

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031124\
 Data File : VV034547.D
 Acq On : 11 Mar 2024 16:53
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 12 01:34:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 12 01:30:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	312851	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	289237	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	151652	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	91819	33.855	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.720%
7) Chloroethane-d5	1.526	69	84487	39.986	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.980%
11) 1,1-Dichloroethene-d2	2.056	65	43953	35.835	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.660%
21) 2-Butanone-d5	3.780	46	213186	117.543	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.540%
24) Chloroform-d	4.246	84	220120	45.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	4.940	65	145353	46.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.780%
32) Benzene-d6	4.957	84	380293	43.565	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.140%
36) 1,2-Dichloropropane-d6	5.989	67	126647	47.540	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.080%
41) Toluene-d8	7.243	98	336519	42.600	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.551	79	61953	46.310	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.620%
47) 2-Hexanone-d5	8.021	63	154348	116.026	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.030%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	180448	51.472	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.940%
66) 1,2-Dichlorobenzene-d4	11.561	152	138013	44.523	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	158651	48.346	ug/L	100
3) Chloromethane	1.214	50	155255	48.148	ug/L	97
5) Vinyl chloride	1.281	62	153249	48.960	ug/L	96
6) Bromomethane	1.478	94	94155	50.136	ug/L	99
8) Chloroethane	1.542	64	92293	49.609	ug/L	100
9) Trichlorofluoromethane	1.709	101	224833	47.966	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	120733	47.790	ug/L	98
12) 1,1-Dichloroethene	2.066	96	111682	47.674	ug/L	94
13) Acetone	2.108	43	175923	80.686	ug/L	99
14) Carbon disulfide	2.236	76	319130	49.086	ug/L	99
15) Methyl Acetate	2.368	43	158395	56.785	ug/L	99
16) Methylene chloride	2.445	84	129170	51.982	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	115216	50.814	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	427403	52.490	ug/L	99
19) 1,1-Dichloroethane	3.108	63	232473	52.339	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	127781	51.941	ug/L	95
22) 2-Butanone	3.860	43	215854	100.256	ug/L	99
23) Bromochloromethane	4.146	128	68247	53.648	ug/L	96
25) Chloroform	4.275	83	234729	50.986	ug/L	99

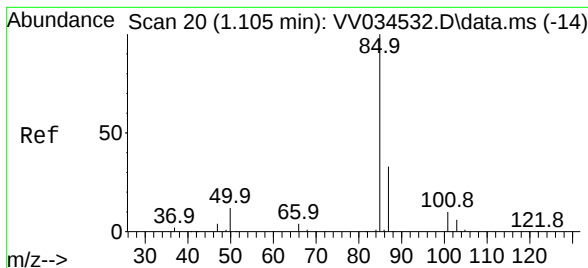
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031124\
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 QLast Update : Tue Mar 12 01:30:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	191275	51.138	ug/L	99
29) Cyclohexane	4.580	56	194019	50.998	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	214980	51.832	ug/L	99
31) Carbon tetrachloride	4.731	117	186658	50.831	ug/L	100
33) Benzene	5.008	78	472319	52.609	ug/L	100
34) Trichloroethene	5.831	95	130169	51.006	ug/L	97
35) Methylcyclohexane	6.050	83	200725	51.737	ug/L	99
37) 1,2-Dichloropropane	6.092	63	125963	53.590	ug/L	100
38) Bromodichloromethane	6.429	83	173383	52.441	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	208857	54.843	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	400275	115.488	ug/L	100
42) Toluene	7.313	91	495160	52.112	ug/L	97
44) trans-1,3-Dichloropropene	7.580	75	192777	52.633	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	121780	53.697	ug/L	99
46) Tetrachloroethene	7.905	164	97136	51.180	ug/L	97
48) 2-Hexanone	8.072	43	310173	112.307	ug/L	99
49) Dibromochloromethane	8.175	129	127473	53.263	ug/L	99
50) 1,2-Dibromoethane	8.281	107	127573	53.010	ug/L	98
51) Chlorobenzene	8.812	112	311507	50.712	ug/L	100
52) Ethylbenzene	8.944	91	543243	51.025	ug/L	100
53) m,p-Xylene	9.072	106	205127	50.772	ug/L	99
54) o-Xylene	9.477	106	203254	51.376	ug/L	96
55) Styrene	9.493	104	343745	51.318	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	180748	53.062	ug/L	99
59) Bromoform	9.664	173	85160	50.649	ug/L	100
60) Isopropylbenzene	9.866	105	551688	51.436	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	155344	53.662	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	465103	51.407	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	465791	52.053	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	250019	50.417	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	250487	49.740	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	248913	50.091	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	45989	53.331	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	185901	49.970	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	168844	50.439	ug/L	99
71) Naphthalene	13.439	128	487540	54.447	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	170743	52.285	ug/L	99

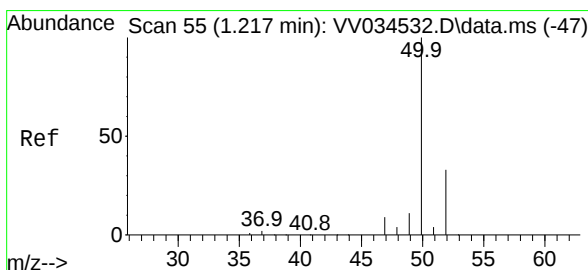
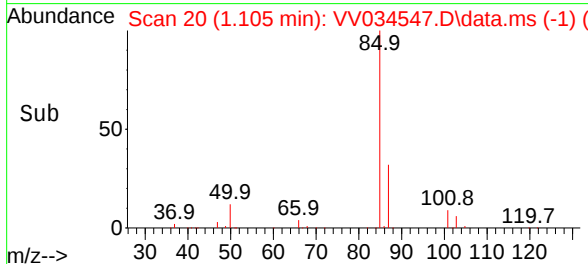
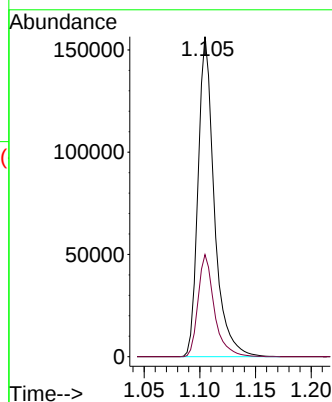
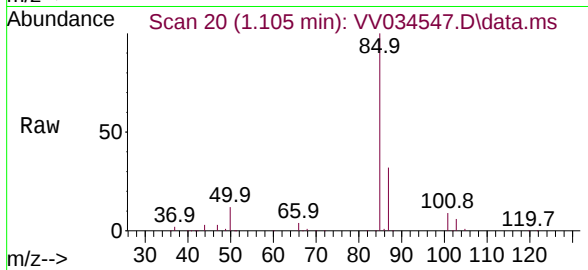
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 48.346 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV034547.D
Acq: 11 Mar 2024 16:53

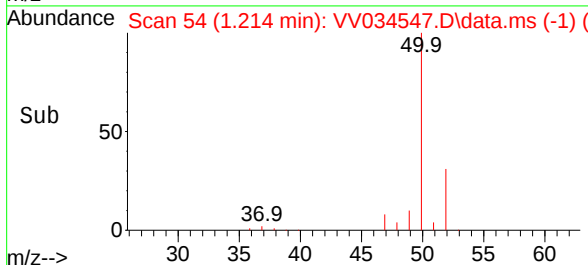
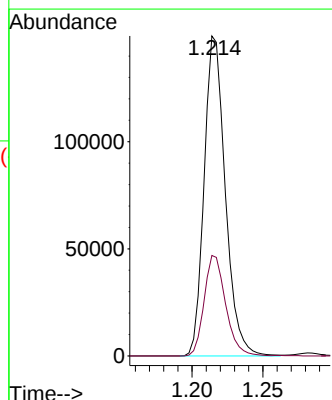
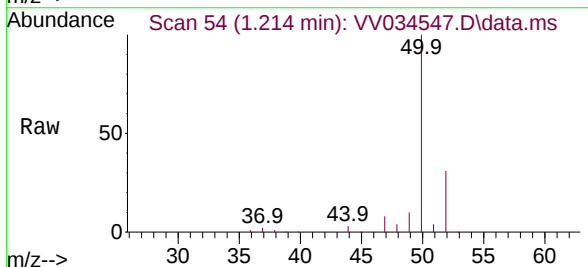
Instrument :
MSVOA_V
ClientSampleId :

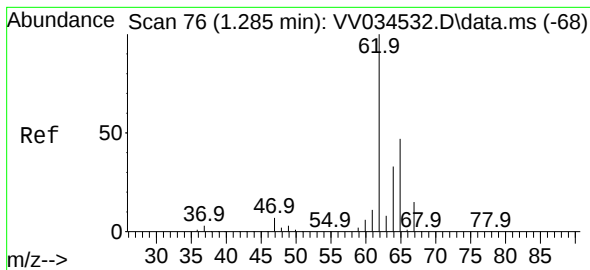
Tgt Ion: 85 Resp: 158651
Ion Ratio Lower Upper
85 100
87 31.9 25.5 38.3



#3
Chloromethane
Concen: 48.148 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV034547.D
Acq: 11 Mar 2024 16:53

Tgt Ion: 50 Resp: 155255
Ion Ratio Lower Upper
50 100
52 31.4 23.0 42.8





#5

Vinyl chloride

Concen: 48.960 ug/L

RT: 1.281 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

Instrument :

MSVOA_V

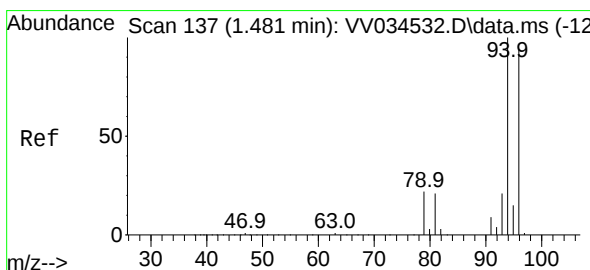
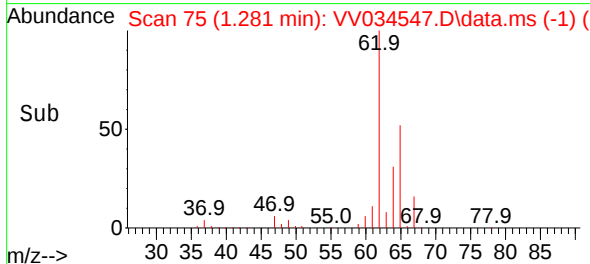
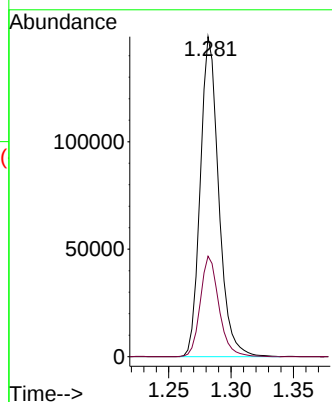
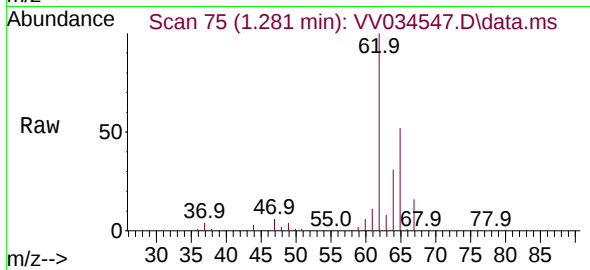
ClientSampleId :

Tgt Ion: 62 Resp: 153249

Ion Ratio Lower Upper

62 100

64 31.4 23.4 43.6



#6

Bromomethane

Concen: 50.136 ug/L

RT: 1.478 min Scan# 136

Delta R.T. -0.003 min

Lab File: VV034547.D

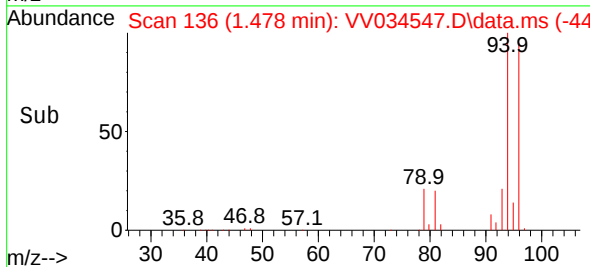
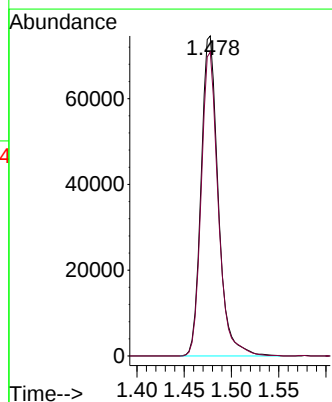
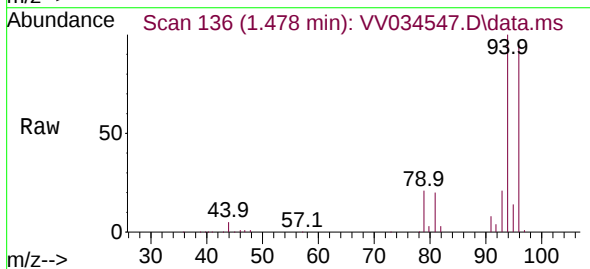
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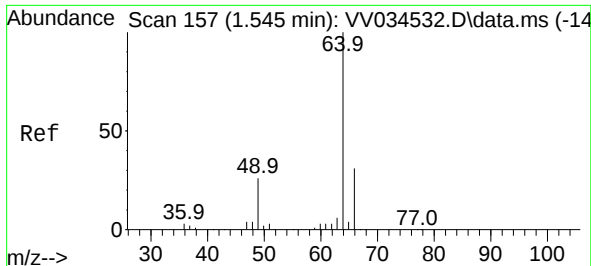
Tgt Ion: 94 Resp: 94155

Ion Ratio Lower Upper

94 100

96 95.0 66.0 122.6

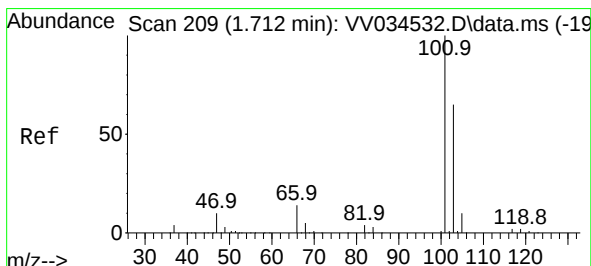
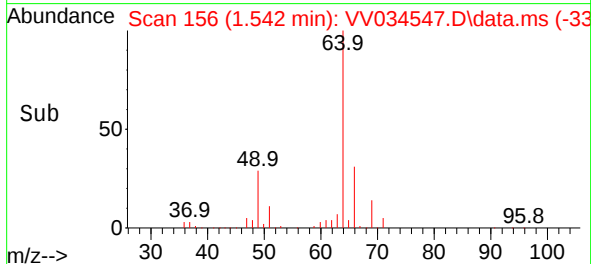
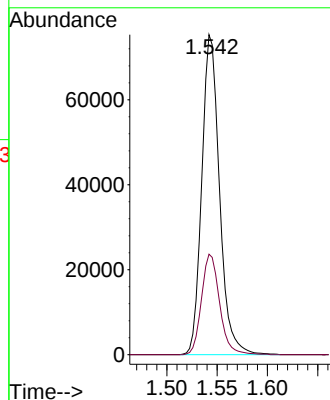
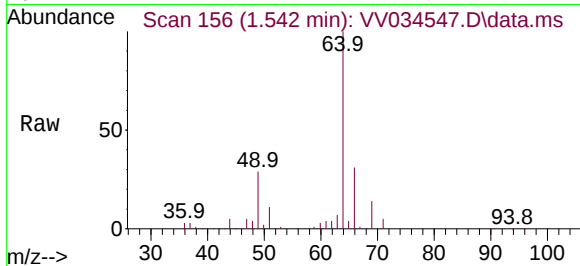




#8
Chloroethane
Concen: 49.609 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV034547.D
Acq: 11 Mar 2024 16:53

