

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030724\
 Data File : VV034510.D
 Acq On : 06 Mar 2024 15:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 07 04:28:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 22:18:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	312156	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	289958	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	148750	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	112032	41.400	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.800%
7) Chloroethane-d5	1.526	69	92804	44.020	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.040%
11) 1,1-Dichloroethene-d2	2.056	65	50565	41.318	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.640%
21) 2-Butanone-d5	3.783	46	194744	107.614	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.610%
24) Chloroform-d	4.246	84	224284	46.876	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.760%
26) 1,2-Dichloroethane-d4	4.940	65	147389	47.140	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.280%
32) Benzene-d6	4.957	84	403099	46.063	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.120%
36) 1,2-Dichloropropane-d6	5.989	67	125791	47.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.200%
41) Toluene-d8	7.243	98	360814	45.562	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.120%
43) trans-1,3-Dichloroprop...	7.551	79	59701	44.516	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.040%
47) 2-Hexanone-d5	8.021	63	143543	107.636	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.640%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	169704	48.287	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.580%
66) 1,2-Dichlorobenzene-d4	11.561	152	136203	44.796	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	161468	49.314	ug/L	98
3) Chloromethane	1.214	50	147604	45.877	ug/L	100
5) Vinyl chloride	1.281	62	147444	47.211	ug/L	99
6) Bromomethane	1.481	94	86783	46.313	ug/L	100
8) Chloroethane	1.545	64	87714	47.252	ug/L	97
9) Trichlorofluoromethane	1.709	101	223510	47.790	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	120088	47.641	ug/L	99
12) 1,1-Dichloroethene	2.066	96	108704	46.506	ug/L	99
13) Acetone	2.114	43	178593	82.093	ug/L	99
14) Carbon disulfide	2.236	76	309719	47.745	ug/L	99
15) Methyl Acetate	2.371	43	150390	54.035	ug/L	100
16) Methylene chloride	2.442	84	122466	49.394	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	110910	49.024	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	406430	50.025	ug/L	100
19) 1,1-Dichloroethane	3.108	63	226207	51.042	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	123255	50.213	ug/L	97
22) 2-Butanone	3.867	43	204274	95.088	ug/L	97
23) Bromochloromethane	4.143	128	64381	50.722	ug/L	96
25) Chloroform	4.275	83	227040	49.426	ug/L	100

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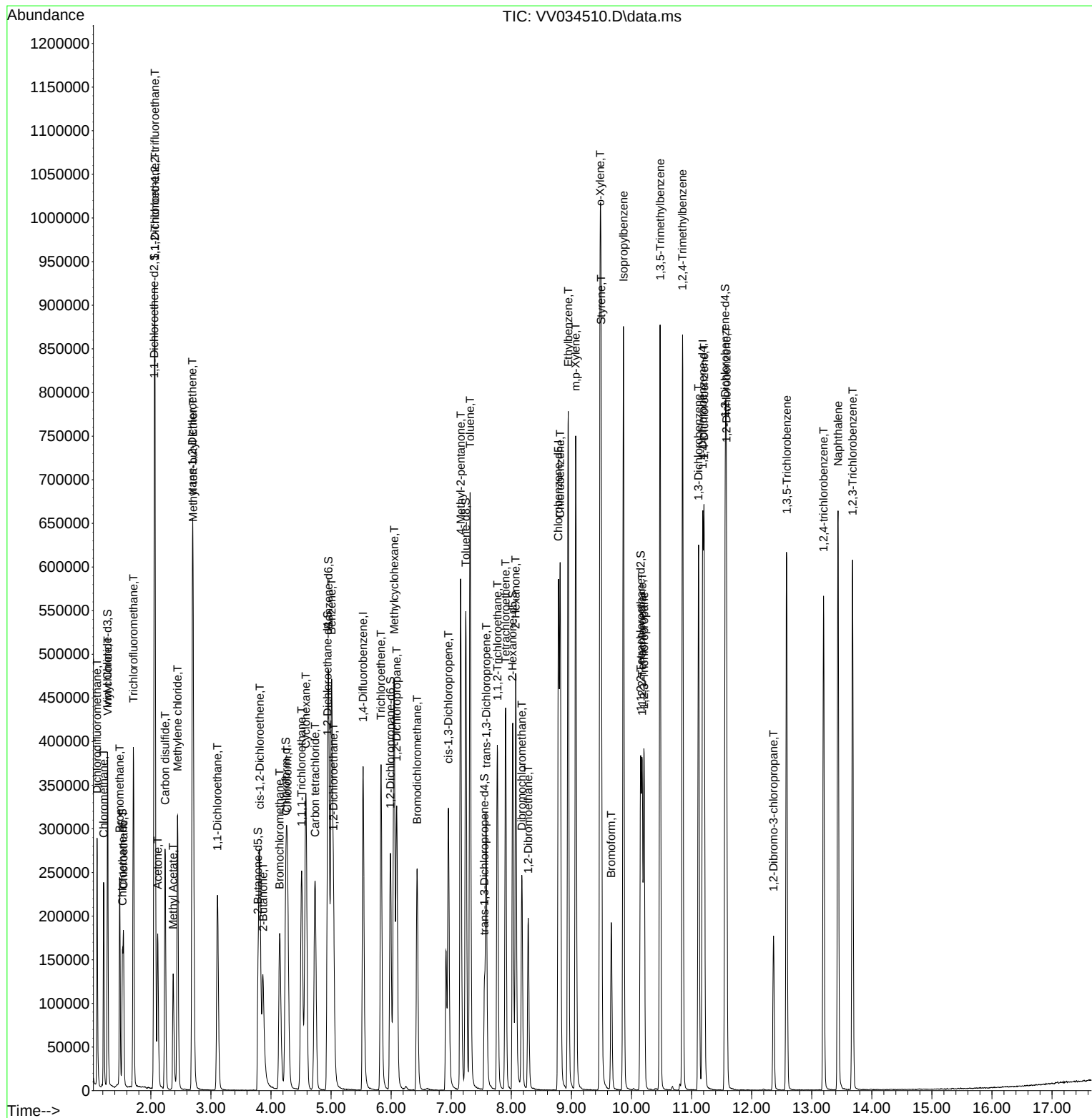
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	189022	50.648	ug/L	97
29) Cyclohexane	4.580	56	192250	50.408	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	207185	49.829	ug/L	100
31) Carbon tetrachloride	4.735	117	182120	49.472	ug/L	100
33) Benzene	5.008	78	454354	50.482	ug/L	100
34) Trichloroethene	5.831	95	128611	50.271	ug/L	97
35) Methylcyclohexane	6.050	83	196499	50.522	ug/L	100
37) 1,2-Dichloropropane	6.092	63	123715	52.502	ug/L	99
38) Bromodichloromethane	6.432	83	165521	49.939	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	188055	49.258	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	383195	110.285	ug/L	99
42) Toluene	7.313	91	478006	50.182	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	180146	49.062	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	118427	52.089	ug/L	100
46) Tetrachloroethene	7.905	164	93979	49.394	ug/L	98
48) 2-Hexanone	8.072	43	301232	108.799	ug/L	99
49) Dibromochloromethane	8.175	129	120732	50.321	ug/L	98
50) 1,2-Dibromoethane	8.281	107	123275	51.096	ug/L	99
51) Chlorobenzene	8.812	112	307195	49.886	ug/L	99
52) Ethylbenzene	8.947	91	536665	50.282	ug/L	99
53) m,p-Xylene	9.072	106	200688	49.550	ug/L	99
54) o-Xylene	9.477	106	196611	49.574	ug/L	95
55) Styrene	9.497	104	346032	51.531	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	167343	49.005	ug/L	99
59) Bromoform	9.664	173	80675	48.918	ug/L	97
60) Isopropylbenzene	9.866	105	534635	50.819	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	148594	52.332	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	448249	50.510	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	449485	51.211	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	242990	49.955	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	241528	48.896	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	238009	48.831	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	45088	53.306	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	179107	49.083	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	164582	50.125	ug/L	99
71) Naphthalene	13.439	128	506799	57.702	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	170422	53.205	ug/L	99

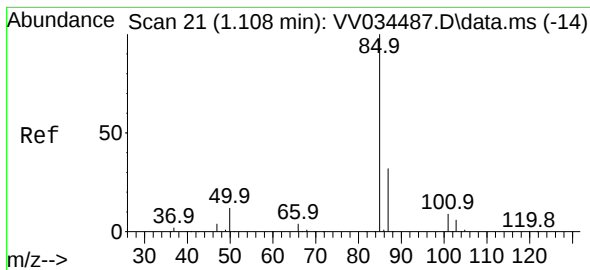
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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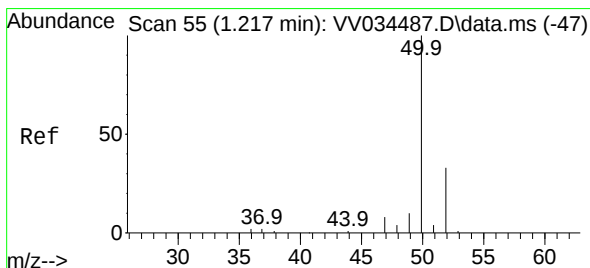
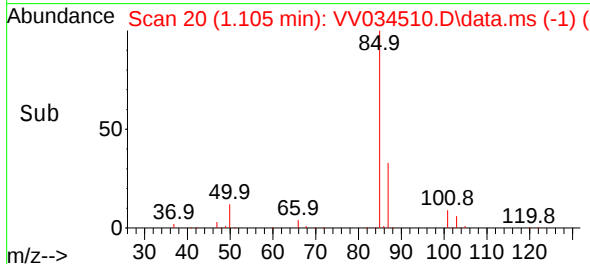
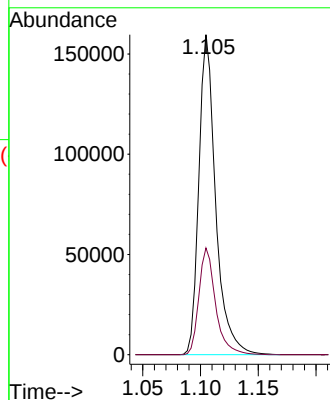
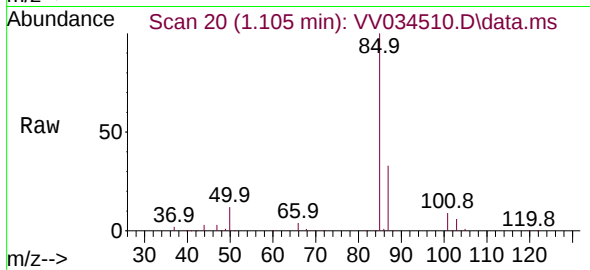




#2
 Dichlorodifluoromethane
 Concen: 49.314 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV034510.D
 Acq: 06 Mar 2024 15:17

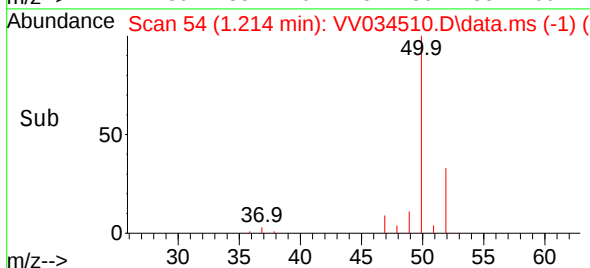
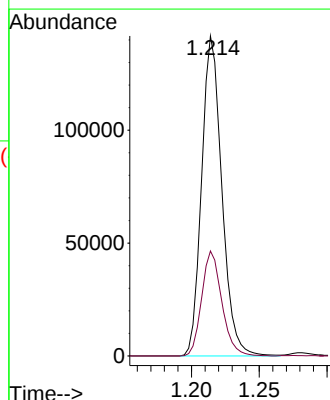
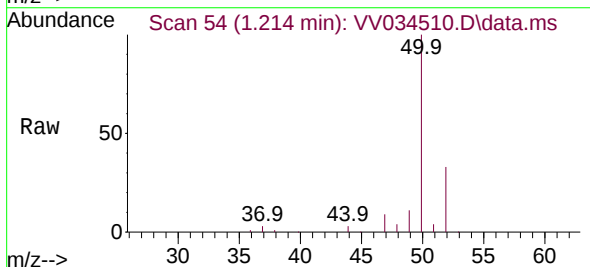
Instrument :
 MSVOA_V
 ClientSampleId :

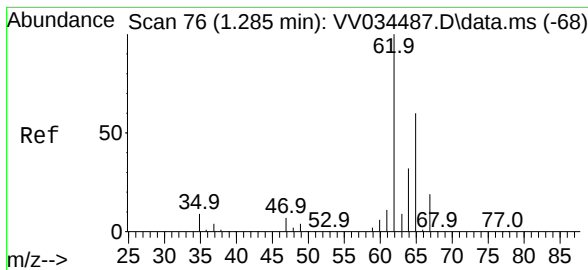
Tgt Ion: 85 Resp: 161468
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.5 38.3



#3
 Chloromethane
 Concen: 45.877 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV034510.D
 Acq: 06 Mar 2024 15:17

Tgt Ion: 50 Resp: 147604
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.0 42.8





#5

Vinyl chloride

Concen: 47.211 ug/L

RT: 1.281 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

Instrument :

MSVOA_V

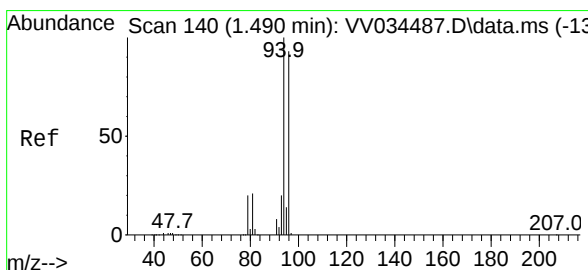
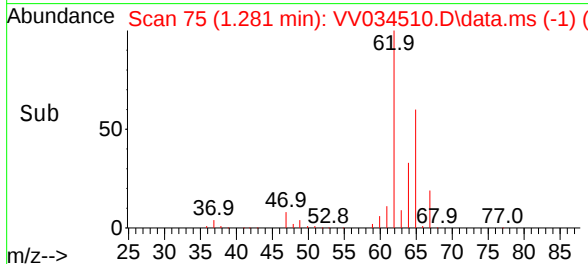
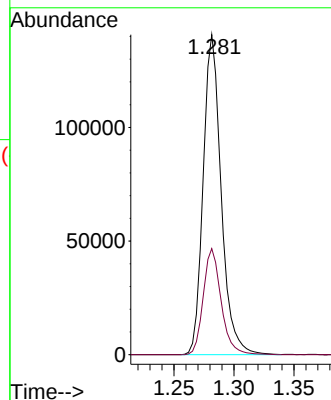
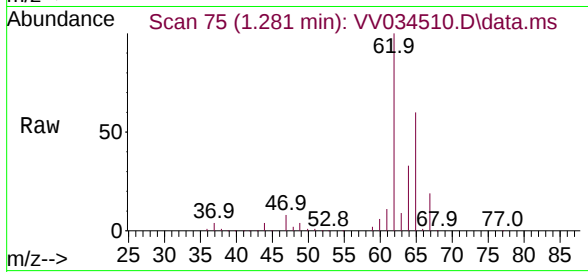
ClientSampleId :

Tgt Ion: 62 Resp: 147444

Ion Ratio Lower Upper

62 100

64 33.2 23.4 43.6



#6

Bromomethane

Concen: 46.313 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.010 min

Lab File: VV034510.D

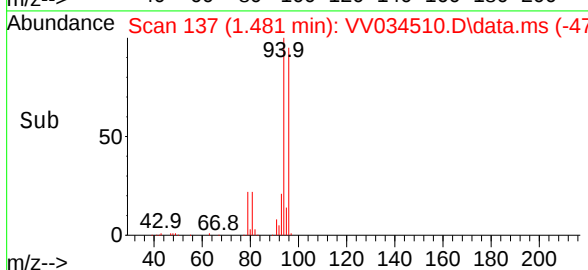
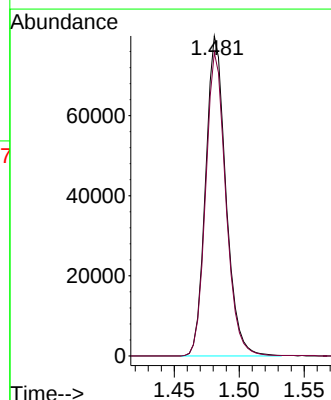
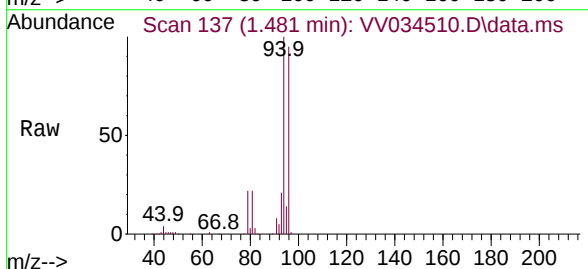
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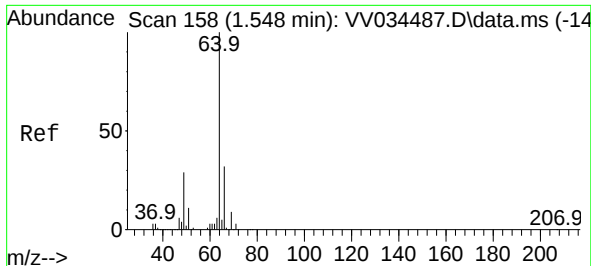
Tgt Ion: 94 Resp: 86783

