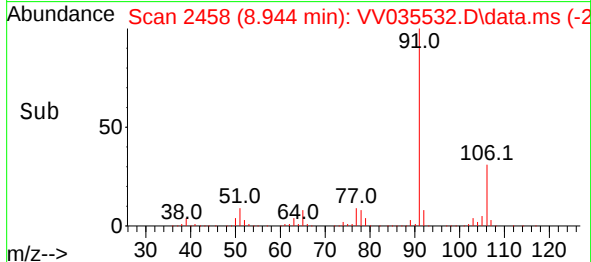
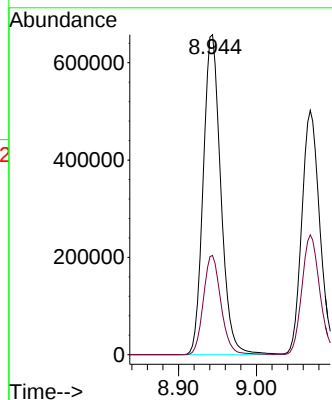
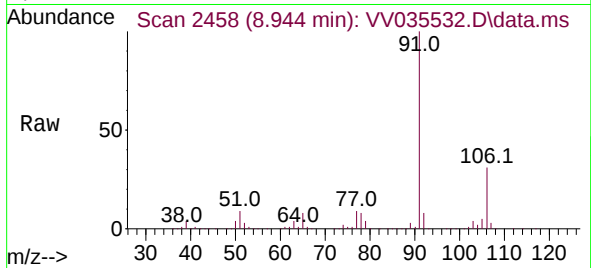




#52
Ethylbenzene
Concen: 27.650 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

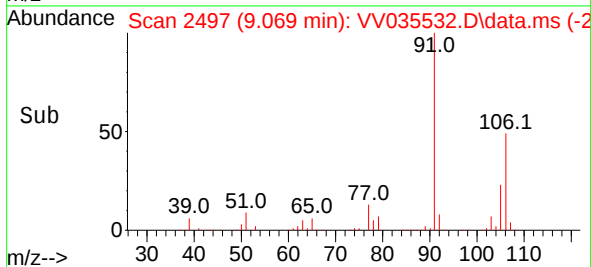
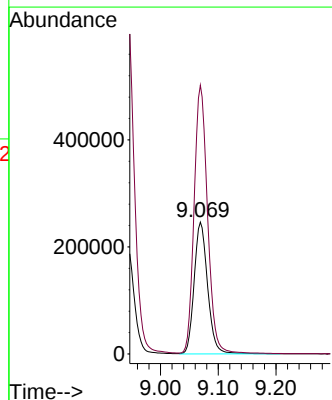
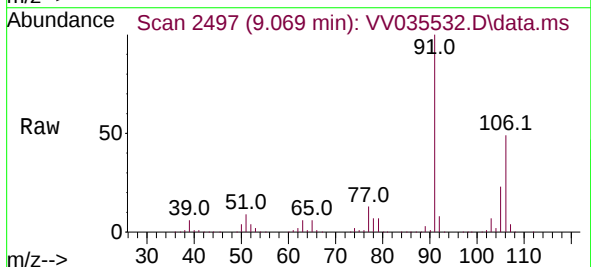
Instrument :
MSVOA_V
ClientSampleId :

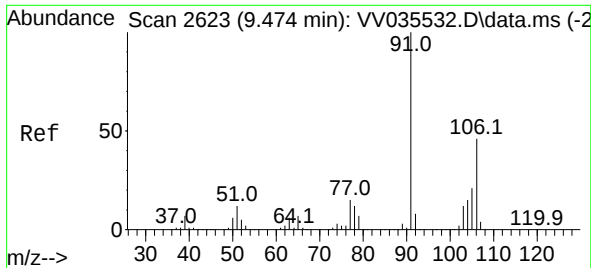
Tgt Ion: 91 Resp: 1032507
Ion Ratio Lower Upper
91 100
106 31.0 21.7 40.3



#53
m,p-Xylene
Concen: 28.191 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