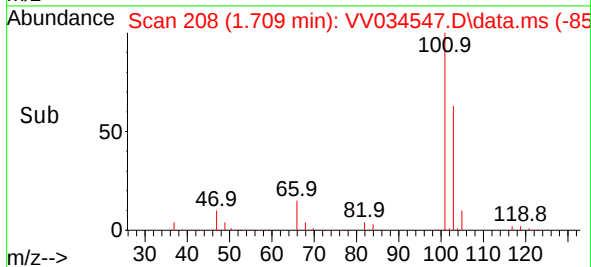
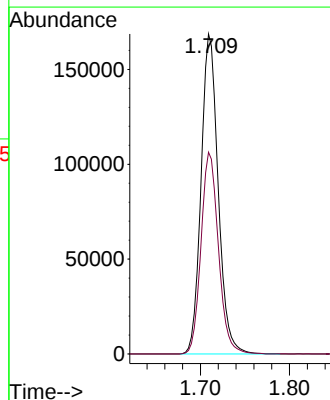
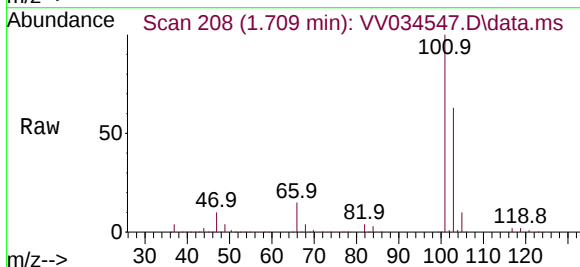
Instrument :
MSVOA_V
ClientSampleId :

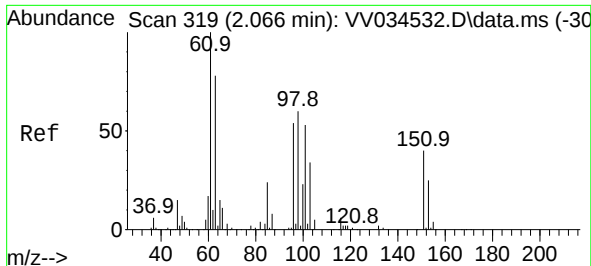
Tgt Ion: 64 Resp: 92293
Ion Ratio Lower Upper
64 100
66 31.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 47.966 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV034547.D
Acq: 11 Mar 2024 16:53

Tgt Ion:101 Resp: 224833
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.8

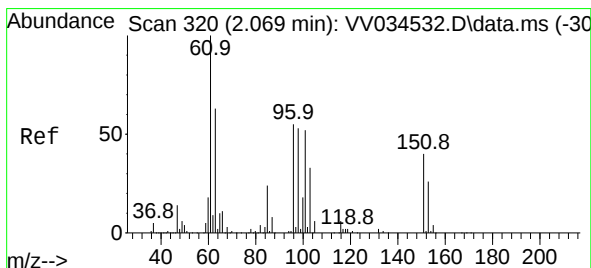
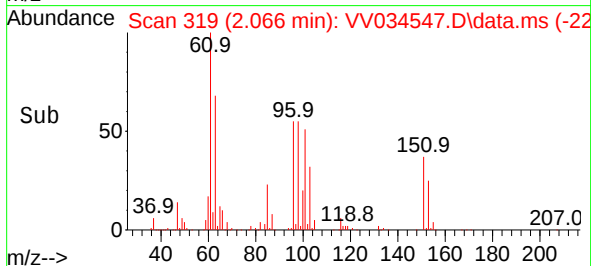
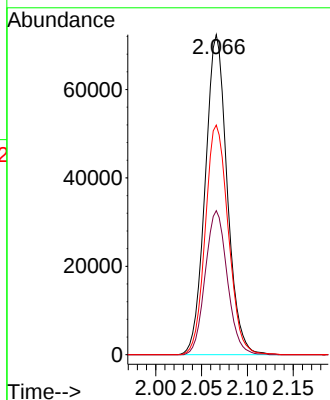
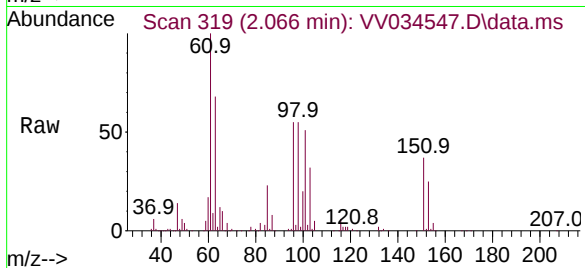




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.790 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV034547.D
 Acq: 11 Mar 2024 16:53

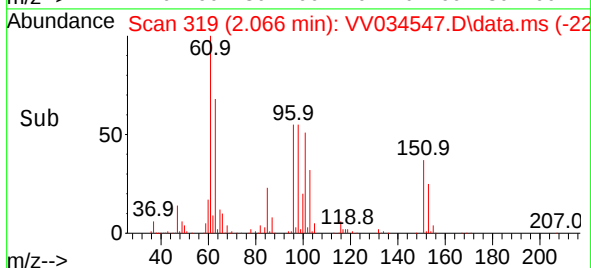
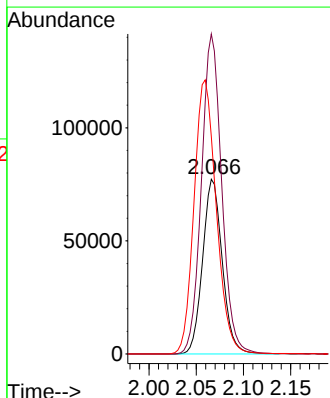
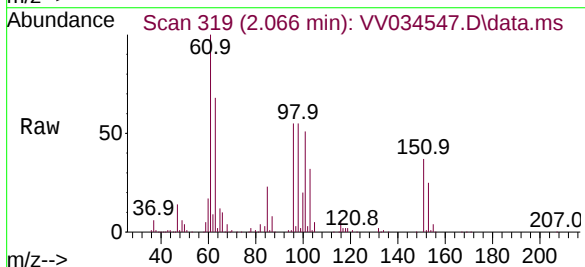
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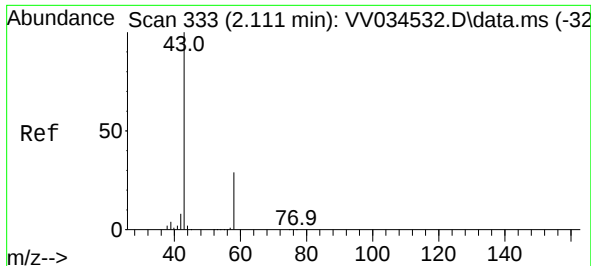
Tgt Ion:101 Resp: 120733
 Ion Ratio Lower Upper
 101 100
 85 45.2 37.4 56.0
 151 75.0 61.4 92.2



#12
 1,1-Dichloroethene
 Concen: 47.674 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV034547.D
 Acq: 11 Mar 2024 16:53

Tgt Ion: 96 Resp: 111682
 Ion Ratio Lower Upper
 96 100
 61 183.1 128.9 239.3
 63 124.4 98.0 182.0





#13

Acetone

Concen: 80.686 ug/L

RT: 2.108 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

Instrument :

MSVOA_V

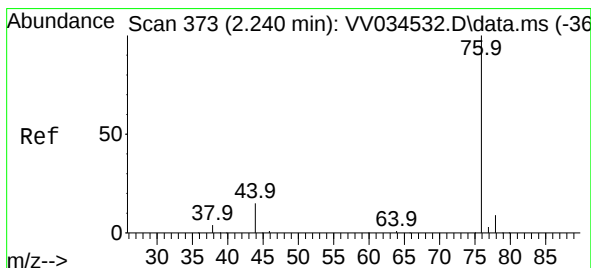
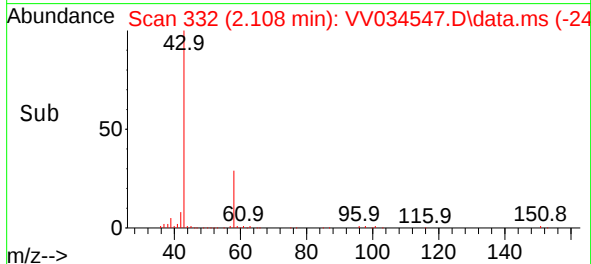
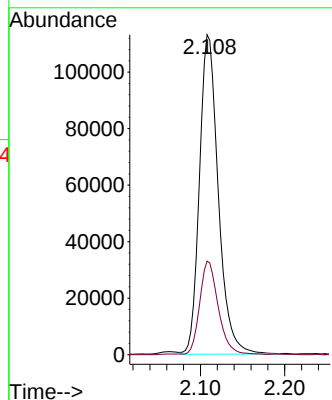
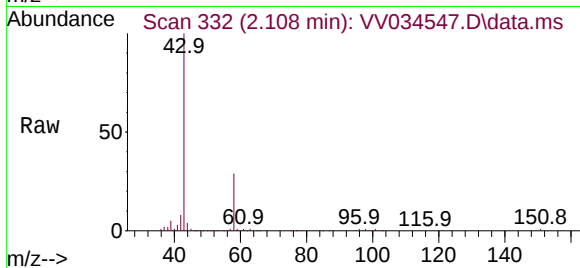
ClientSampleId :

Tgt Ion: 43 Resp: 175923

Ion Ratio Lower Upper

43 100

58 29.0 0.0 57.2



#14

Carbon disulfide

Concen: 49.086 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV034547.D

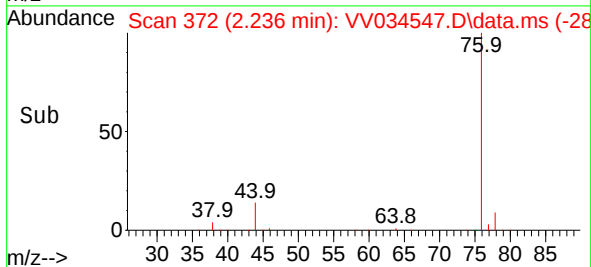
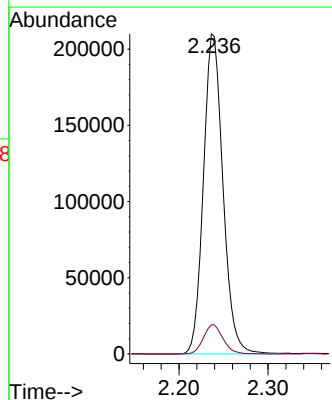
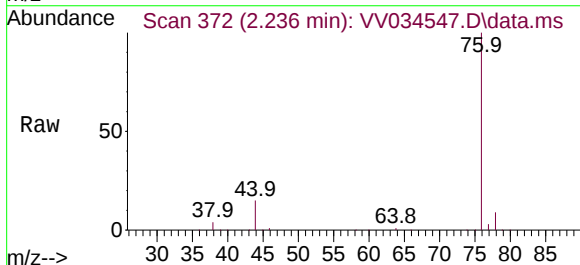
Acq: 11 Mar 2024 16:53

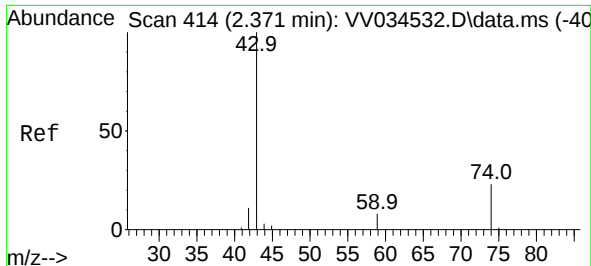
Tgt Ion: 76 Resp: 319130

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3





#15

Methyl Acetate

Concen: 56.785 ug/L

RT: 2.368 min Scan# 414

Delta R.T. -0.003 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

Instrument :

MSVOA_V

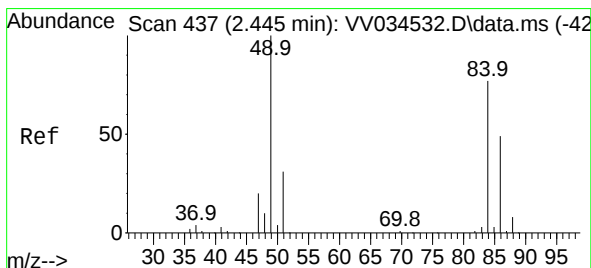
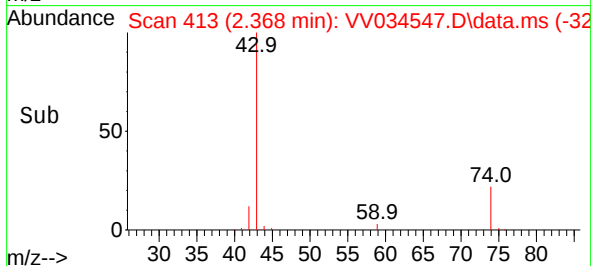
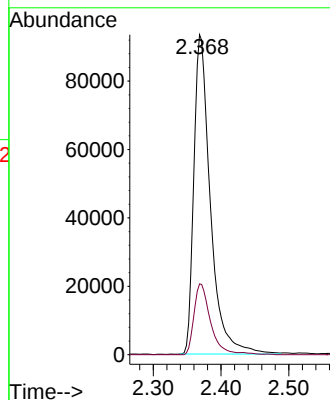
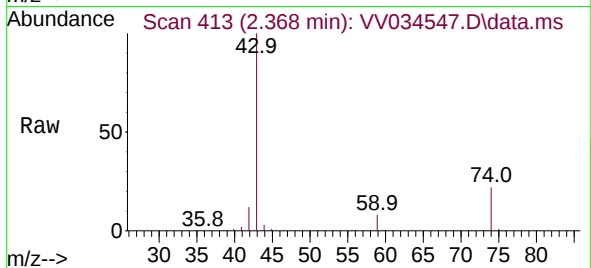
ClientSampleId :

Tgt Ion: 43 Resp: 158395

Ion Ratio Lower Upper

43 100

74 21.7 17.8 26.8



#16

Methylene chloride

Concen: 51.982 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

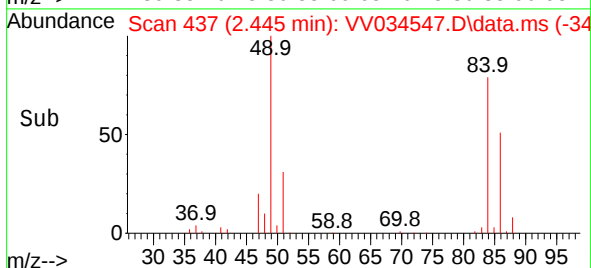
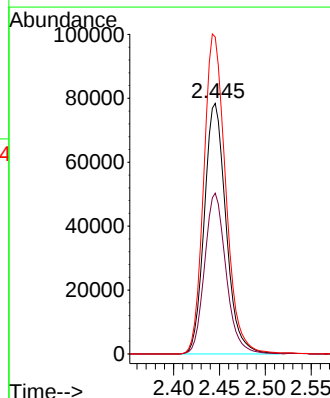
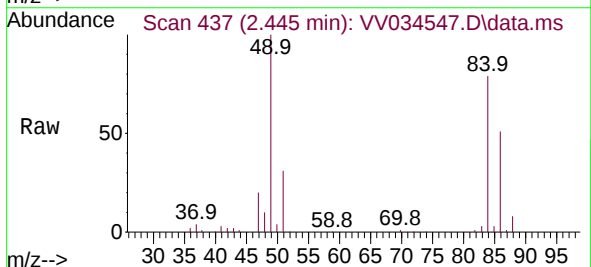
Tgt Ion: 84 Resp: 129170

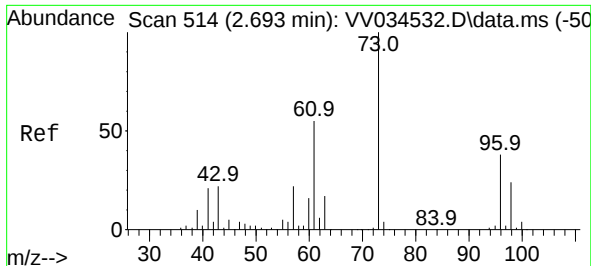
Ion Ratio Lower Upper

84 100

86 64.2 45.6 84.6

49 126.5 92.3 171.3





#17

trans-1,2-Dichloroethene

Concen: 50.814 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.000 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

Instrument :

MSVOA_V

ClientSampleId :

