

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050624\
 Data File : VV035533.D
 Acq On : 06 May 2024 13:35
 Operator : SY/MD
 Sample : VSTD05004
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 08 01:29:58 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	5.532	114	467890	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	486397	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	287065	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	290409	40.157	ug/L	0.00
7) Chloroethane-d5	1.529	69	236138	40.475	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	127705	39.888	ug/L	0.00
21) 2-Butanone-d5	3.825	46	193235	94.163	ug/L	-0.01
24) Chloroform-d	4.243	84	602248	43.296	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	297665	43.286	ug/L	0.00
32) Benzene-d6	4.957	84	1128865	42.398	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	353696	43.046	ug/L	0.00
41) Toluene-d8	7.240	98	1045805	44.133	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	156572	44.556	ug/L	0.00
47) 2-Hexanone-d5	8.027	63	159928	108.245	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	369058	46.612	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	427170	42.878	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	413177	43.435	ug/L	99
3) Chloromethane	1.214	50	392426	41.089	ug/L	99
5) Vinyl chloride	1.278	62	428830	43.461	ug/L	100
6) Bromomethane	1.487	94	266946	42.728	ug/L	99
8) Chloroethane	1.549	64	269778	44.354	ug/L	99
9) Trichlorofluoromethane	1.709	101	582625	45.238	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	375565	46.218	ug/L	99
12) 1,1-Dichloroethene	2.066	96	328075	44.699	ug/L	98
13) Acetone	2.063	43	3481	1.159	ug/L	89
14) Carbon disulfide	2.237	76	928610	39.944	ug/L	99
15) Methyl Acetate	2.384	43	187435	40.901	ug/L	93
16) Methylene chloride	2.442	84	406891	37.712	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	369323	45.326	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	973653	49.537	ug/L	100
19) 1,1-Dichloroethane	3.108	63	717575	46.975	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	418069	47.329	ug/L	98
22) 2-Butanone	3.902	43	242191	86.786	ug/L	94
23) Bromochloromethane	4.143	128	201678	47.206	ug/L	98
25) Chloroform	4.272	83	742851	47.094	ug/L	96
27) 1,2-Dichloroethane	5.037	62	472368	48.090	ug/L	100
29) Cyclohexane	4.577	56	547453	47.067	ug/L	100
30) 1,1,1-Trichloroethane	4.507	97	629913	46.707	ug/L	99
31) Carbon tetrachloride	4.728	117	552919	46.726	ug/L	99
33) Benzene	5.005	78	1530052	47.530	ug/L	100
34) Trichloroethene	5.828	95	423450	46.503	ug/L	99
35) Methylcyclohexane	6.047	83	652491	47.198	ug/L	99
37) 1,2-Dichloropropane	6.089	63	408862	48.681	ug/L	100
38) Bromodichloromethane	6.429	83	545007	47.902	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	661478	50.354	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	522805	105.519	ug/L	99
42) Toluene	7.310	91	1670948	49.048	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	581267	50.582	ug/L	99

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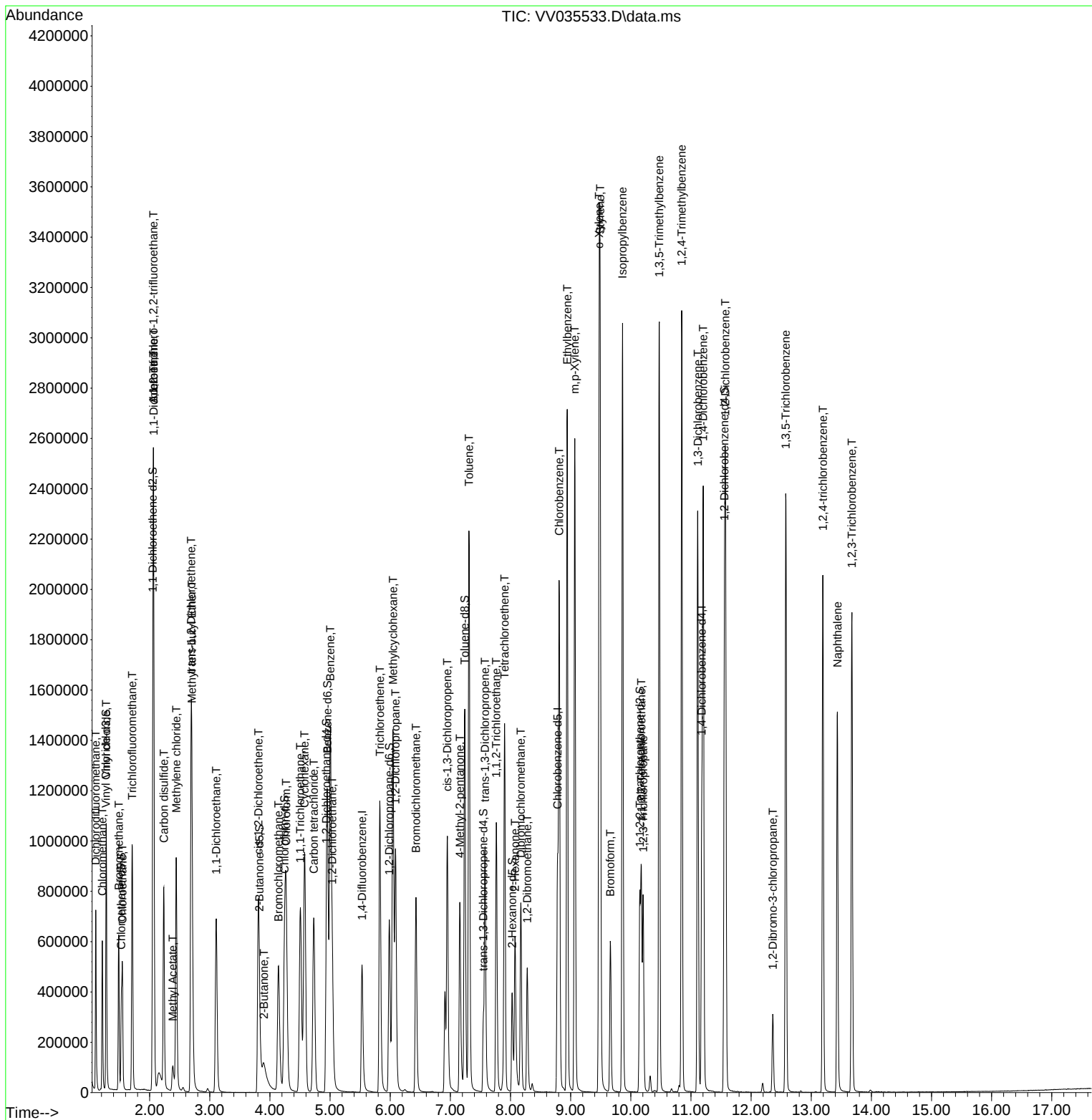
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 ClientSampleId :

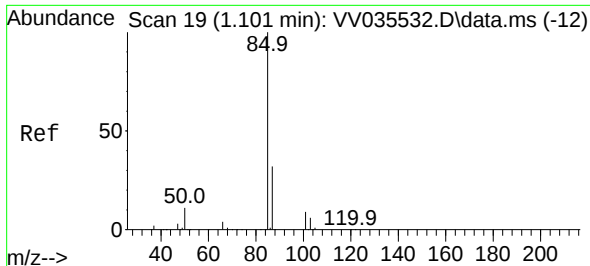
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	346472	48.551	ug/L	99
46) Tetrachloroethene	7.902	164	342214	46.259	ug/L	99
48) 2-Hexanone	8.076	43	402392	108.746	ug/L	98
49) Dibromochloromethane	8.172	129	391276	48.592	ug/L	97
50) 1,2-Dibromoethane	8.278	107	342528	48.722	ug/L	99
51) Chlorobenzene	8.809	112	1119001	47.338	ug/L	99
52) Ethylbenzene	8.944	91	1893522	50.341	ug/L	100
53) m,p-Xylene	9.069	106	722343	50.618	ug/L	100
54) o-Xylene	9.474	106	699619	51.727	ug/L	100
55) Styrene	9.490	104	1252923	53.112	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	434531	49.987	ug/L	99
59) Bromoform	9.661	173	275061	48.757	ug/L	100
60) Isopropylbenzene	9.863	105	1935690	50.621	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	325667	48.413	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	1613858	53.800	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	1620608	52.572	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	958374	47.757	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	968964	46.641	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	897246	47.498	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.362	75	78759	50.483	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	754644	48.122	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	644955	49.253	ug/L	100
71) Naphthalene	13.435	128	1200253	52.212	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	590587	50.135	ug/L	99

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

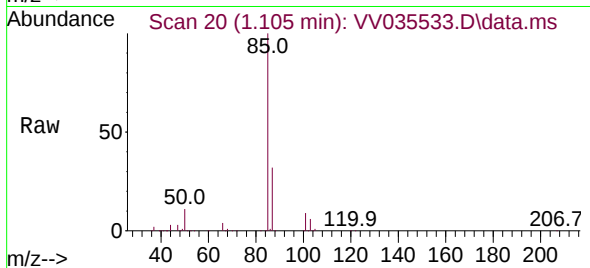
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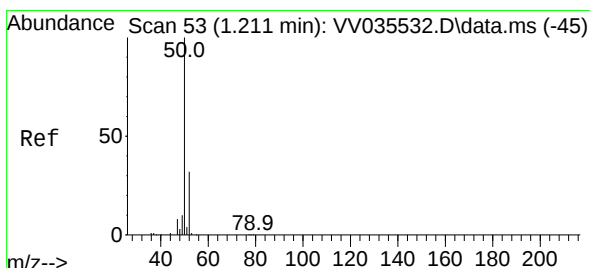
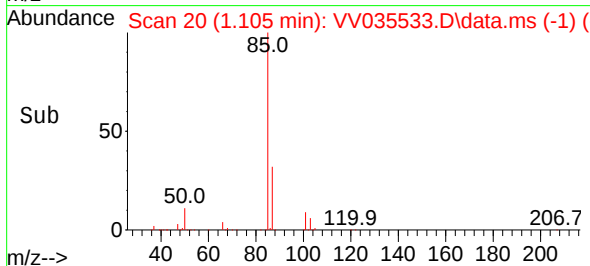
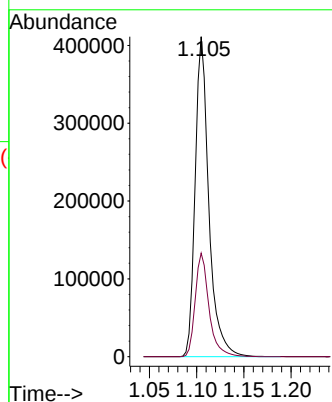


#2
Dichlorodifluoromethane
Concen: 43.435 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV035533.D
Acq: 06 May 2024 13:35

Instrument :
MSVOA_V
ClientSampleId :

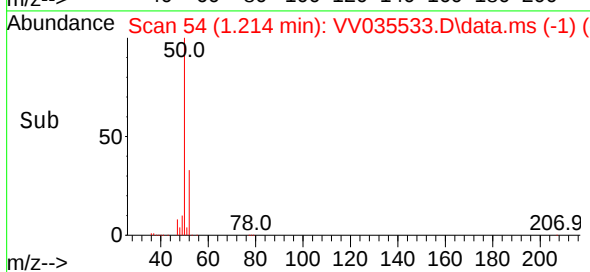
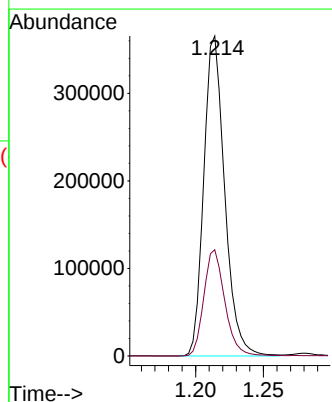
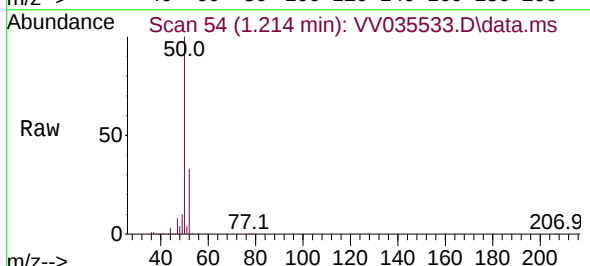


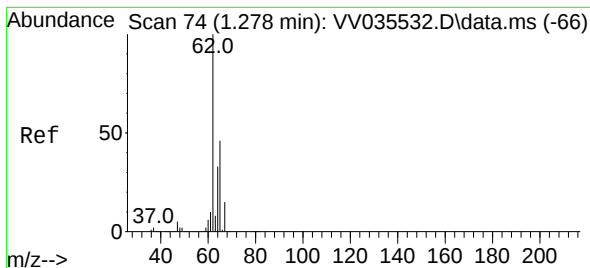
Tgt Ion: 85 Resp: 413177
Ion Ratio Lower Upper
85 100
87 32.6 25.8 38.6



#3
Chloromethane
Concen: 41.089 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV035533.D
Acq: 06 May 2024 13:35

Tgt Ion: 50 Resp: 392426
Ion Ratio Lower Upper
50 100
52 33.2 22.7 42.1





#5

Vinyl chloride

Concen: 43.461 ug/L

RT: 1.278 min Scan# 74

Delta R.T. 0.000 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

Instrument :

MSVOA_V

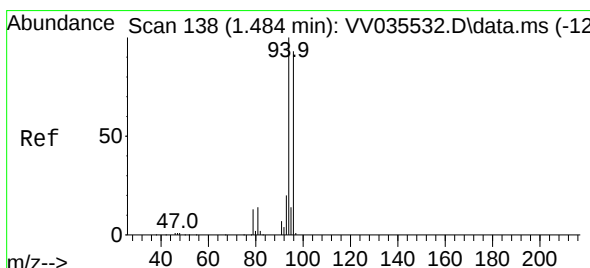
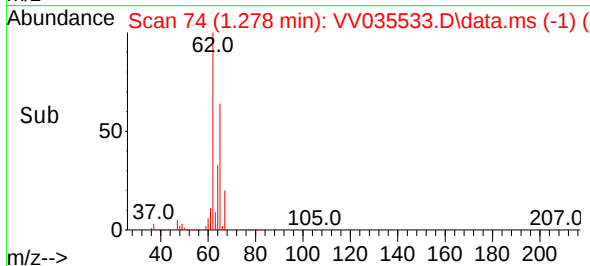
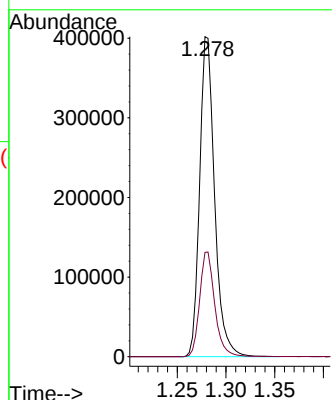
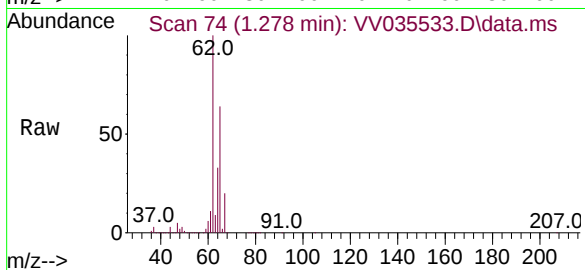
ClientSampleId :

Tgt Ion: 62 Resp: 428830

Ion Ratio Lower Upper

62 100

64 32.6 23.0 42.6



#6

Bromomethane

Concen: 42.728 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.003 min

Lab File: VV035533.D

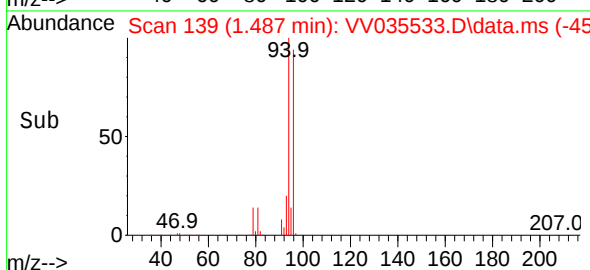
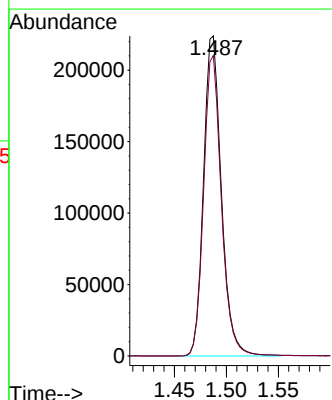
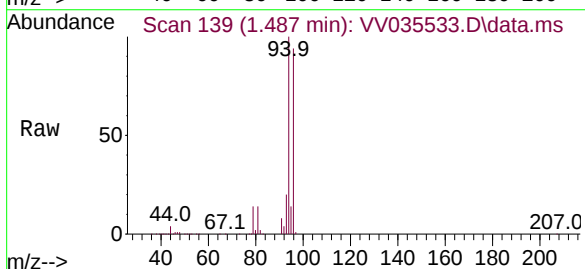
Acq: 06 May 2024 13:35