Ion Ratio Lower Upper

94 100

96 94.8 66.0 122.6

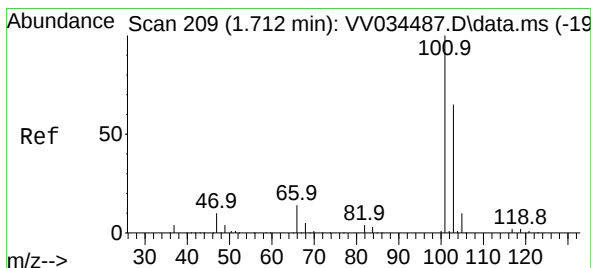
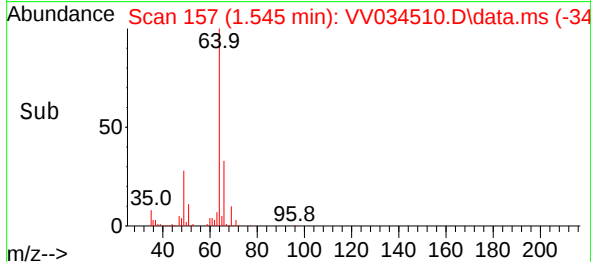
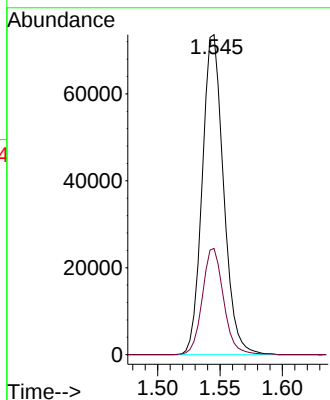
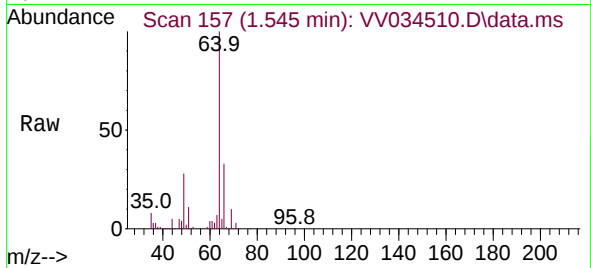




#8
Chloroethane
Concen: 47.252 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV034510.D
Acq: 06 Mar 2024 15:17

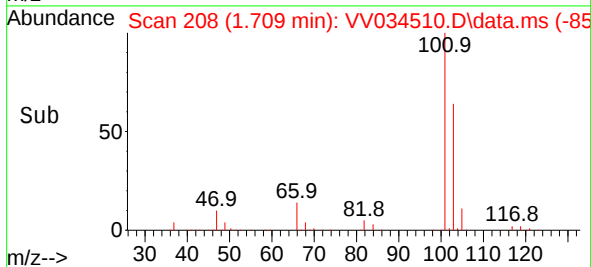
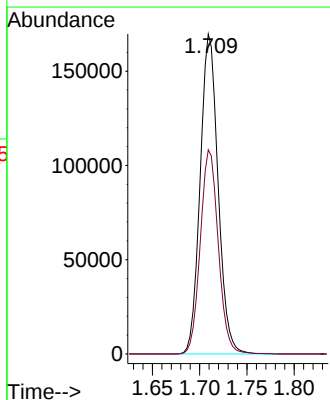
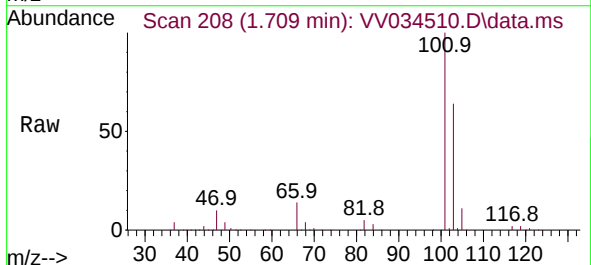
Instrument :
MSVOA_V
ClientSampleId :

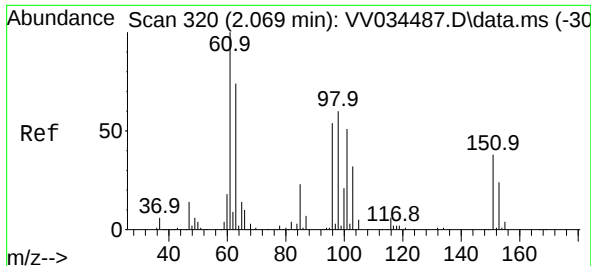
Tgt Ion: 64 Resp: 87714
Ion Ratio Lower Upper
64 100
66 33.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 47.790 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV034510.D
Acq: 06 Mar 2024 15:17

Tgt Ion:101 Resp: 223510
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.8

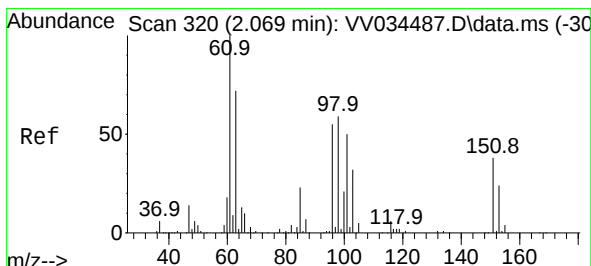
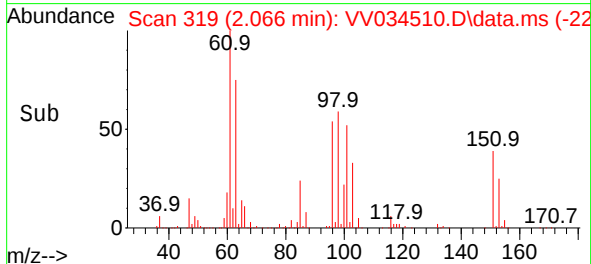
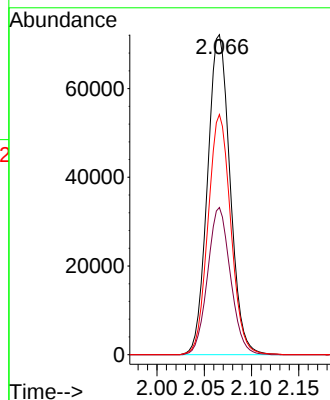
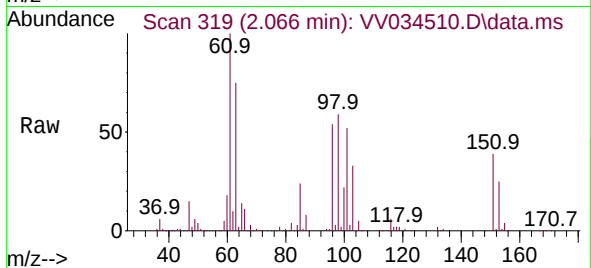




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.641 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV034510.D
Acq: 06 Mar 2024 15:17

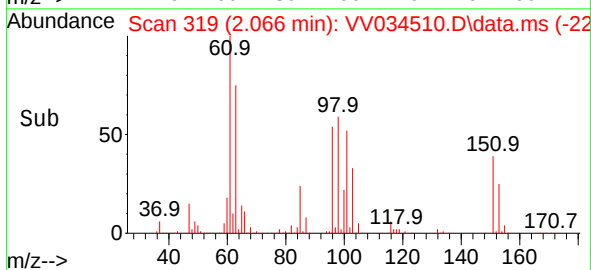
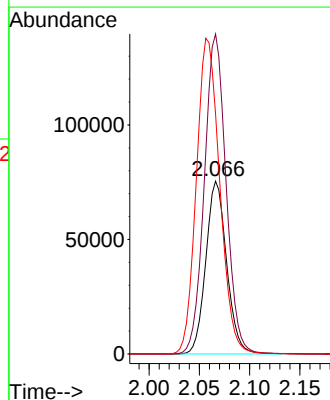
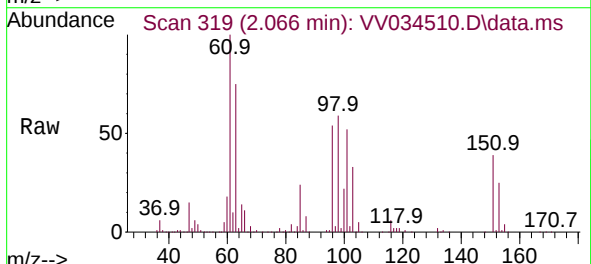
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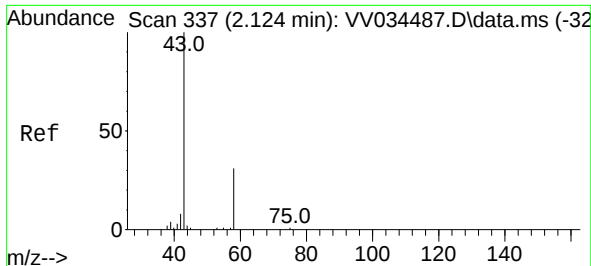
Tgt Ion:101 Resp: 120088
Ion Ratio Lower Upper
101 100
85 46.4 37.4 56.0
151 75.5 61.4 92.2



#12
1,1-Dichloroethene
Concen: 46.506 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV034510.D
Acq: 06 Mar 2024 15:17

Tgt Ion: 96 Resp: 108704
Ion Ratio Lower Upper
96 100
61 185.2 128.9 239.3
63 139.0 98.0 182.0





#13

Acetone

Concen: 82.093 ug/L

RT: 2.114 min Scan# 337

Delta R.T. -0.010 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

Instrument :

MSVOA_V

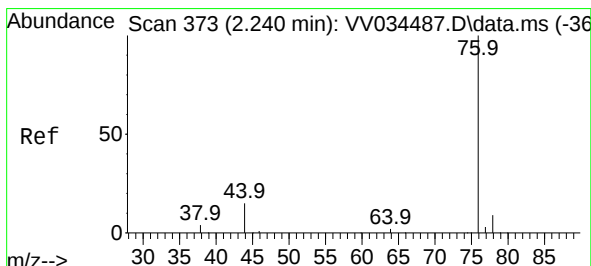
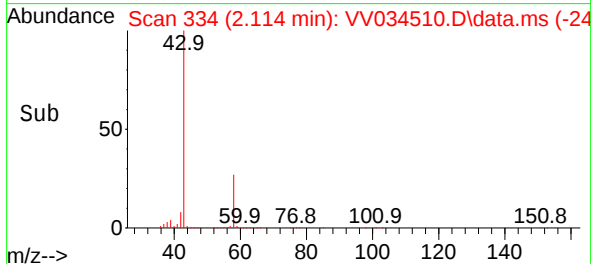
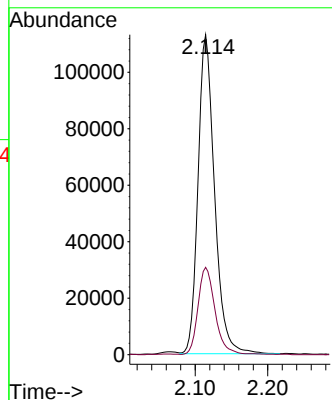
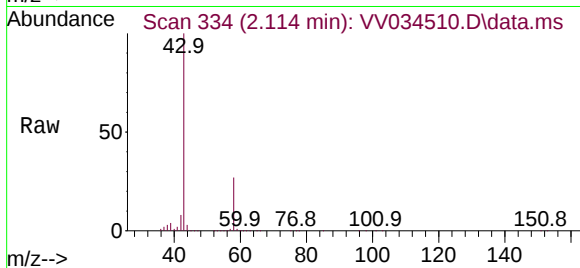
ClientSampleId :

Tgt Ion: 43 Resp: 178593

Ion Ratio Lower Upper

43 100

58 27.8 0.0 57.2



#14

Carbon disulfide

Concen: 47.745 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.003 min

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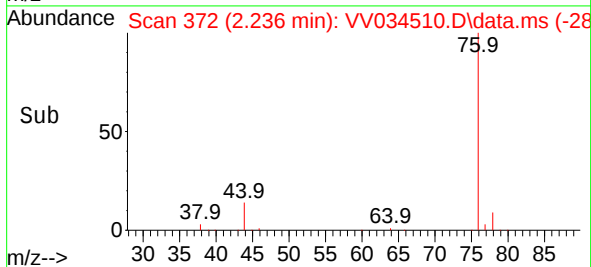
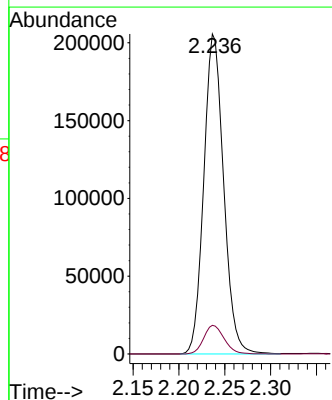
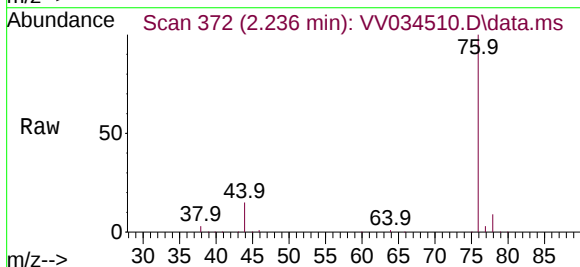
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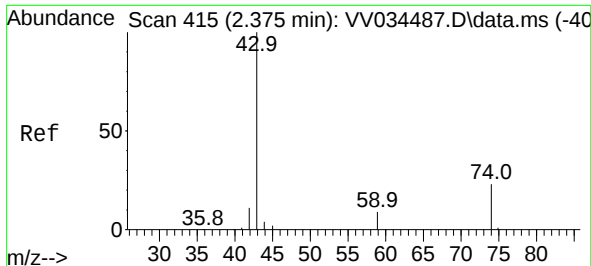
Tgt Ion: 76 Resp: 309719

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3





#15

Methyl Acetate

Concen: 54.035 ug/L

RT: 2.371 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

Instrument :

MSVOA_V

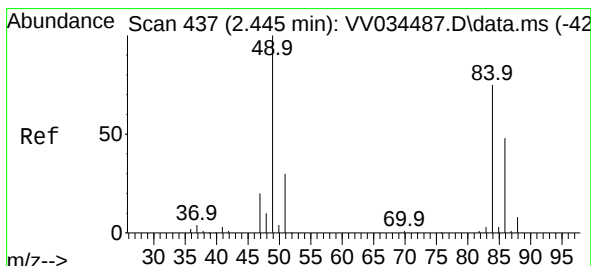
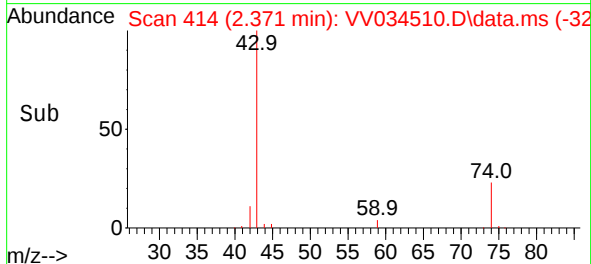
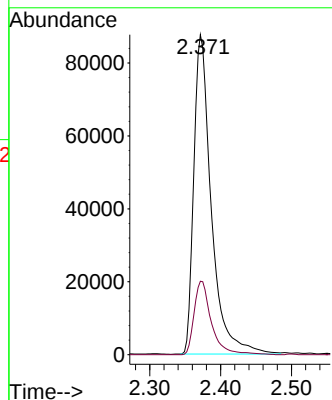
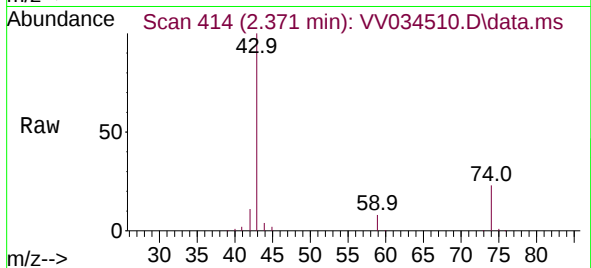
ClientSampleId :

Tgt Ion: 43 Resp: 150390

Ion Ratio Lower Upper

43 100

74 22.3 17.8 26.8



#16

Methylene chloride

Concen: 49.394 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.003 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