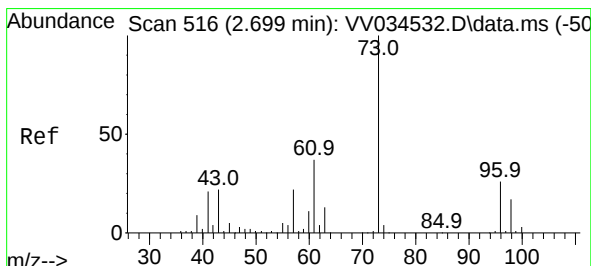
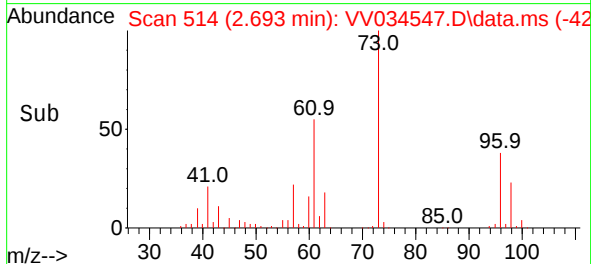
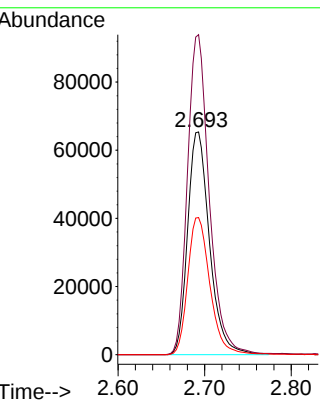
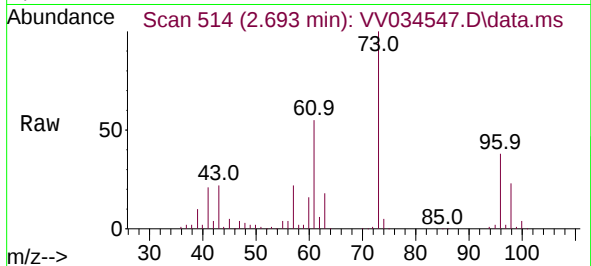
Tgt Ion: 96 Resp: 115216

Ion Ratio Lower Upper

96 100

61 143.7 98.8 183.4

98 61.6 46.1 85.5



#18

Methyl tert-butyl Ether

Concen: 52.490 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

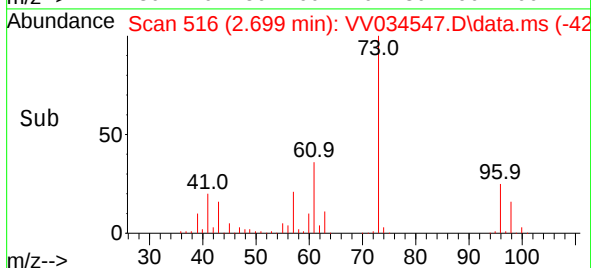
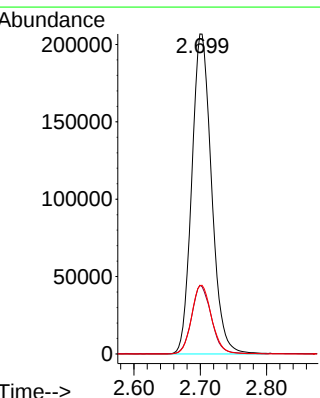
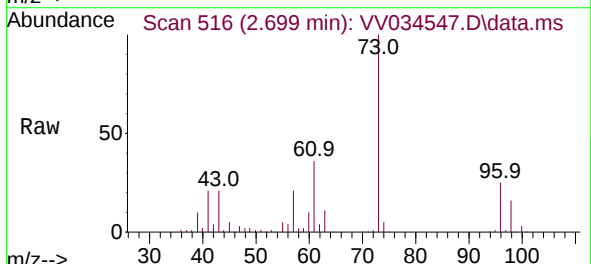
Tgt Ion: 73 Resp: 427403

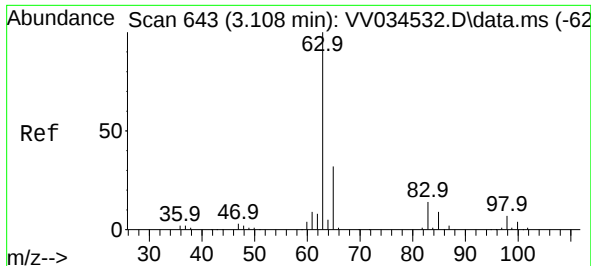
Ion Ratio Lower Upper

73 100

43 21.0 17.1 25.7

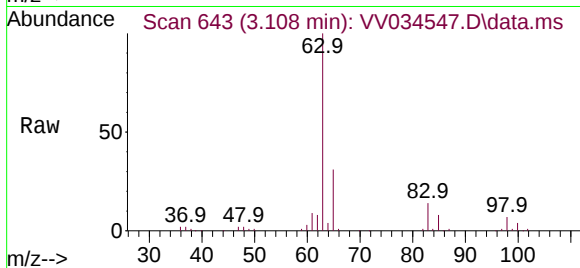
57 21.6 17.6 26.4



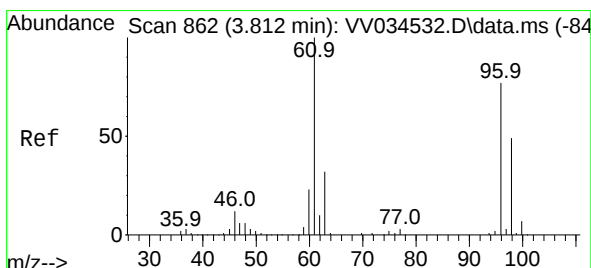
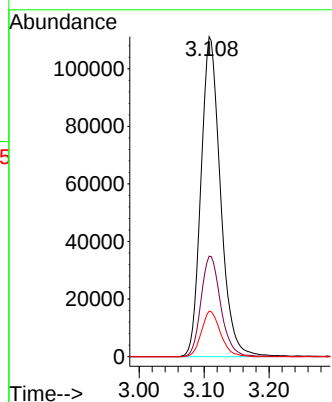
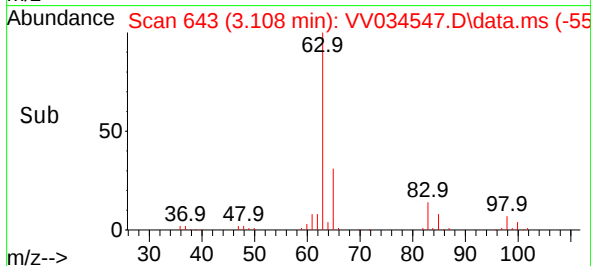


#19
1,1-Dichloroethane
Concen: 52.339 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV034547.D
Acq: 11 Mar 2024 16:53

Instrument :
MSVOA_V
ClientSampleId :

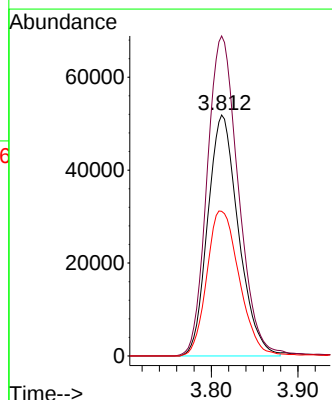
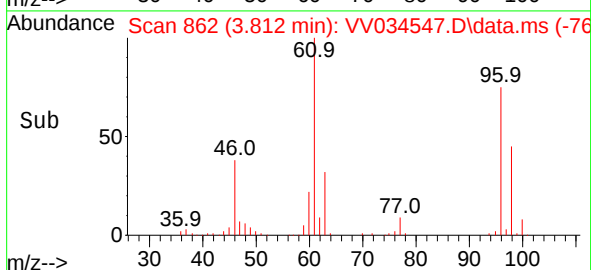
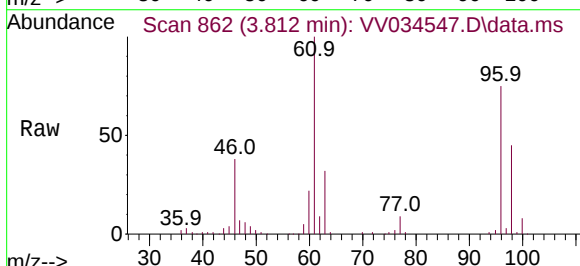


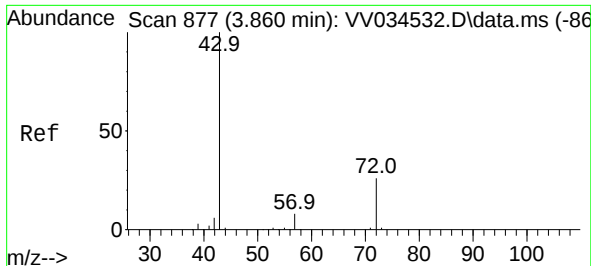
Tgt Ion: 63 Resp: 232473
Ion Ratio Lower Upper
63 100
65 31.4 22.1 41.1
83 14.2 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 51.941 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV034547.D
Acq: 11 Mar 2024 16:53

Tgt Ion: 96 Resp: 127781
Ion Ratio Lower Upper
96 100
61 132.8 96.0 178.4
98 60.0 46.0 85.4

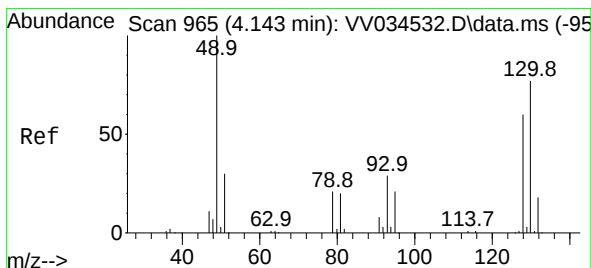
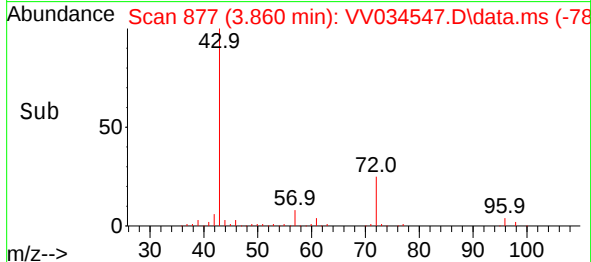
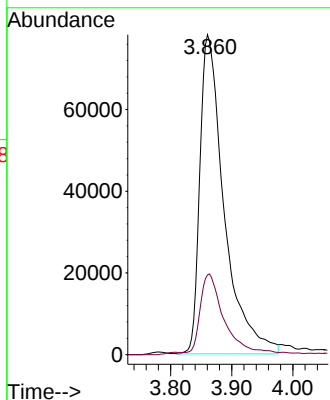
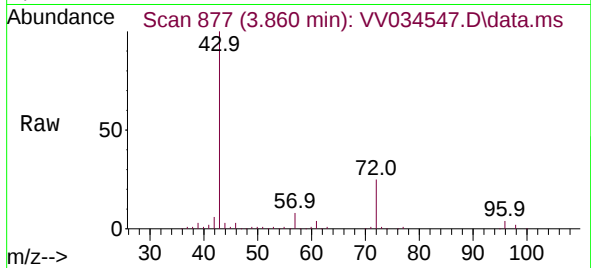




#22
2-Butanone
Concen: 100.256 ug/L
RT: 3.860 min Scan# 877
Delta R.T. 0.000 min
Lab File: VV034547.D
Acq: 11 Mar 2024 16:53

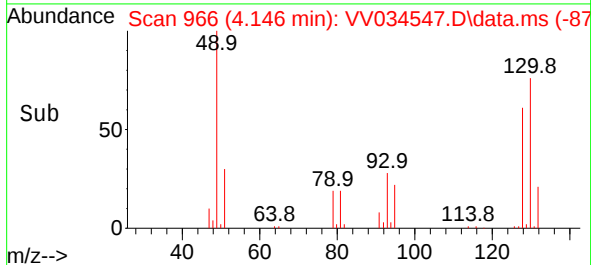
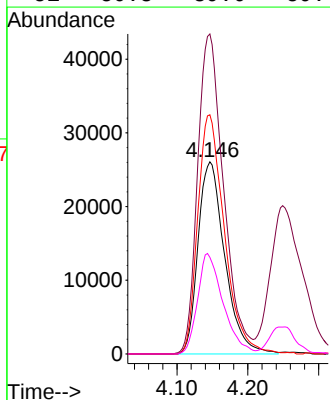
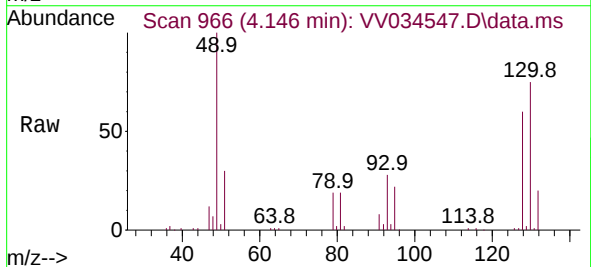
Instrument :
MSVOA_V
ClientSampleId :

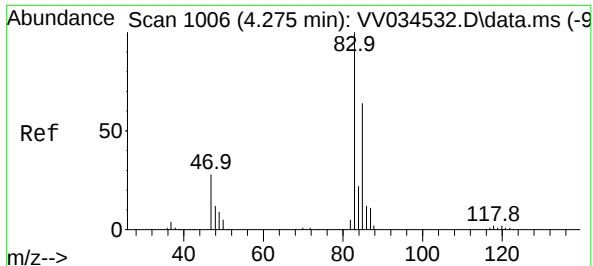
Tgt Ion: 43 Resp: 215854
Ion Ratio Lower Upper
43 100
72 23.2 11.5 34.4



#23
Bromochloromethane
Concen: 53.648 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV034547.D
Acq: 11 Mar 2024 16:53

Tgt Ion:128 Resp: 68247
Ion Ratio Lower Upper
128 100
49 166.5 109.4 203.2
130 124.4 87.7 162.9
51 50.3 39.6 59.4





#25

Chloroform

Concen: 50.986 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

Instrument :

MSVOA_V

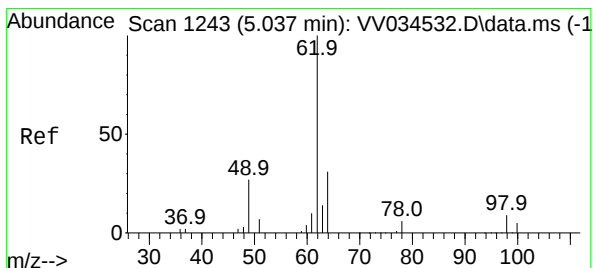
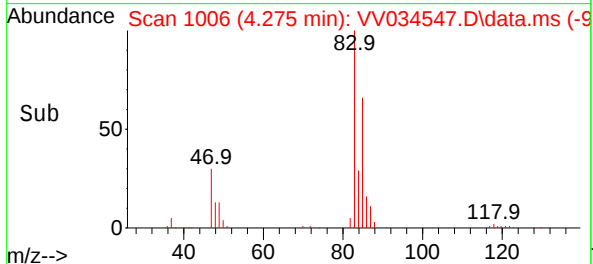
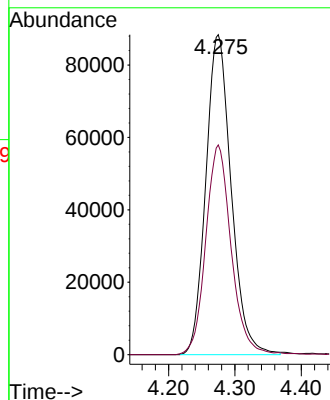
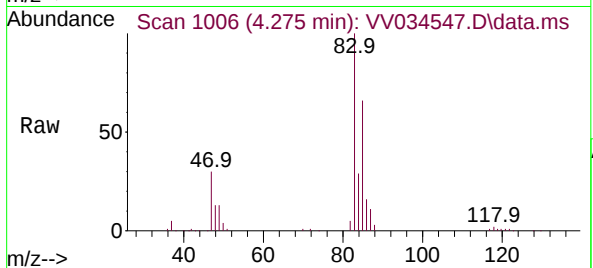
ClientSampleId :