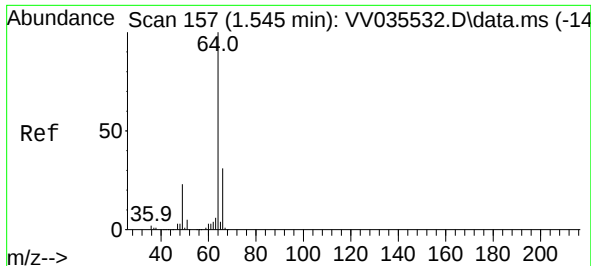
Tgt Ion: 94 Resp: 266946

Ion Ratio Lower Upper

94 100

96 93.9 65.2 121.0

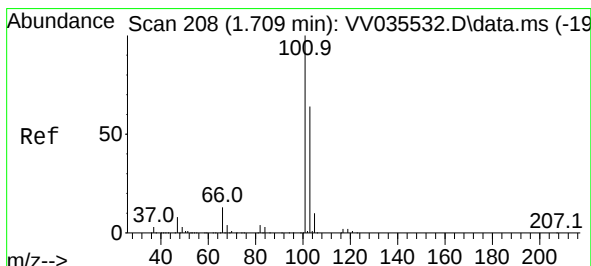
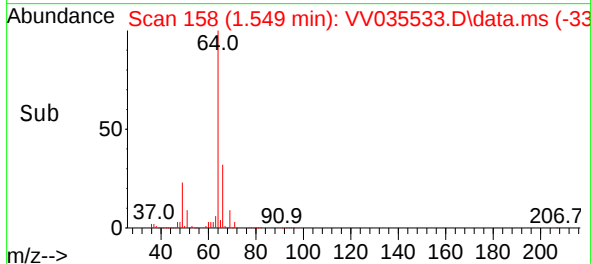
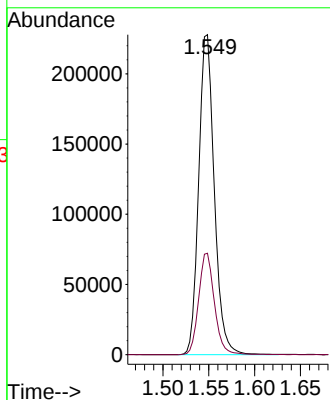
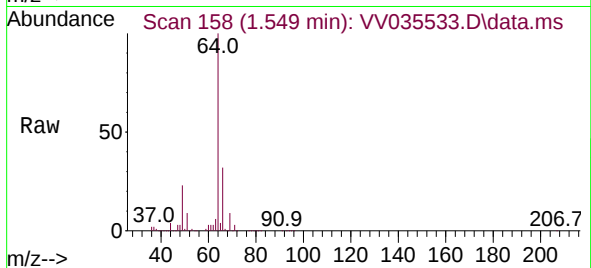




#8
Chloroethane
Concen: 44.354 ug/L
RT: 1.549 min Scan# 157
Delta R.T. 0.003 min
Lab File: VV035533.D
Acq: 06 May 2024 13:35

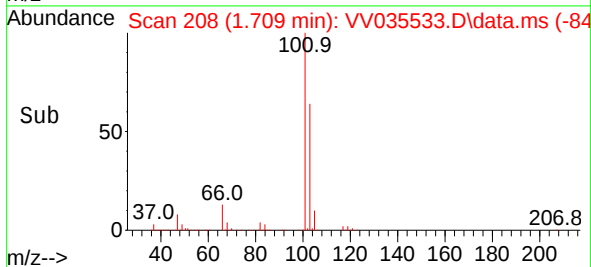
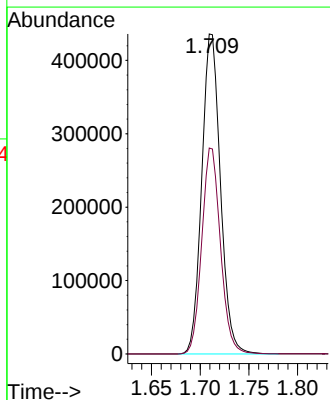
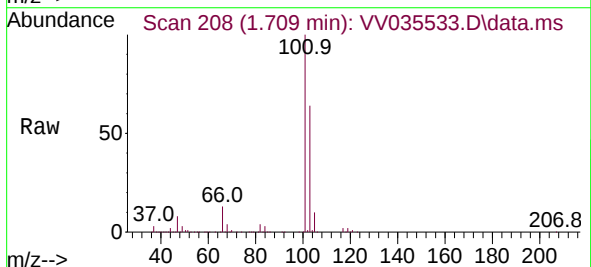
Instrument :
MSVOA_V
ClientSampleId :

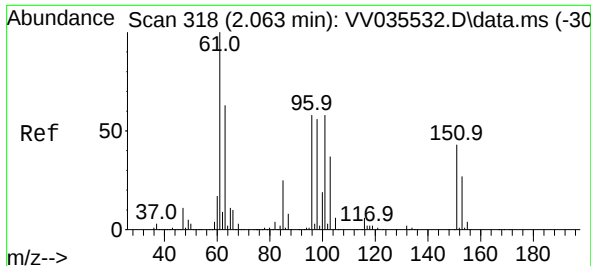
Tgt Ion: 64 Resp: 269778
Ion Ratio Lower Upper
64 100
66 31.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 45.238 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV035533.D
Acq: 06 May 2024 13:35

Tgt Ion:101 Resp: 582625
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3





#10

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

Concen: 46.218 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

Instrument :

MSVOA_V

ClientSampleId :

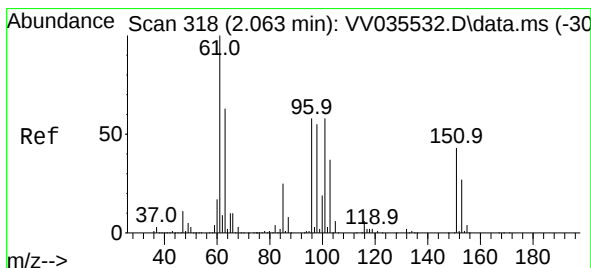
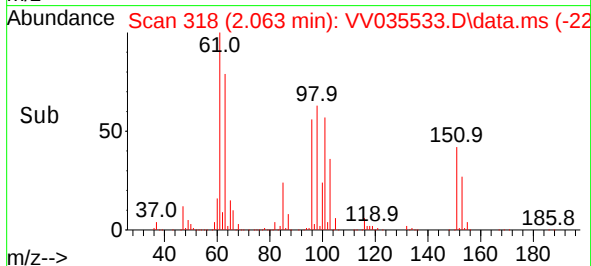
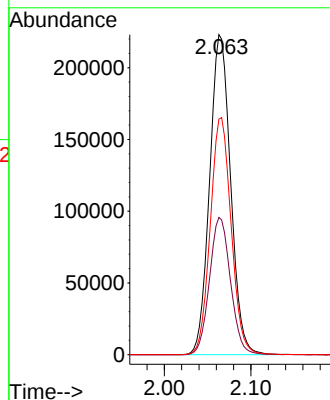
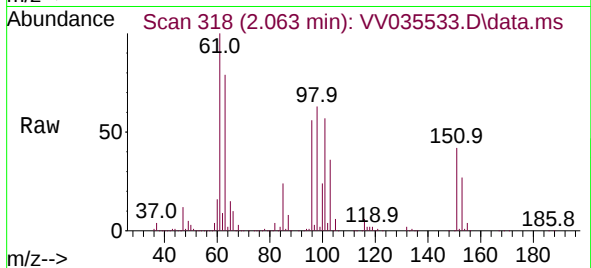
Tgt Ion:101 Resp: 375565

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.4

151 73.8 59.5 89.3



#12

1,1-Dichloroethene

Concen: 44.699 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

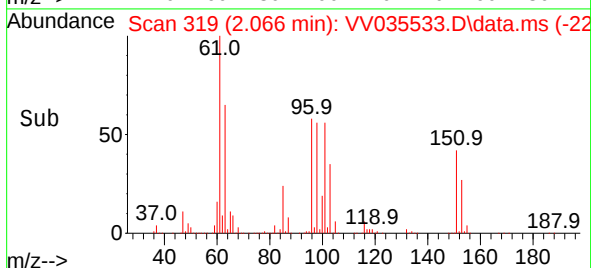
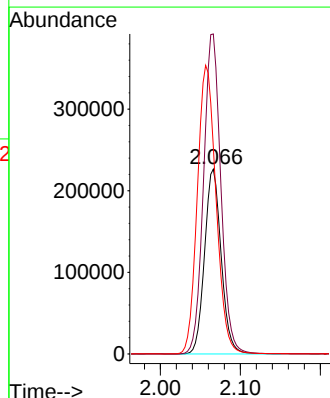
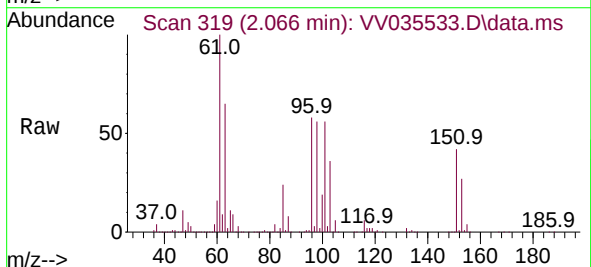
Tgt Ion: 96 Resp: 328075

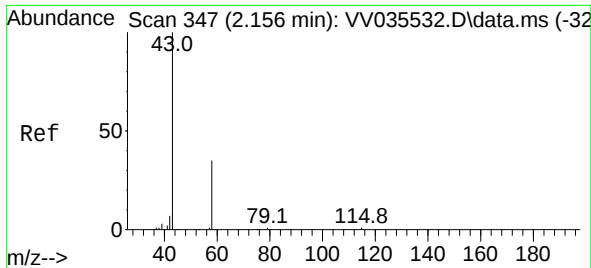
Ion Ratio Lower Upper

96 100

61 173.1 119.8 222.4

63 112.1 75.6 140.4





#13

Acetone

Concen: 1.159 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.093 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

Instrument :

MSVOA_V

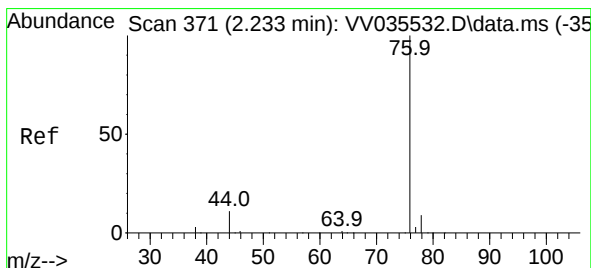
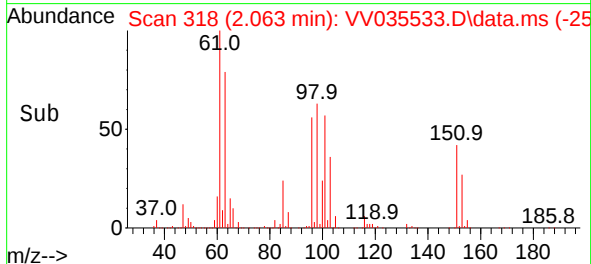
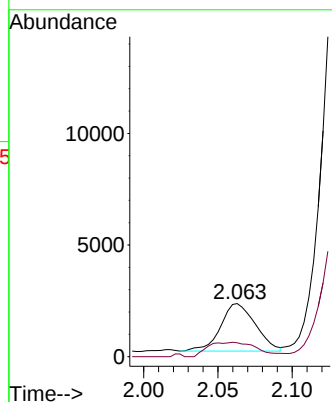
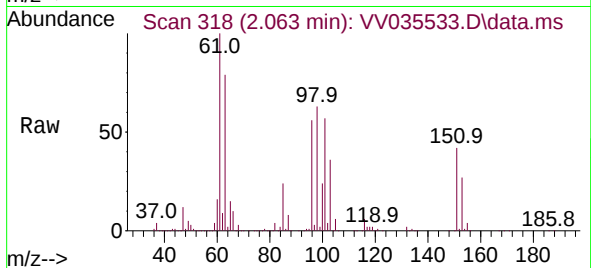
ClientSampleId :

Tgt Ion: 43 Resp: 3481

Ion Ratio Lower Upper

43 100

58 15.4 0.0 22.8



#14

Carbon disulfide

Concen: 39.944 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV035533.D

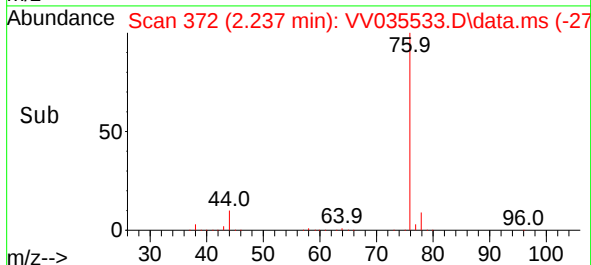
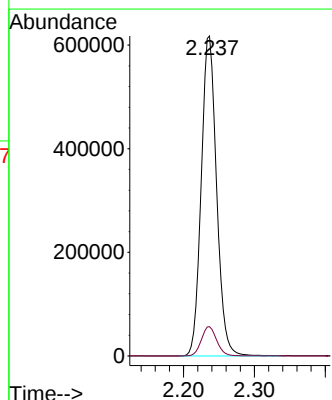
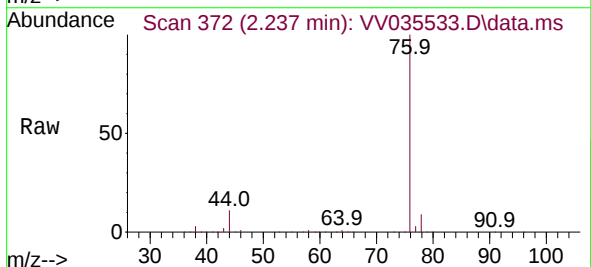
Acq: 06 May 2024 13:35

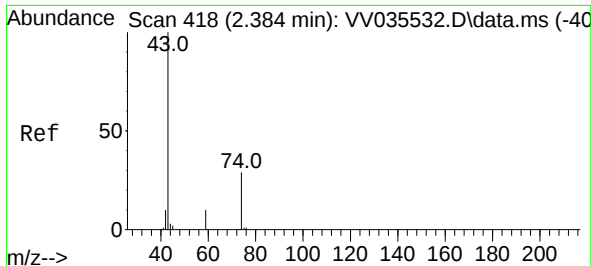
Tgt Ion: 76 Resp: 928610

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3





#15

Methyl Acetate

Concen: 40.901 ug/L

RT: 2.384 min Scan# 418

Delta R.T. 0.000 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

Instrument :

MSVOA_V

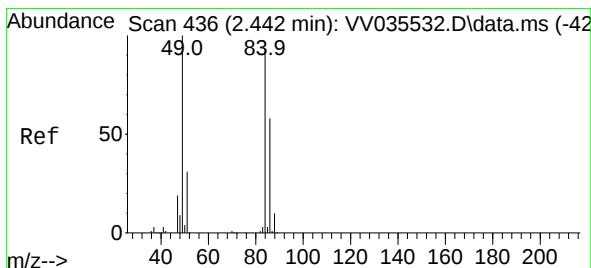
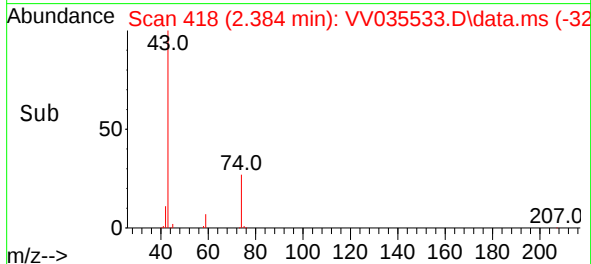
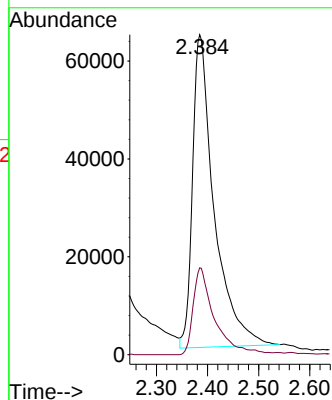
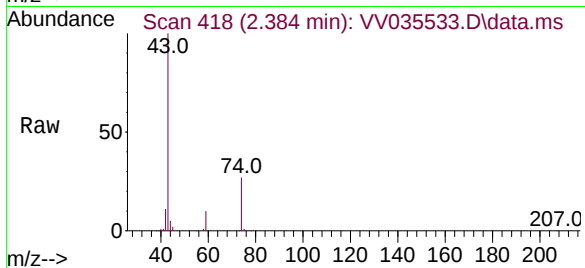
ClientSampleId :