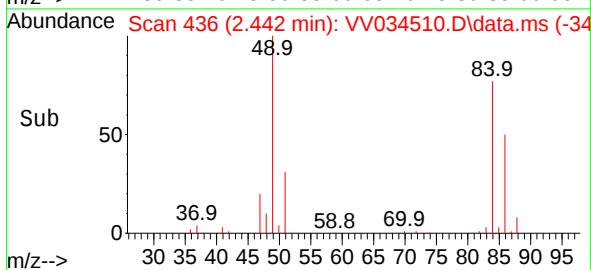
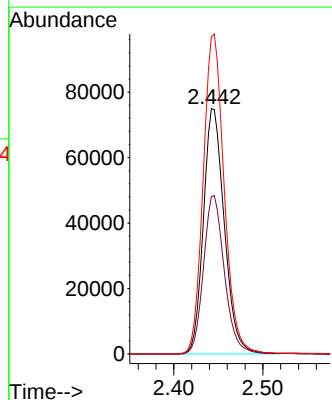
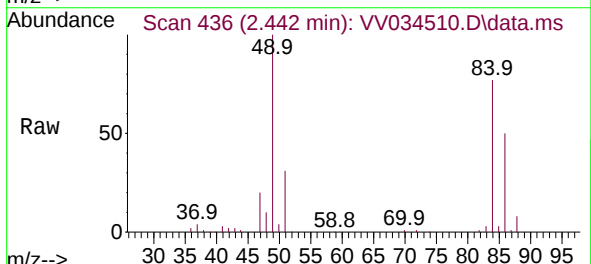
Tgt Ion: 84 Resp: 122466

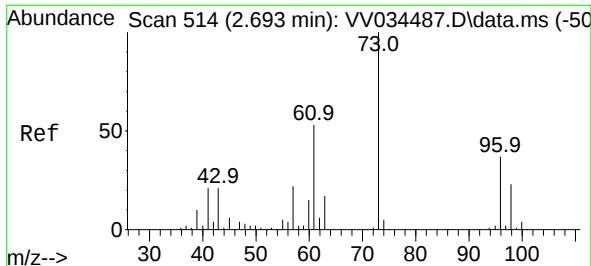
Ion Ratio Lower Upper

84 100

86 64.2 45.6 84.6

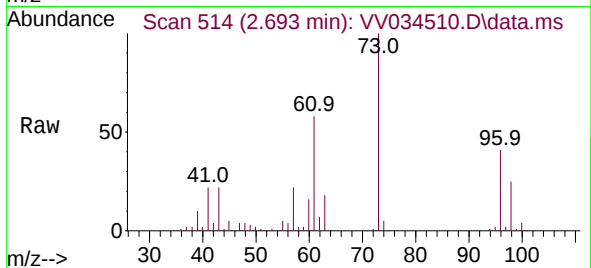
49 129.3 92.3 171.3



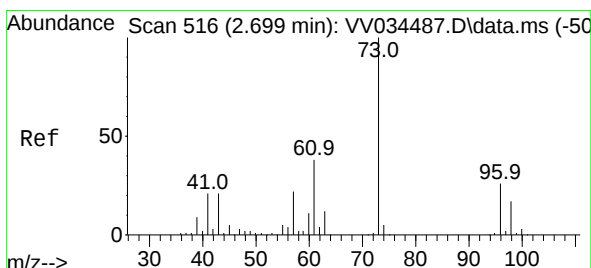
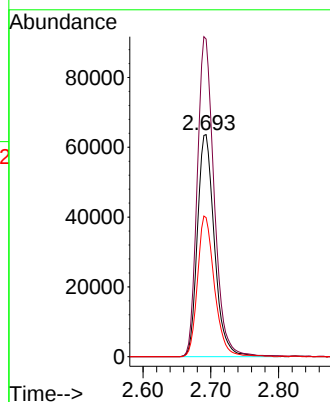
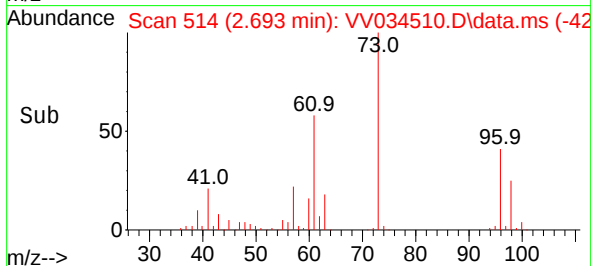


#17
trans-1,2-Dichloroethene
Concen: 49.024 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV034510.D
Acq: 06 Mar 2024 15:17

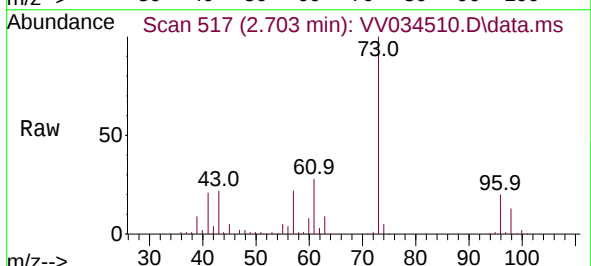
Instrument :
MSVOA_V
ClientSampleId :



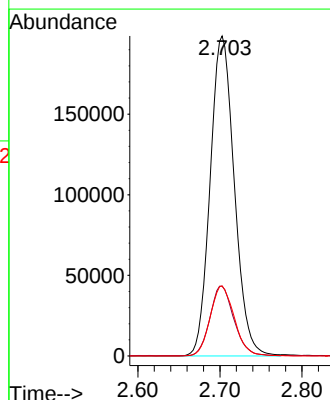
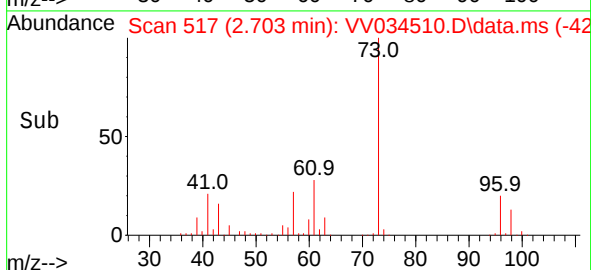
Tgt Ion: 96 Resp: 110910
Ion Ratio Lower Upper
96 100
61 143.0 98.8 183.4
98 62.6 46.1 85.5

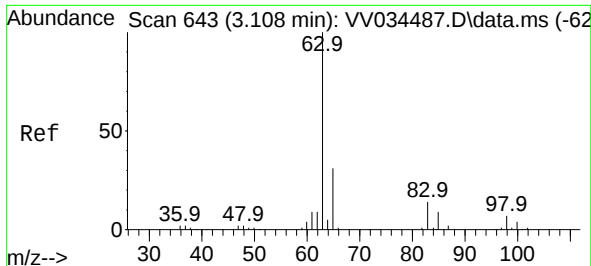


#18
Methyl tert-butyl Ether
Concen: 50.025 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV034510.D
Acq: 06 Mar 2024 15:17



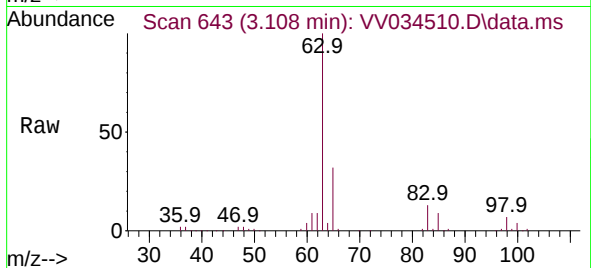
Tgt Ion: 73 Resp: 406430
Ion Ratio Lower Upper
73 100
43 21.4 17.1 25.7
57 21.9 17.6 26.4



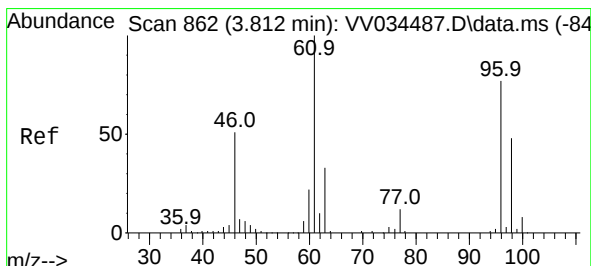
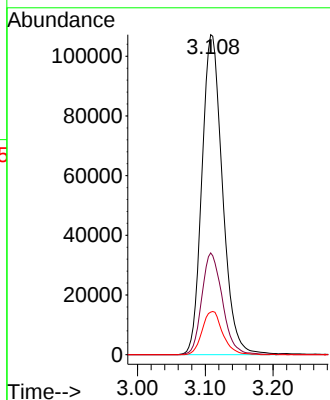
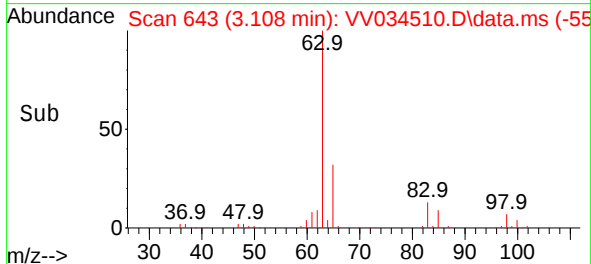


#19
1,1-Dichloroethane
Concen: 51.042 ug/L
RT: 3.108 min Scan# 643
Delta R.T. -0.000 min
Lab File: VV034510.D
Acq: 06 Mar 2024 15:17

Instrument :
MSVOA_V
ClientSampleId :

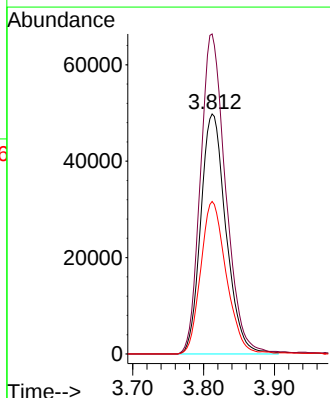
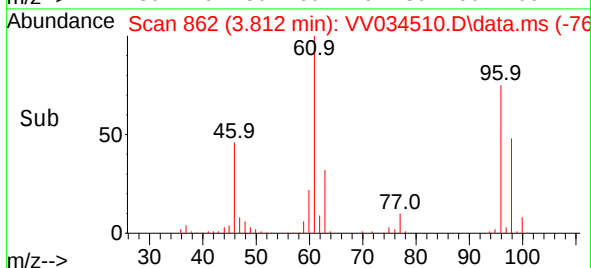
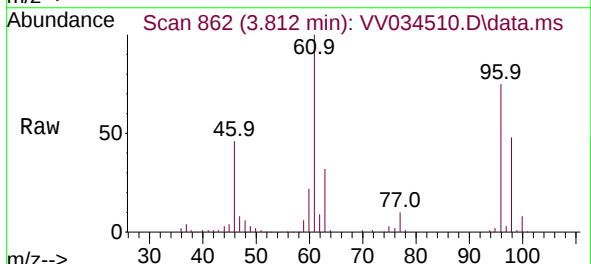


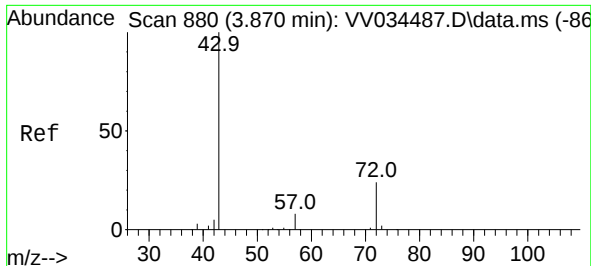
Tgt Ion: 63 Resp: 226207
Ion Ratio Lower Upper
63 100
65 31.8 22.1 41.1
83 13.3 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 50.213 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV034510.D
Acq: 06 Mar 2024 15:17

Tgt Ion: 96 Resp: 123255
Ion Ratio Lower Upper
96 100
61 133.4 96.0 178.4
98 63.6 46.0 85.4





#22

2-Butanone

Concen: 95.088 ug/L

RT: 3.867 min Scan# 81

Delta R.T. -0.003 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

Instrument :

MSVOA_V

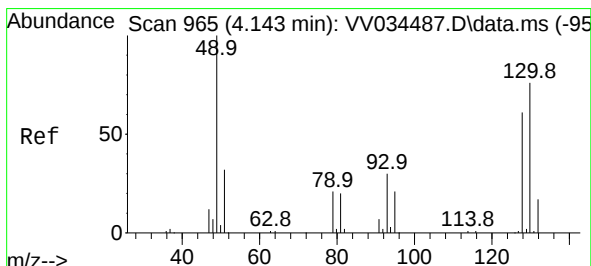
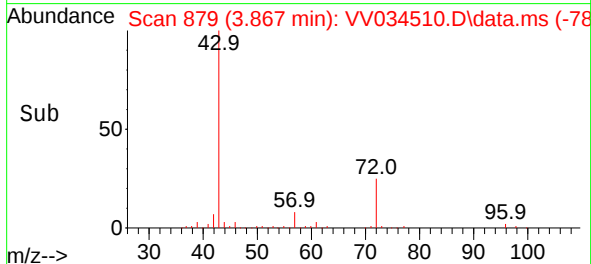
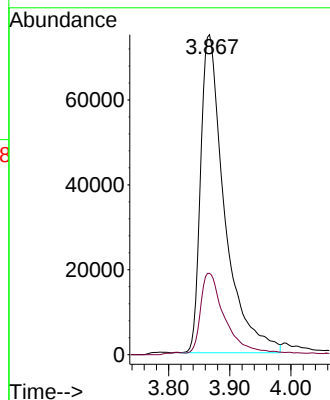
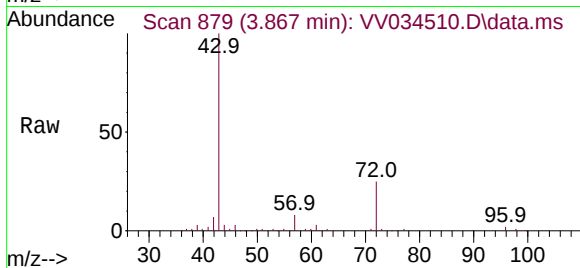
ClientSampleId :

Tgt Ion: 43 Resp: 204274

Ion Ratio Lower Upper

43 100

72 24.2 11.5 34.4



#23

Bromochloromethane

Concen: 50.722 ug/L

RT: 4.143 min Scan# 965

Delta R.T. -0.000 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

Tgt Ion: 128 Resp: 64381

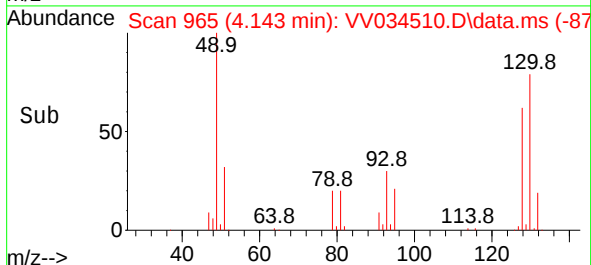
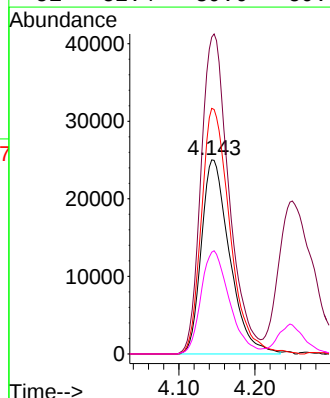
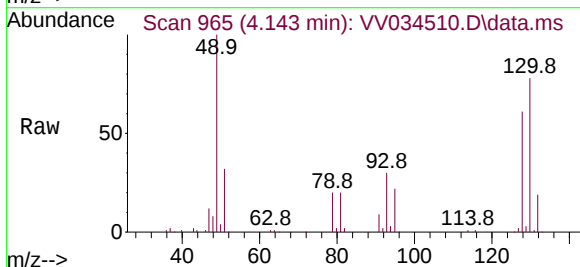
Ion Ratio Lower Upper

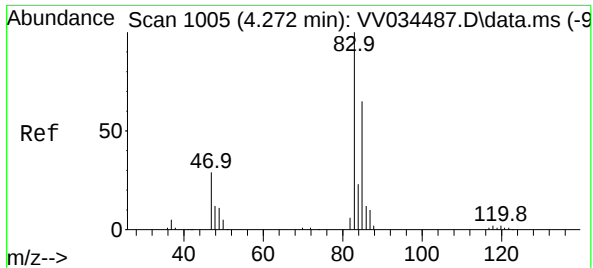
128 100

49 163.3 109.4 203.2

130 126.6 87.7 162.9

51 52.4 39.6 59.4





#25

Chloroform

Concen: 49.426 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

Instrument :