Tgt Ion:106 Resp: 399388
Ion Ratio Lower Upper
106 100
91 203.8 142.7 264.9

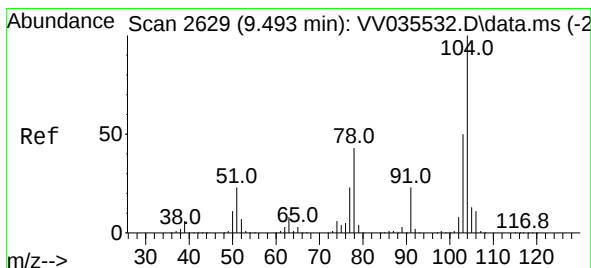
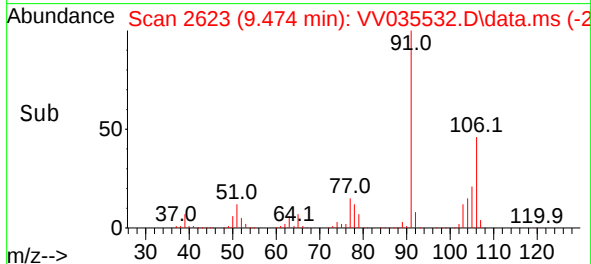
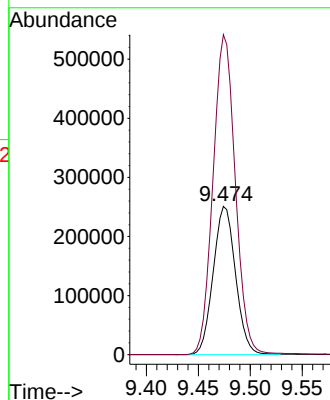
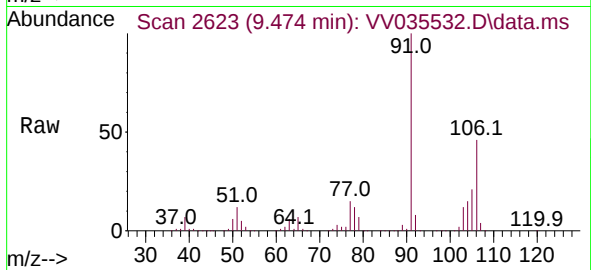




#54
o-Xylene
Concen: 28.025 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

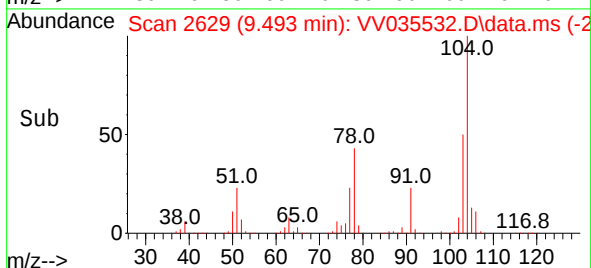
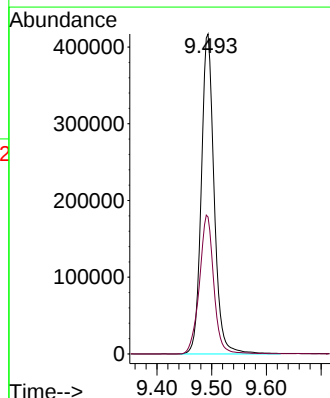
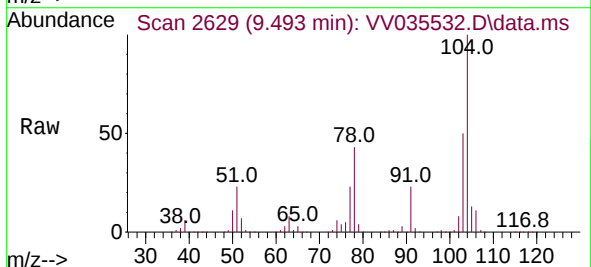
Instrument :
MSVOA_V
ClientSampleId :

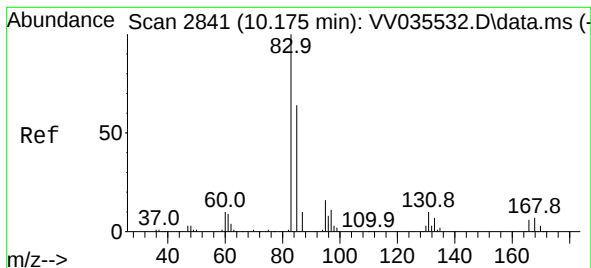
Tgt Ion:106 Resp: 376306
Ion Ratio Lower Upper
106 100
91 215.6 150.9 280.3