Tgt Ion: 43 Resp: 187435

Ion Ratio Lower Upper

43 100

74 26.7 18.6 27.8



#16

Methylene chloride

Concen: 37.712 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

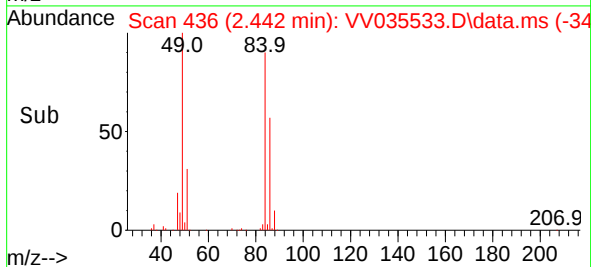
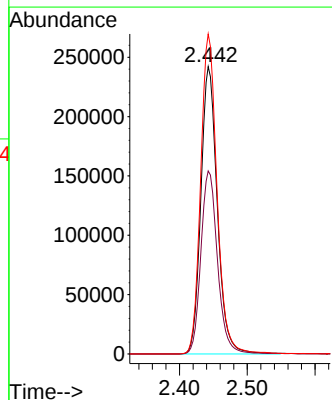
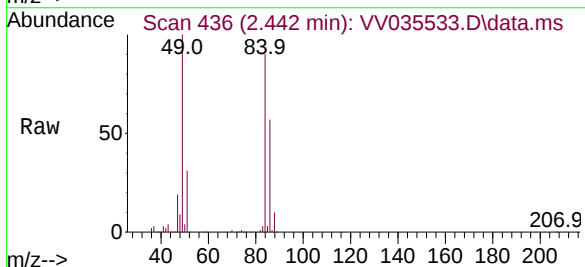
Tgt Ion: 84 Resp: 406891

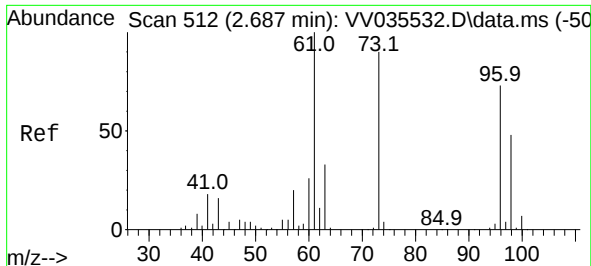
Ion Ratio Lower Upper

84 100

86 63.7 43.8 81.3

49 111.3 75.3 139.9





#17

trans-1,2-Dichloroethene

Concen: 45.326 ug/L

RT: 2.690 min Scan# 512

Delta R.T. 0.003 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

Instrument :

MSVOA_V

ClientSampleId :

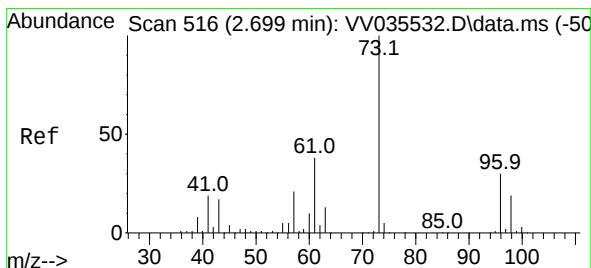
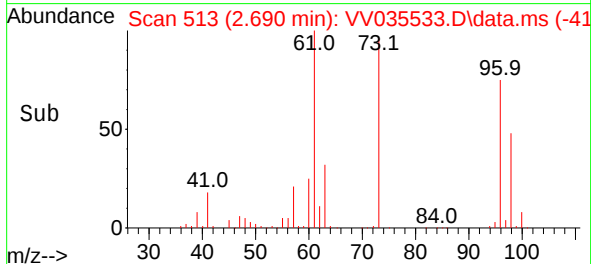
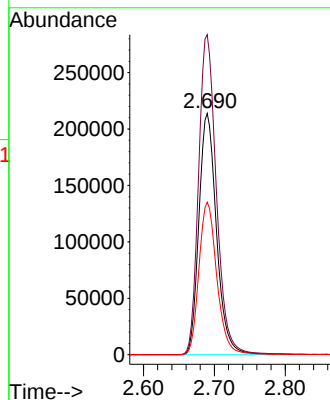
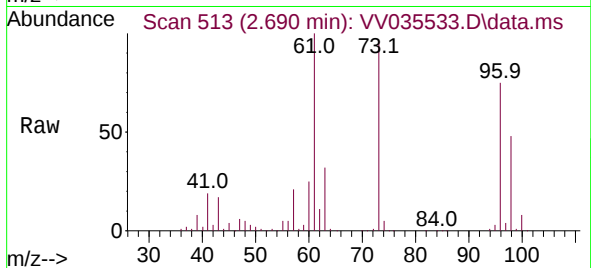
Tgt Ion: 96 Resp: 369323

Ion Ratio Lower Upper

96 100

61 132.6 95.5 177.4

98 63.2 46.0 85.4



#18

Methyl tert-butyl Ether

Concen: 49.537 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

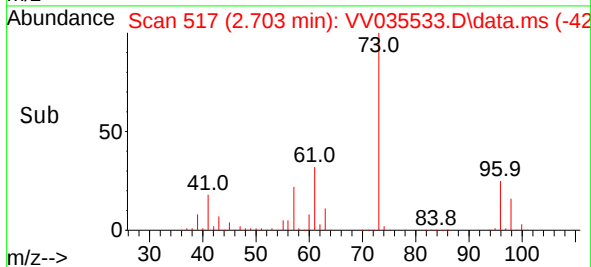
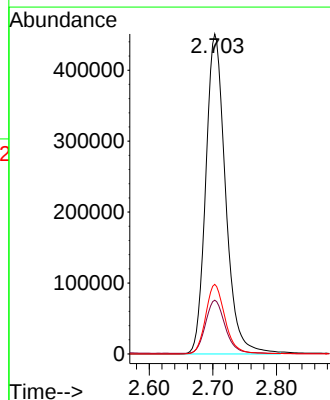
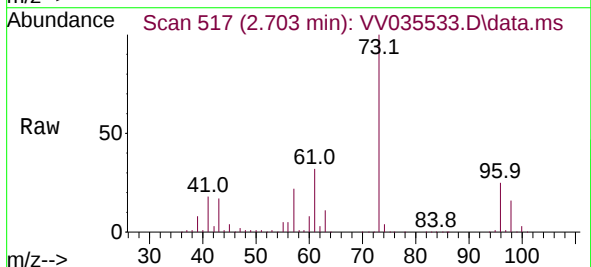
Tgt Ion: 73 Resp: 973653

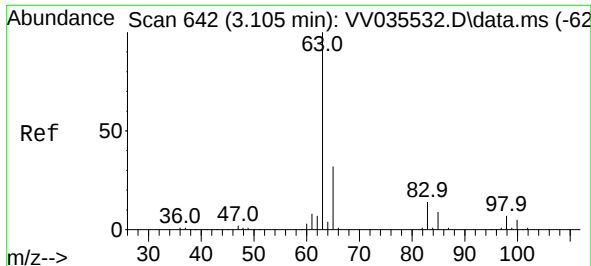
Ion Ratio Lower Upper

73 100

43 16.6 13.3 19.9

57 21.5 17.4 26.2





#19

1,1-Dichloroethane

Concen: 46.975 ug/L

RT: 3.108 min Scan# 642

Delta R.T. 0.003 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

Instrument :

MSVOA_V

ClientSampleId :

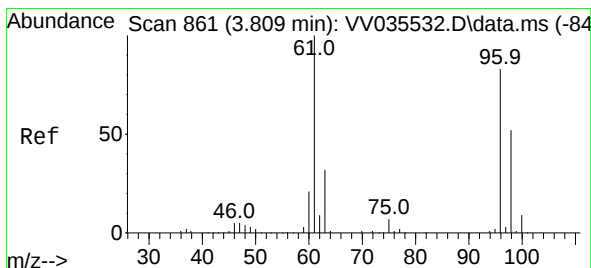
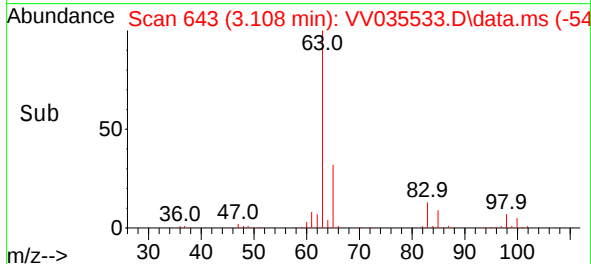
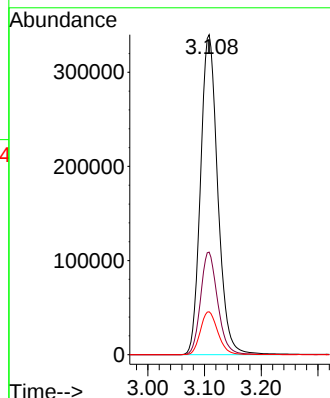
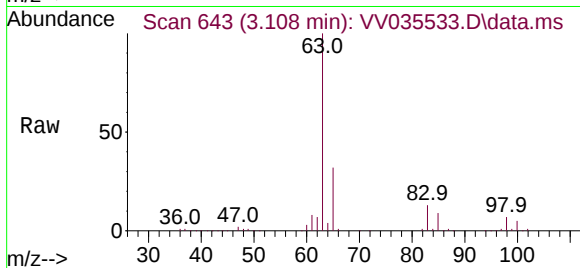
Tgt Ion: 63 Resp: 717575

Ion Ratio Lower Upper

63 100

65 32.0 22.7 42.3

83 13.4 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 47.329 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

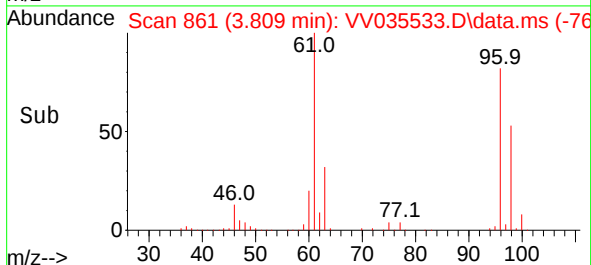
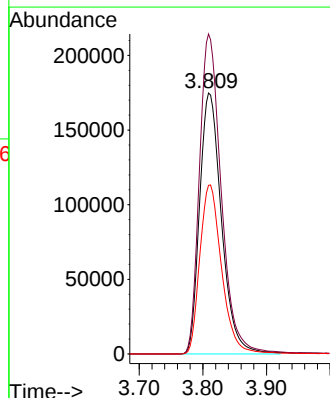
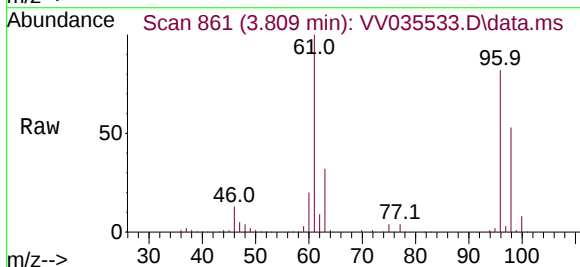
Tgt Ion: 96 Resp: 418069

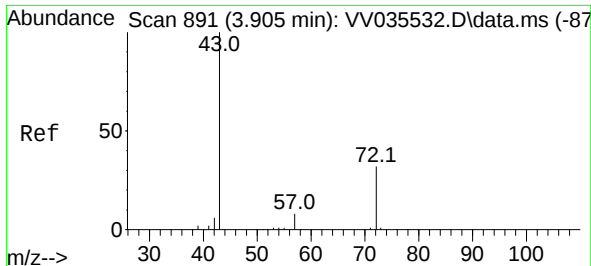
Ion Ratio Lower Upper

96 100

61 122.6 83.9 155.9

98 64.6 44.0 81.8





#22

2-Butanone

Concen: 86.786 ug/L

RT: 3.902 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

Instrument :

MSVOA_V

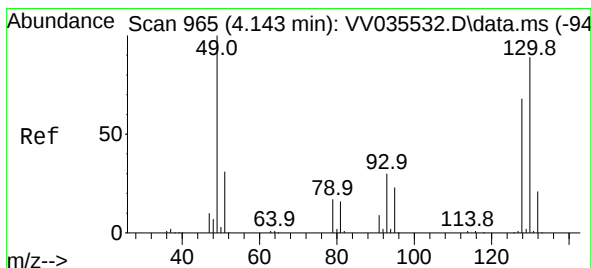
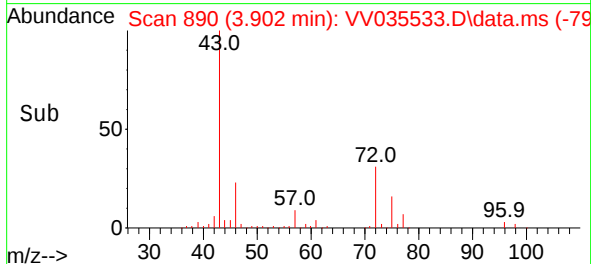
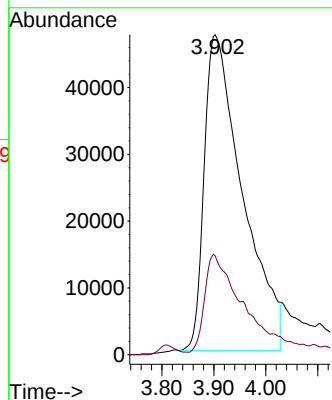
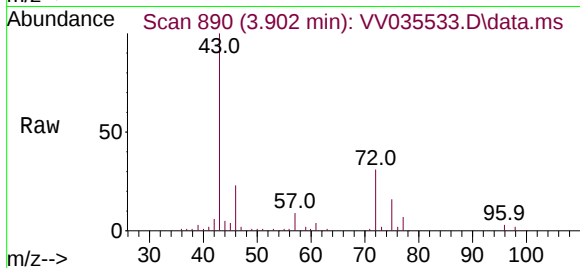
ClientSampleId :

Tgt Ion: 43 Resp: 242191

Ion Ratio Lower Upper

43 100

72 21.4 12.3 36.9



#23

Bromochloromethane

Concen: 47.206 ug/L

RT: 4.143 min Scan# 965

Delta R.T. 0.000 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

Tgt Ion: 128 Resp: 201678

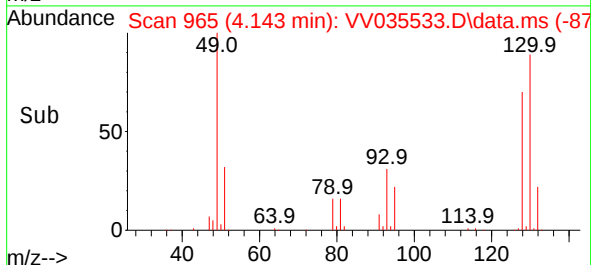
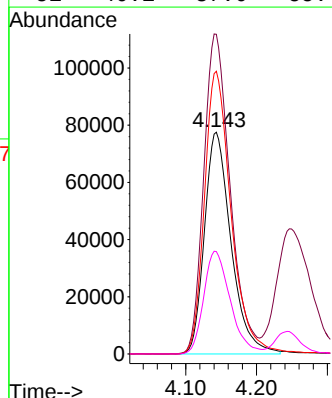
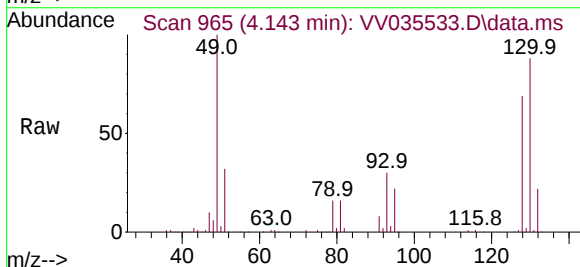
Ion Ratio Lower Upper

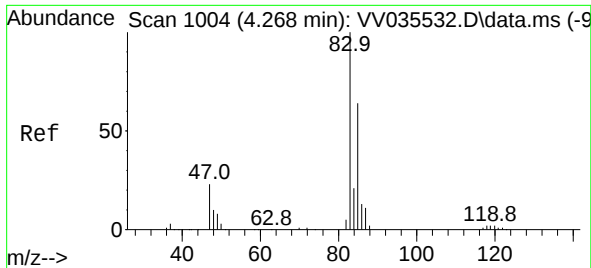
128 100

49 144.1 103.1 191.5

130 127.4 91.8 170.4

51 46.1 37.0 55.4





#25

Chloroform

Concen: 47.094 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

Instrument :