MSVOA_V

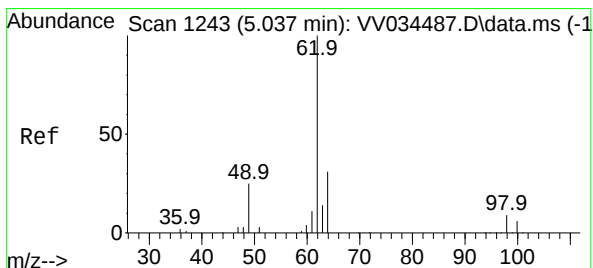
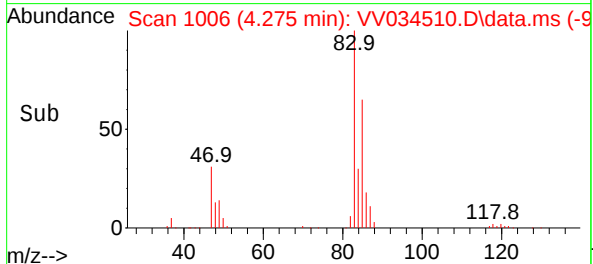
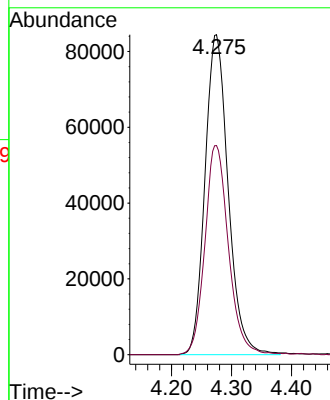
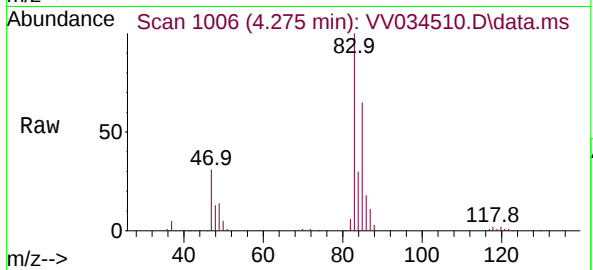
ClientSampleId :

Tgt Ion: 83 Resp: 227040

Ion Ratio Lower Upper

83 100

85 65.3 45.5 84.5



#27

1,2-Dichloroethane

Concen: 50.648 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV034510.D

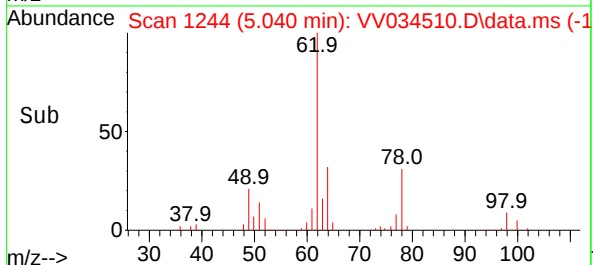
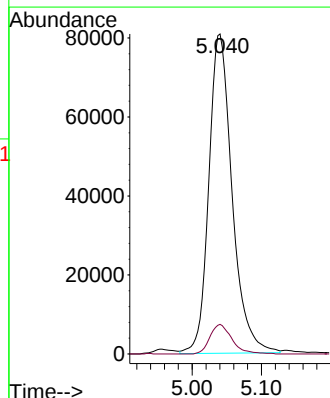
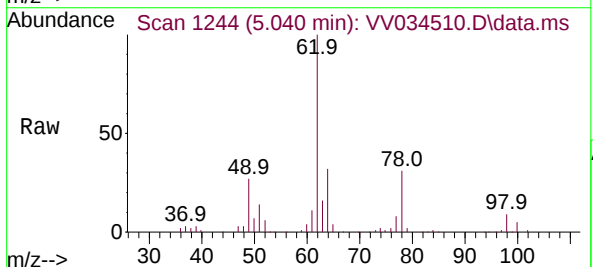
Acq: 06 Mar 2024 15:17

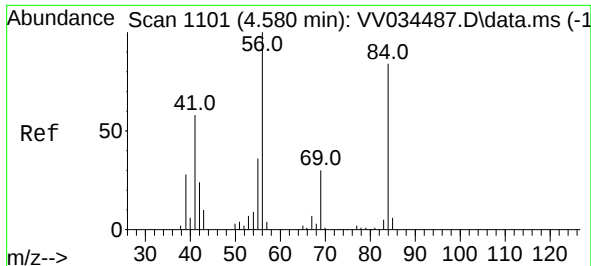
Tgt Ion: 62 Resp: 189022

Ion Ratio Lower Upper

62 100

98 9.2 6.6 10.0





#29

Cyclohexane

Concen: 50.408 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

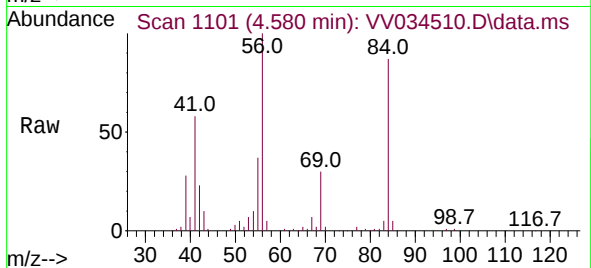
Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

Instrument :

MSVOA_V

ClientSampleId :



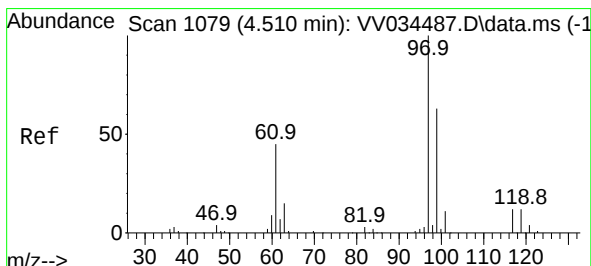
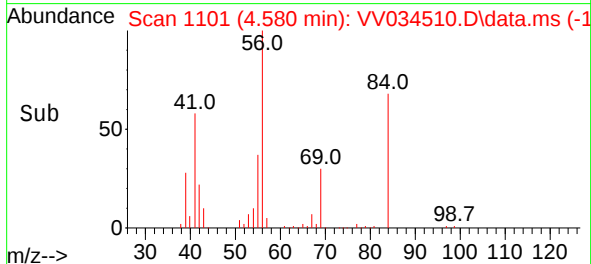
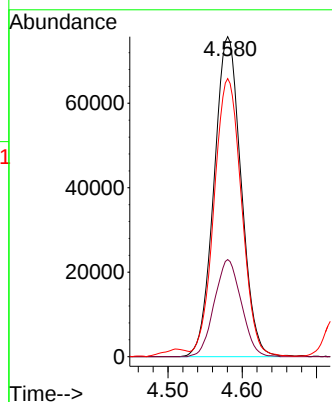
Tgt Ion: 56 Resp: 192250

Ion Ratio Lower Upper

56 100

69 30.1 24.2 36.4

84 88.4 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 49.829 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

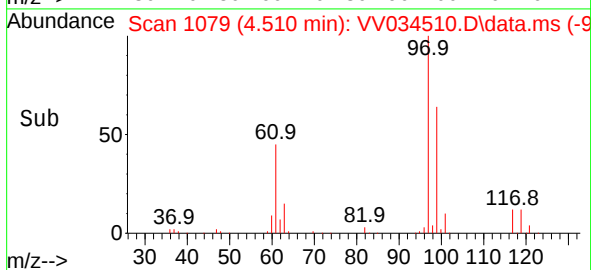
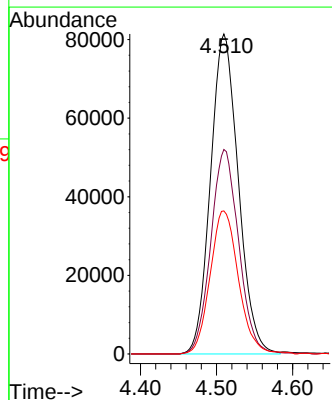
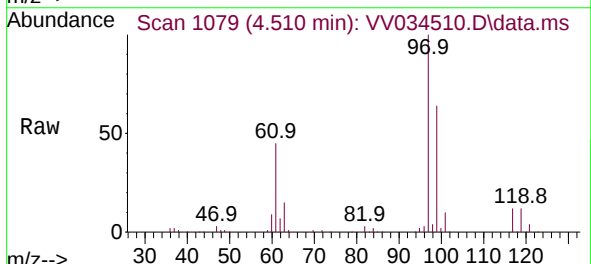
Tgt Ion: 97 Resp: 207185

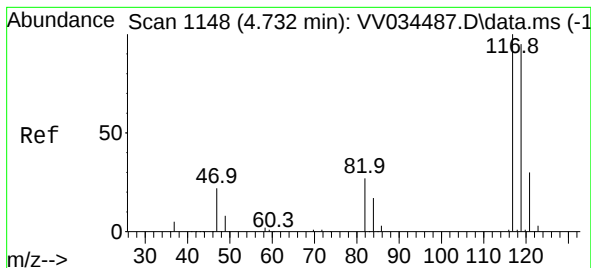
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 45.7 36.0 54.0





#31

Carbon tetrachloride

Concen: 49.472 ug/L

RT: 4.735 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

Instrument :

MSVOA_V

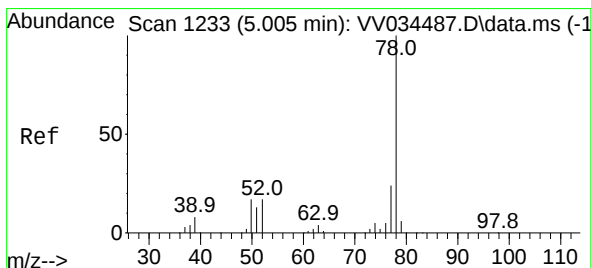
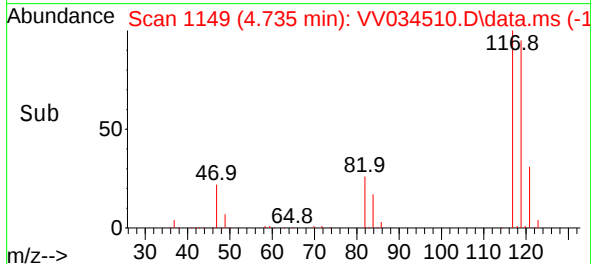
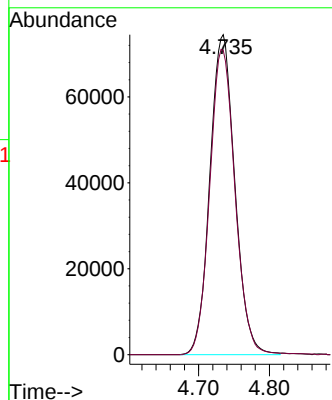
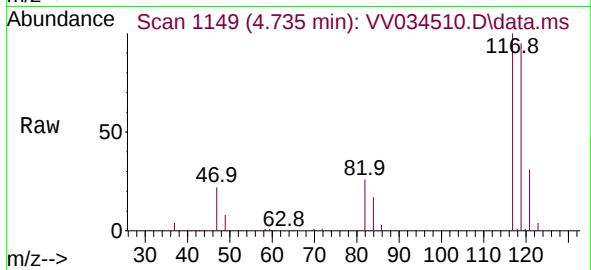
ClientSampleId :

Tgt Ion:117 Resp: 182120

Ion Ratio Lower Upper

117 100

119 96.4 77.5 116.3



#33

Benzene

Concen: 50.482 ug/L

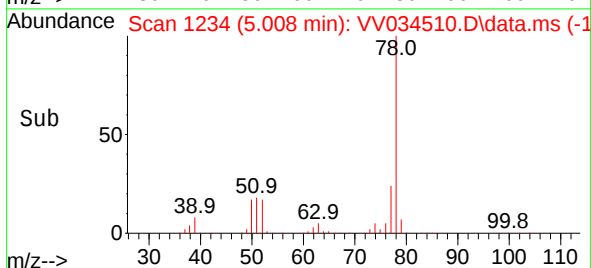
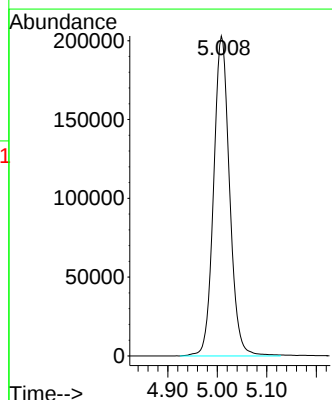
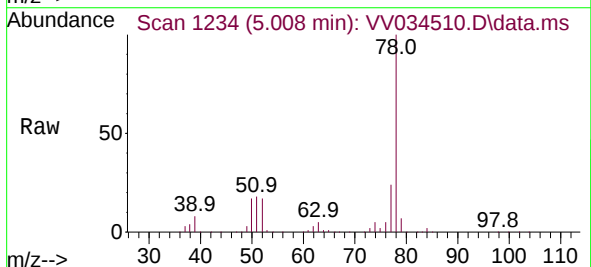
RT: 5.008 min Scan# 1234

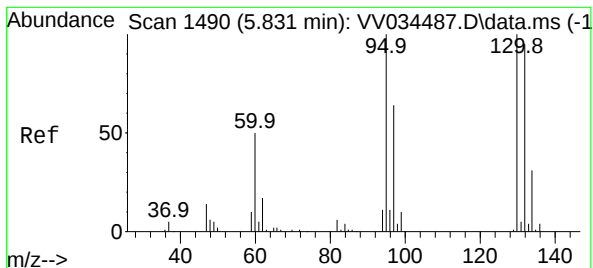
Delta R.T. 0.003 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

Tgt Ion: 78 Resp: 454354





#34

Trichloroethene

Concen: 50.271 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 128611

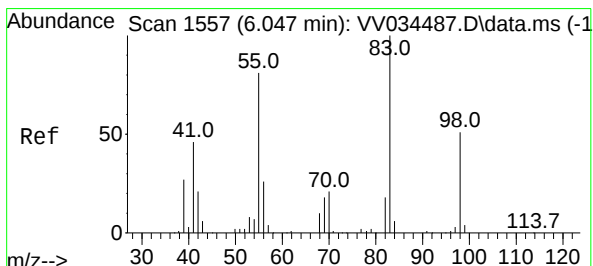
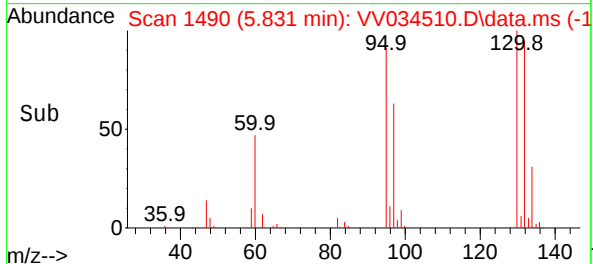
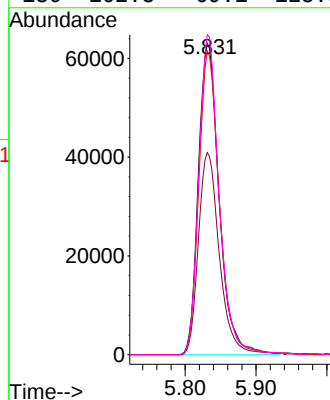
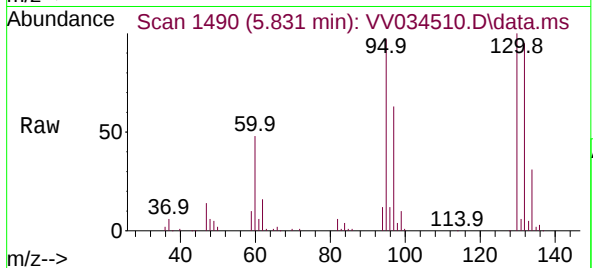
Ion Ratio Lower Upper

95 100

97 64.9 44.7 83.1

132 97.5 65.3 121.3

130 102.8 69.1 128.3



#35

Methylcyclohexane

Concen: 50.522 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

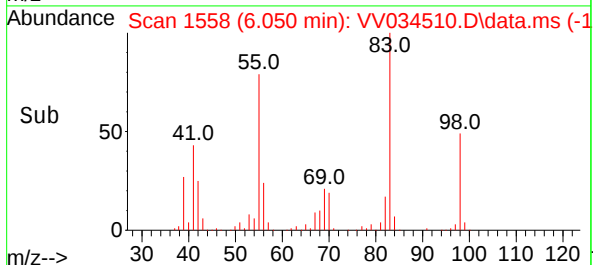
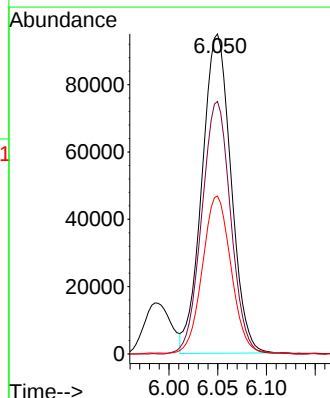
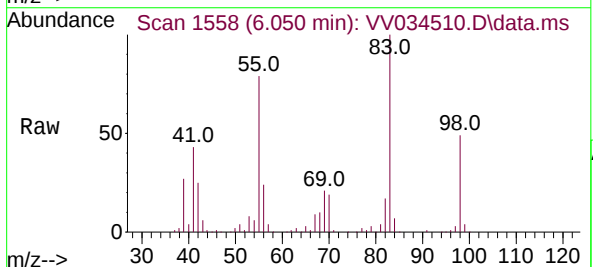
Tgt Ion: 83 Resp: 196499