#55
Styrene
Concen: 29.133 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

Tgt Ion:104 Resp: 682286
Ion Ratio Lower Upper
104 100
78 42.8 30.0 55.6

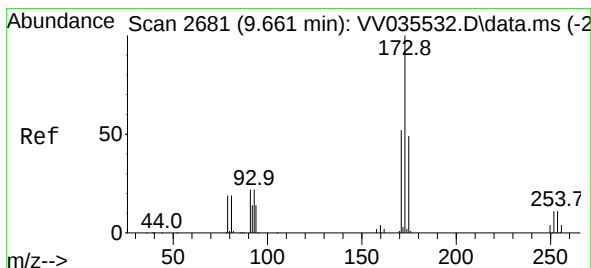
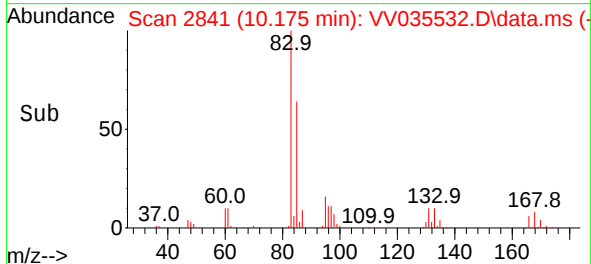
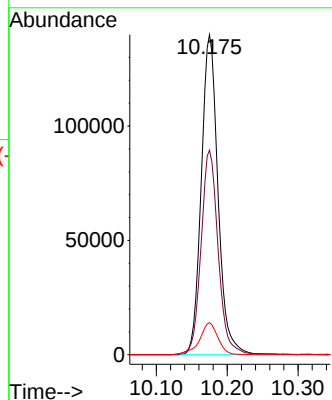
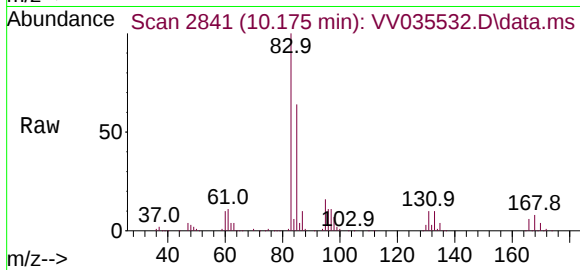




#57
1,1,2,2-Tetrachloroethane
Concen: 26.550 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

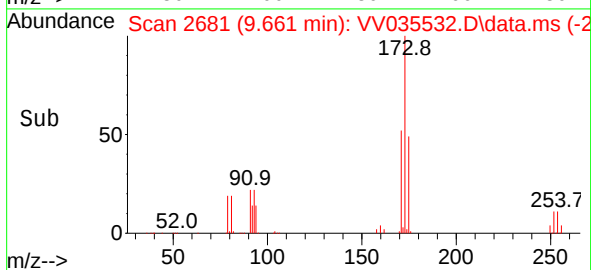
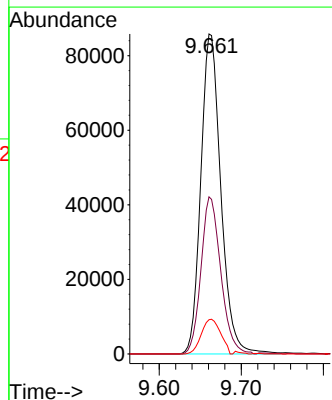
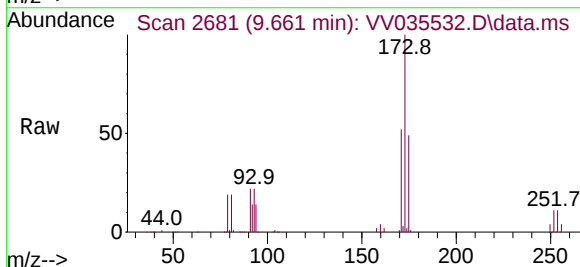
Instrument :
MSVOA_V
ClientSampleId :

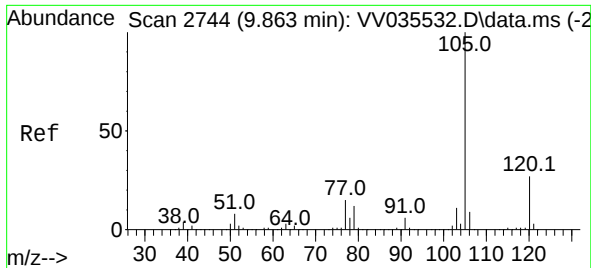
Tgt Ion: 83 Resp: 229124
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1
131 10.0 8.0 12.0



#59
Bromoform
Concen: 26.567 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

Tgt Ion:173 Resp: 145408
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 10.4 8.3 12.5

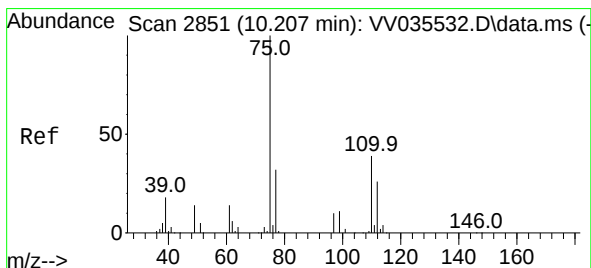
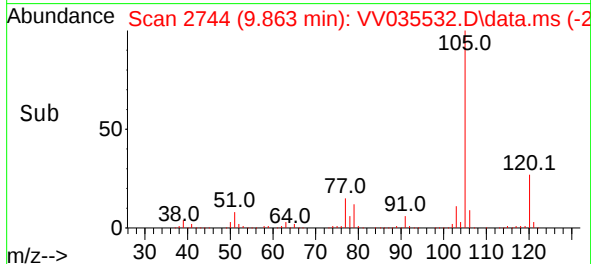
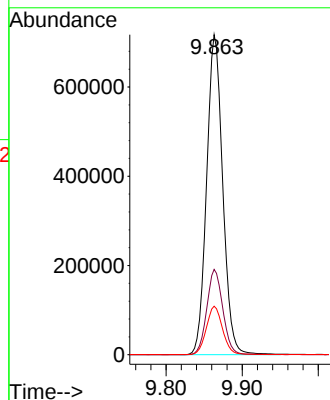
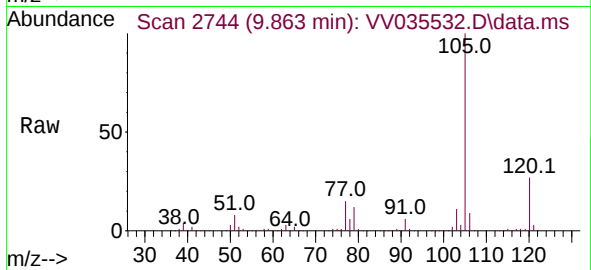