MSVOA_V

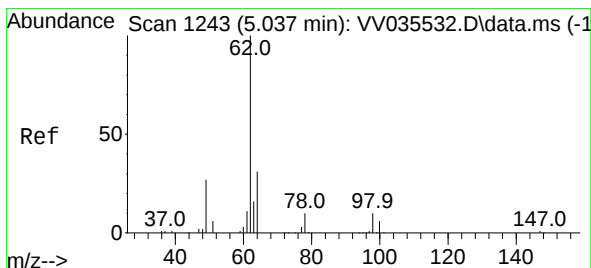
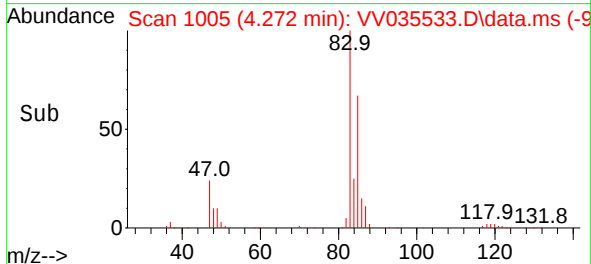
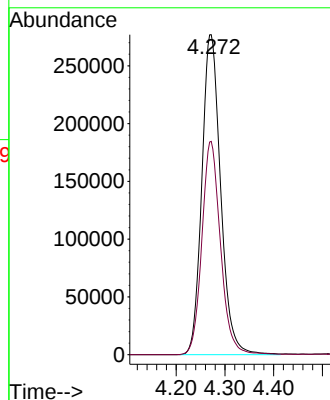
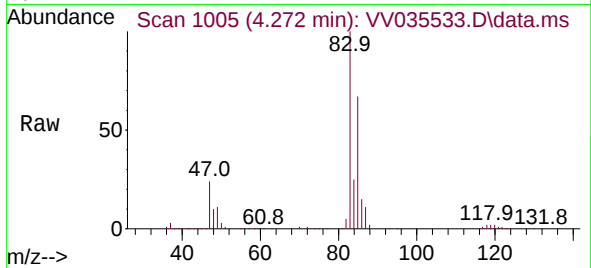
ClientSampleId :

Tgt Ion: 83 Resp: 742851

Ion Ratio Lower Upper

83 100

85 66.7 44.7 82.9



#27

1,2-Dichloroethane

Concen: 48.090 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV035533.D

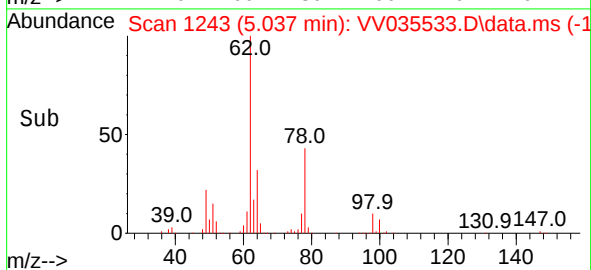
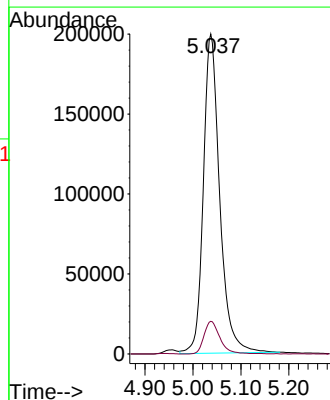
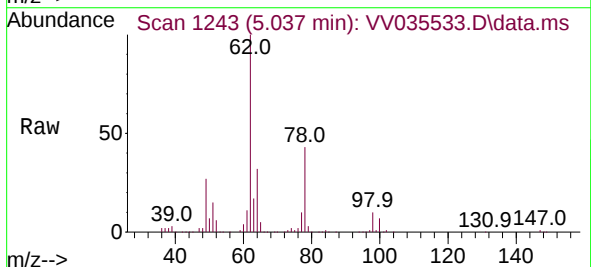
Acq: 06 May 2024 13:35

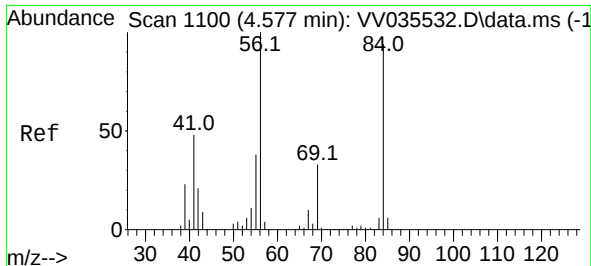
Tgt Ion: 62 Resp: 472368

Ion Ratio Lower Upper

62 100

98 10.2 8.2 12.2





#29

Cyclohexane

Concen: 47.067 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

Instrument :

MSVOA_V

ClientSampleId :

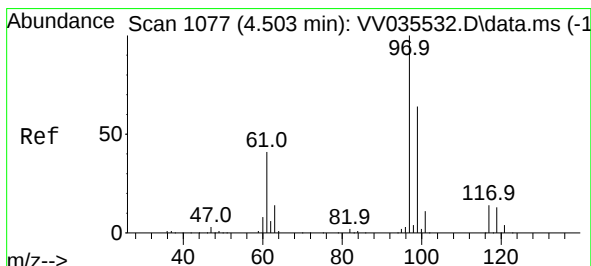
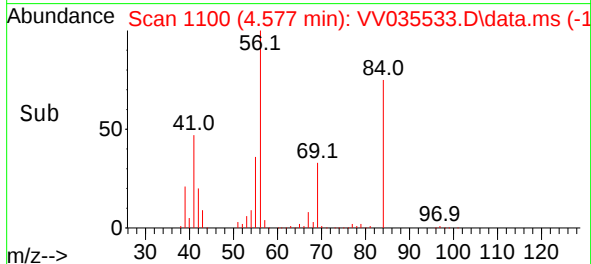
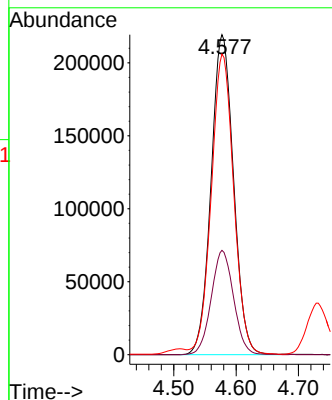
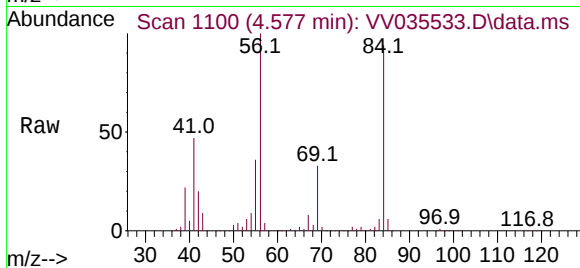
Tgt Ion: 56 Resp: 547453

Ion Ratio Lower Upper

56 100

69 32.4 25.6 38.4

84 93.7 74.8 112.2



#30

1,1,1-Trichloroethane

Concen: 46.707 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

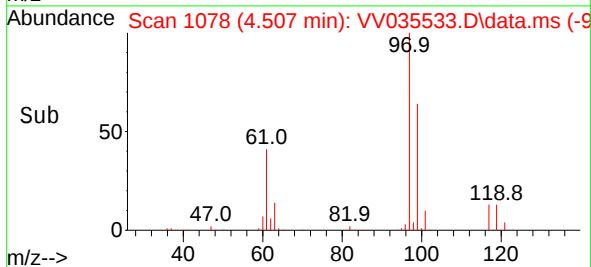
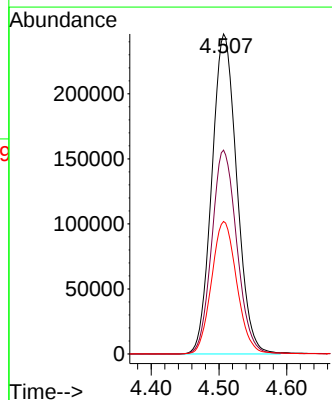
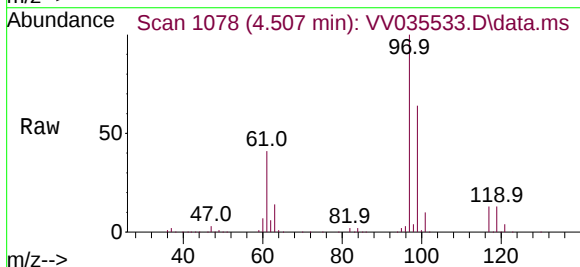
Tgt Ion: 97 Resp: 629913

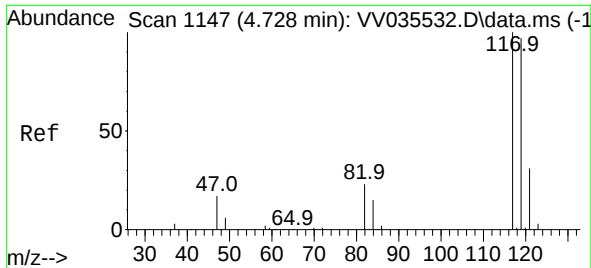
Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

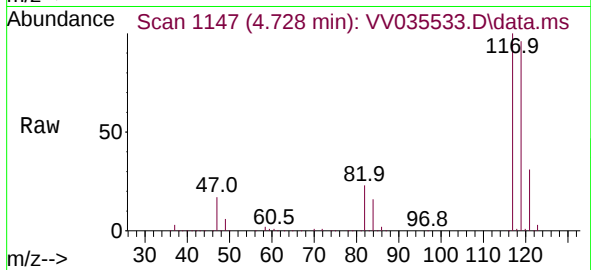
61 42.0 33.5 50.3



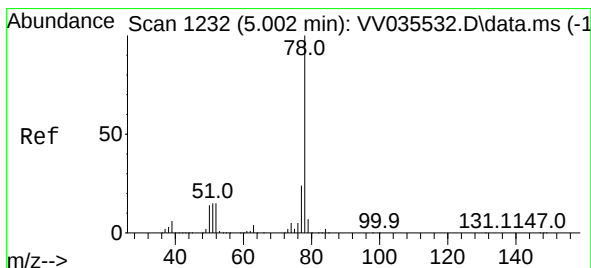
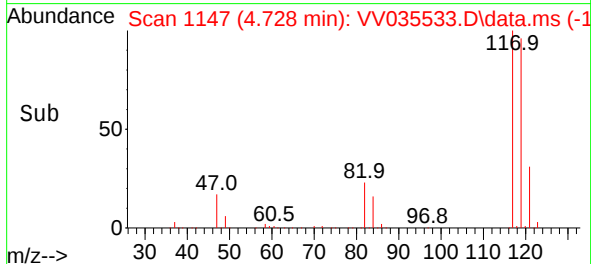
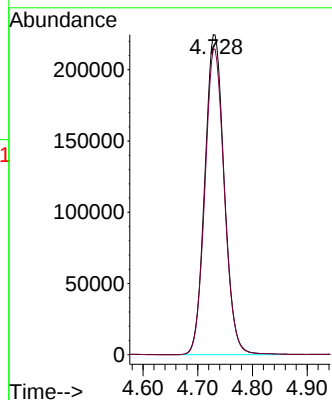


#31
Carbon tetrachloride
Concen: 46.726 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV035533.D
Acq: 06 May 2024 13:35

Instrument :
MSVOA_V
ClientSampleId :

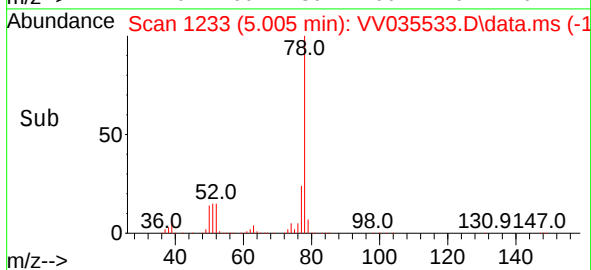
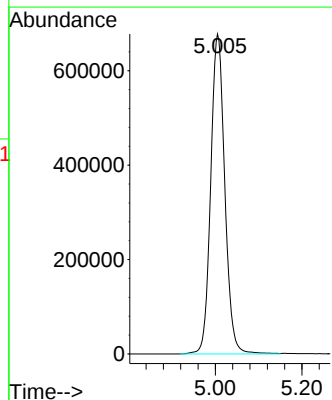
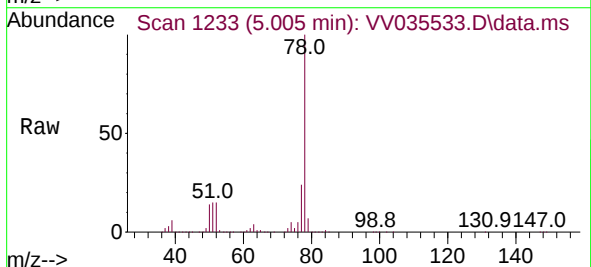


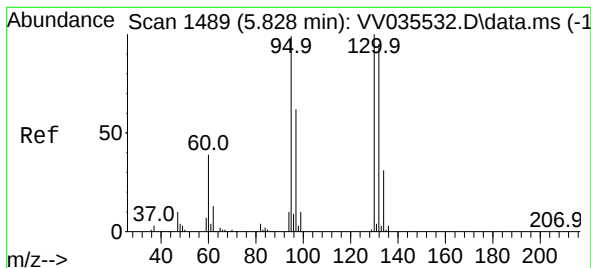
Tgt Ion:117 Resp: 552919
Ion Ratio Lower Upper
117 100
119 95.6 77.3 115.9



#33
Benzene
Concen: 47.530 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV035533.D
Acq: 06 May 2024 13:35

Tgt Ion: 78 Resp: 1530052





#34

Trichloroethene

Concen: 46.503 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

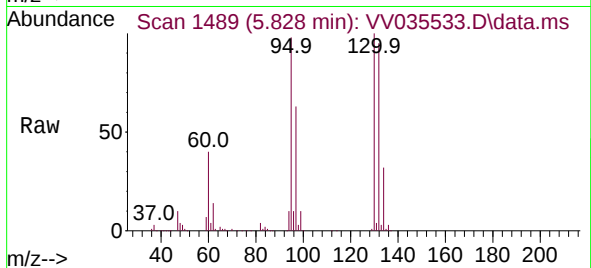
Lab File: VV035533.D

Acq: 06 May 2024 13:35

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 423450

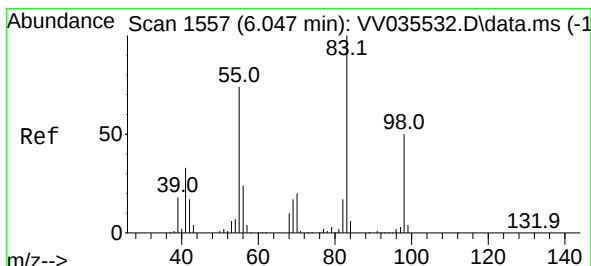
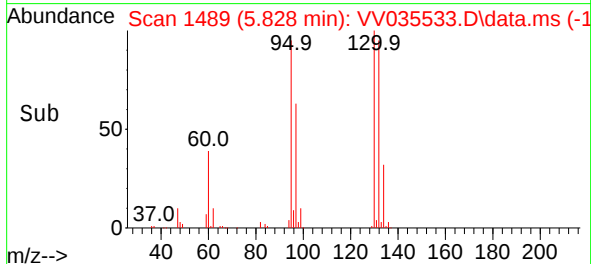
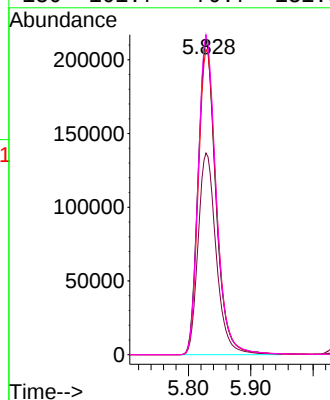
Ion Ratio Lower Upper

95 100

97 64.1 43.8 81.4

132 97.1 67.1 124.7

130 101.7 70.7 131.3



#35

Methylcyclohexane

Concen: 47.198 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

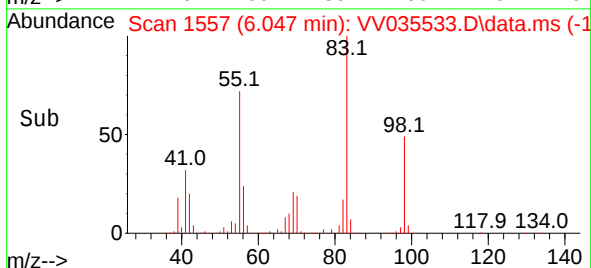
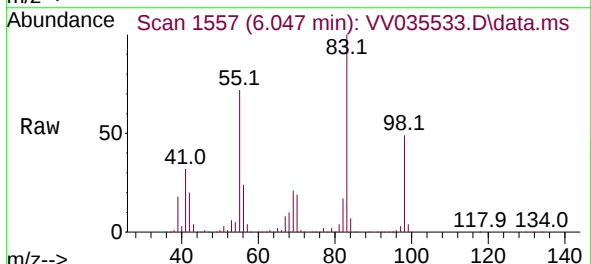
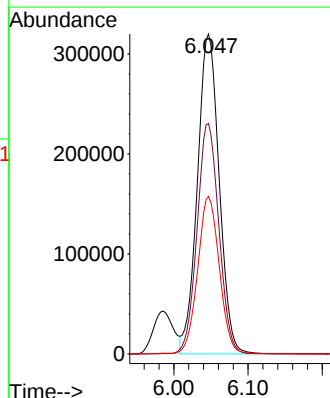
Tgt Ion: 83 Resp: 652491