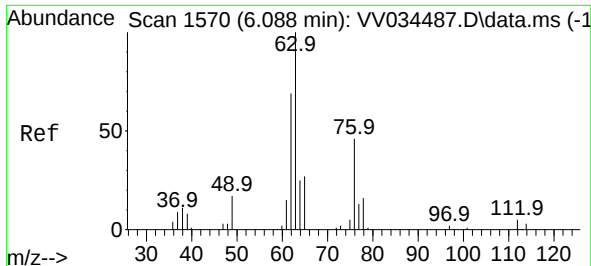
Ion Ratio Lower Upper

83 100

55 78.8 62.6 94.0

98 49.2 39.5 59.3

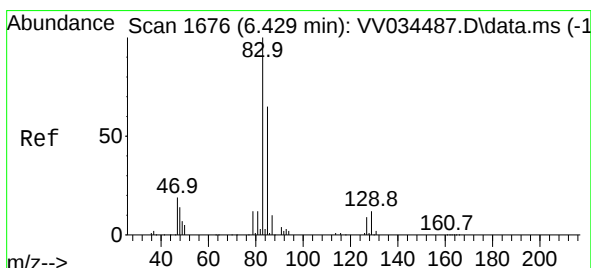
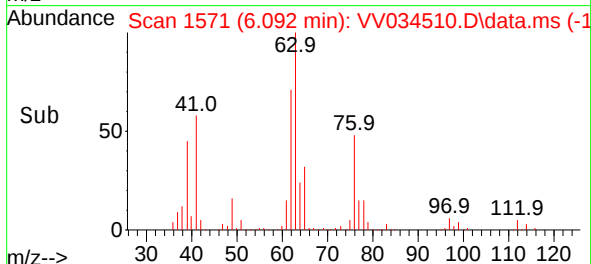
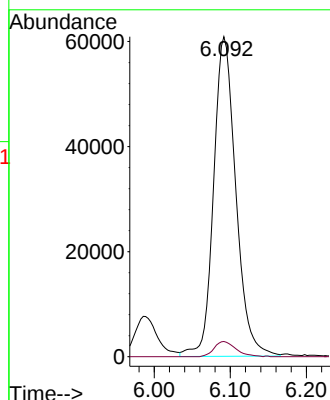
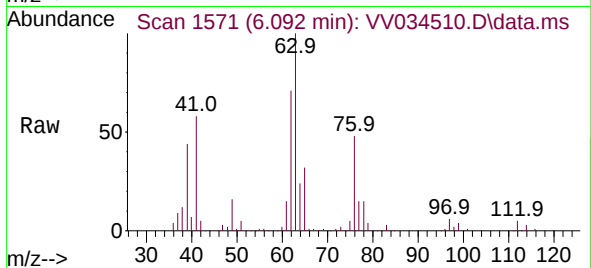




#37
1,2-Dichloropropane
Concen: 52.502 ug/L
RT: 6.092 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034510.D
Acq: 06 Mar 2024 15:17

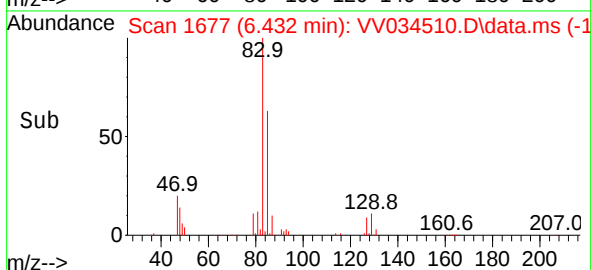
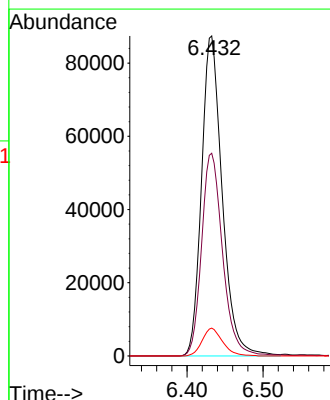
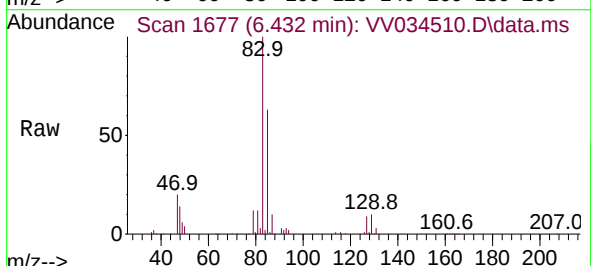
Instrument :
MSVOA_V
ClientSampleId :

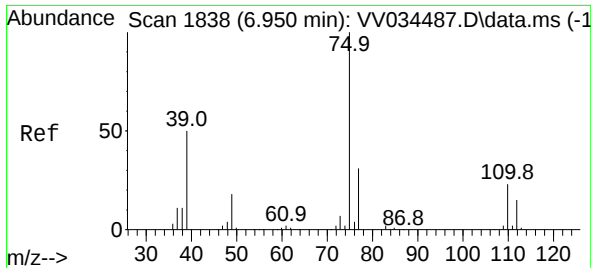
Tgt Ion: 63 Resp: 123715
Ion Ratio Lower Upper
63 100
112 4.7 3.5 5.3



#38
Bromodichloromethane
Concen: 49.939 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV034510.D
Acq: 06 Mar 2024 15:17

Tgt Ion: 83 Resp: 165521
Ion Ratio Lower Upper
83 100
85 63.3 44.6 82.8
127 8.7 6.9 10.3

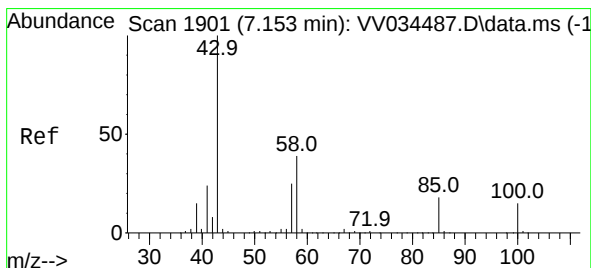
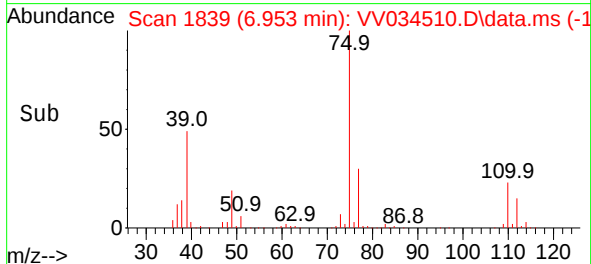
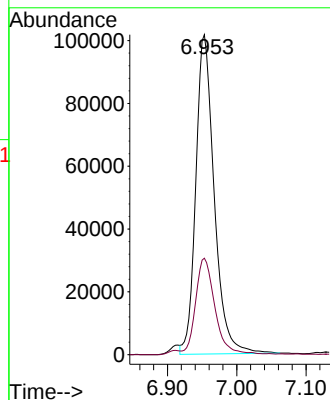
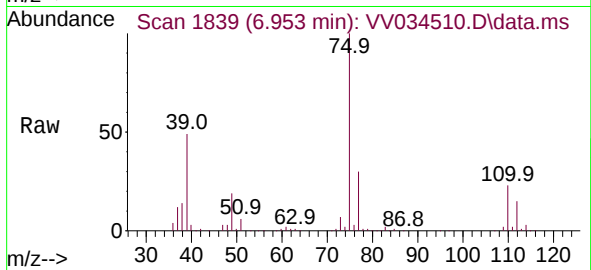




#39
 cis-1,3-Dichloropropene
 Concen: 49.258 ug/L
 RT: 6.953 min Scan# 1839
 Delta R.T. 0.003 min
 Lab File: VV034510.D
 Acq: 06 Mar 2024 15:17

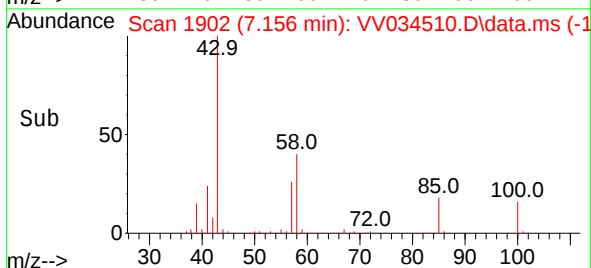
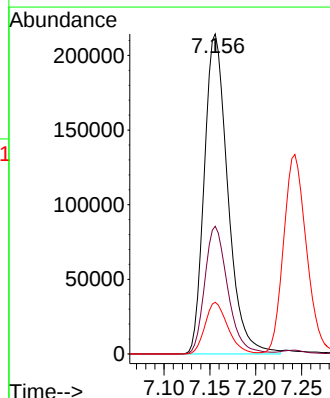
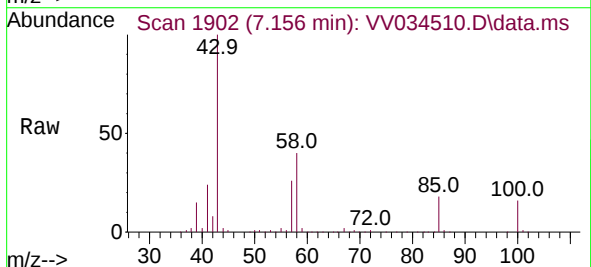
Instrument :
 MSVOA_V
 ClientSampleId :

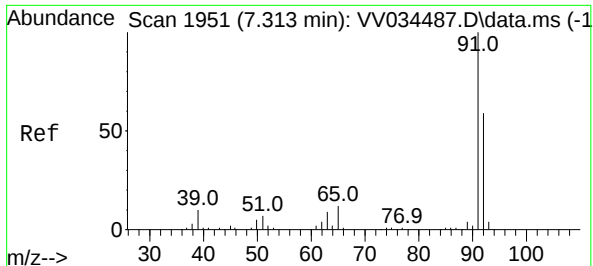
Tgt Ion: 75 Resp: 188055
 Ion Ratio Lower Upper
 75 100
 77 30.2 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 110.285 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VV034510.D
 Acq: 06 Mar 2024 15:17

Tgt Ion: 43 Resp: 383195
 Ion Ratio Lower Upper
 43 100
 58 39.2 30.6 46.0
 100 15.7 12.5 18.7





#42

Toluene

Concen: 50.182 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

Instrument :

MSVOA_V

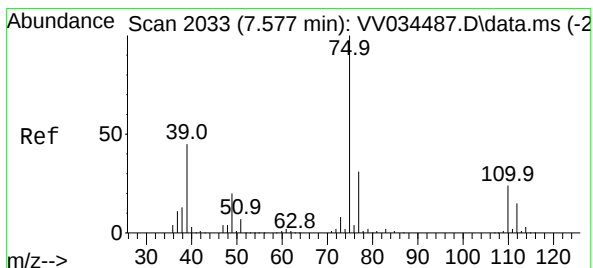
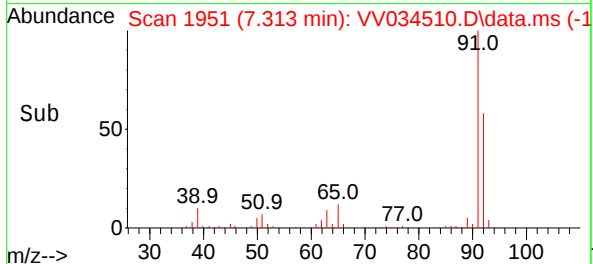
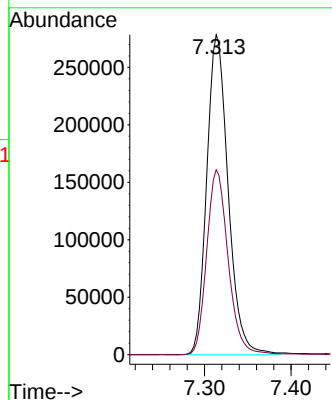
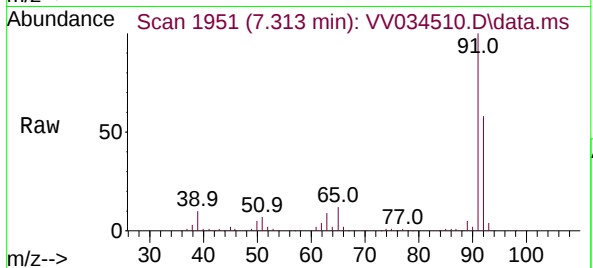
ClientSampleId :

Tgt Ion: 91 Resp: 478006

Ion Ratio Lower Upper

91 100

92 57.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 49.062 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV034510.D

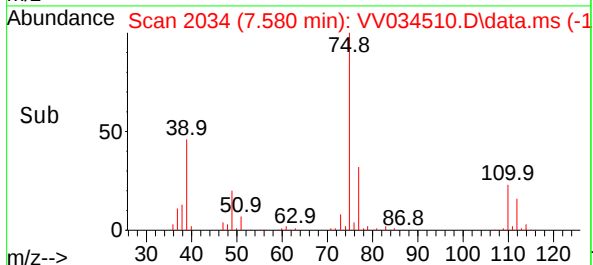
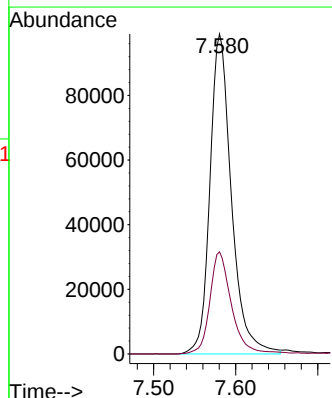
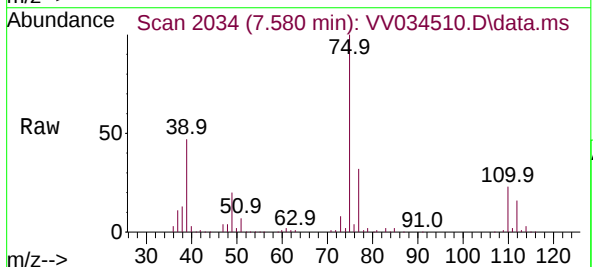
Acq: 06 Mar 2024 15:17

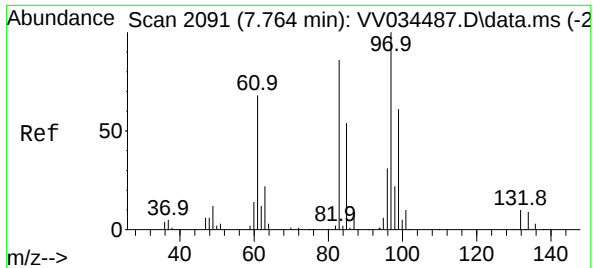
Tgt Ion: 75 Resp: 180146

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.4

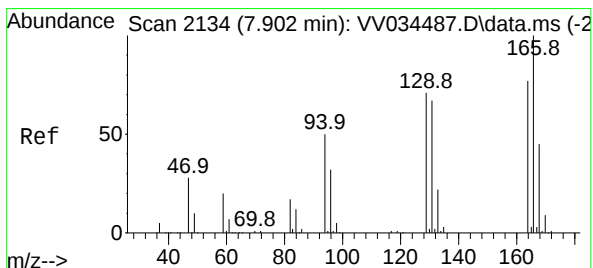
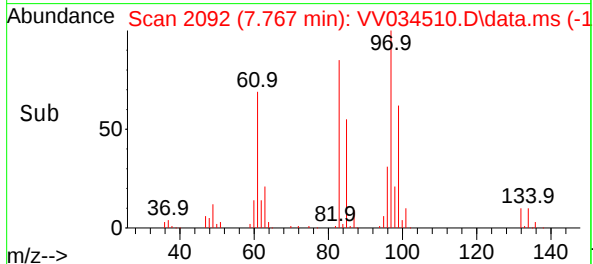
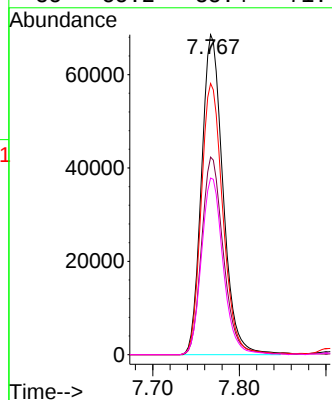
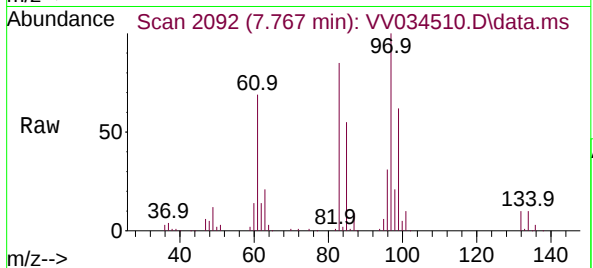




#45
1,1,2-Trichloroethane
Concen: 52.089 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV034510.D
Acq: 06 Mar 2024 15:17