#60
Isopropylbenzene
Concen: 28.451 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

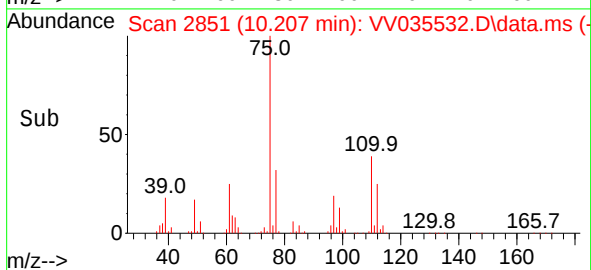
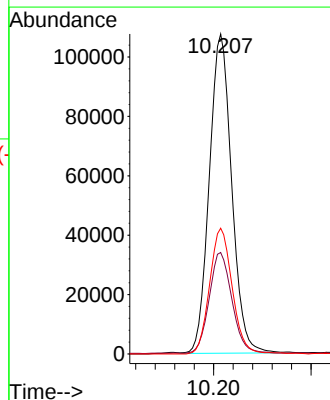
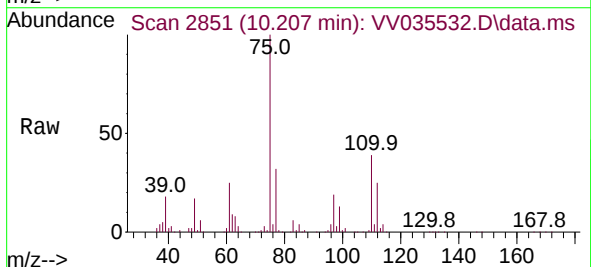
Instrument :
MSVOA_V
ClientSampleId :

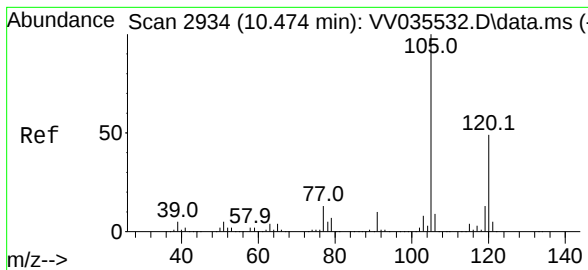
Tgt Ion:105 Resp: 1055486
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 26.262 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035532.D
Acq: 06 May 2024 13:11

Tgt Ion: 75 Resp: 171390
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 39.8 31.8 47.8

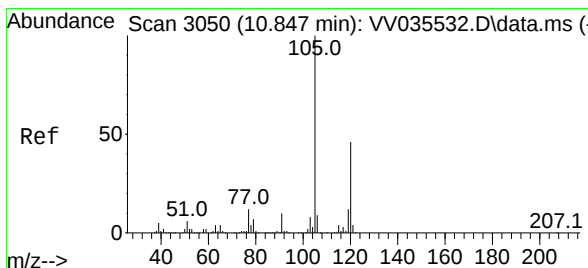
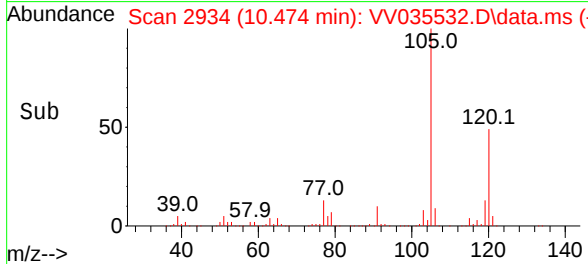
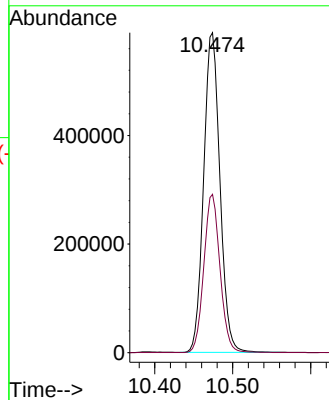
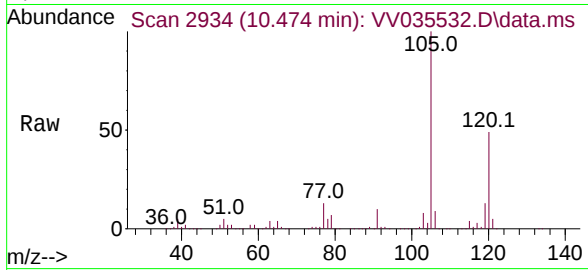




