

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022924\
 Data File : VW034485.D
 Acq On : 29 Feb 2024 16:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 01 01:37:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 01:27:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	308083	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	284655	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	148949	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	115412	43.213	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.420%
7) Chloroethane-d5	1.529	69	96242	46.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.500%
11) 1,1-Dichloroethene-d2	2.059	65	52513	43.477	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.960%
21) 2-Butanone-d5	3.786	46	196598	110.075	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.070%
24) Chloroform-d	4.249	84	223980	47.431	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.860%
26) 1,2-Dichloroethane-d4	4.940	65	150069	48.632	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.260%
32) Benzene-d6	4.960	84	409075	47.617	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	5.989	67	125634	47.919	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.840%
41) Toluene-d8	7.243	98	367496	47.270	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.540%
43) trans-1,3-Dichloroprop...	7.551	79	63349	48.116	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.240%
47) 2-Hexanone-d5	8.024	63	144645	110.483	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.480%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	173112	50.174	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.340%
66) 1,2-Dichlorobenzene-d4	11.561	152	142829	46.913	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	152030	47.045	ug/L	100
3) Chloromethane	1.217	50	150603	47.428	ug/L	97
5) Vinyl chloride	1.285	62	148674	48.234	ug/L	97
6) Bromomethane	1.484	94	88713	47.969	ug/L	99
8) Chloroethane	1.545	64	88370	48.235	ug/L	98
9) Trichlorofluoromethane	1.712	101	218086	47.247	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	118065	47.457	ug/L	97
12) 1,1-Dichloroethene	2.069	96	107424	46.566	ug/L	96
13) Acetone	2.114	43	193492	90.117	ug/L	99
14) Carbon disulfide	2.240	76	304622	47.580	ug/L	98
15) Methyl Acetate	2.371	43	147486	53.692	ug/L	99
16) Methylene chloride	2.445	84	122815	50.189	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	106467	47.682	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	402311	50.173	ug/L	98
19) 1,1-Dichloroethane	3.111	63	217311	49.682	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	120202	49.616	ug/L	99
22) 2-Butanone	3.866	43	206944	97.605	ug/L	96
23) Bromochloromethane	4.146	128	62089	49.563	ug/L	97
25) Chloroform	4.275	83	219277	48.367	ug/L	100

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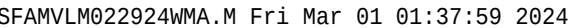
Instrument :
 MSVOA_V
 ClientSampleId :

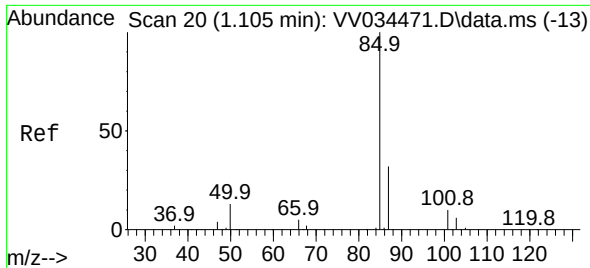
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 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 01:27:30 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	180875	49.105	ug/L	100
29) Cyclohexane	4.580	56	181060	48.358	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	201924	49.468	ug/L	99
31) Carbon tetrachloride	4.735	117	175795	48.644	ug/L	98
33) Benzene	5.008	78	443542	50.199	ug/L	100
34) Trichloroethene	5.831	95	123800	49.292	ug/L	98
35) Methylcyclohexane	6.050	83	187717	49.163	ug/L	99
37) 1,2-Dichloropropane	6.091	63	117873	50.955	ug/L	99
38) Bromodichloromethane	6.432	83	159962	49.160	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	192291	51.306	ug/L	96
40) 4-Methyl-2-pentanone	7.156	43	367985	107.880	ug/L	99
42) Toluene	7.313	91	464544	49.677	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	181508	50.354	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	115072	51.556	ug/L	99
46) Tetrachloroethene	7.905	164	91226	48.840	ug/L	98
48) 2-Hexanone	8.072	43	292889	107.756	ug/L	98
49) Dibromochloromethane	8.175	129	115796	49.163	ug/L	97
50) 1,2-Dibromoethane	8.281	107	121768	51.412	ug/L	97
51) Chlorobenzene	8.812	112	296466	49.040	ug/L	100
52) Ethylbenzene	8.947	91	525039	50.109	ug/L	100
53) m,p-Xylene	9.072	106	194280	48.862	ug/L	99
54) o-Xylene	9.477	106	191850	49.274	ug/L	98
55) Styrene	9.493	104	329684	50.011	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	169159	50.460	ug/L	100
59) Bromoform	9.664	173	78013	47.240	ug/L	99
60) Isopropylbenzene	9.866	105	524582	49.797	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	145527	51.183	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	444766	50.051	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	442946	50.399	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	238050	48.874	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	241480	48.821	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	239331	49.037	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	43370	51.207	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	176789	48.383	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	162751	49.501	ug/L	99
71) Naphthalene	13.438	128	479538	54.526	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	162985	50.815	ug/L	99