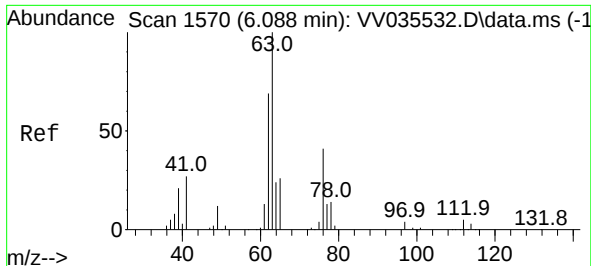
Ion Ratio Lower Upper

83 100

55 72.0 57.5 86.3

98 49.0 38.6 58.0

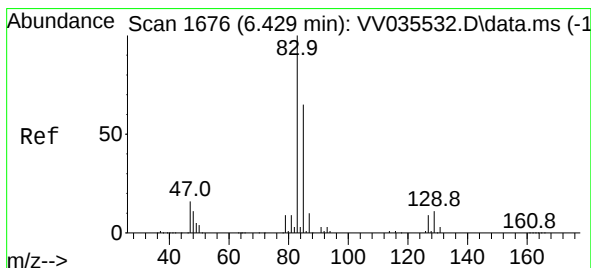
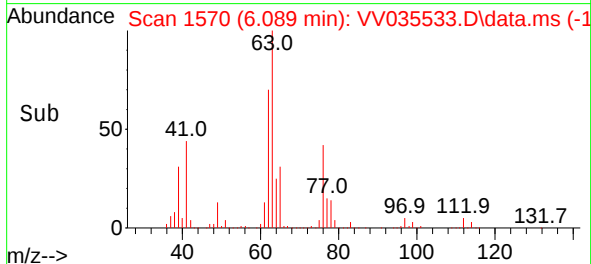
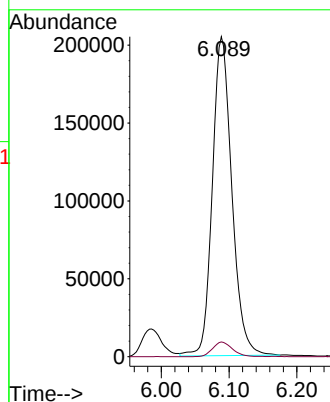
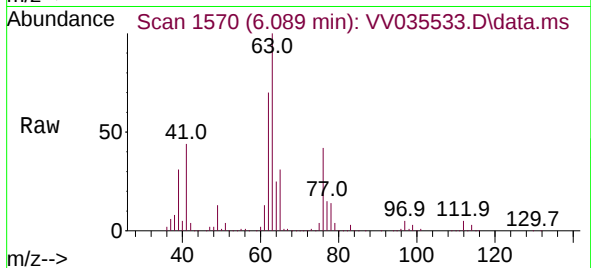




#37
1,2-Dichloropropane
Concen: 48.681 ug/L
RT: 6.089 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV035533.D
Acq: 06 May 2024 13:35

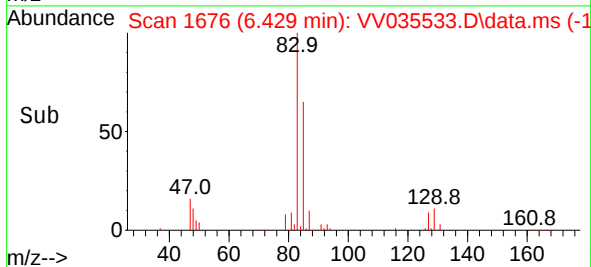
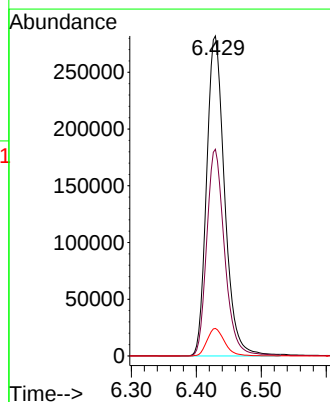
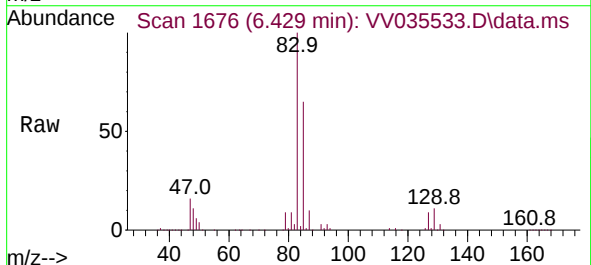
Instrument :
MSVOA_V
ClientSampleId :

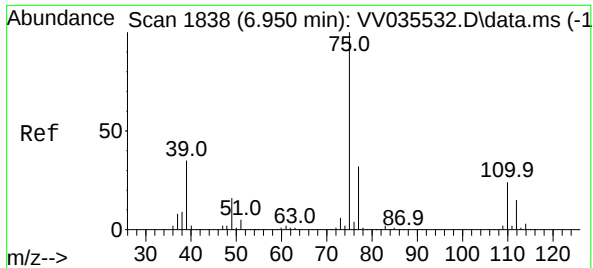
Tgt Ion: 63 Resp: 408862
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 47.902 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035533.D
Acq: 06 May 2024 13:35

Tgt Ion: 83 Resp: 545007
Ion Ratio Lower Upper
83 100
85 64.6 45.1 83.9
127 8.6 7.0 10.6

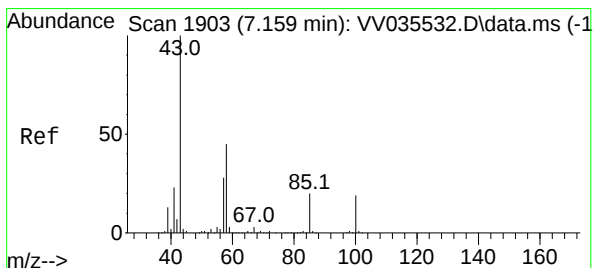
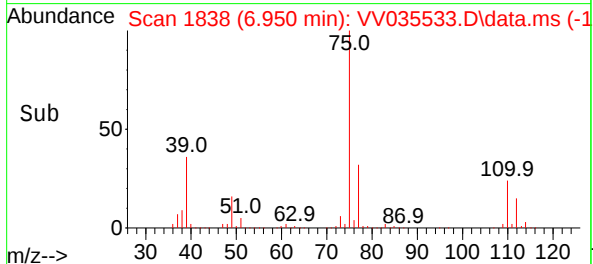
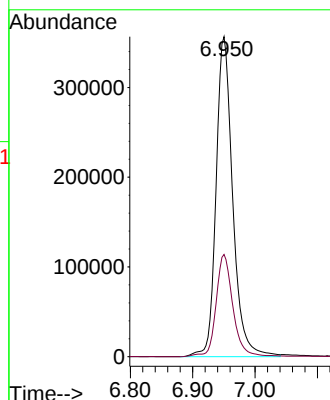
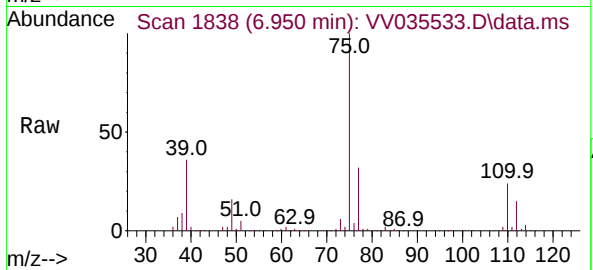




#39
 cis-1,3-Dichloropropene
 Concen: 50.354 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV035533.D
 Acq: 06 May 2024 13:35

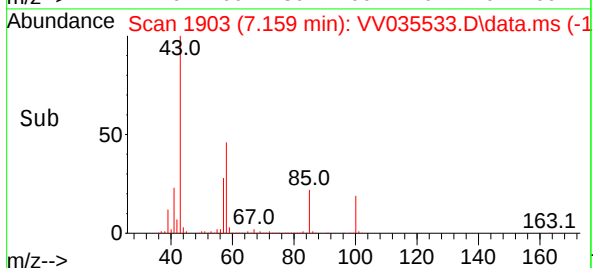
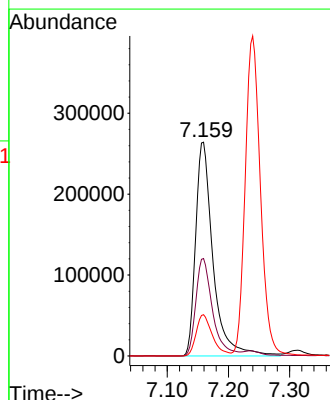
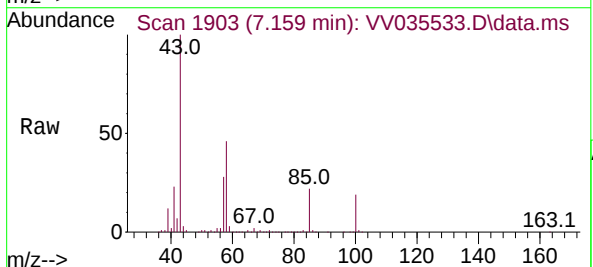
Instrument :
 MSVOA_V
 ClientSampleId :

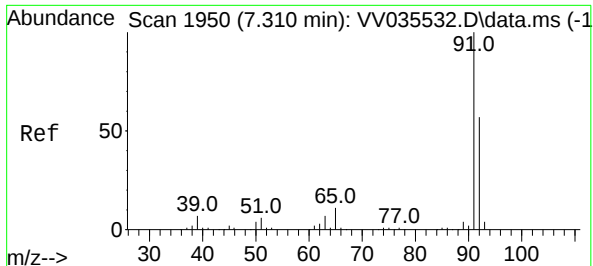
Tgt Ion: 75 Resp: 661478
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 105.519 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VV035533.D
 Acq: 06 May 2024 13:35

Tgt Ion: 43 Resp: 522805
 Ion Ratio Lower Upper
 43 100
 58 43.7 34.8 52.2
 100 18.1 13.9 20.9





#42

Toluene

Concen: 49.048 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

Instrument :

MSVOA_V

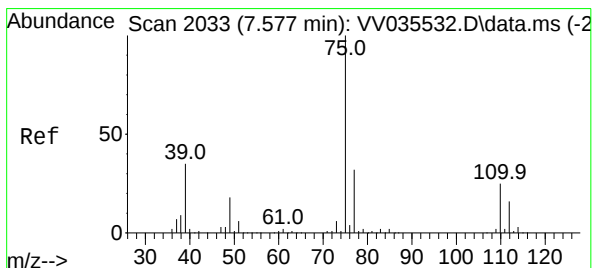
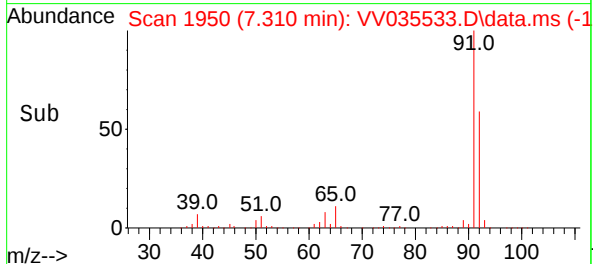
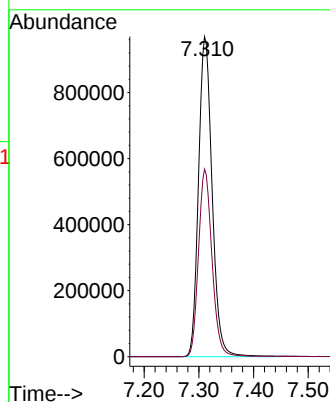
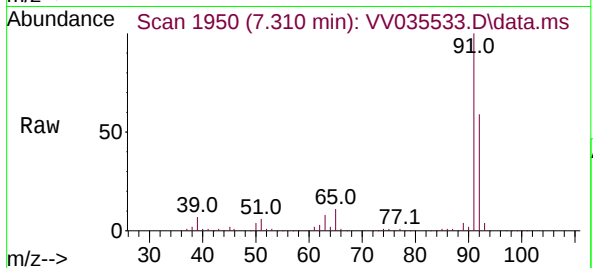
ClientSampleId :

Tgt Ion: 91 Resp: 1670948

Ion Ratio Lower Upper

91 100

92 58.6 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 50.582 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035533.D

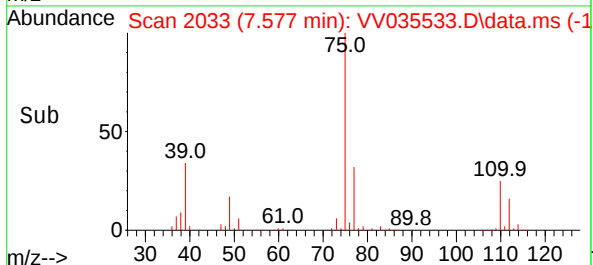
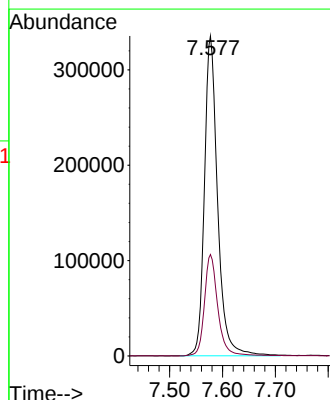
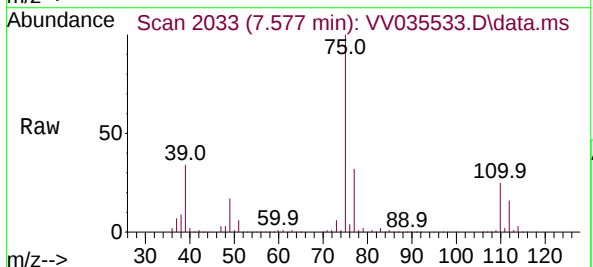
Acq: 06 May 2024 13:35

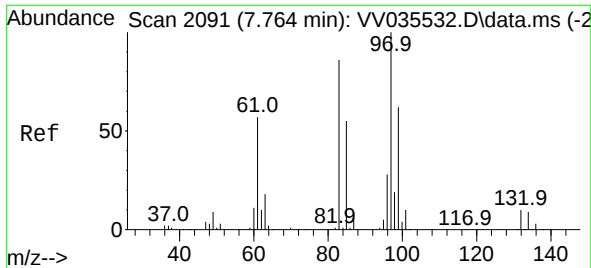
Tgt Ion: 75 Resp: 581267

Ion Ratio Lower Upper

75 100

77 31.7 22.4 41.6

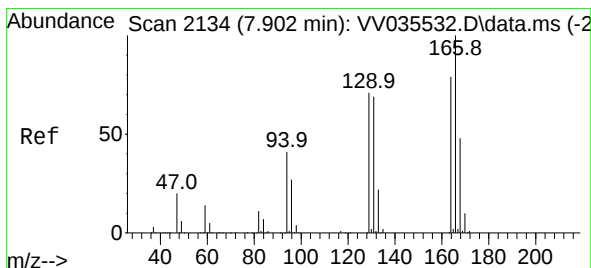
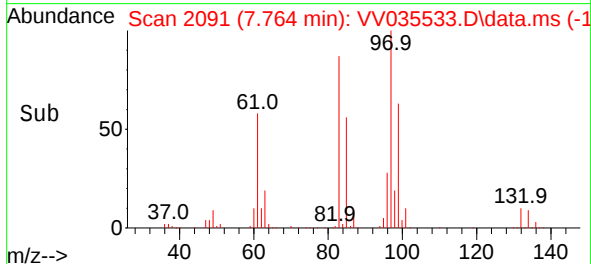
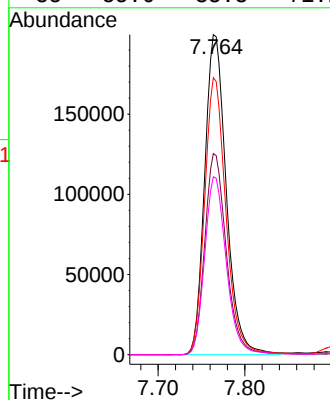
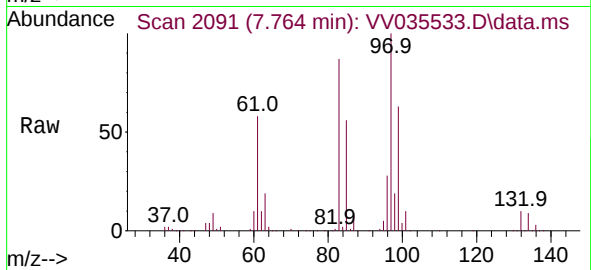




#45
1,1,2-Trichloroethane
Concen: 48.551 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV035533.D
Acq: 06 May 2024 13:35