#62
 1,3,5-Trimethylbenzene
 Concen: 29.393 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. 0.000 min
 Lab File: VV035532.D
 Acq: 06 May 2024 13:11

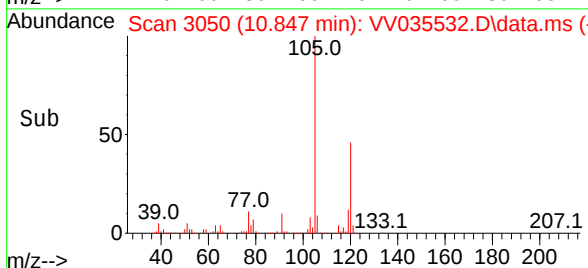
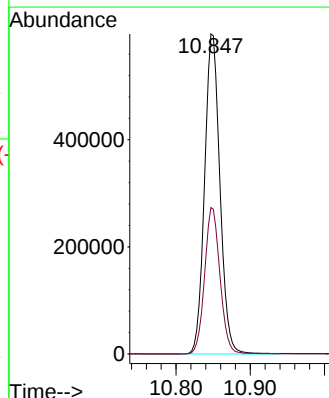
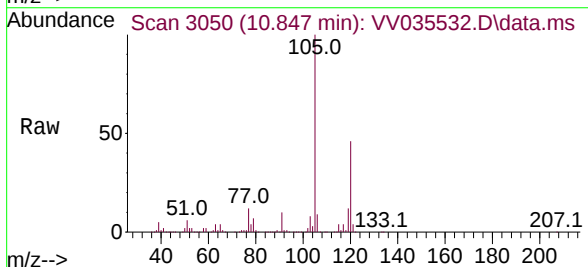
Instrument :
 MSVOA_V
 ClientSampleId :

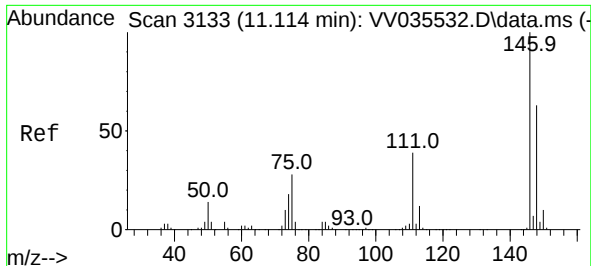
Tgt Ion:105 Resp: 855409
 Ion Ratio Lower Upper
 105 100
 120 49.2 39.4 59.0



#63
 1,2,4-Trimethylbenzene
 Concen: 28.656 ug/L
 RT: 10.847 min Scan# 3050
 Delta R.T. 0.000 min
 Lab File: VV035532.D
 Acq: 06 May 2024 13:11

Tgt Ion:105 Resp: 856992
 Ion Ratio Lower Upper
 105 100
 120 45.8 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 26.802 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035532.D

Acq: 06 May 2024 13:11

Instrument :

MSVOA_V

ClientSampleId :

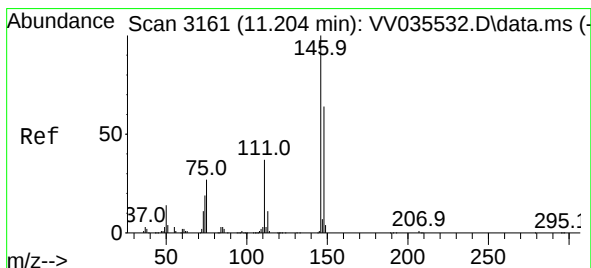
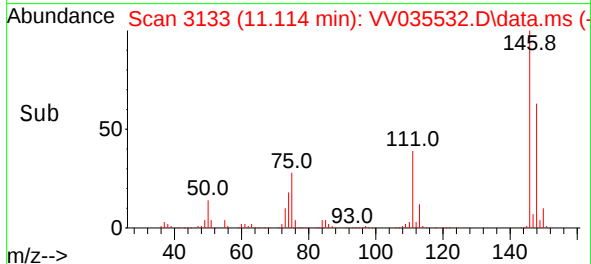
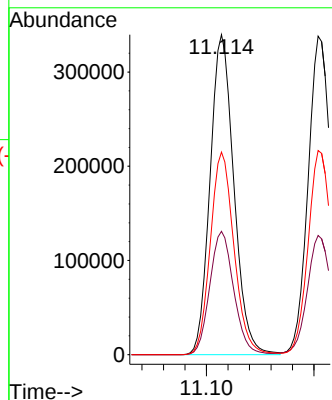
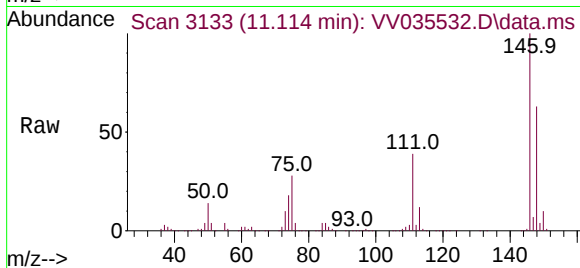
Tgt Ion:146 Resp: 521802