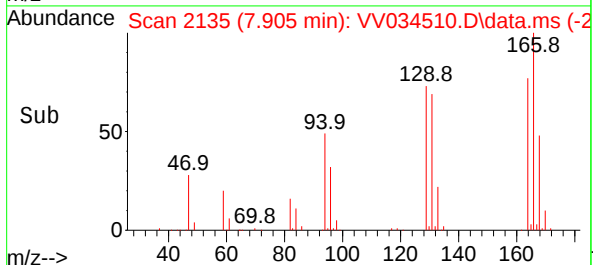
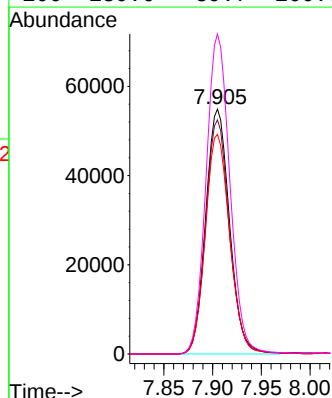
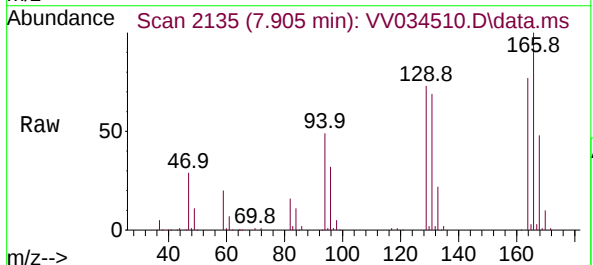
Instrument :
MSVOA_V
ClientSampleId :

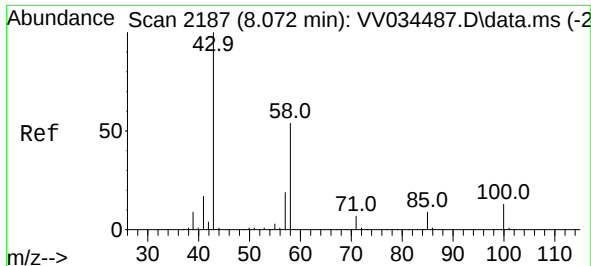
Tgt Ion:	97	Resp:	118427
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.8	81.4
83	84.8	59.4	110.2
85	55.2	38.4	71.4



#46
Tetrachloroethene
Concen: 49.394 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034510.D
Acq: 06 Mar 2024 15:17

Tgt Ion:	164	Resp:	93979
Ion	Ratio	Lower	Upper
164	100		
129	95.5	65.7	121.9
131	89.6	62.2	115.6
166	130.6	89.7	166.7





#48

2-Hexanone

Concen: 108.799 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. -0.000 min

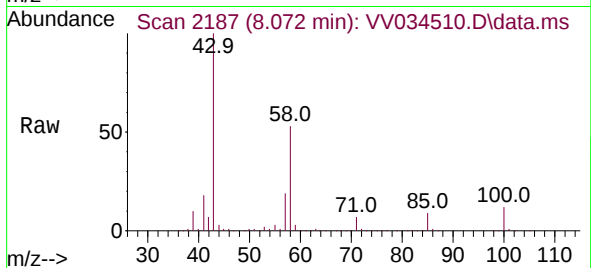
Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 301232

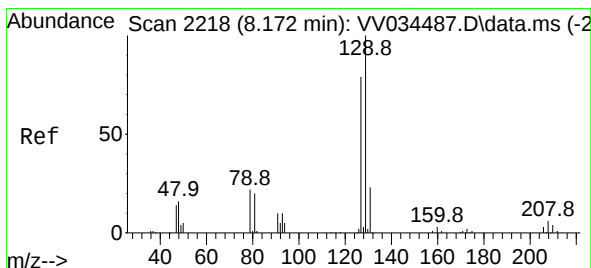
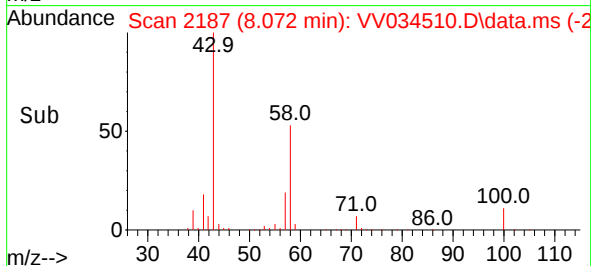
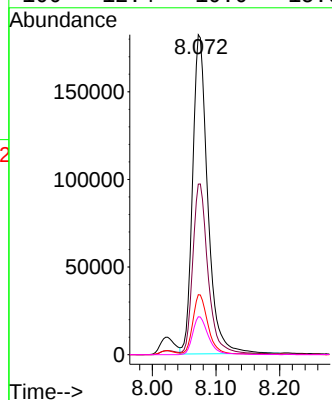
Ion Ratio Lower Upper

43 100

58 53.1 42.0 63.0

57 18.4 15.2 22.8

100 12.4 10.0 15.0



#49

Dibromochloromethane

Concen: 50.321 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.003 min

Lab File: VV034510.D

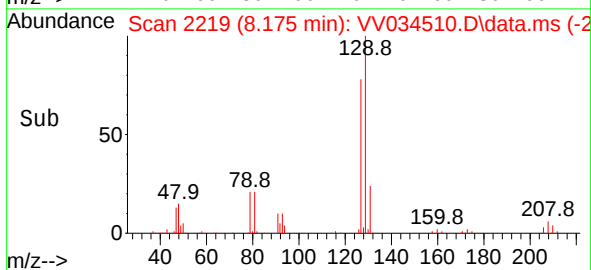
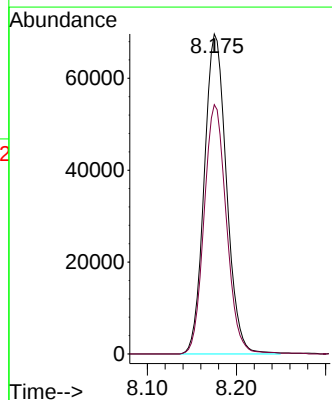
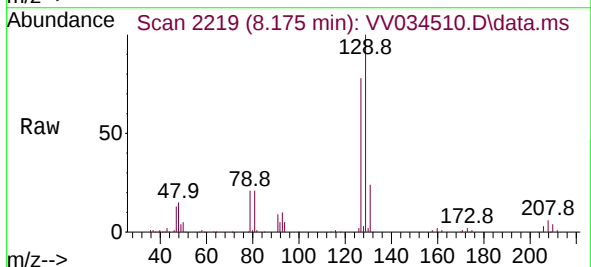
Acq: 06 Mar 2024 15:17

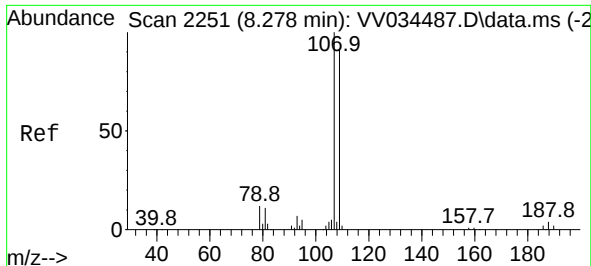
Tgt Ion:129 Resp: 120732

Ion Ratio Lower Upper

129 100

127 77.9 53.3 98.9





#50

1,2-Dibromoethane

Concen: 51.096 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

Instrument :

MSVOA_V

ClientSampleId :

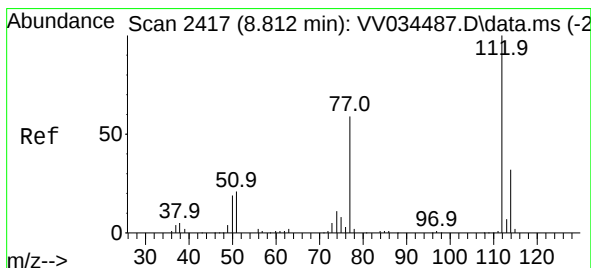
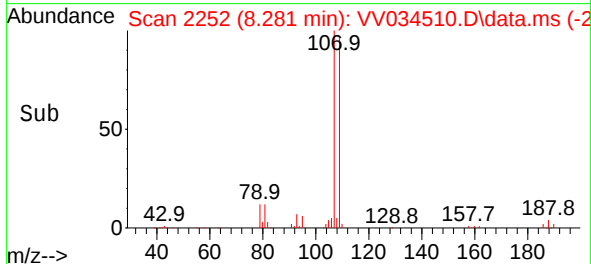
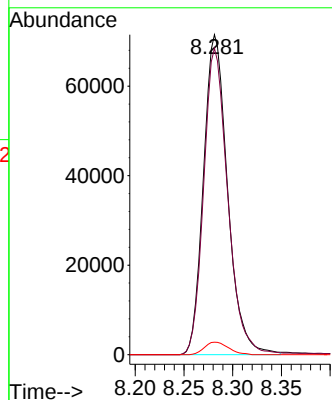
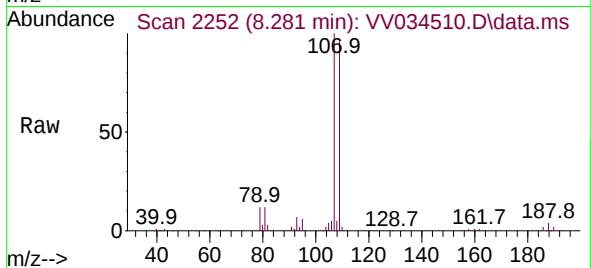
Tgt Ion:107 Resp: 123275

Ion Ratio Lower Upper

107 100

109 95.8 66.5 123.5

188 3.9 3.4 5.2



#51

Chlorobenzene

Concen: 49.886 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

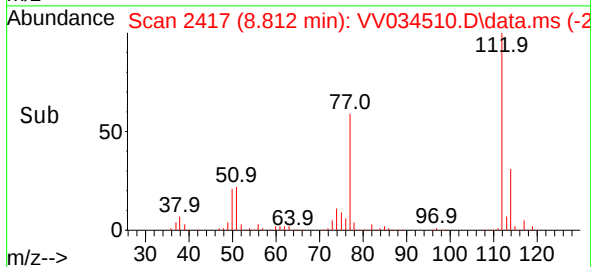
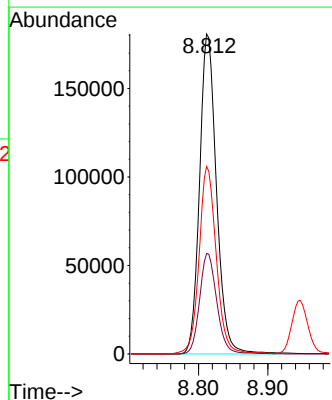
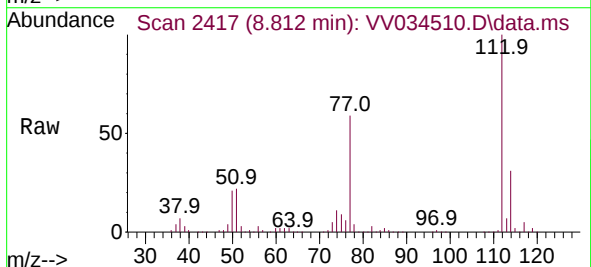
Tgt Ion:112 Resp: 307195

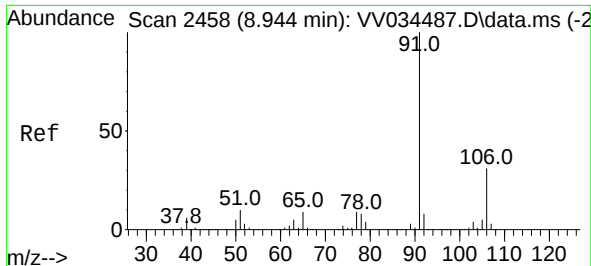
Ion Ratio Lower Upper

112 100

114 31.4 22.3 41.5

77 58.6 47.7 71.5





#52

Ethylbenzene

Concen: 50.282 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.003 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

Instrument :

MSVOA_V

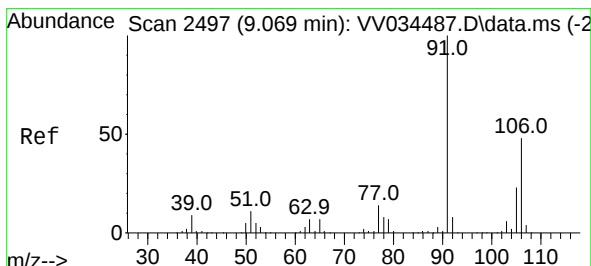
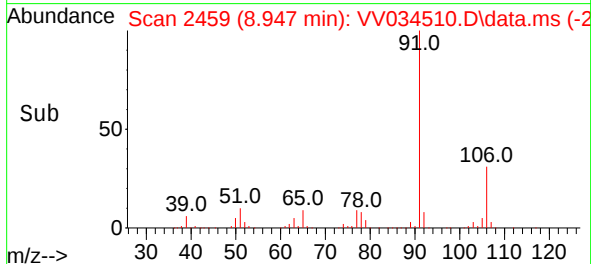
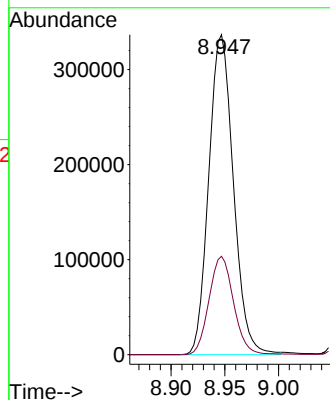
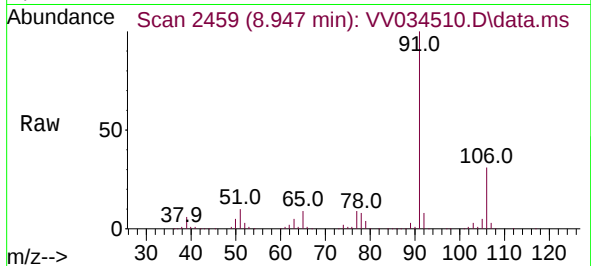
ClientSampleId :

Tgt Ion: 91 Resp: 536665

Ion Ratio Lower Upper

91 100

106 30.7 21.3 39.5



#53

m,p-Xylene

Concen: 49.550 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV034510.D

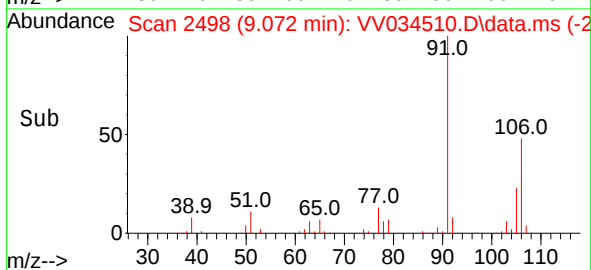
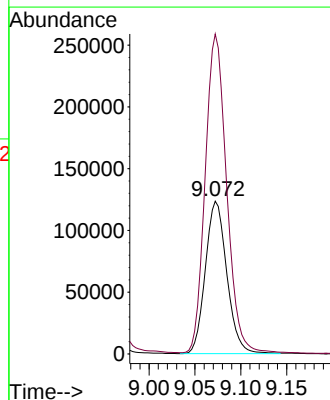
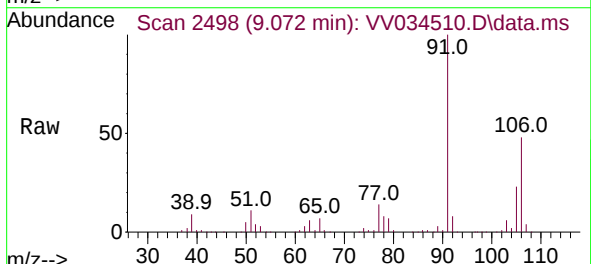
Acq: 06 Mar 2024 15:17

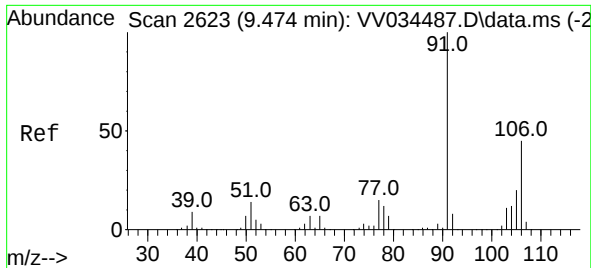
Tgt Ion:106 Resp: 200688

Ion Ratio Lower Upper

106 100

91 209.4 145.3 269.9





#54

o-Xylene

Concen: 49.574 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

Instrument :