Tgt Ion: 83 Resp: 234729

Ion Ratio Lower Upper

83 100

85 65.5 45.5 84.5



#27

1,2-Dichloroethane

Concen: 51.138 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV034547.D

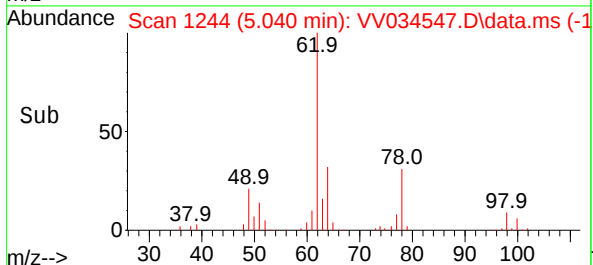
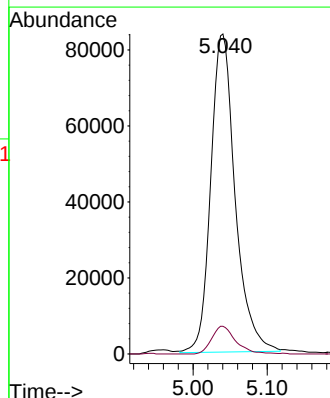
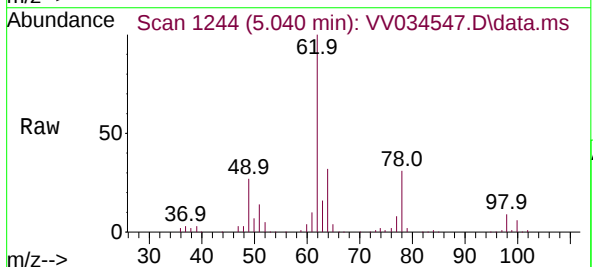
Acq: 11 Mar 2024 16:53

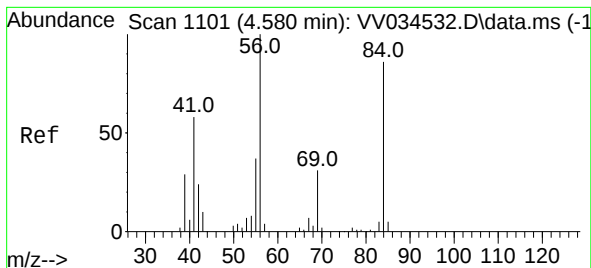
Tgt Ion: 62 Resp: 191275

Ion Ratio Lower Upper

62 100

98 8.7 6.6 10.0





#29

Cyclohexane

Concen: 50.998 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

Instrument :

MSVOA_V

ClientSampleId :

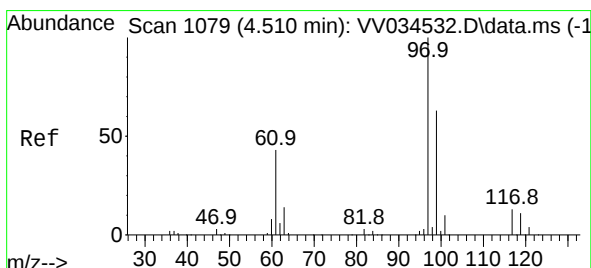
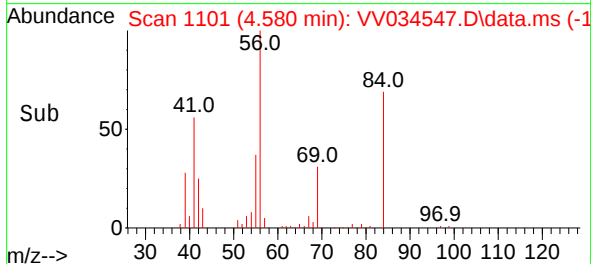
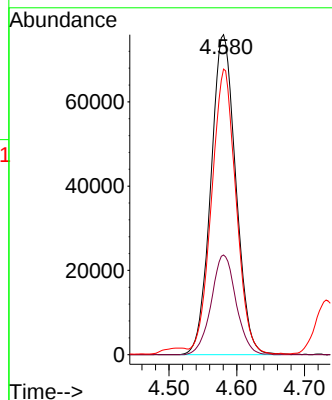
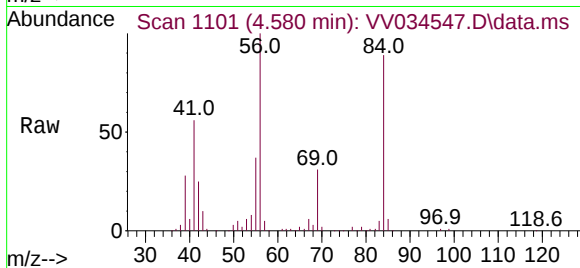
Tgt Ion: 56 Resp: 194019

Ion Ratio Lower Upper

56 100

69 30.9 24.2 36.4

84 87.6 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 51.832 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

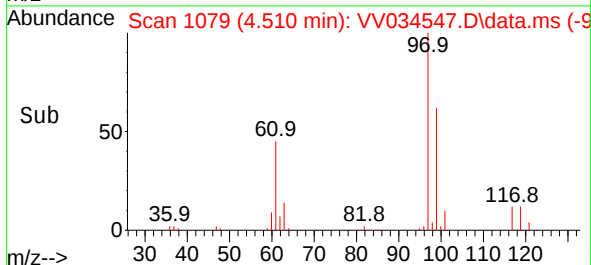
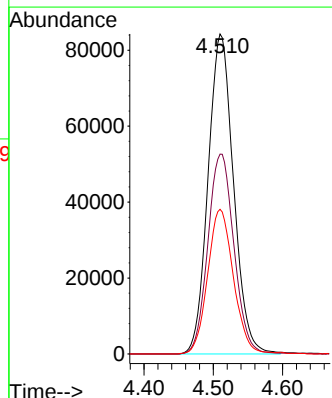
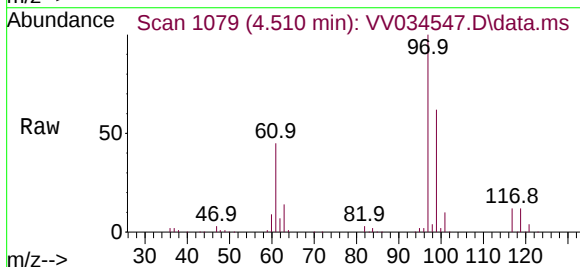
Tgt Ion: 97 Resp: 214980

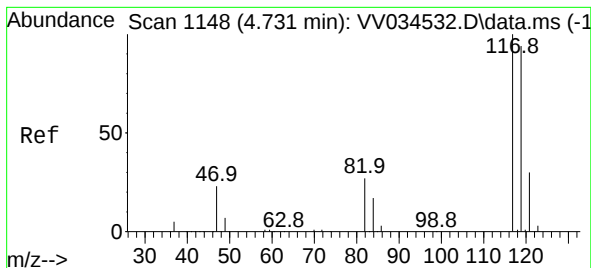
Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

61 45.8 36.0 54.0





#31

Carbon tetrachloride

Concen: 50.831 ug/L

RT: 4.731 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

Instrument :

MSVOA_V

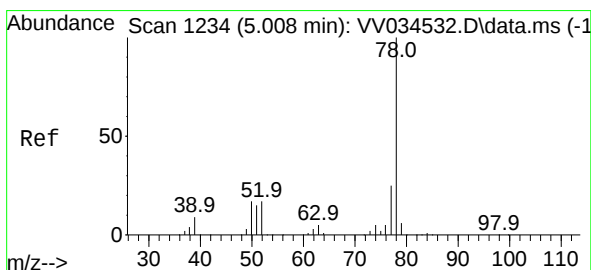
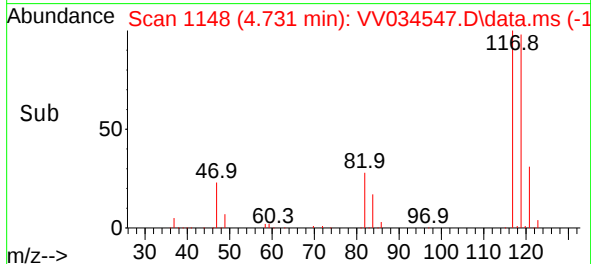
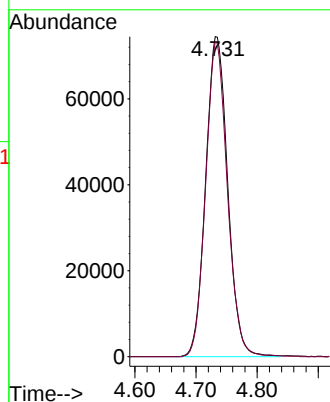
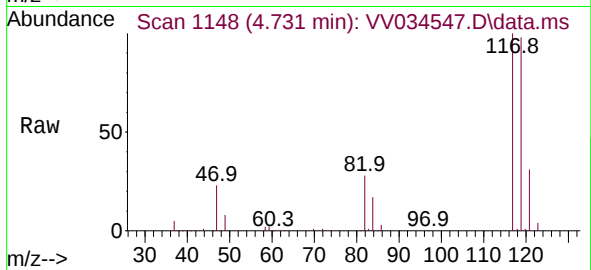
ClientSampleId :

Tgt Ion:117 Resp: 186658

Ion Ratio Lower Upper

117 100

119 96.5 77.5 116.3



#33

Benzene

Concen: 52.609 ug/L

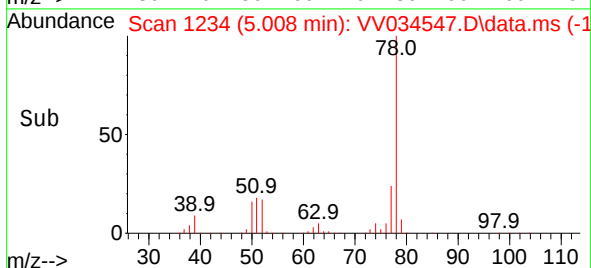
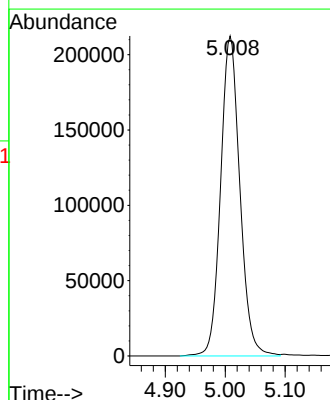
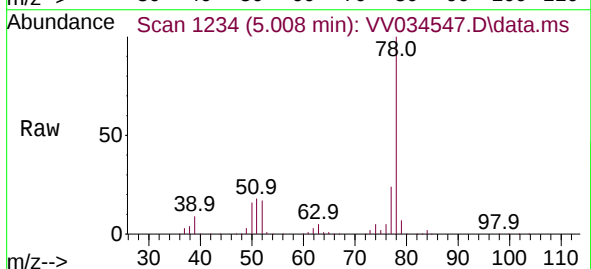
RT: 5.008 min Scan# 1234

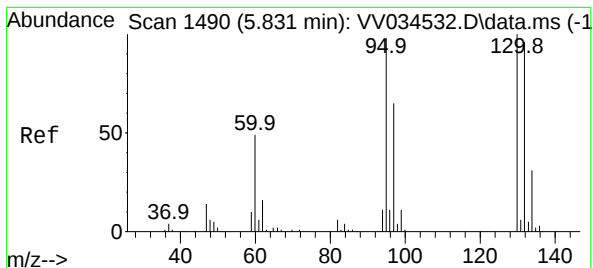
Delta R.T. 0.000 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

Tgt Ion: 78 Resp: 472319





#34

Trichloroethene

Concen: 51.006 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 130169

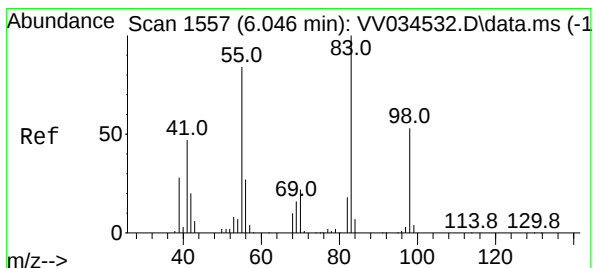
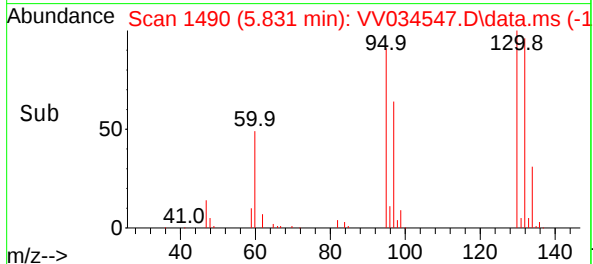
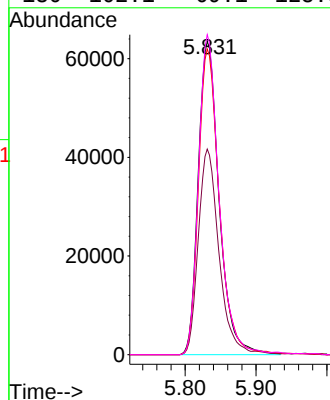
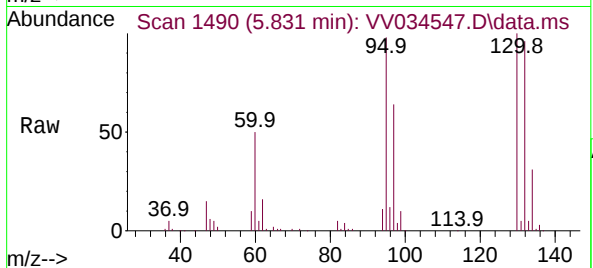
Ion Ratio Lower Upper

95 100

97 65.6 44.7 83.1

132 97.5 65.3 121.3

130 102.1 69.1 128.3



#35

Methylcyclohexane

Concen: 51.737 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

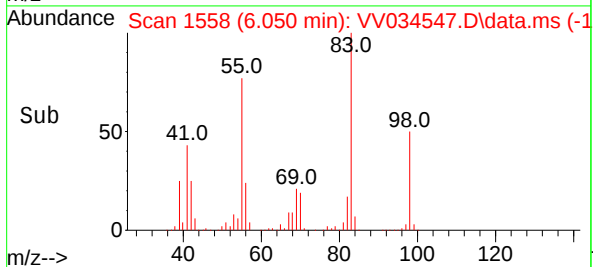
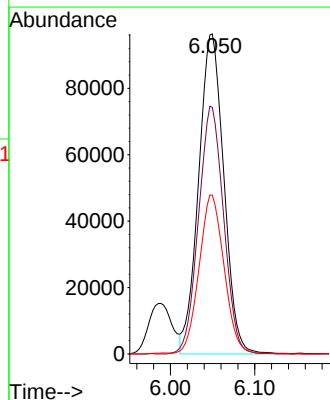
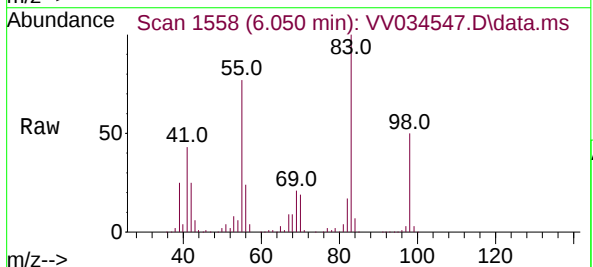
Tgt Ion: 83 Resp: 200725

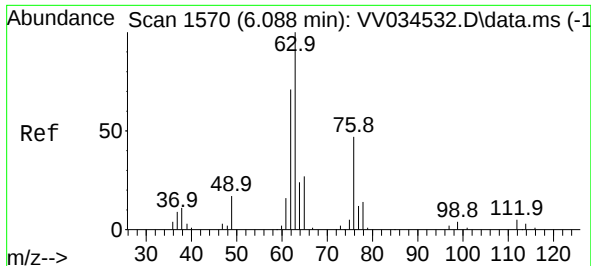
Ion Ratio Lower Upper

83 100

55 76.8 62.6 94.0

98 48.8 39.5 59.3





#37

1,2-Dichloropropane

Concen: 53.590 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

Instrument :