Ion Ratio Lower Upper

146 100

111 38.6 27.0 50.2

148 63.3 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 26.066 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV035532.D

Acq: 06 May 2024 13:11

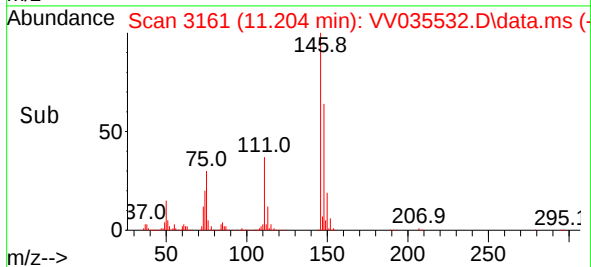
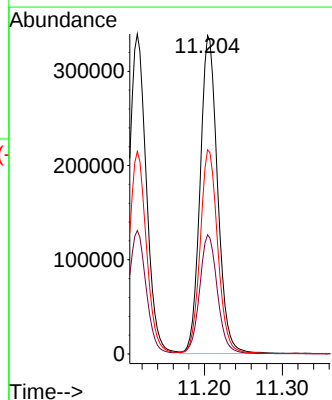
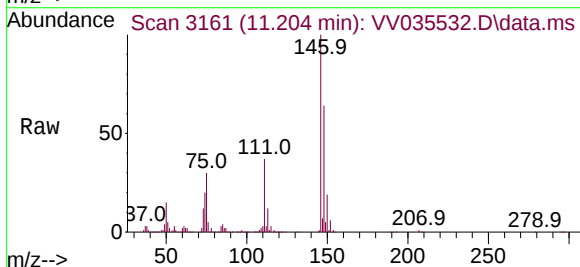
Tgt Ion:146 Resp: 525358

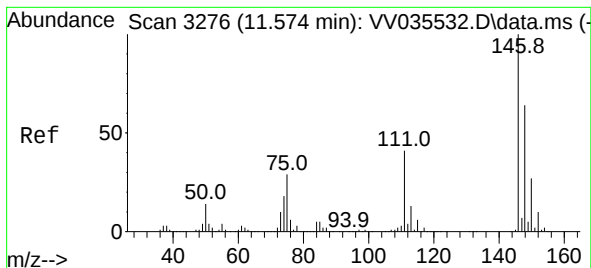
Ion Ratio Lower Upper

146 100

111 37.4 26.2 48.6

148 64.1 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 26.388 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV035532.D

Acq: 06 May 2024 13:11

Instrument :

MSVOA_V

ClientSampleId :

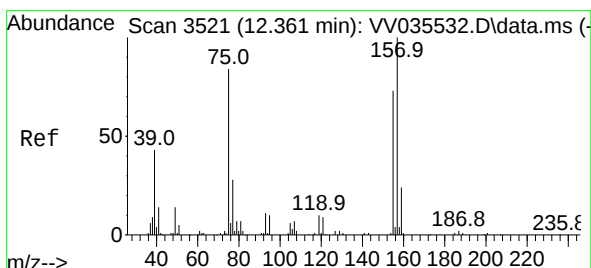
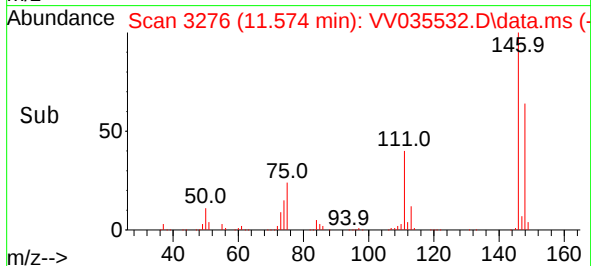
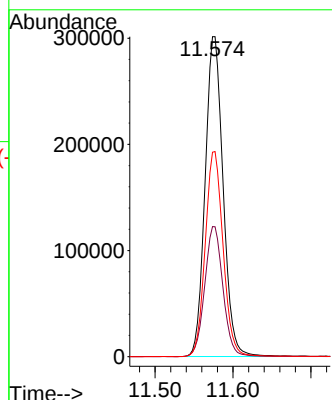
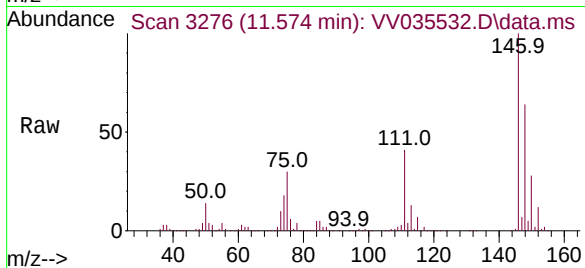
Tgt Ion:146 Resp: 483603