MSVOA_V

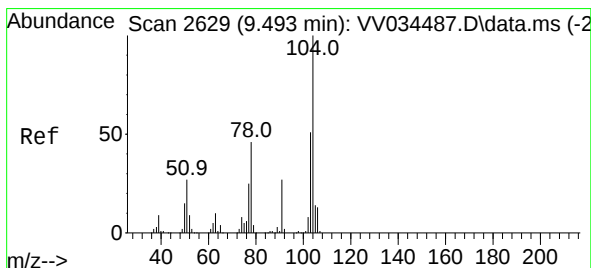
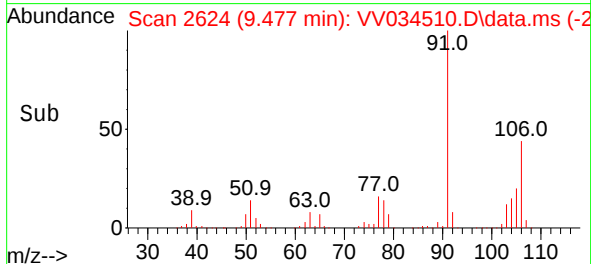
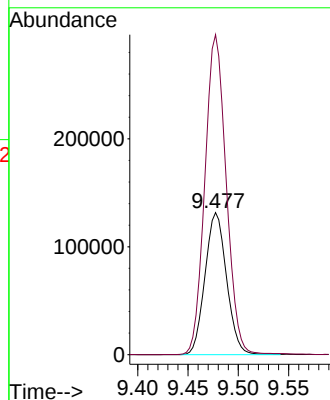
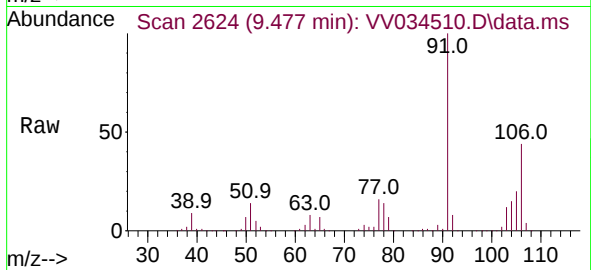
ClientSampleId :

Tgt Ion:106 Resp: 196611

Ion Ratio Lower Upper

106 100

91 225.2 152.2 282.7



#55

Styrene

Concen: 51.531 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. 0.003 min

Lab File: VV034510.D

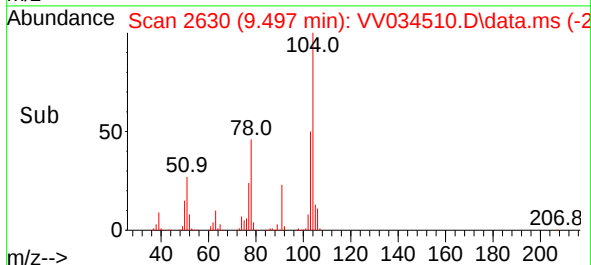
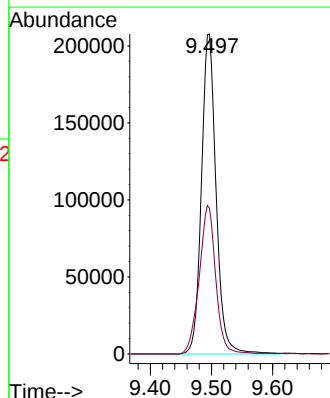
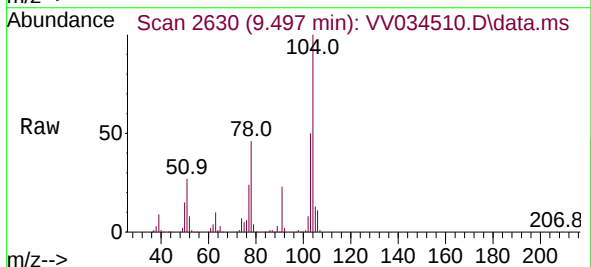
Acq: 06 Mar 2024 15:17

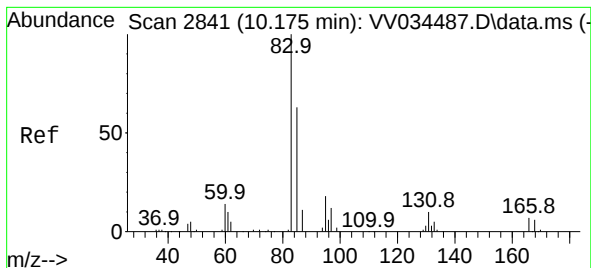
Tgt Ion:104 Resp: 346032

Ion Ratio Lower Upper

104 100

78 45.6 33.0 61.4

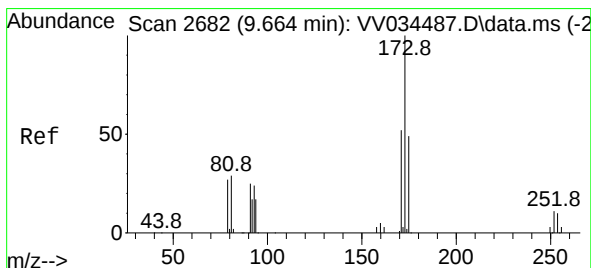
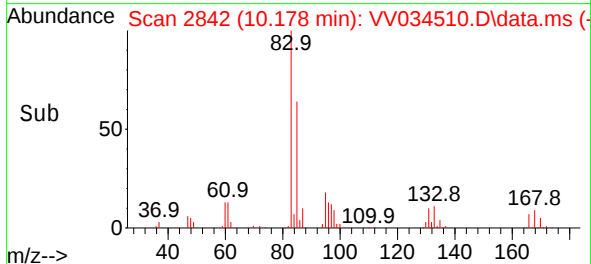
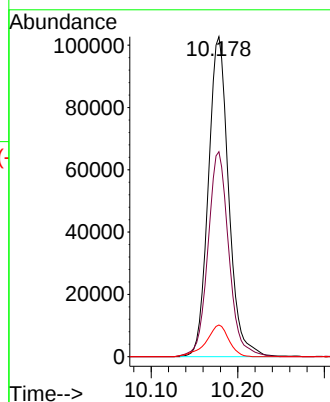
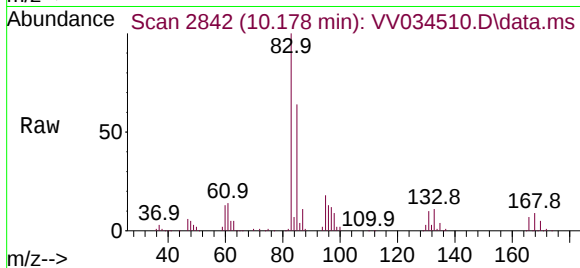




#57
1,1,2,2-Tetrachloroethane
Concen: 49.005 ug/L
RT: 10.178 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV034510.D
Acq: 06 Mar 2024 15:17

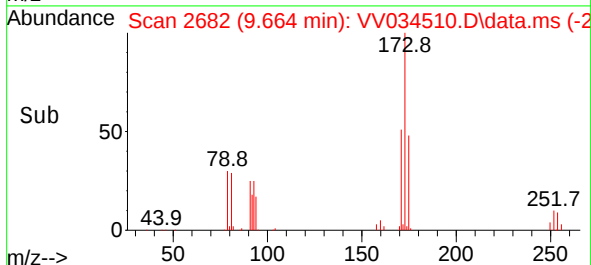
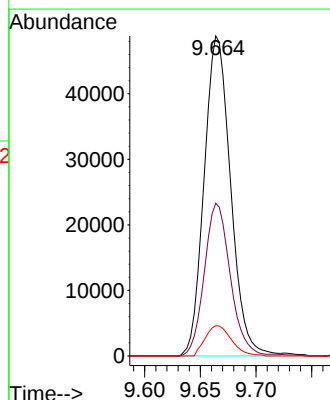
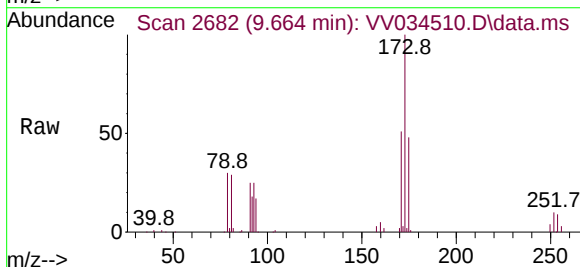
Instrument :
MSVOA_V
ClientSampleId :

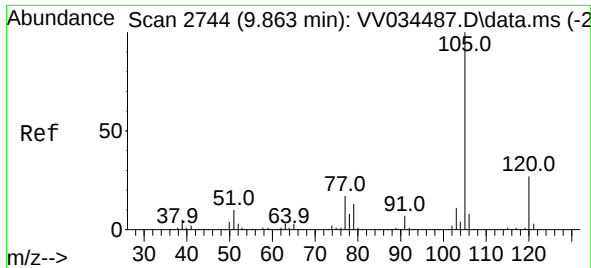
Tgt Ion: 83 Resp: 167343
Ion Ratio Lower Upper
83 100
85 64.0 45.4 84.2
131 9.9 8.3 12.5



#59
Bromoform
Concen: 48.918 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV034510.D
Acq: 06 Mar 2024 15:17

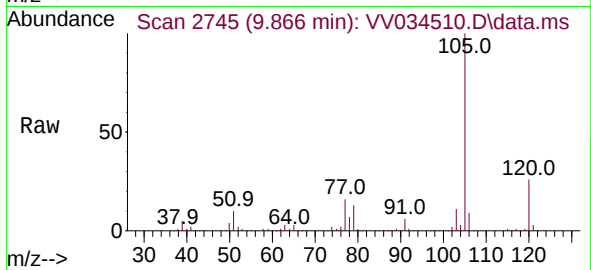
Tgt Ion: 173 Resp: 80675
Ion Ratio Lower Upper
173 100
175 46.7 39.1 58.7
254 9.4 7.8 11.8



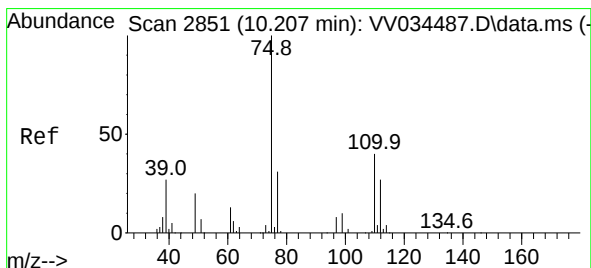
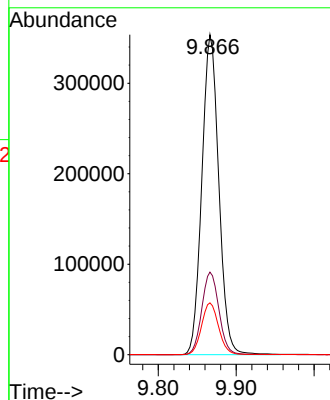
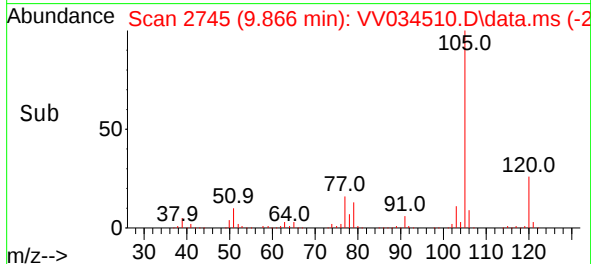


#60
Isopropylbenzene
Concen: 50.819 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034510.D
Acq: 06 Mar 2024 15:17

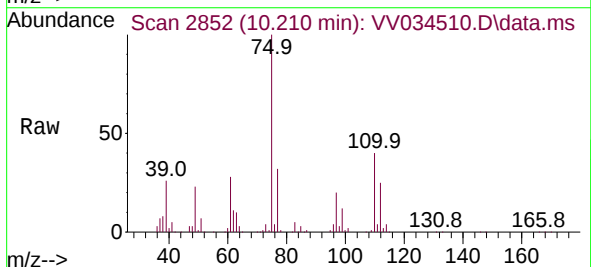
Instrument :
MSVOA_V
ClientSampleId :



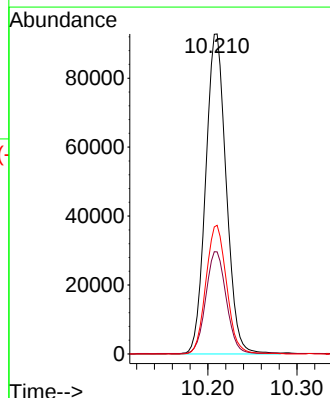
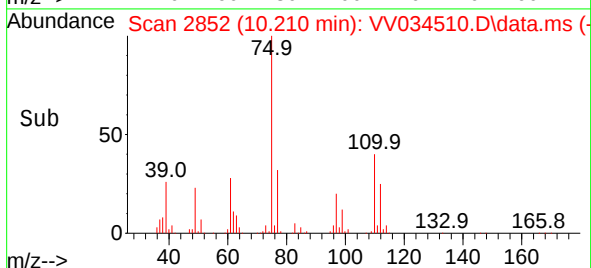
Tgt Ion:105 Resp: 534635
Ion Ratio Lower Upper
105 100
120 26.1 20.8 31.2
77 16.4 13.0 19.6

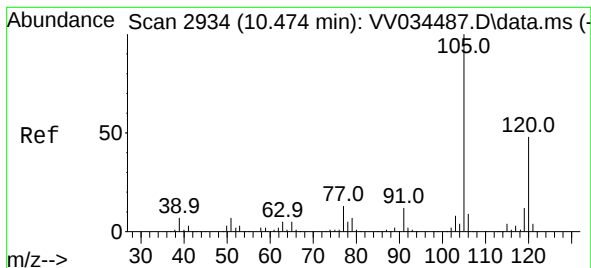


#61
1,2,3-Trichloropropane
Concen: 52.332 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV034510.D
Acq: 06 Mar 2024 15:17



Tgt Ion: 75 Resp: 148594
Ion Ratio Lower Upper
75 100
77 31.5 25.9 38.9
110 40.5 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 50.510 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

Instrument :

MSVOA_V

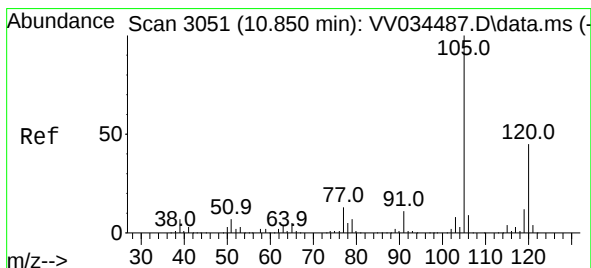
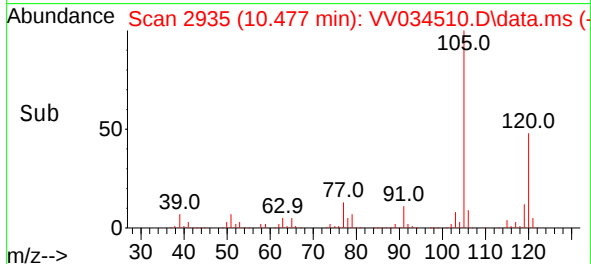
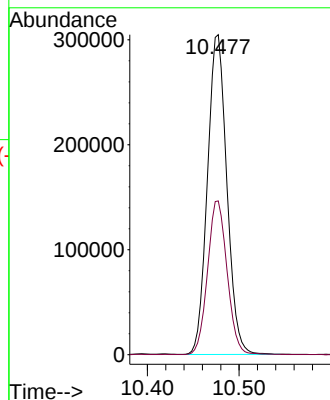
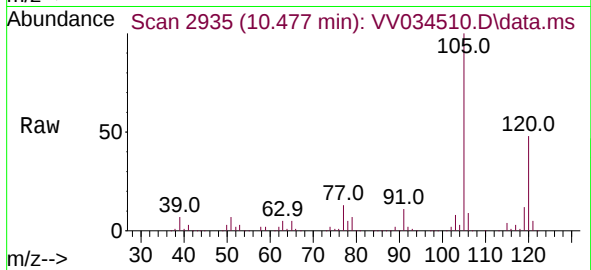
ClientSampleId :

Tgt Ion:105 Resp: 448249

Ion Ratio Lower Upper

105 100

120 48.3 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 51.211 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034510.D

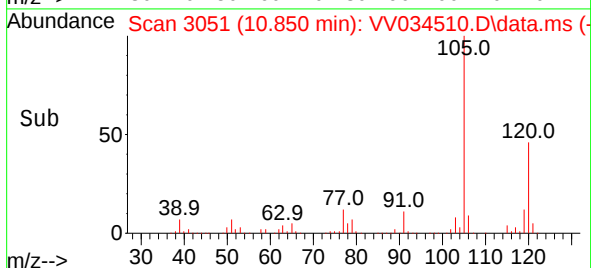
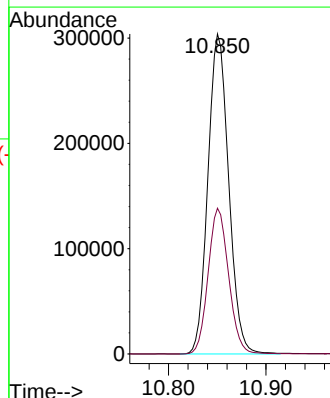
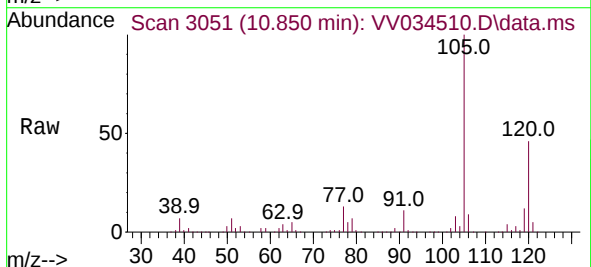
Acq: 06 Mar 2024 15:17