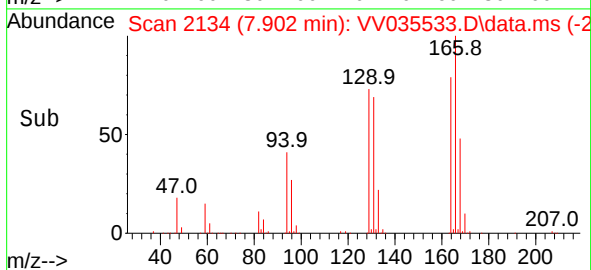
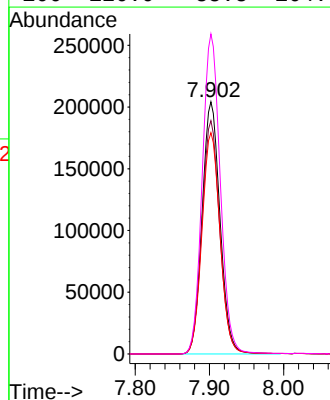
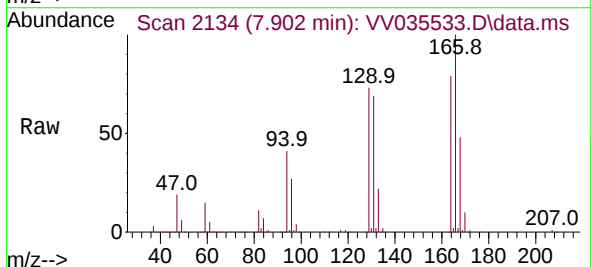
Instrument :
MSVOA_V
ClientSampleId :

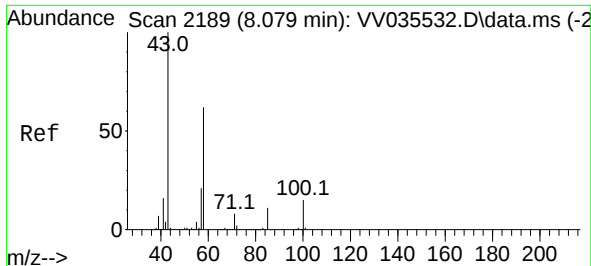
Tgt Ion:	97	Resp:	346472
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.3	80.3
83	86.5	60.3	111.9
85	55.6	38.3	71.1



#46
Tetrachloroethene
Concen: 46.259 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035533.D
Acq: 06 May 2024 13:35

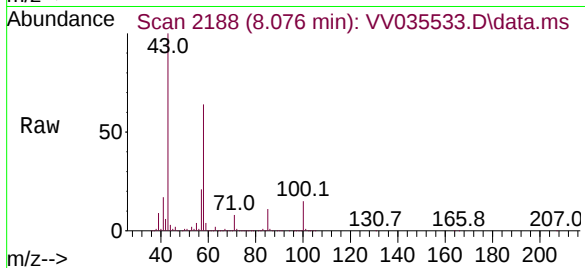
Tgt Ion:	164	Resp:	342214
Ion	Ratio	Lower	Upper
164	100		
129	92.5	63.4	117.8
131	87.8	61.0	113.4
166	126.9	88.8	164.8



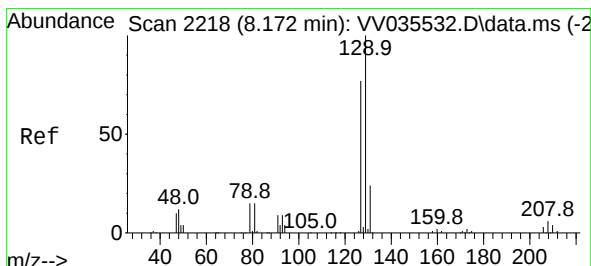
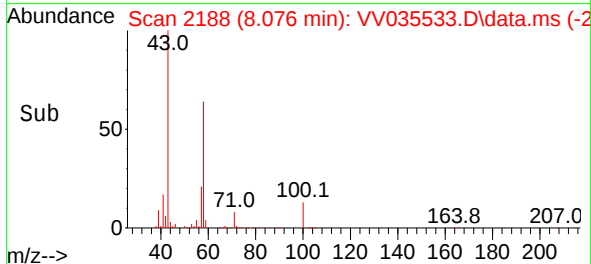
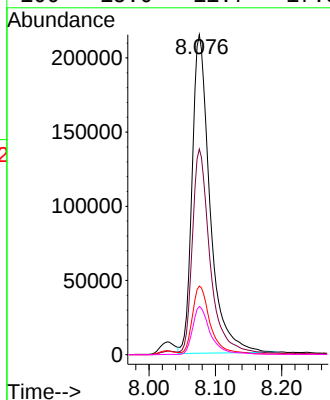


#48
2-Hexanone
Concen: 108.746 ug/L
RT: 8.076 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV035533.D
Acq: 06 May 2024 13:35

Instrument :
MSVOA_V
ClientSampleId :

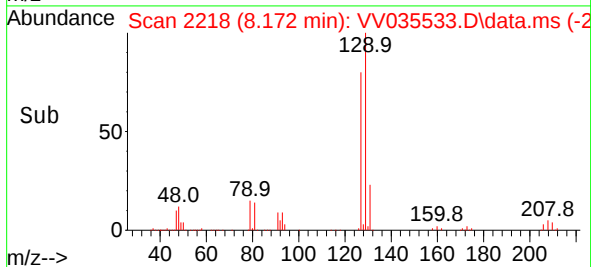
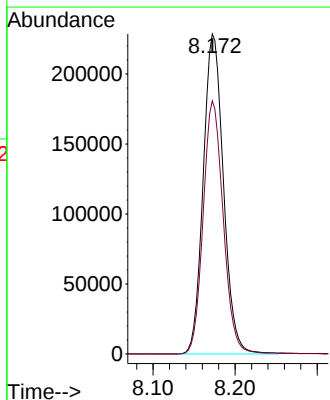
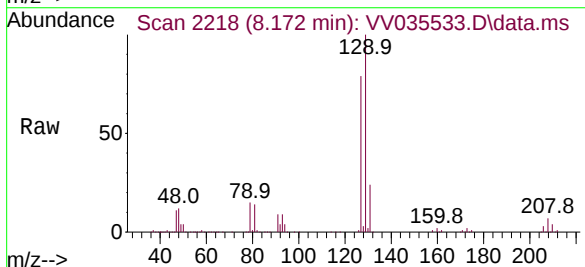


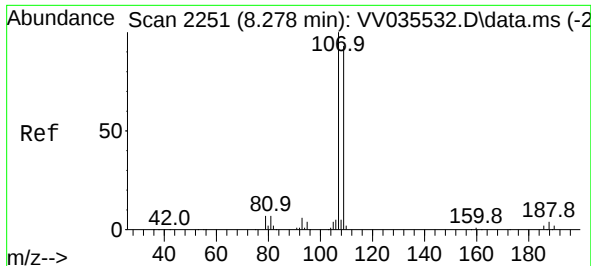
Tgt Ion: 43 Resp: 402392
Ion Ratio Lower Upper
43 100
58 63.3 48.8 73.2
57 21.2 16.9 25.3
100 15.0 11.7 17.5



#49
Dibromochloromethane
Concen: 48.592 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV035533.D
Acq: 06 May 2024 13:35

Tgt Ion: 129 Resp: 391276
Ion Ratio Lower Upper
129 100
127 79.1 53.8 99.8

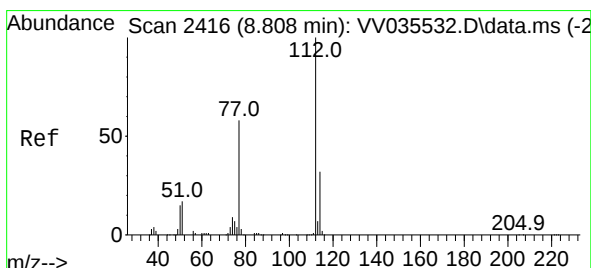
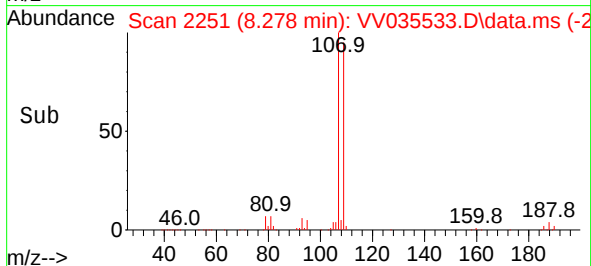
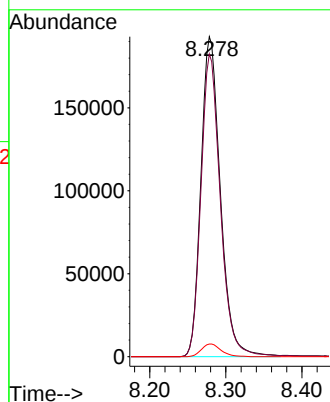
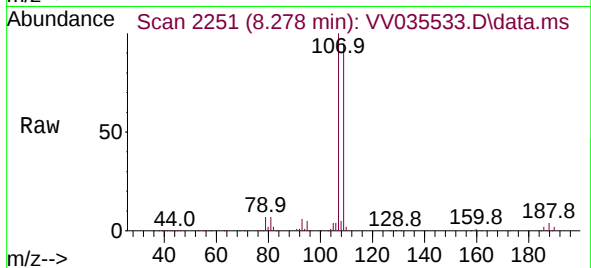




#50
1,2-Dibromoethane
Concen: 48.722 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035533.D
Acq: 06 May 2024 13:35

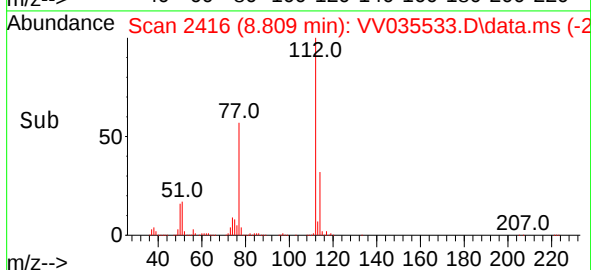
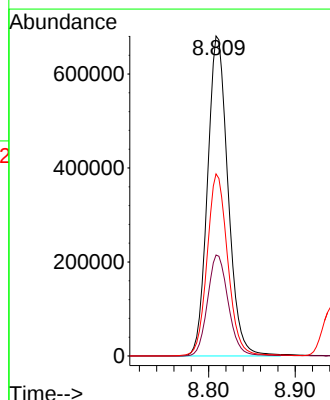
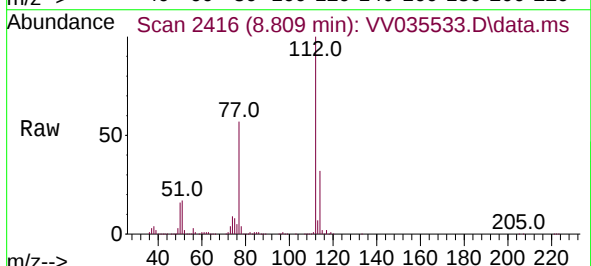
Instrument :
MSVOA_V
ClientSampleId :

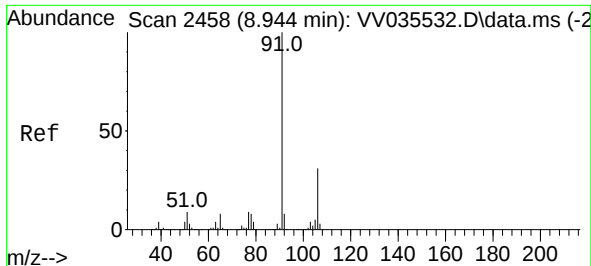
Tgt Ion:107 Resp: 342528
Ion Ratio Lower Upper
107 100
109 94.6 65.4 121.4
188 4.0 2.9 4.3



#51
Chlorobenzene
Concen: 47.338 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV035533.D
Acq: 06 May 2024 13:35

Tgt Ion:112 Resp: 1119001
Ion Ratio Lower Upper
112 100
114 31.6 22.5 41.7
77 56.9 46.6 69.8





#52

Ethylbenzene

Concen: 50.341 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

Instrument :

MSVOA_V

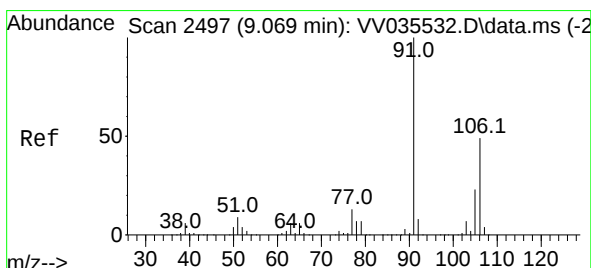
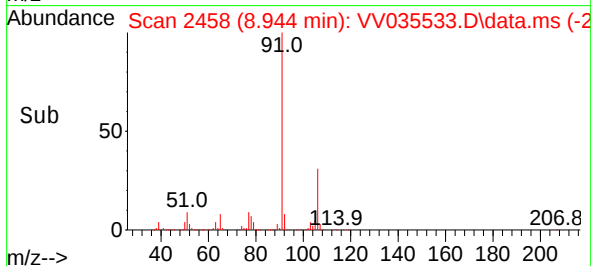
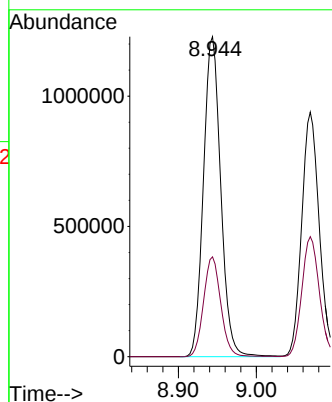
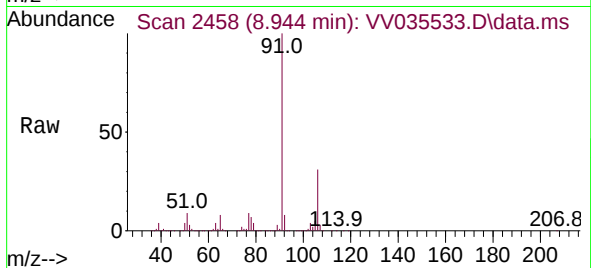
ClientSampleId :

Tgt Ion: 91 Resp: 1893522

Ion Ratio Lower Upper

91 100

106 31.2 21.7 40.3



#53

m,p-Xylene

Concen: 50.618 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV035533.D

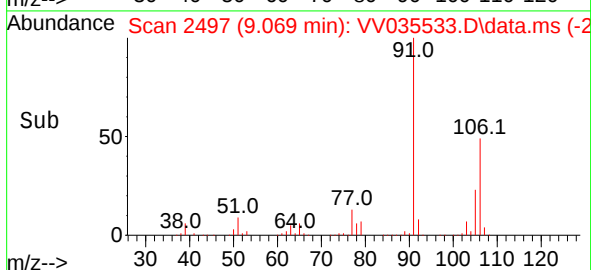
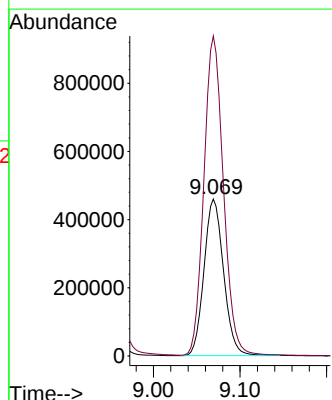
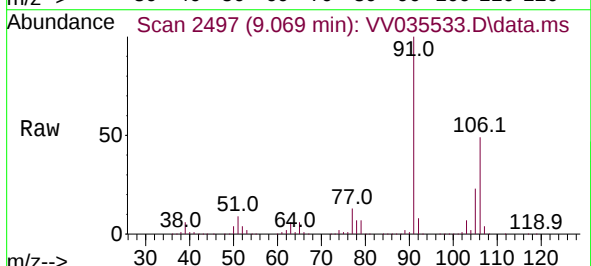
Acq: 06 May 2024 13:35