Ion Ratio Lower Upper

146 100

111 40.7 32.6 48.8

148 63.9 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 25.841 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035532.D

Acq: 06 May 2024 13:11

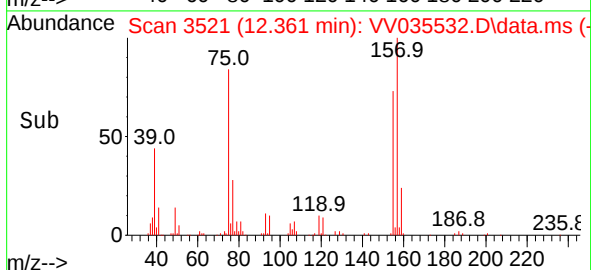
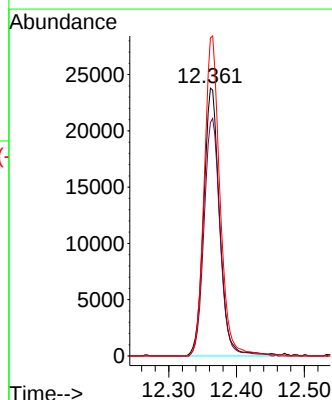
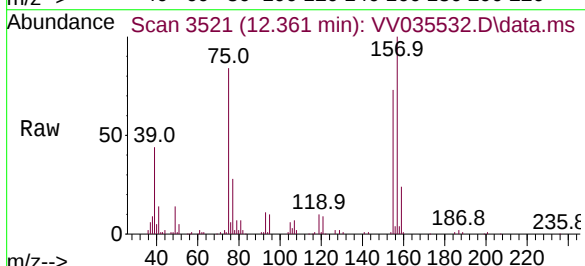
Tgt Ion: 75 Resp: 39112

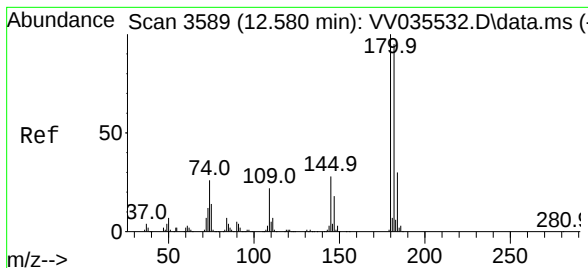
Ion Ratio Lower Upper

75 100

155 87.2 69.8 104.6

157 118.8 95.0 142.6





#69

1,3,5-Trichlorobenzene

Concen: 26.396 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

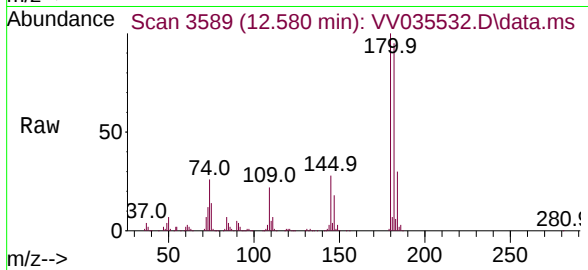
Lab File: VV035532.D

Acq: 06 May 2024 13:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 401590

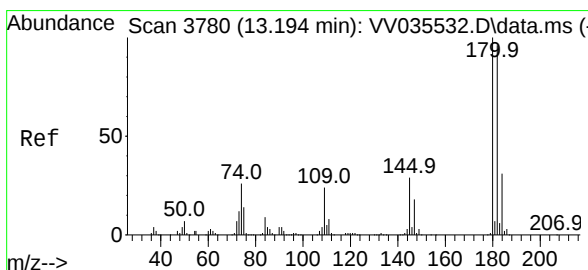
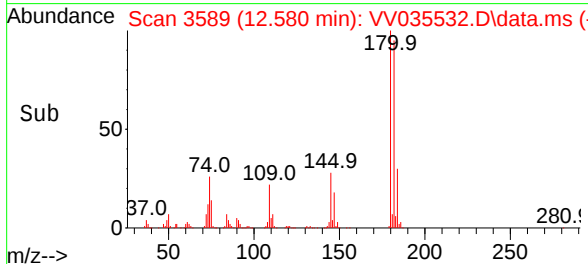
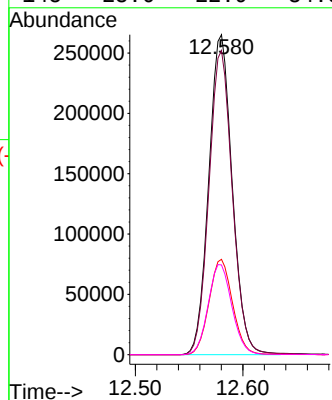
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