MSVOA_V

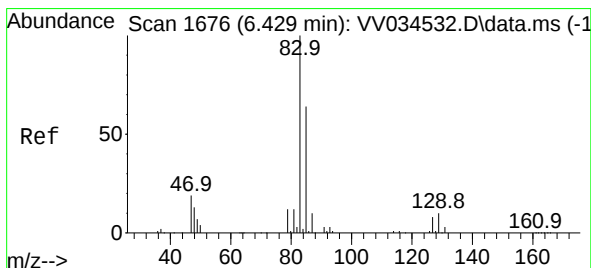
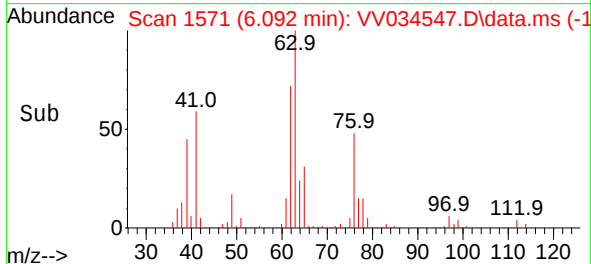
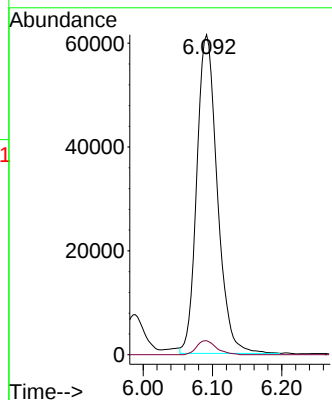
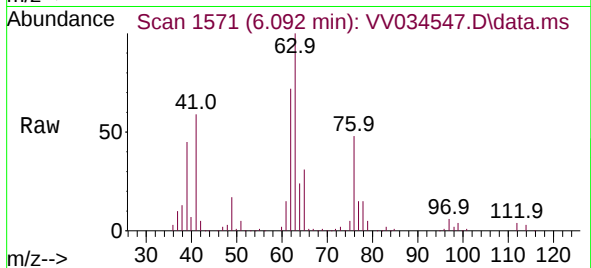
ClientSampleId :

Tgt Ion: 63 Resp: 125963

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 52.441 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

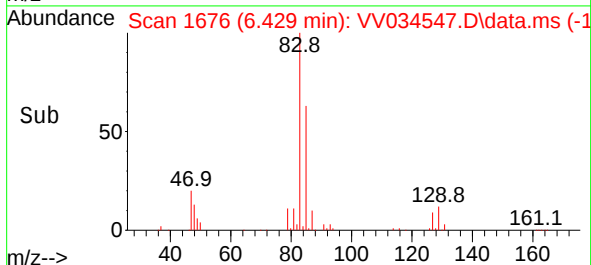
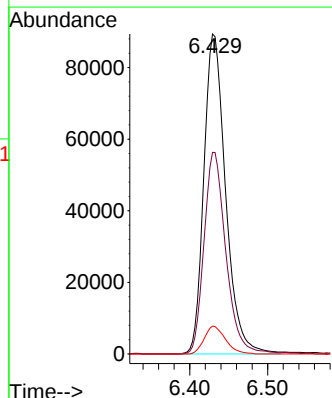
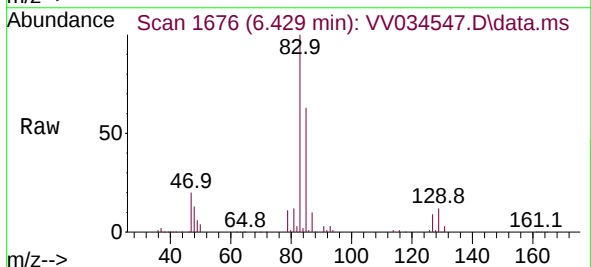
Tgt Ion: 83 Resp: 173383

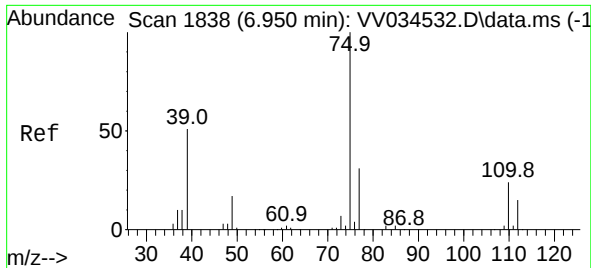
Ion Ratio Lower Upper

83 100

85 63.0 44.6 82.8

127 8.7 6.9 10.3

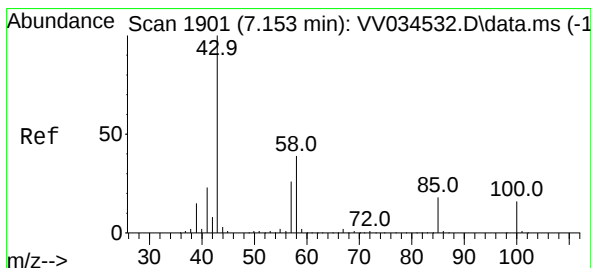
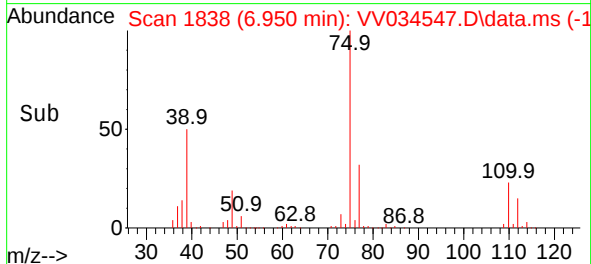
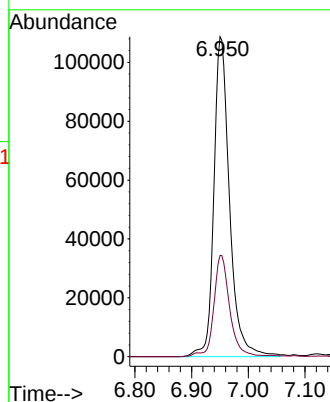
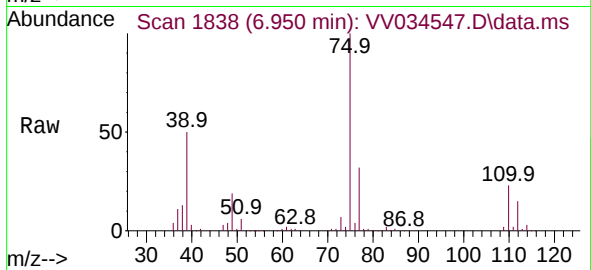




#39
 cis-1,3-Dichloropropene
 Concen: 54.843 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV034547.D
 Acq: 11 Mar 2024 16:53

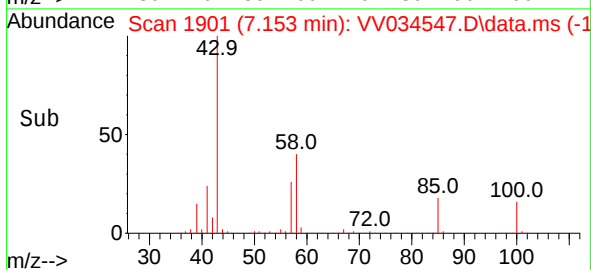
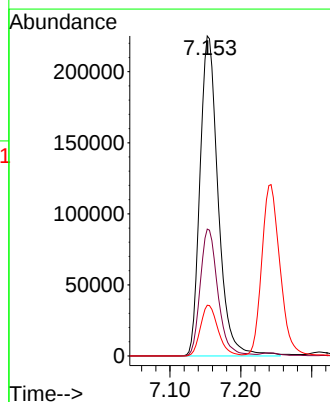
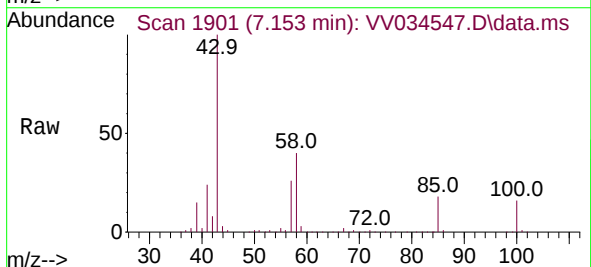
Instrument :
 MSVOA_V
 ClientSampleId :

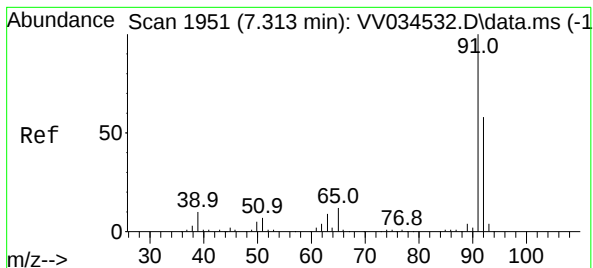
Tgt Ion: 75 Resp: 208857
 Ion Ratio Lower Upper
 75 100
 77 31.7 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 115.488 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VV034547.D
 Acq: 11 Mar 2024 16:53

Tgt Ion: 43 Resp: 400275
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.6 46.0
 100 15.4 12.5 18.7





#42

Toluene

Concen: 52.112 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

Instrument :

MSVOA_V

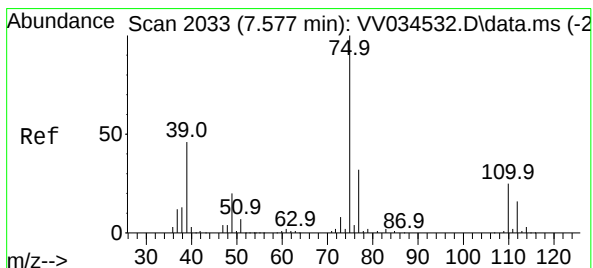
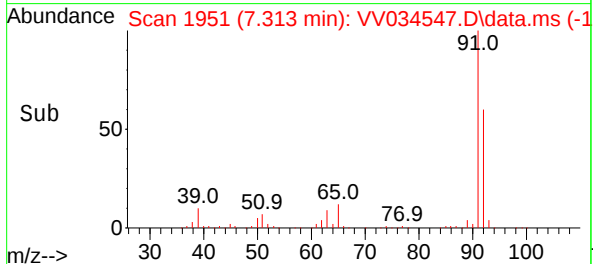
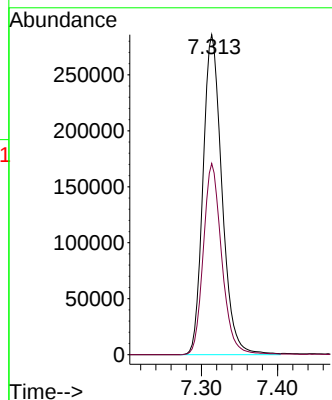
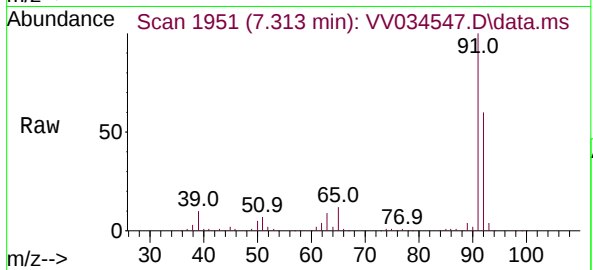
ClientSampleId :

Tgt Ion: 91 Resp: 495160

Ion Ratio Lower Upper

91 100

92 59.7 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 52.633 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV034547.D

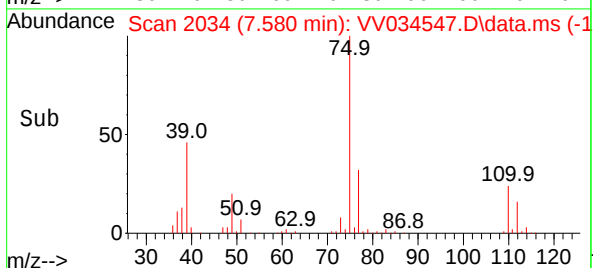
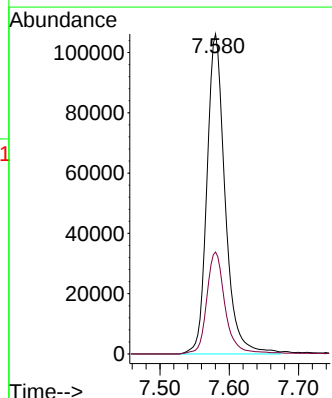
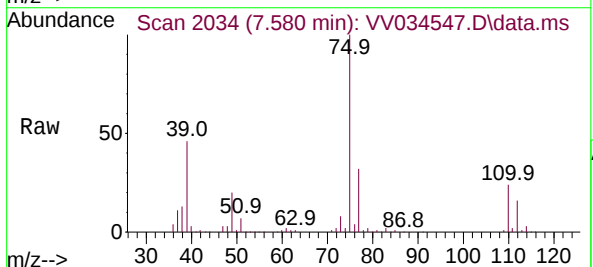
Acq: 11 Mar 2024 16:53

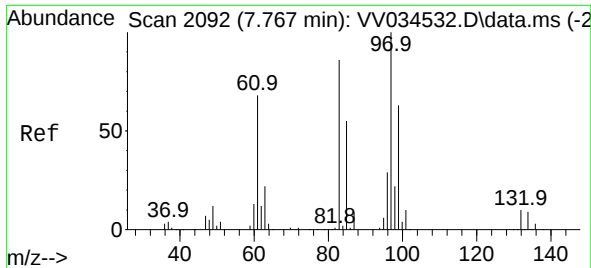
Tgt Ion: 75 Resp: 192777

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.4

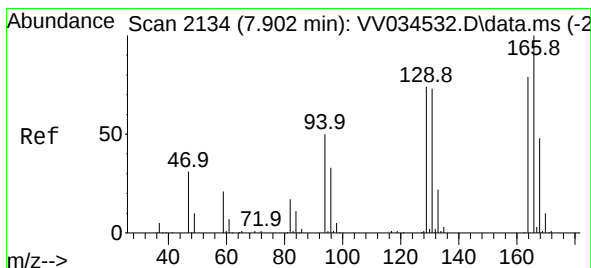
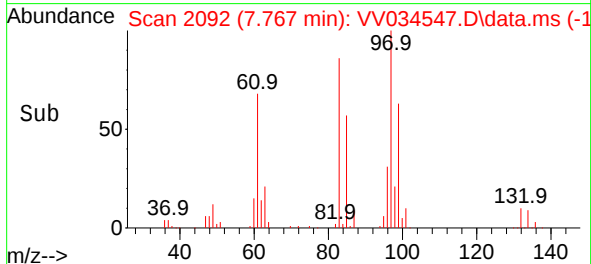
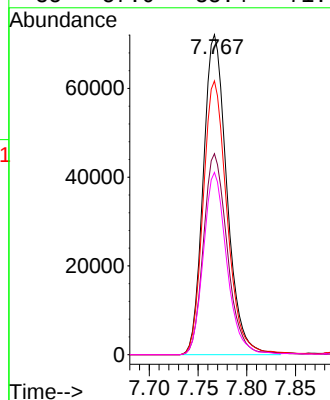
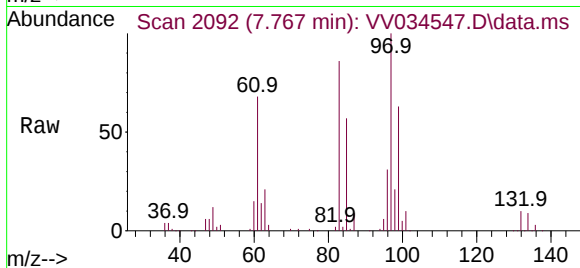




#45
1,1,2-Trichloroethane
Concen: 53.697 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV034547.D
Acq: 11 Mar 2024 16:53

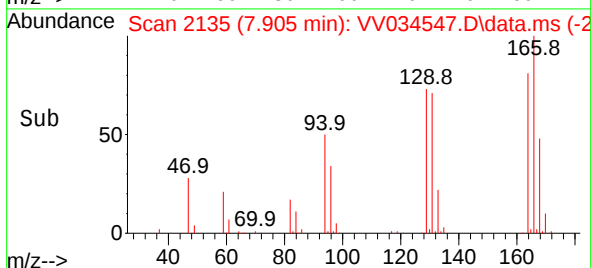
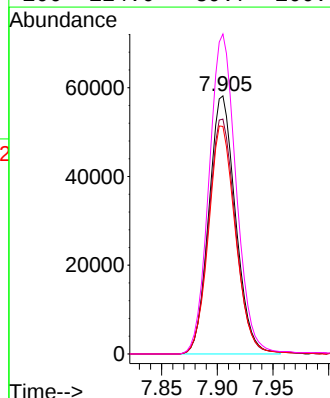
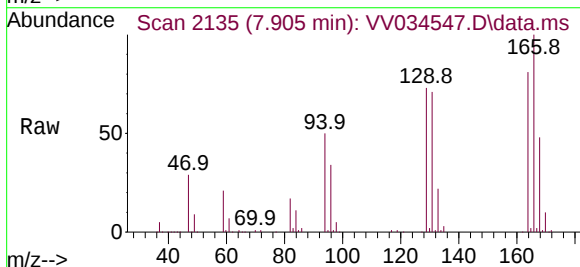
Instrument :
MSVOA_V
ClientSampleId :