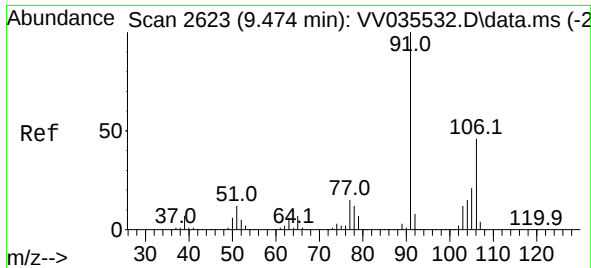
Tgt Ion: 106 Resp: 722343

Ion Ratio Lower Upper

106 100

91 203.8 142.7 264.9

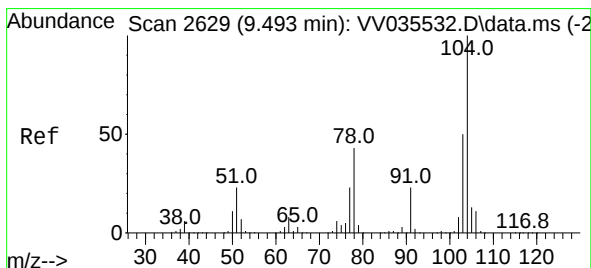
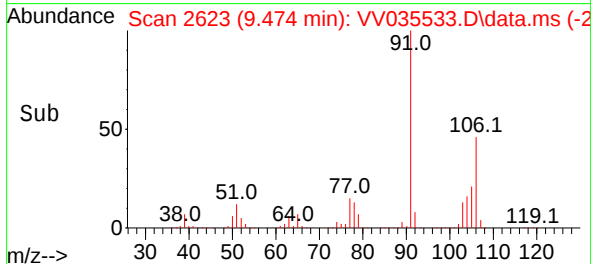
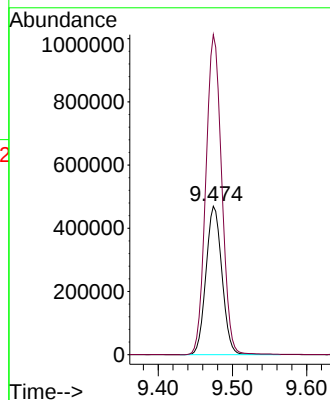
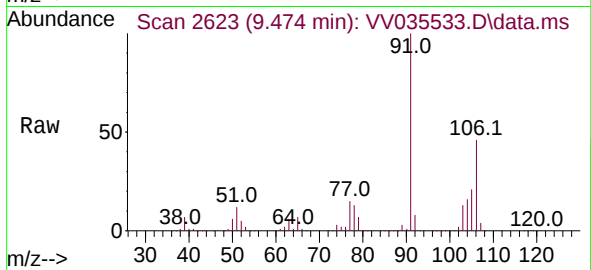




#54
o-Xylene
Concen: 51.727 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV035533.D
Acq: 06 May 2024 13:35

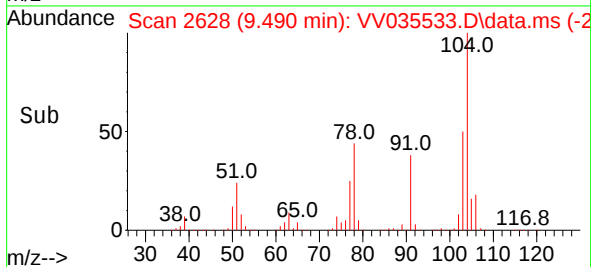
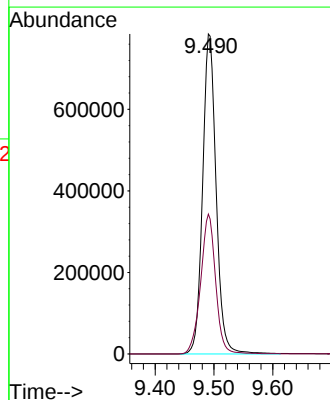
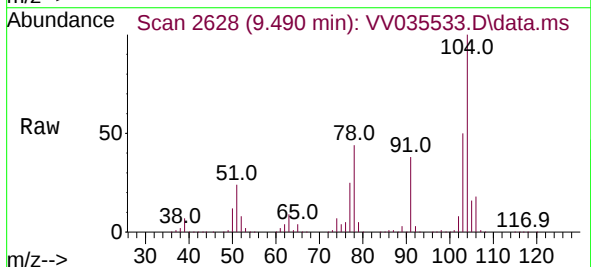
Instrument :
MSVOA_V
ClientSampleId :

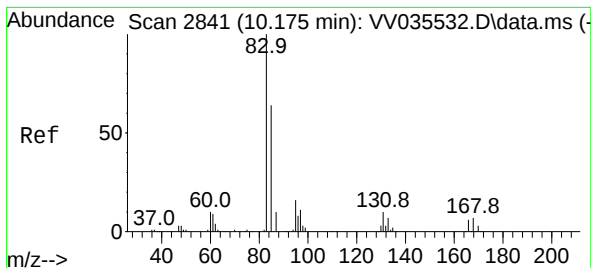
Tgt Ion	Ratio	Lower	Upper
106	100		
91	215.5	150.9	280.3



#55
Styrene
Concen: 53.112 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.003 min
Lab File: VV035533.D
Acq: 06 May 2024 13:35

Tgt Ion	Ratio	Lower	Upper
104	100		
78	43.7	30.0	55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 49.987 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

Instrument :

MSVOA_V

ClientSampleId :

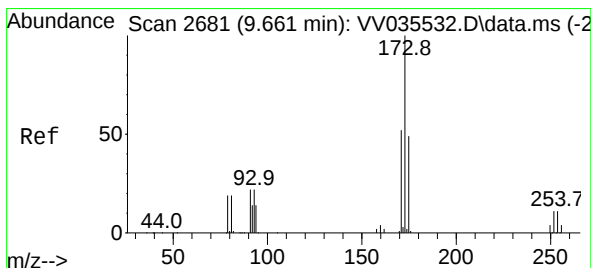
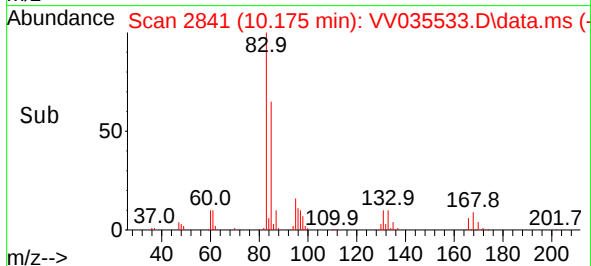
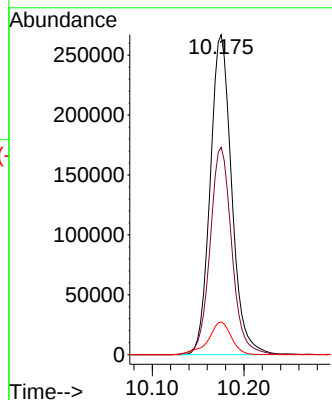
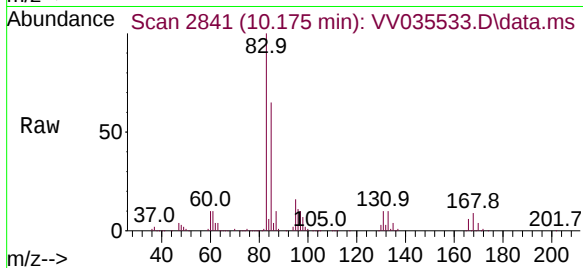
Tgt Ion: 83 Resp: 434531

Ion Ratio Lower Upper

83 100

85 64.8 44.7 83.1

131 10.2 8.0 12.0



#59

Bromoform

Concen: 48.757 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

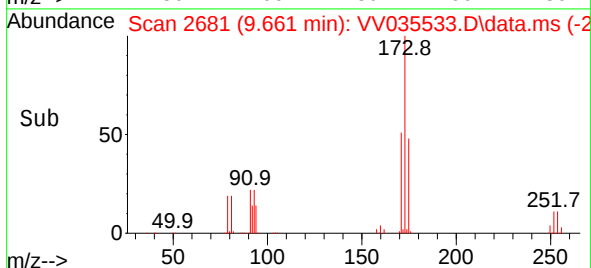
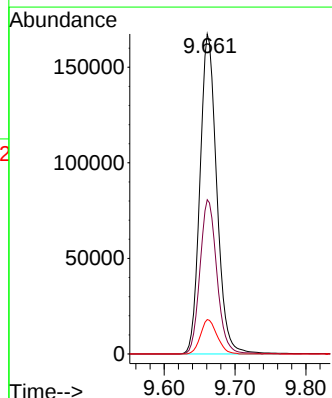
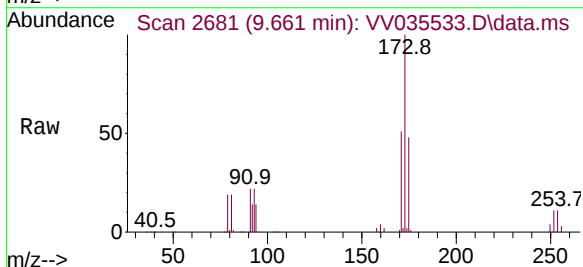
Tgt Ion:173 Resp: 275061

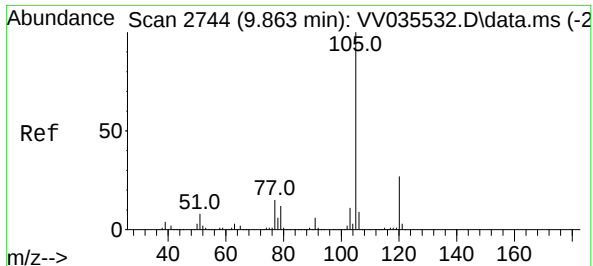
Ion Ratio Lower Upper

173 100

175 48.5 38.7 58.1

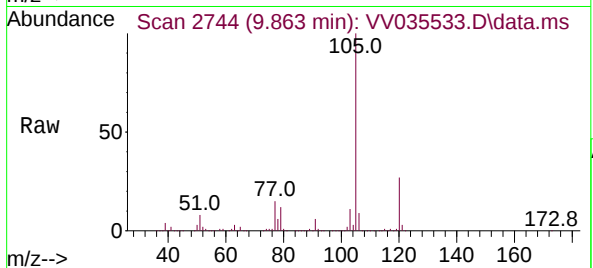
254 10.6 8.3 12.5



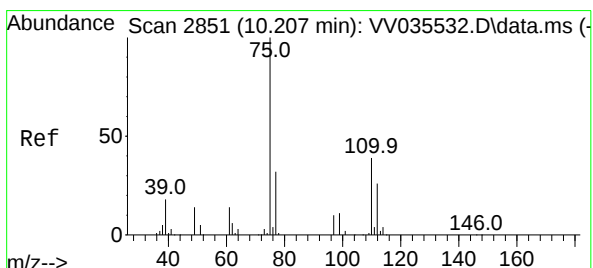
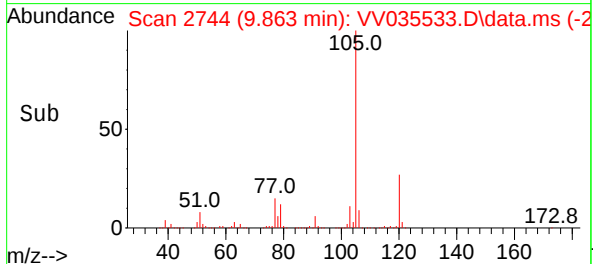
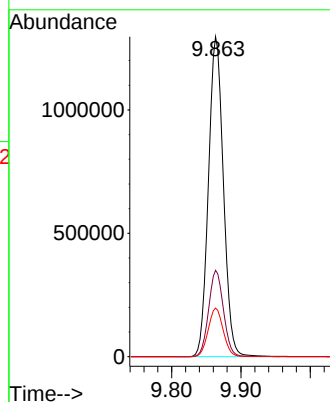


#60
Isopropylbenzene
Concen: 50.621 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VV035533.D
Acq: 06 May 2024 13:35

Instrument :
MSVOA_V
ClientSampleId :

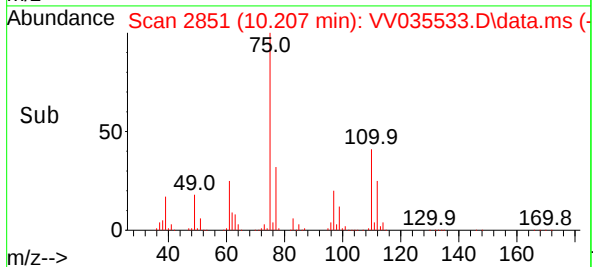
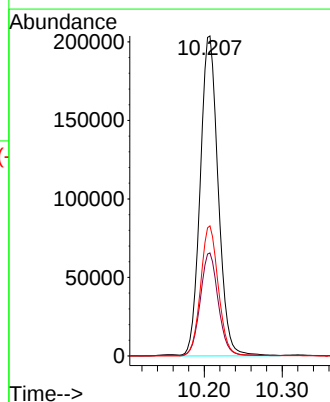
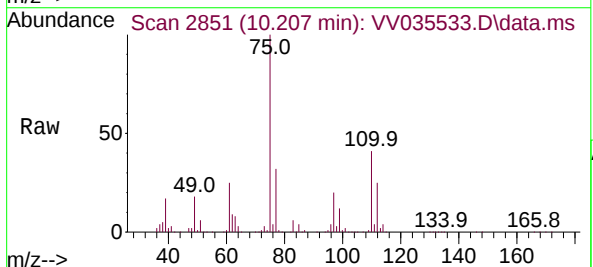


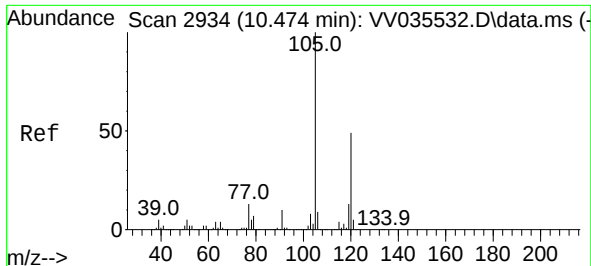
Tgt Ion:105 Resp: 1935690
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 48.413 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035533.D
Acq: 06 May 2024 13:35

Tgt Ion: 75 Resp: 325667
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
110 40.3 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 53.800 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

Instrument :

MSVOA_V

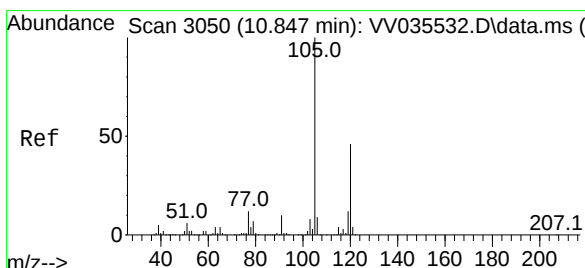
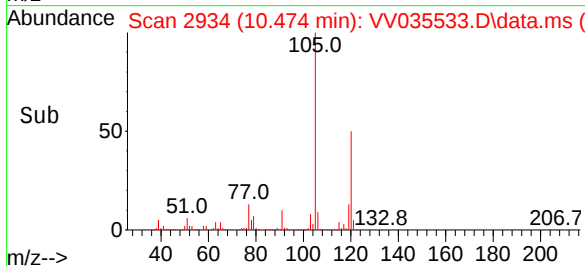
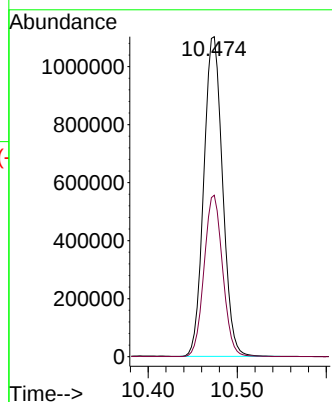
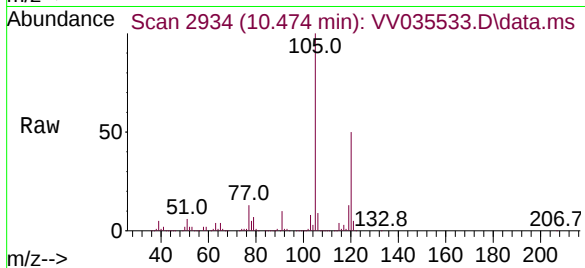
ClientSampleId :

Tgt Ion:105 Resp: 1613858

Ion Ratio Lower Upper

105 100

120 49.9 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 52.572 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV035533.D

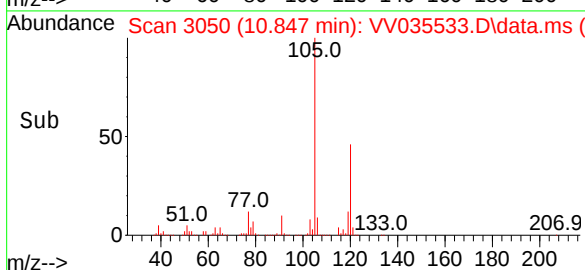
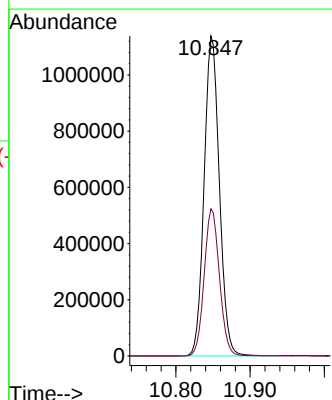
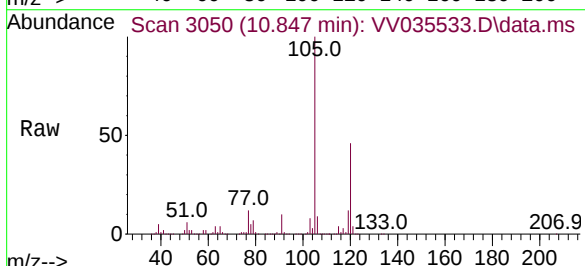
Acq: 06 May 2024 13:35