184 30.1 24.1 36.1

145 28.6 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 26.134 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035532.D

Acq: 06 May 2024 13:11

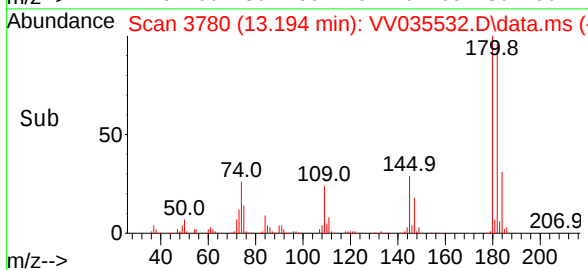
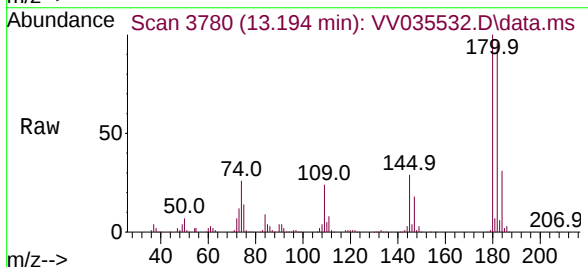
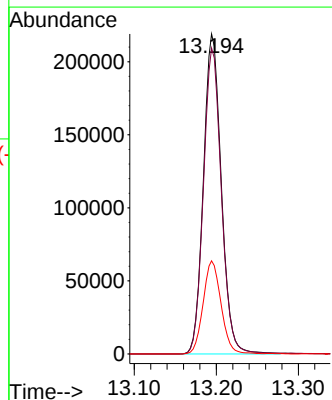
Tgt Ion:180 Resp: 332001

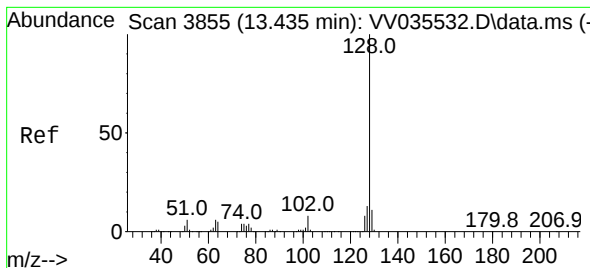
Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

145 29.0 23.2 34.8





#71

Naphthalene

Concen: 25.397 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035532.D

Acq: 06 May 2024 13:11

Instrument :

MSVOA_V

ClientSampleId :

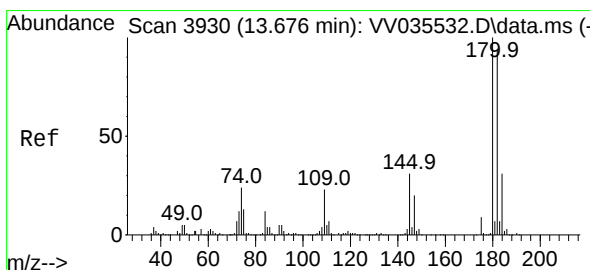
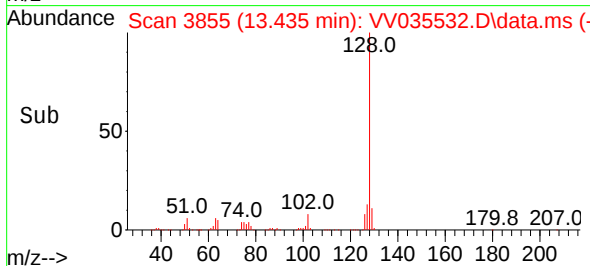
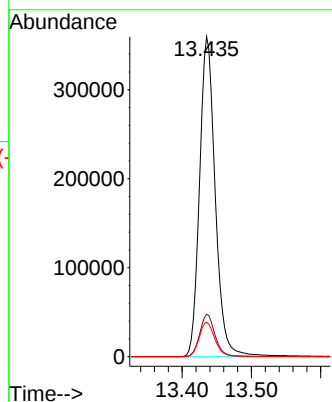
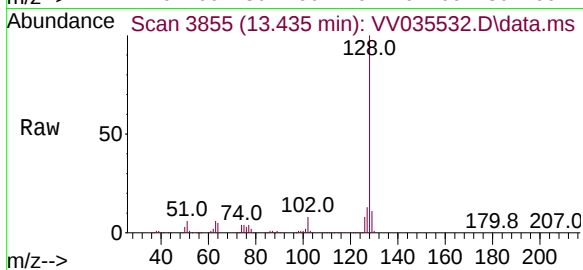
Tgt Ion:128 Resp: 566408

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: 26.094 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035532.D

Acq: 06 May 2024 13:11

Tgt Ion:180 Resp: 298220

Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

145 31.5 25.2 37.8