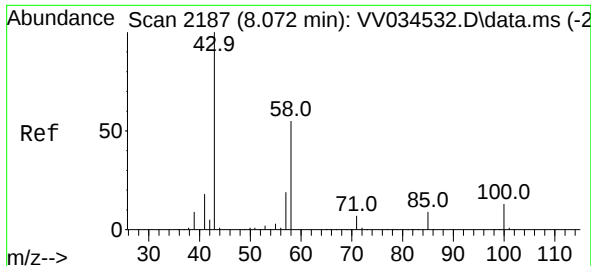
Tgt Ion:	97	Resp:	121780
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.8	81.4
83	85.5	59.4	110.2
85	57.0	38.4	71.4



#46
Tetrachloroethene
Concen: 51.180 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034547.D
Acq: 11 Mar 2024 16:53

Tgt Ion:	164	Resp:	97136
Ion	Ratio	Lower	Upper
164	100		
129	91.0	65.7	121.9
131	88.2	62.2	115.6
166	124.0	89.7	166.7

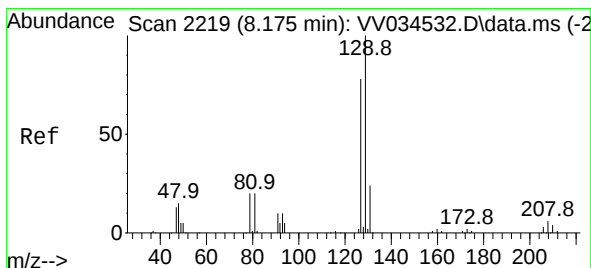
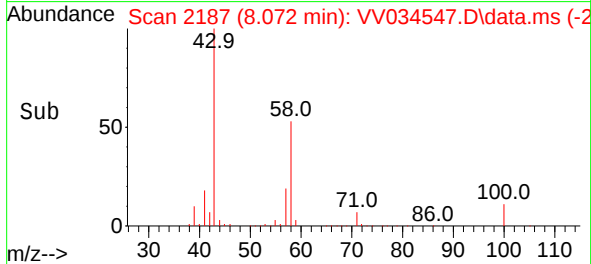
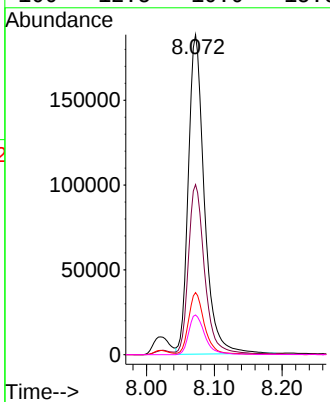
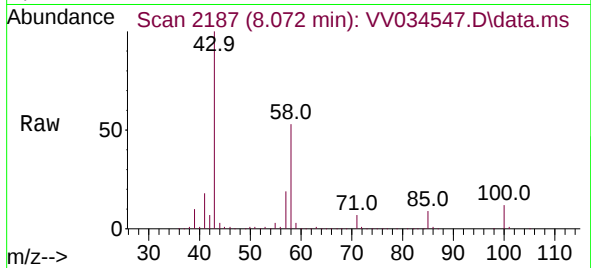




#48
2-Hexanone
Concen: 112.307 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV034547.D
Acq: 11 Mar 2024 16:53

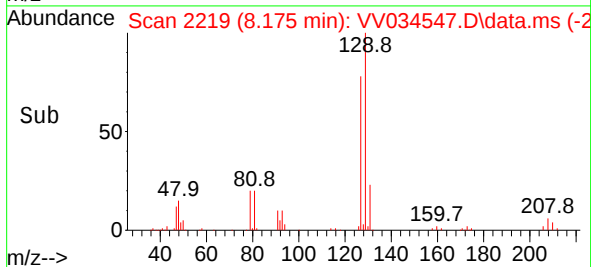
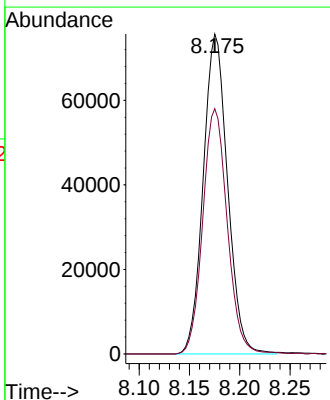
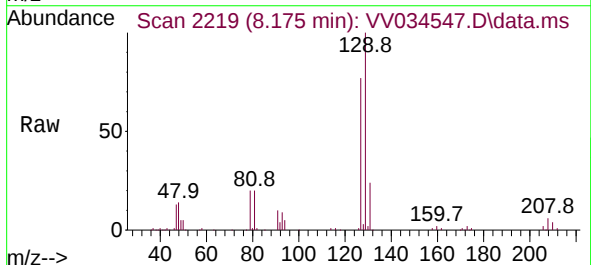
Instrument :
MSVOA_V
ClientSampleId :

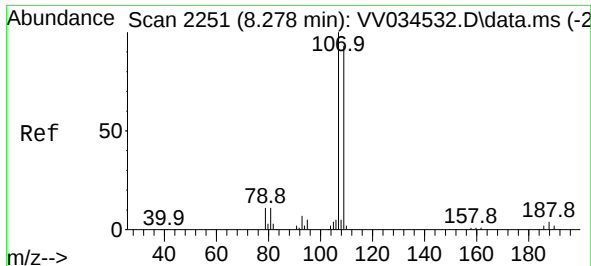
Tgt Ion: 43 Resp: 310173
Ion Ratio Lower Upper
43 100
58 53.2 42.0 63.0
57 18.9 15.2 22.8
100 12.5 10.0 15.0



#49
Dibromochloromethane
Concen: 53.263 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV034547.D
Acq: 11 Mar 2024 16:53

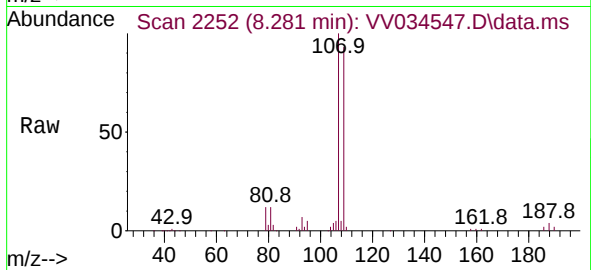
Tgt Ion: 129 Resp: 127473
Ion Ratio Lower Upper
129 100
127 76.7 53.3 98.9



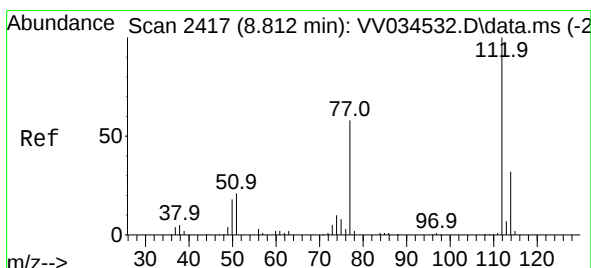
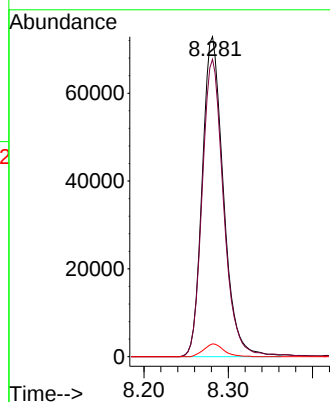
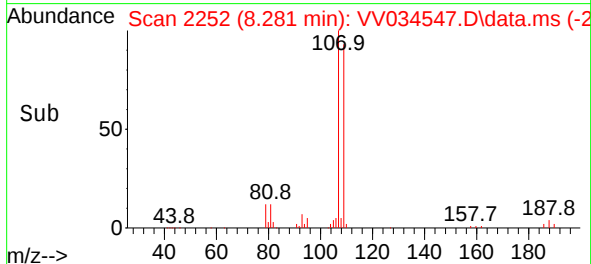


#50
1,2-Dibromoethane
Concen: 53.010 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034547.D
Acq: 11 Mar 2024 16:53

Instrument :
MSVOA_V
ClientSampleId :

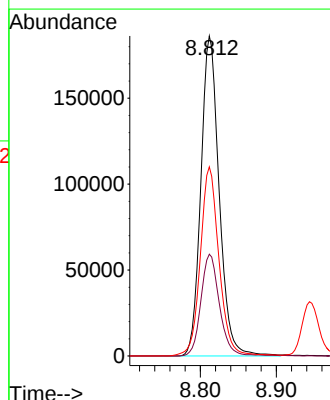
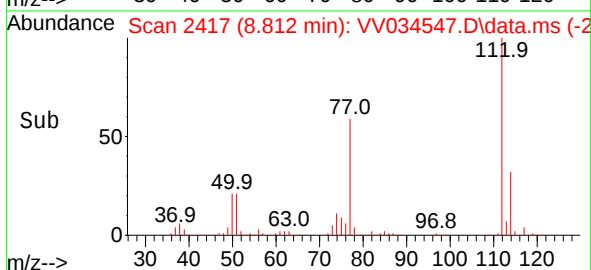
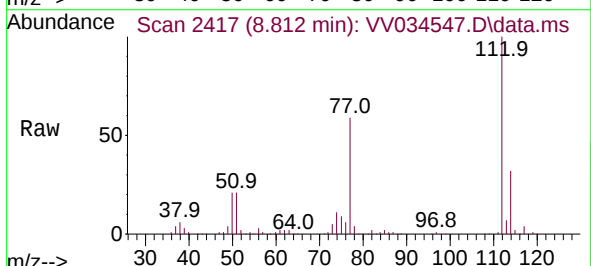


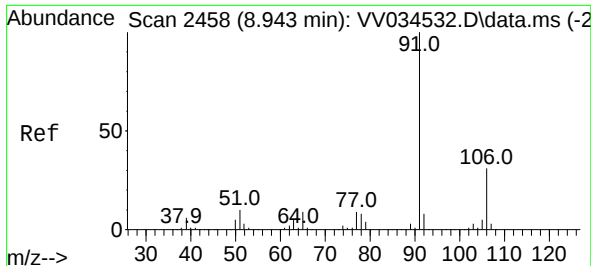
Tgt Ion:107 Resp: 127573
Ion Ratio Lower Upper
107 100
109 92.9 66.5 123.5
188 4.0 3.4 5.2



#51
Chlorobenzene
Concen: 50.712 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034547.D
Acq: 11 Mar 2024 16:53

Tgt Ion:112 Resp: 311507
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.5
77 59.1 47.7 71.5





#52

Ethylbenzene

Concen: 51.025 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

Instrument :

MSVOA_V

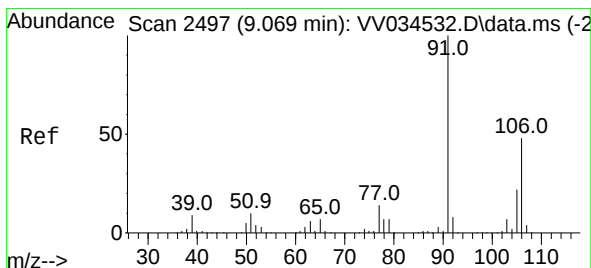
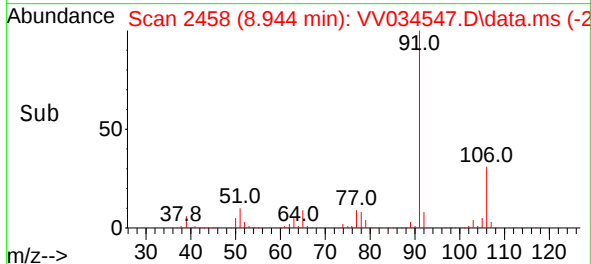
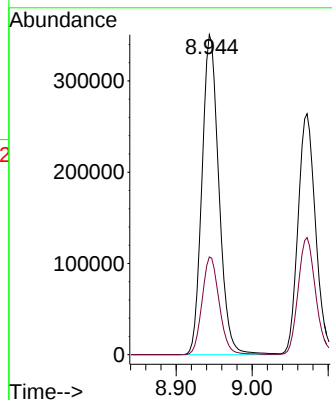
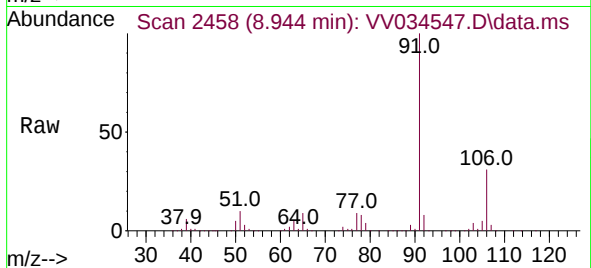
ClientSampleId :

Tgt Ion: 91 Resp: 543243

Ion Ratio Lower Upper

91 100

106 30.6 21.3 39.5



#53

m,p-Xylene

Concen: 50.772 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV034547.D

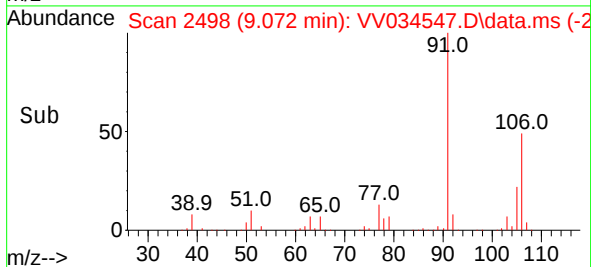
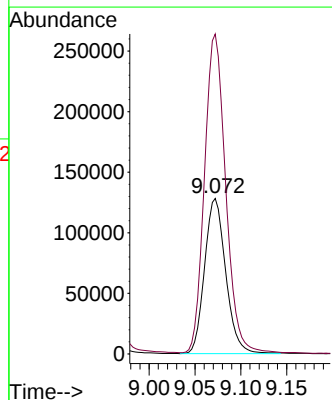
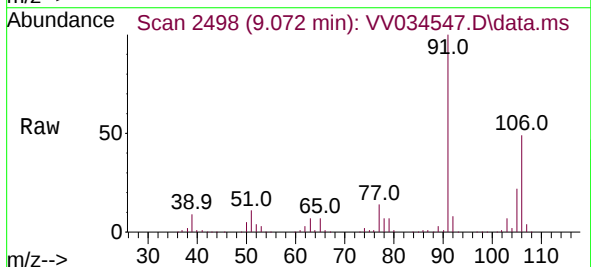
Acq: 11 Mar 2024 16:53

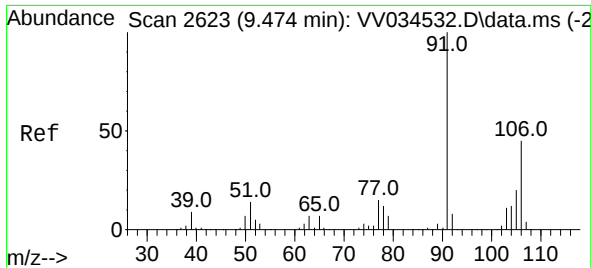
Tgt Ion:106 Resp: 205127

Ion Ratio Lower Upper

106 100

91 205.7 145.3 269.9

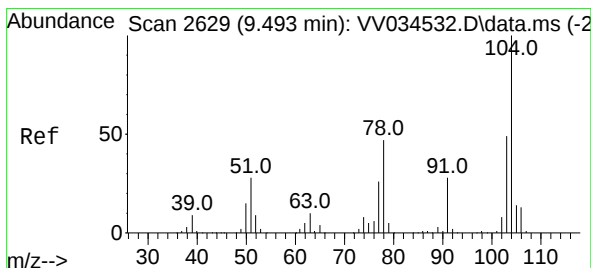
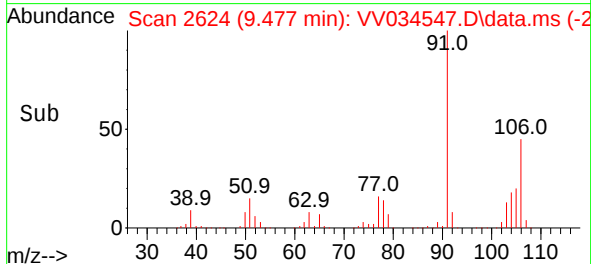
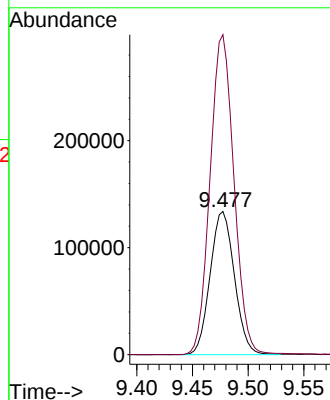
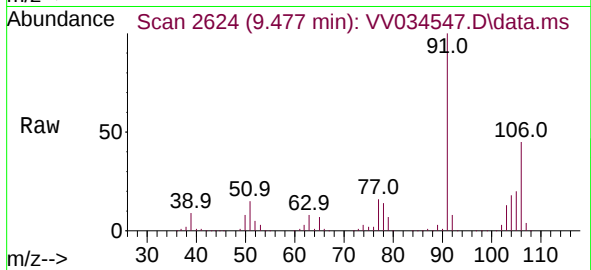