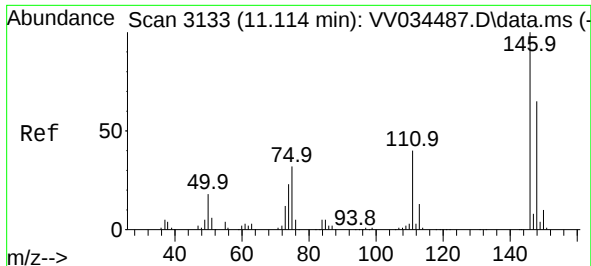
Tgt Ion:105 Resp: 449485

Ion Ratio Lower Upper

105 100

120 44.9 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 49.955 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

Instrument :

MSVOA_V

ClientSampleId :

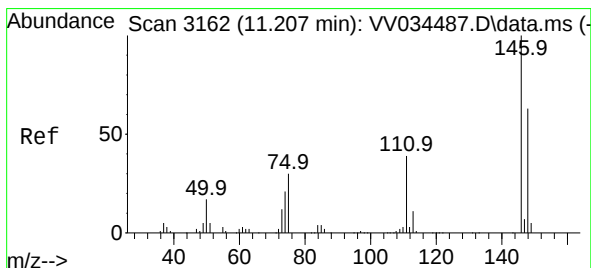
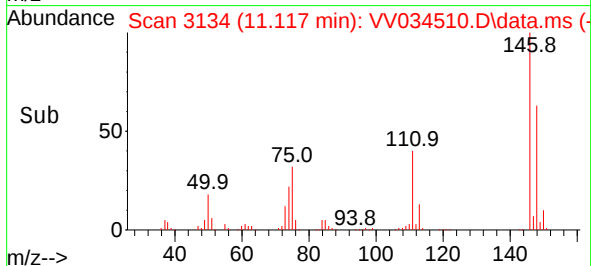
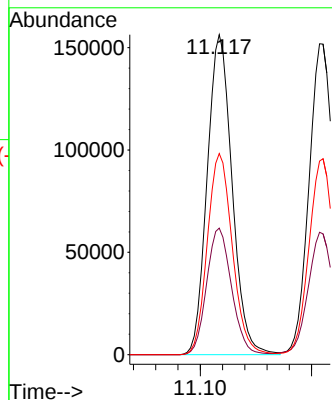
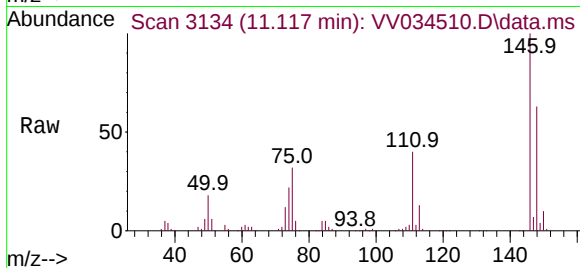
Tgt Ion:146 Resp: 242990

Ion Ratio Lower Upper

146 100

111 39.5 27.9 51.7

148 62.8 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 48.896 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

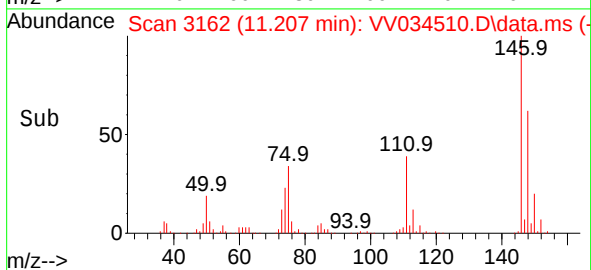
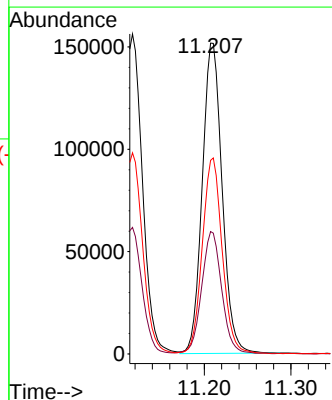
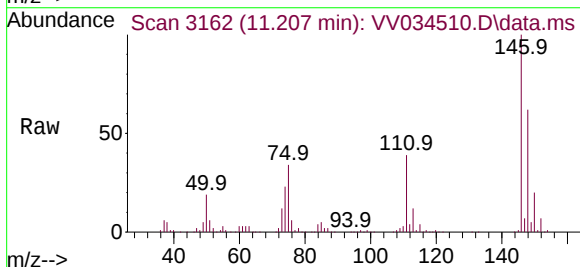
Tgt Ion:146 Resp: 241528

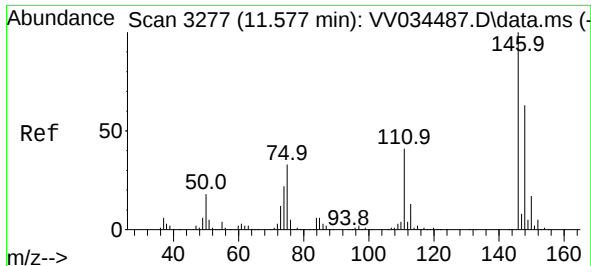
Ion Ratio Lower Upper

146 100

111 39.4 26.5 49.1

148 62.3 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 48.831 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

Instrument :

MSVOA_V

ClientSampleId :

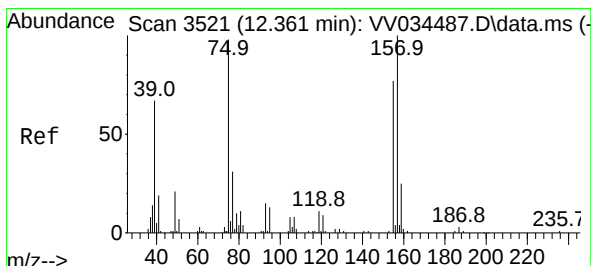
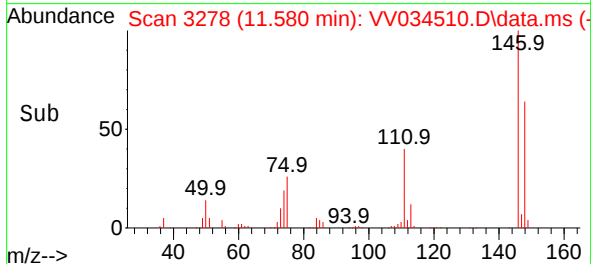
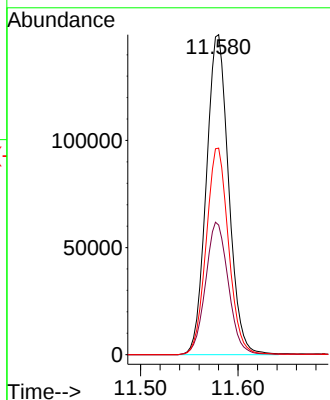
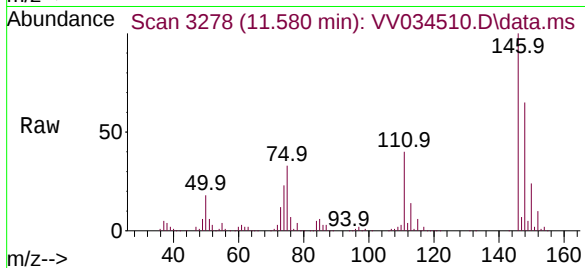
Tgt Ion:146 Resp: 238009

Ion Ratio Lower Upper

146 100

111 40.5 33.8 50.8

148 64.5 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 53.306 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

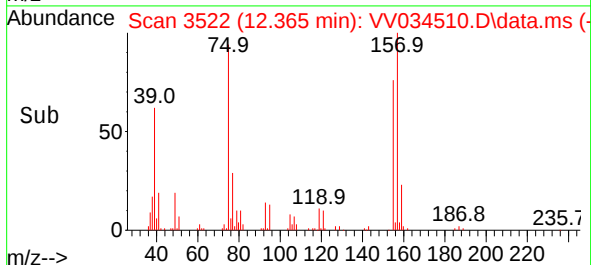
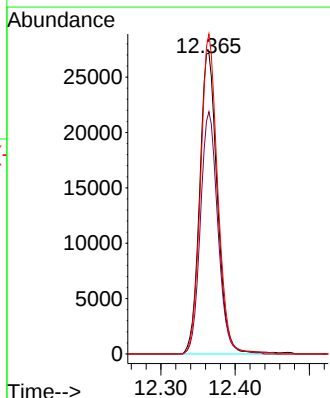
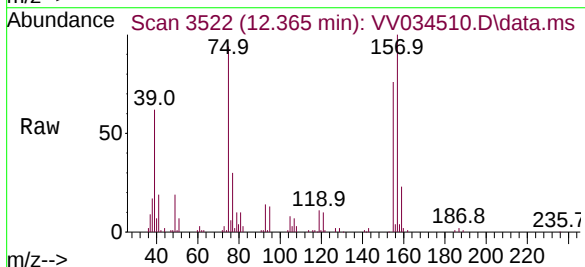
Tgt Ion: 75 Resp: 45088

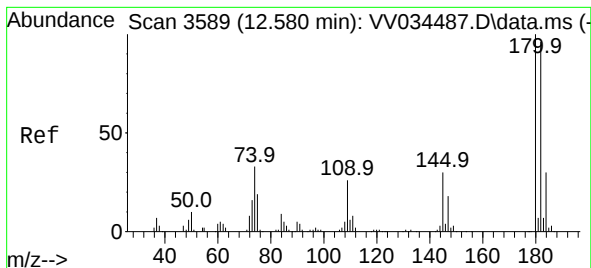
Ion Ratio Lower Upper

75 100

155 80.5 63.3 94.9

157 106.4 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 49.083 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

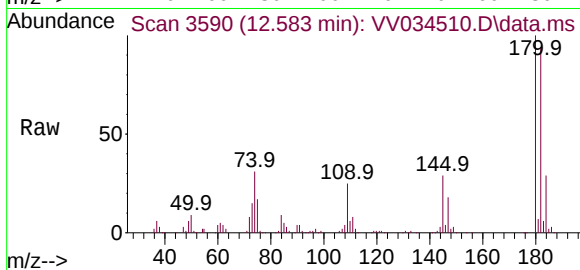
Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 179107

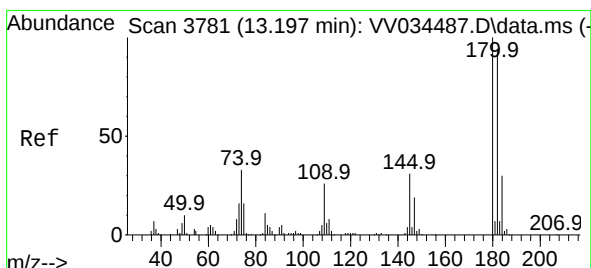
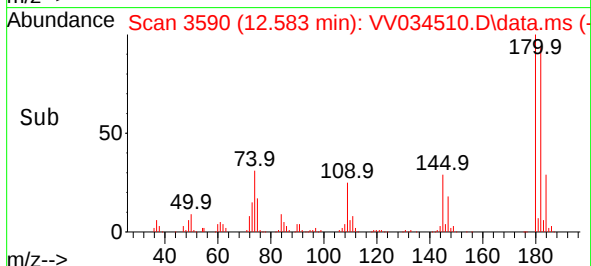
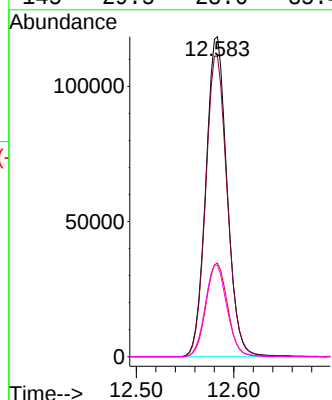
Ion Ratio Lower Upper

180 100

182 95.4 74.6 112.0

184 29.7 23.6 35.4

145 29.5 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 50.125 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034510.D

Acq: 06 Mar 2024 15:17

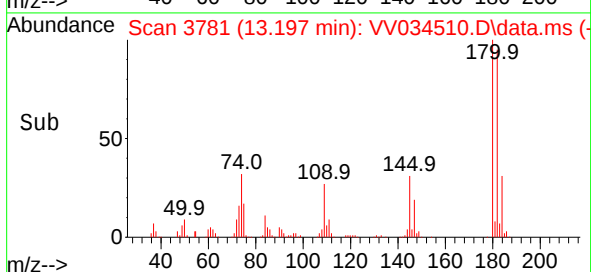
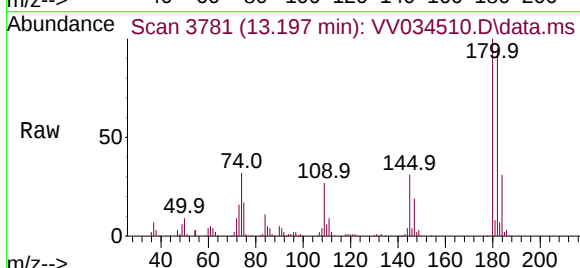
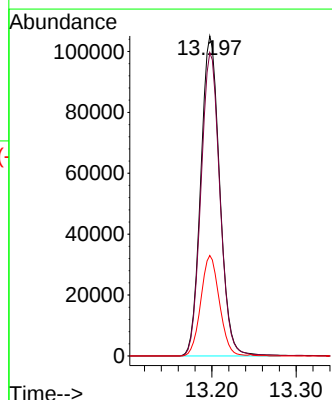
Tgt Ion:180 Resp: 164582

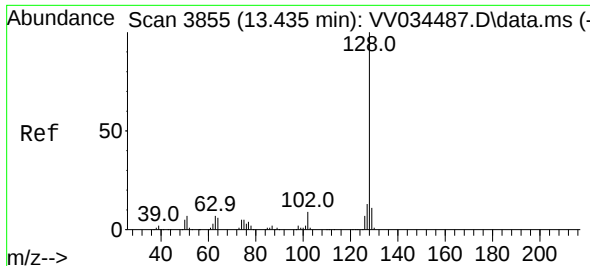
Ion Ratio Lower Upper

180 100

182 94.4 74.8 112.2

145 30.7 24.2 36.4

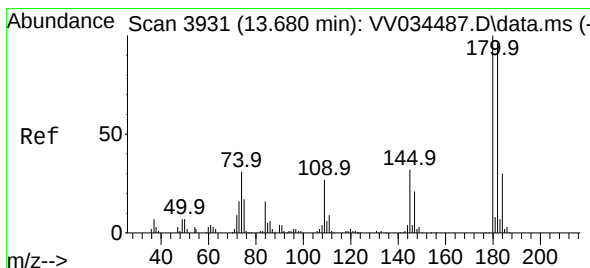
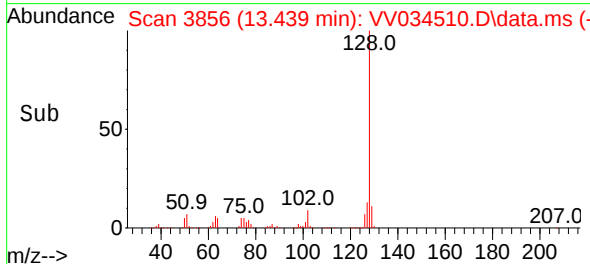
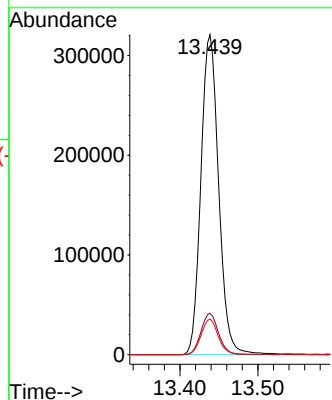
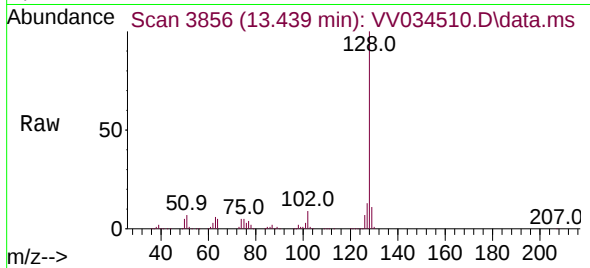




#71
Naphthalene
Concen: 57.702 ug/L
RT: 13.439 min Scan# 3855
Delta R.T. 0.003 min
Lab File: VV034510.D
Acq: 06 Mar 2024 15:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 506799
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 53.205 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV034510.D
Acq: 06 Mar 2024 15:17

Tgt Ion:180 Resp: 170422
Ion Ratio Lower Upper
180 100
182 93.9 75.9 113.9
145 31.9 25.5 38.3