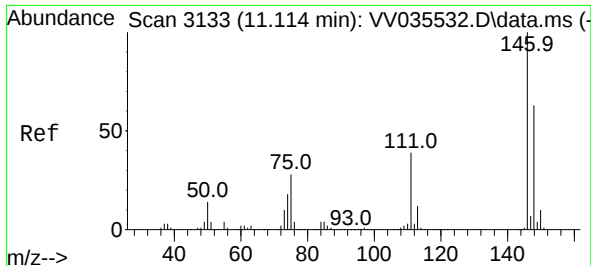
Tgt Ion:105 Resp: 1620608

Ion Ratio Lower Upper

105 100

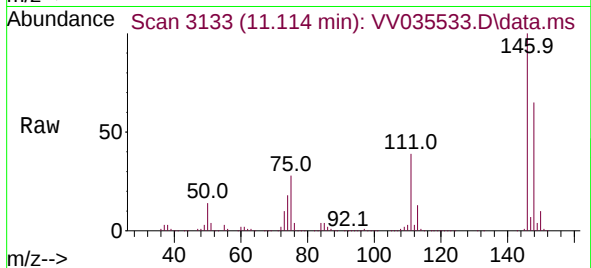
120 46.1 36.6 55.0



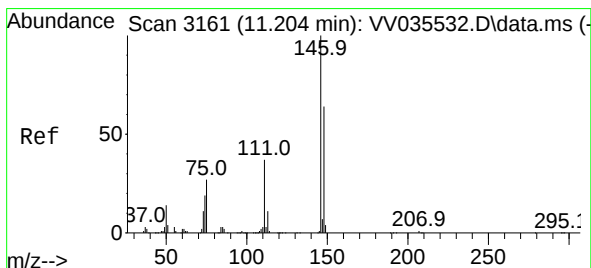
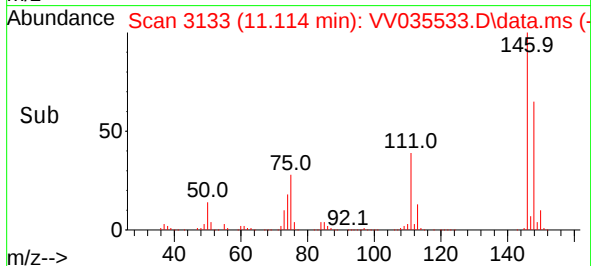
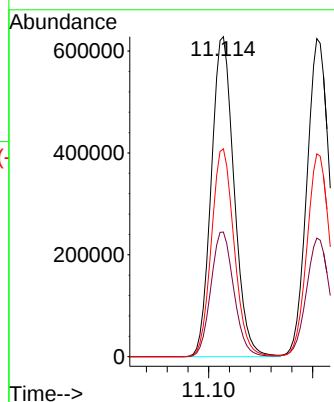


#64
1,3-Dichlorobenzene
Concen: 47.757 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV035533.D
Acq: 06 May 2024 13:35

Instrument :
MSVOA_V
ClientSampleId :

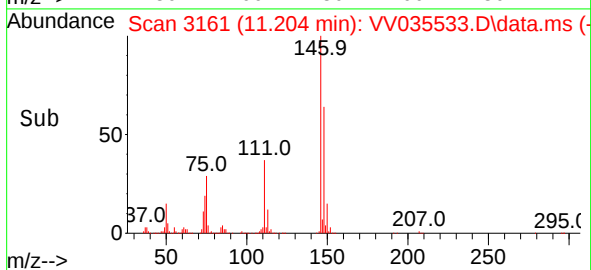
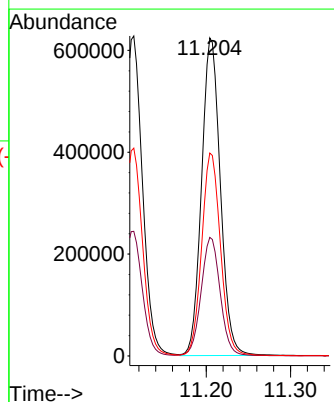
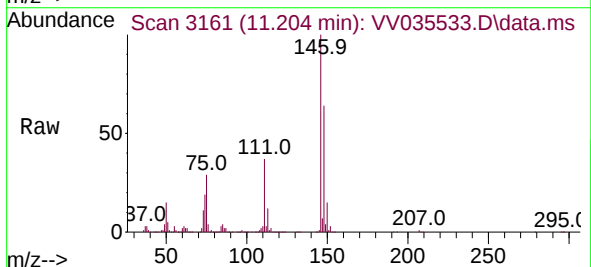


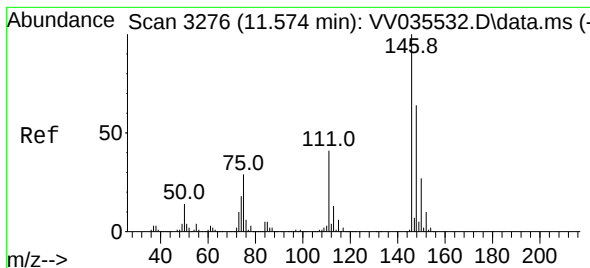
Tgt Ion:146 Resp: 958374
Ion Ratio Lower Upper
146 100
111 39.0 27.0 50.2
148 65.0 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 46.641 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV035533.D
Acq: 06 May 2024 13:35

Tgt Ion:146 Resp: 968964
Ion Ratio Lower Upper
146 100
111 37.3 26.2 48.6
148 63.8 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 47.498 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

Instrument :

MSVOA_V

ClientSampleId :

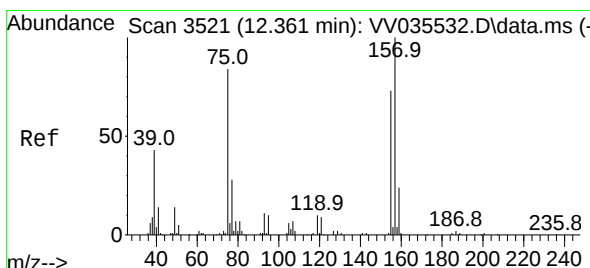
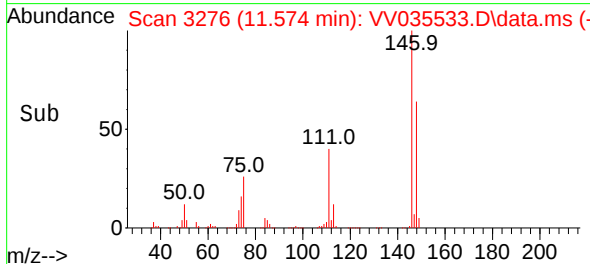
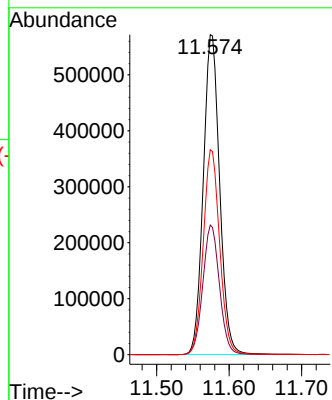
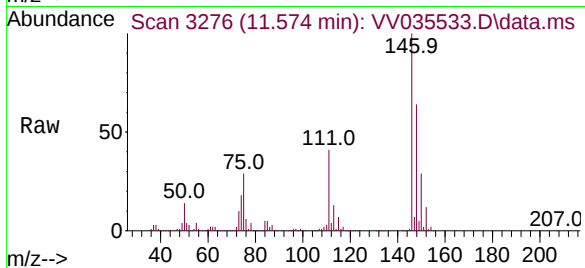
Tgt Ion:146 Resp: 897246

Ion Ratio Lower Upper

146 100

111 40.5 32.6 48.8

148 64.0 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 50.483 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

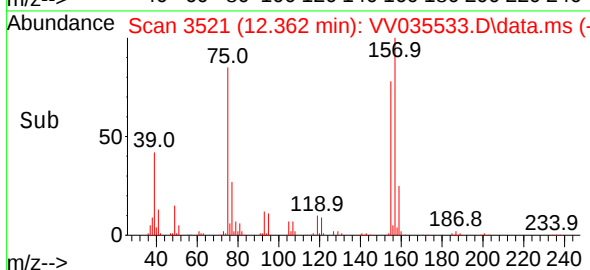
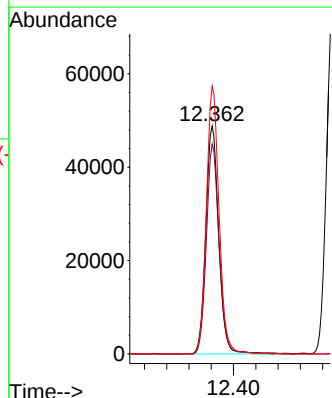
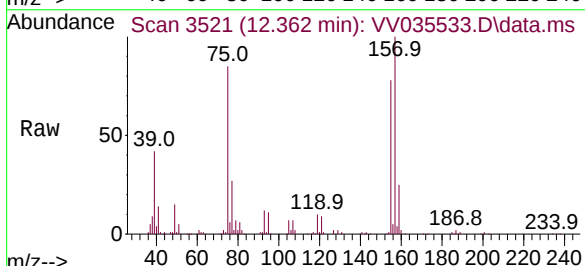
Tgt Ion: 75 Resp: 78759

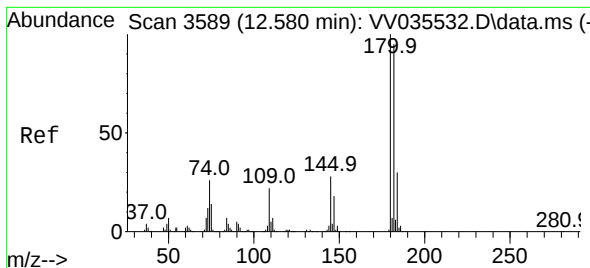
Ion Ratio Lower Upper

75 100

155 92.2 69.8 104.6

157 117.6 95.0 142.6





#69

1,3,5-Trichlorobenzene

Concen: 48.122 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.003 min

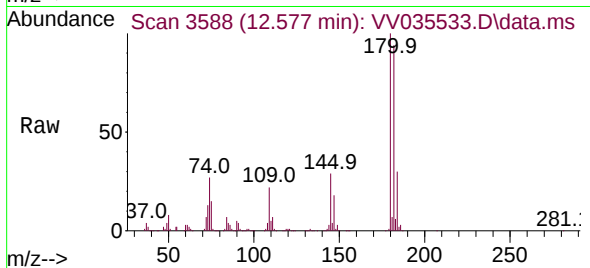
Lab File: VV035533.D

Acq: 06 May 2024 13:35

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 754644

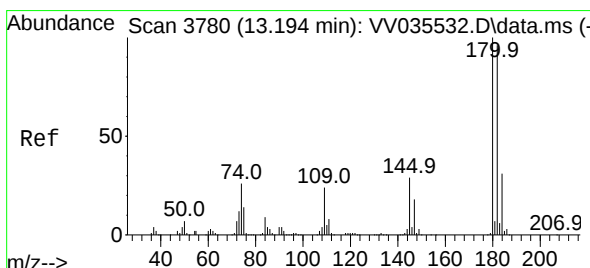
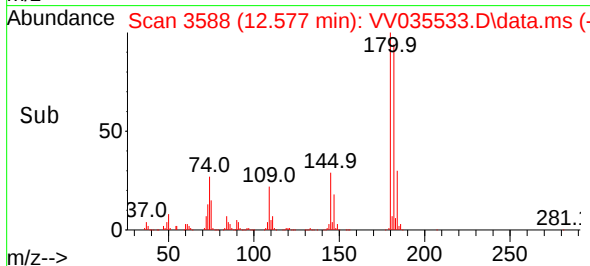
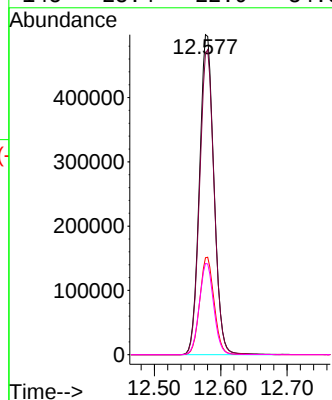
Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.2

184 30.3 24.1 36.1

145 28.4 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 49.253 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

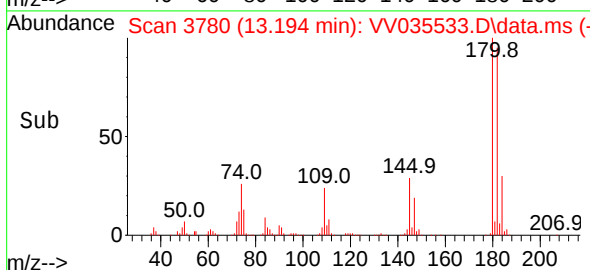
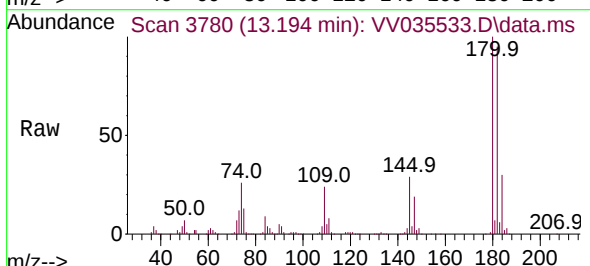
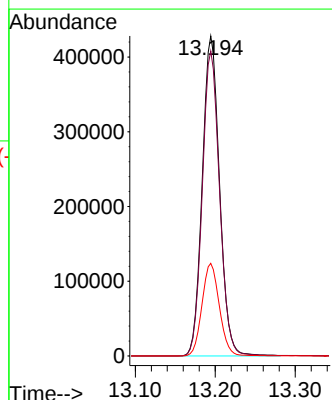
Tgt Ion:180 Resp: 644955

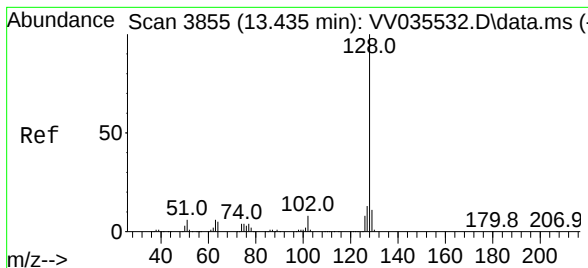
Ion Ratio Lower Upper

180 100

182 95.4 76.6 114.8

145 29.1 23.2 34.8





#71

Naphthalene

Concen: 52.212 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

Instrument :

MSVOA_V

ClientSampleId :

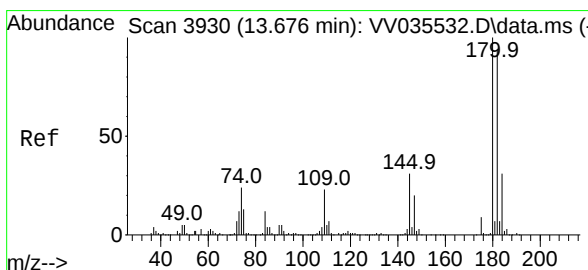
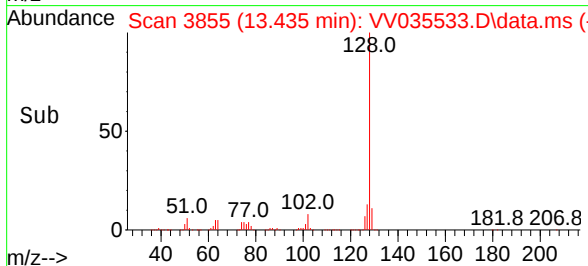
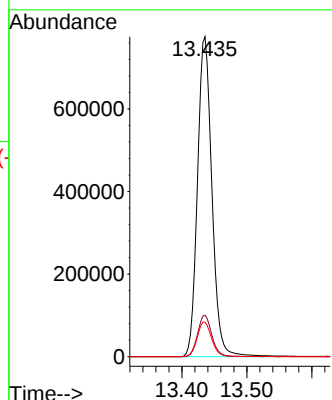
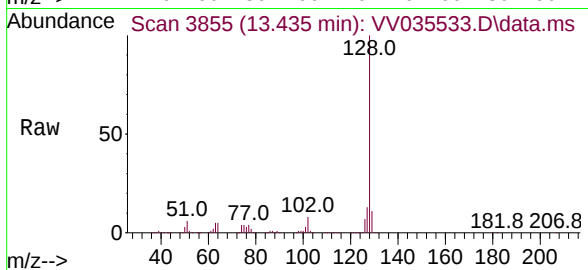
Tgt Ion:128 Resp: 1200253

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 50.135 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035533.D

Acq: 06 May 2024 13:35

Tgt Ion:180 Resp: 590587

Ion Ratio Lower Upper

180 100

182 95.7 75.8 113.6

145 31.4 25.2 37.8