#54
o-Xylene
Concen: 51.376 ug/L
RT: 9.477 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV034547.D
Acq: 11 Mar 2024 16:53

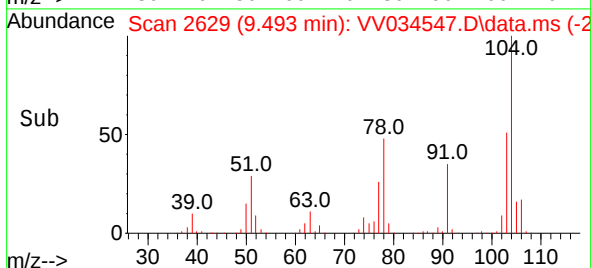
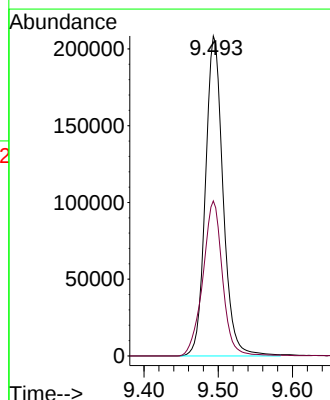
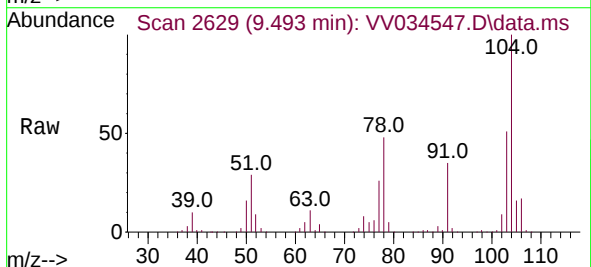
Instrument :
MSVOA_V
ClientSampleId :

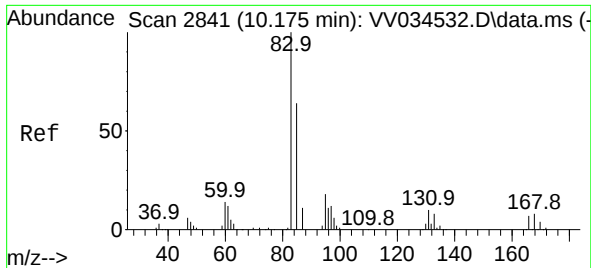
Tgt Ion:106 Resp: 203254
Ion Ratio Lower Upper
106 100
91 223.4 152.2 282.7



#55
Styrene
Concen: 51.318 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV034547.D
Acq: 11 Mar 2024 16:53

Tgt Ion:104 Resp: 343745
Ion Ratio Lower Upper
104 100
78 48.4 33.0 61.4

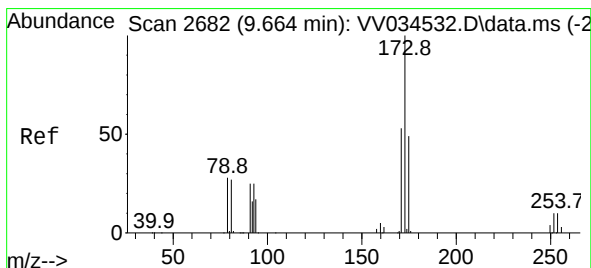
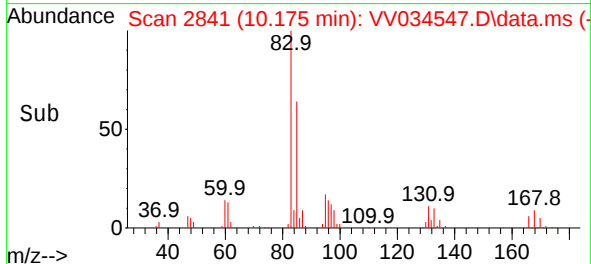
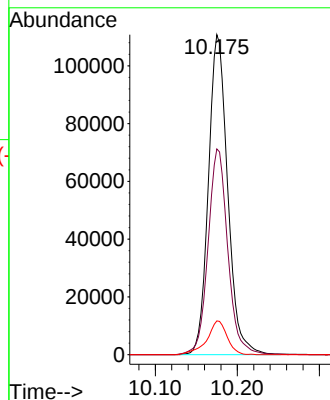
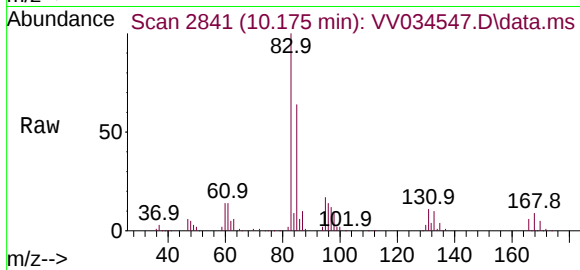




#57
1,1,2,2-Tetrachloroethane
Concen: 53.062 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV034547.D
Acq: 11 Mar 2024 16:53

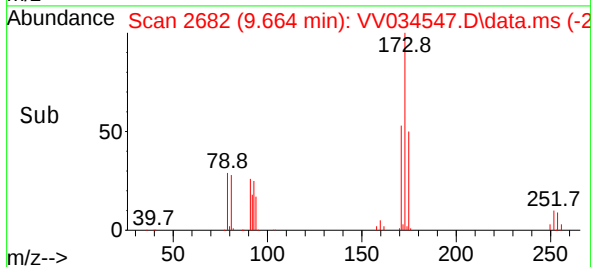
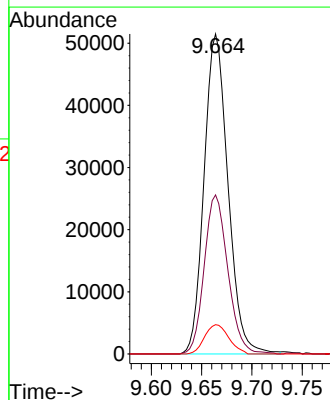
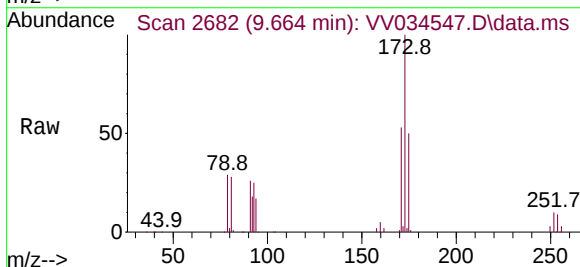
Instrument :
MSVOA_V
ClientSampleId :

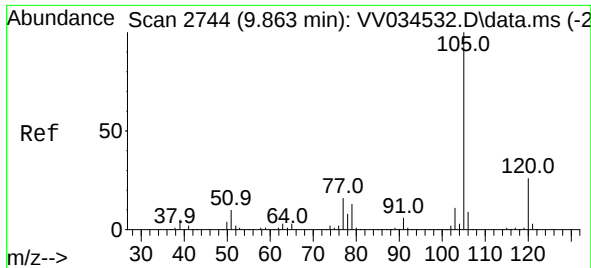
Tgt Ion: 83 Resp: 180748
Ion Ratio Lower Upper
83 100
85 64.3 45.4 84.2
131 10.5 8.3 12.5



#59
Bromoform
Concen: 50.649 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV034547.D
Acq: 11 Mar 2024 16:53

Tgt Ion: 173 Resp: 85160
Ion Ratio Lower Upper
173 100
175 49.1 39.1 58.7
254 9.3 7.8 11.8

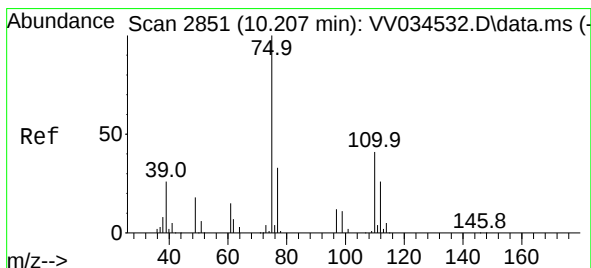
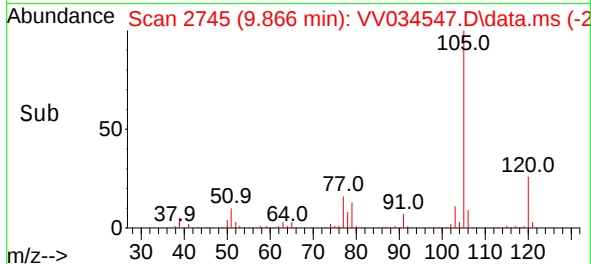
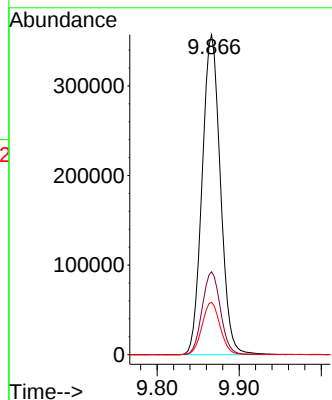
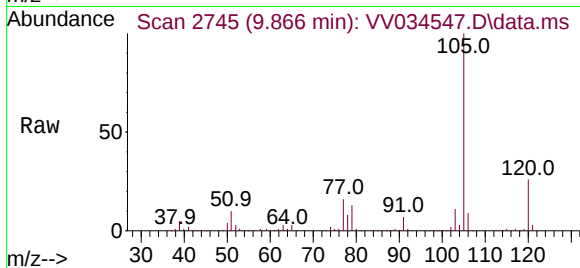




#60
Isopropylbenzene
Concen: 51.436 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034547.D
Acq: 11 Mar 2024 16:53

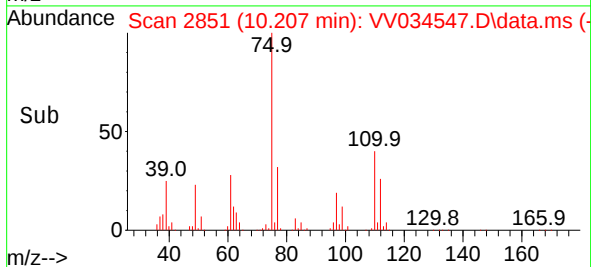
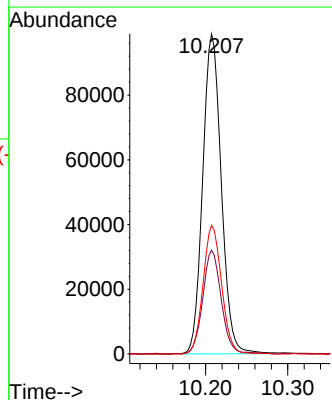
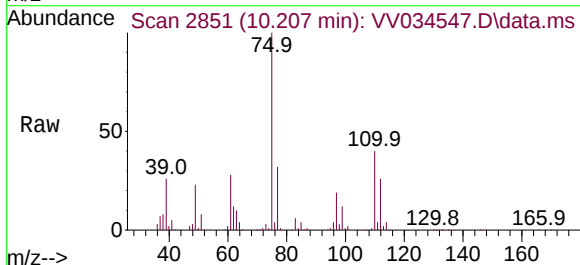
Instrument :
MSVOA_V
ClientSampleId :

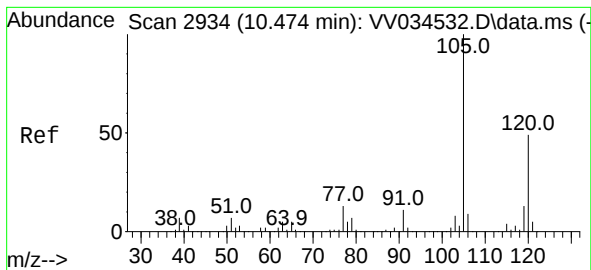
Tgt Ion:105 Resp: 551688
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 53.662 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV034547.D
Acq: 11 Mar 2024 16:53

Tgt Ion: 75 Resp: 155344
Ion Ratio Lower Upper
75 100
77 31.6 25.9 38.9
110 40.1 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 51.407 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

Instrument :

MSVOA_V

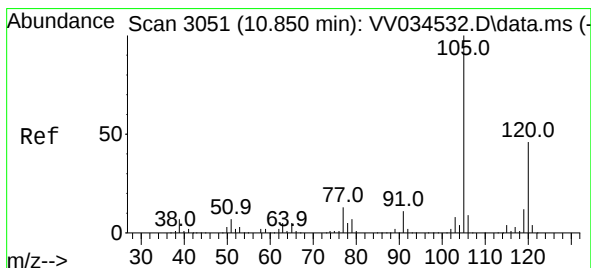
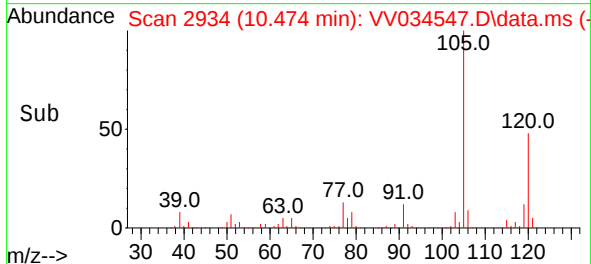
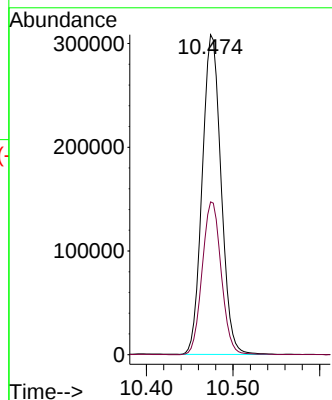
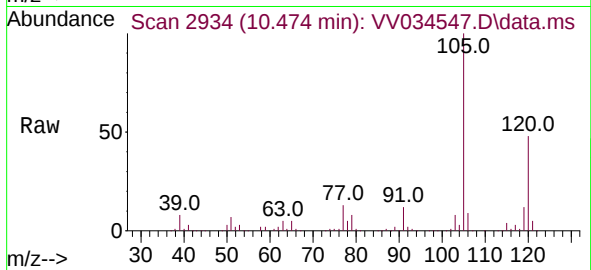
ClientSampleId :

Tgt Ion:105 Resp: 465103

Ion Ratio Lower Upper

105 100

120 48.4 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 52.053 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034547.D

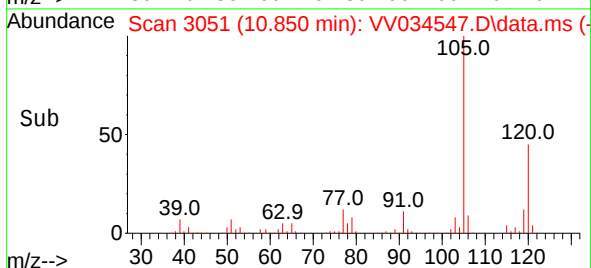
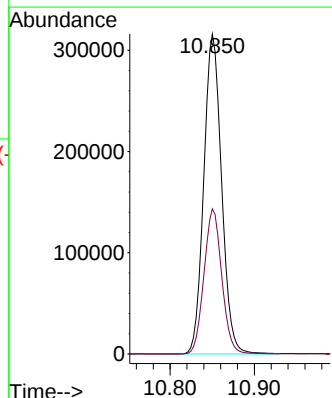
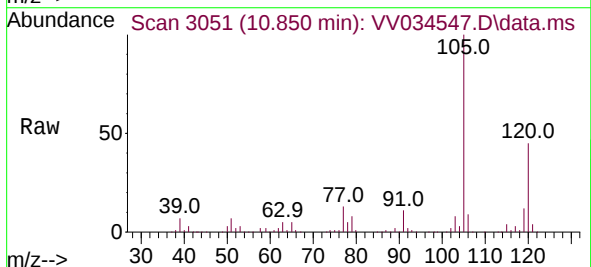
Acq: 11 Mar 2024 16:53

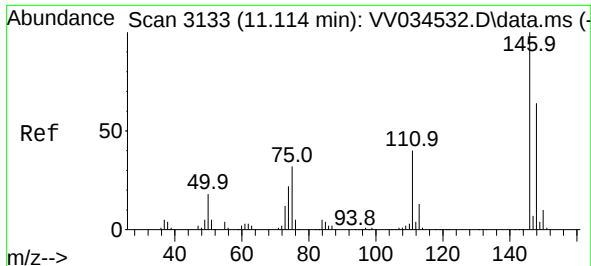
Tgt Ion:105 Resp: 465791

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 50.417 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

Instrument :

MSVOA_V

ClientSampleId :

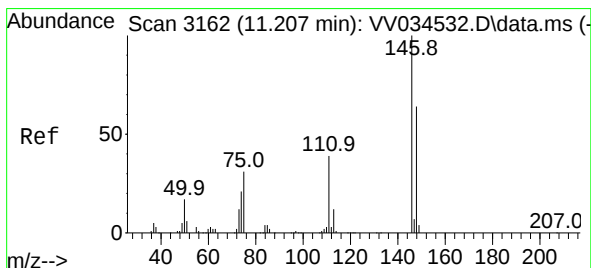
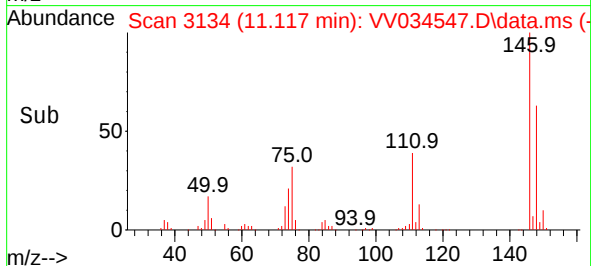
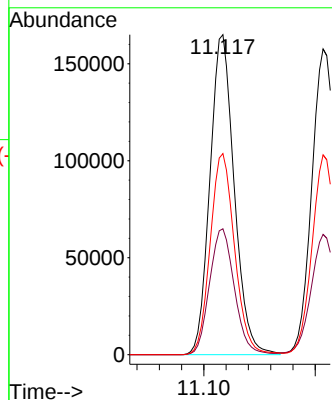
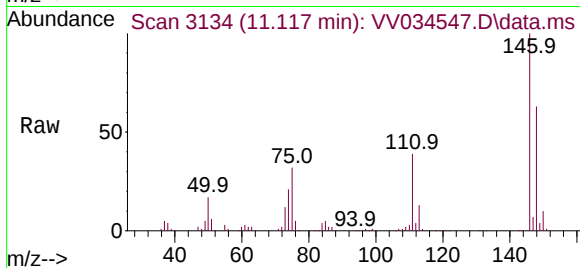
Tgt Ion:146 Resp: 250019

Ion Ratio Lower Upper

146 100

111 39.4 27.9 51.7

148 62.9 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 49.740 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

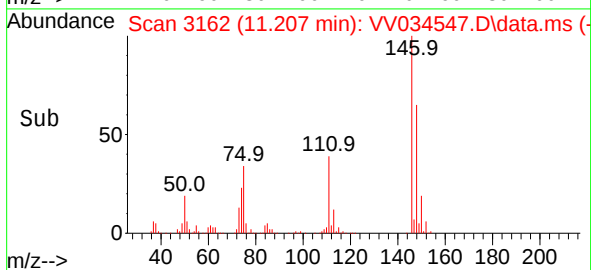
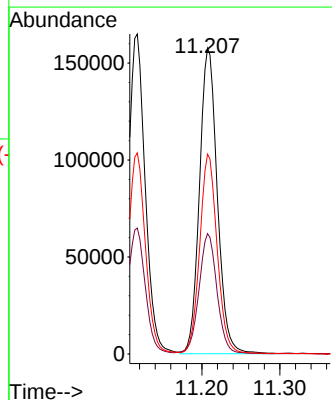
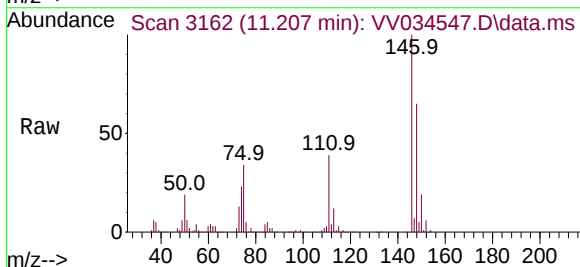
Tgt Ion:146 Resp: 250487

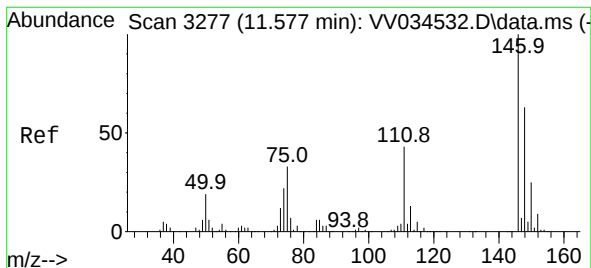
Ion Ratio Lower Upper

146 100

111 39.4 26.5 49.1

148 65.4 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 50.091 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

Instrument :

MSVOA_V

ClientSampleId :

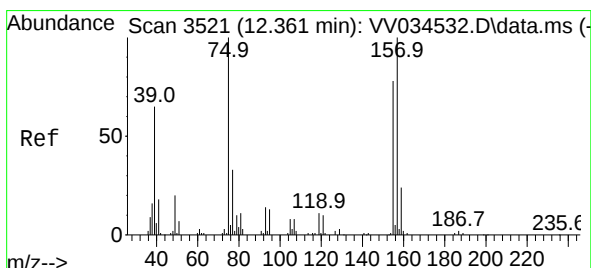
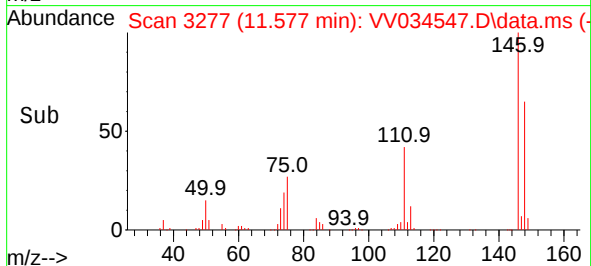
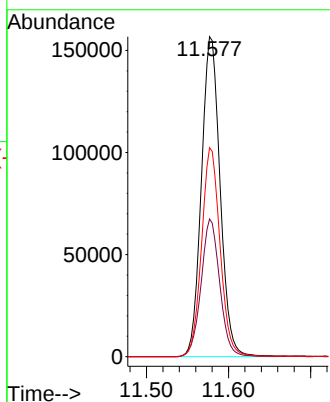
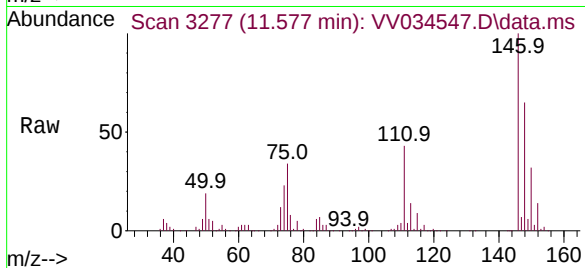
Tgt Ion:146 Resp: 248913

Ion Ratio Lower Upper

146 100

111 43.1 33.8 50.8

148 65.3 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 53.331 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

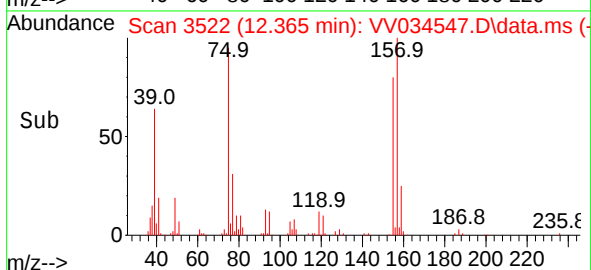
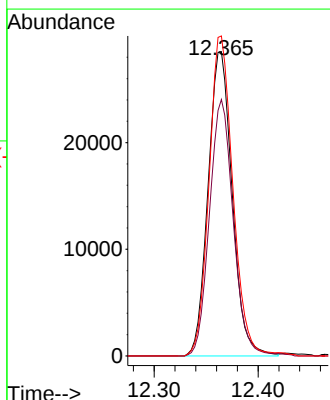
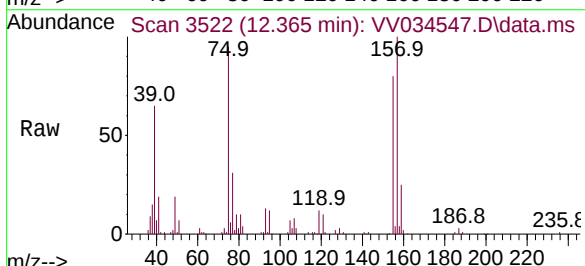
Tgt Ion: 75 Resp: 45989

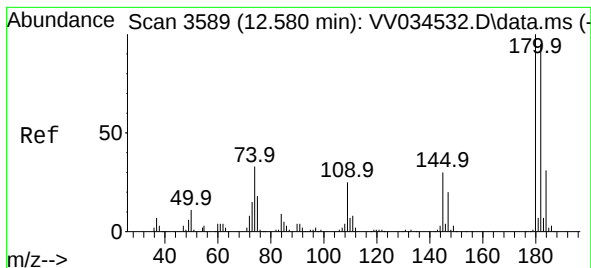
Ion Ratio Lower Upper

75 100

155 84.3 63.3 94.9

157 105.2 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 49.970 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

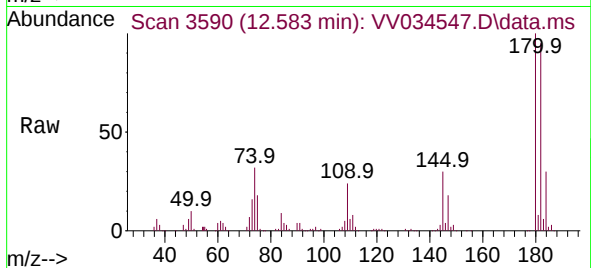
Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 185901

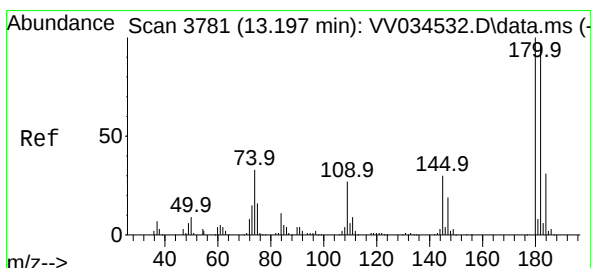
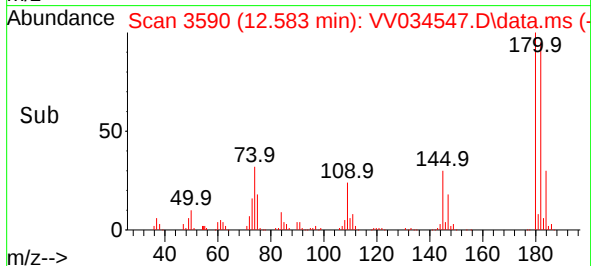
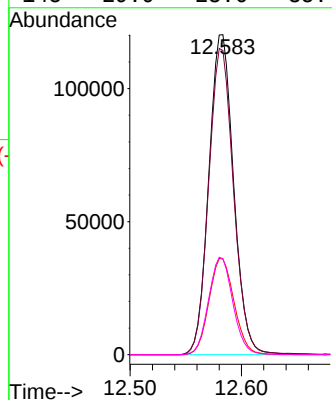
Ion Ratio Lower Upper

180 100

182 96.2 74.6 112.0

184 30.5 23.6 35.4

145 29.9 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 50.439 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

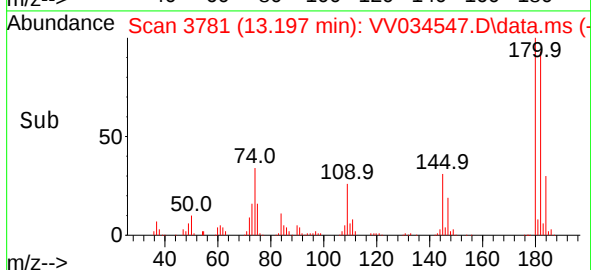
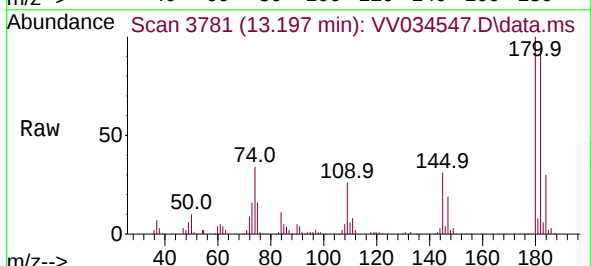
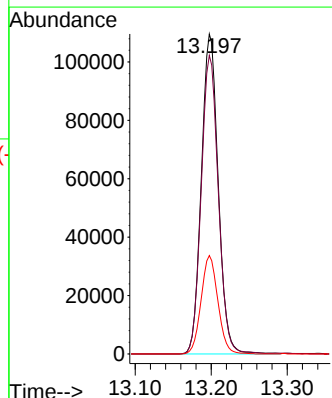
Tgt Ion:180 Resp: 168844

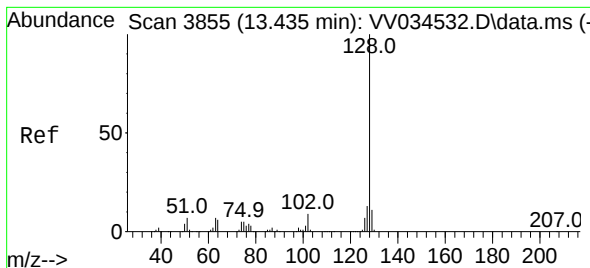
Ion Ratio Lower Upper

180 100

182 94.6 74.8 112.2

145 30.6 24.2 36.4





#71

Naphthalene

Concen: 54.447 ug/L

RT: 13.439 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

Instrument :

MSVOA_V

ClientSampleId :

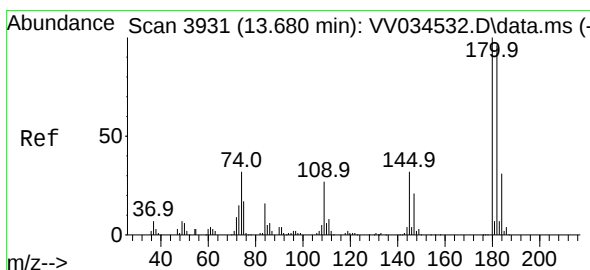
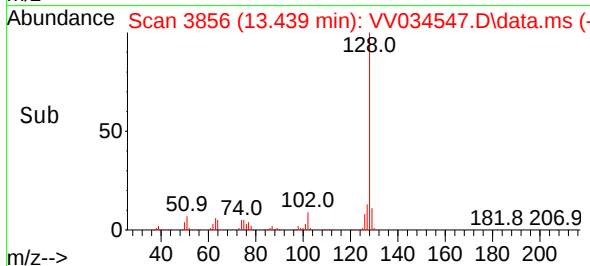
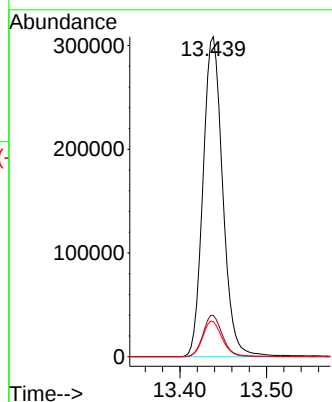
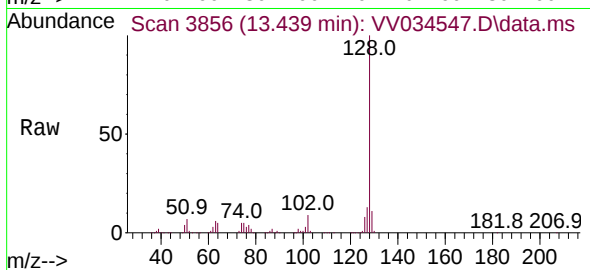
Tgt Ion:128 Resp: 487540

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 52.285 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034547.D

Acq: 11 Mar 2024 16:53

Tgt Ion:180 Resp: 170743

Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

145 32.5 25.5 38.3