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

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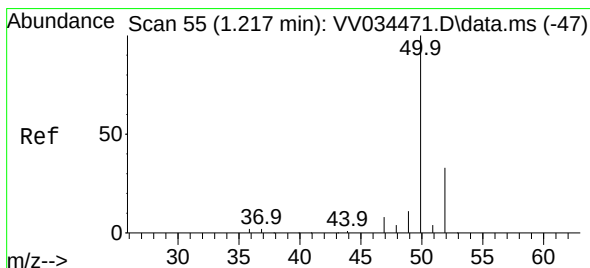
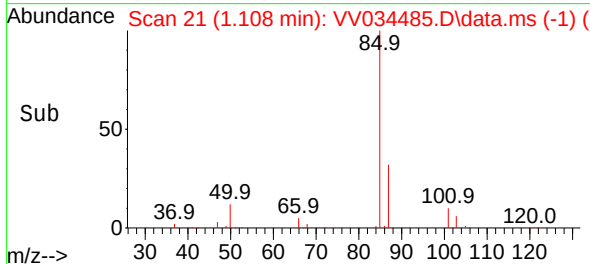
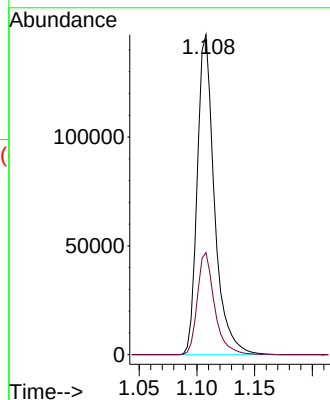
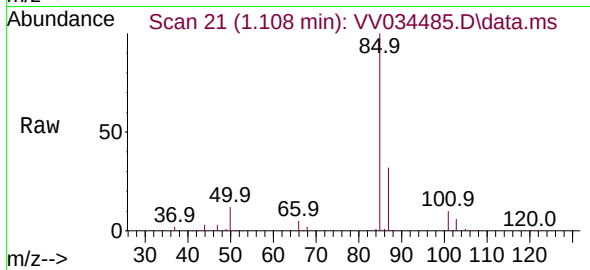




#2
 Dichlorodifluoromethane
 Concen: 47.045 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV034485.D
 Acq: 29 Feb 2024 16:36

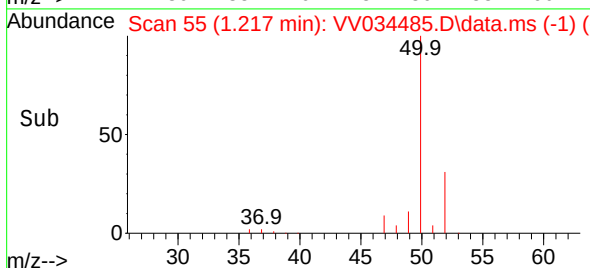
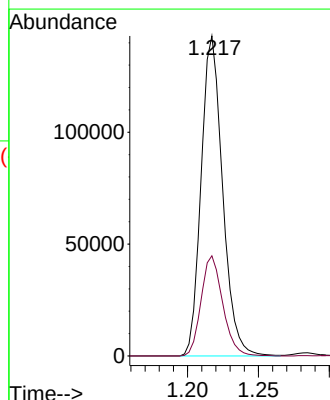
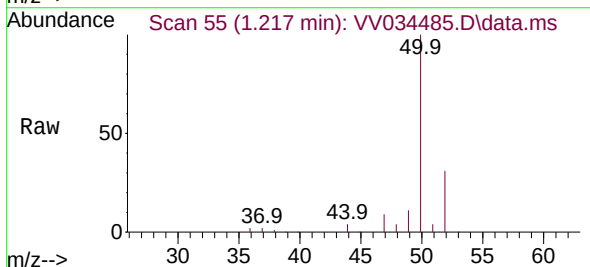
Instrument :
 MSVOA_V
 ClientSampleId :

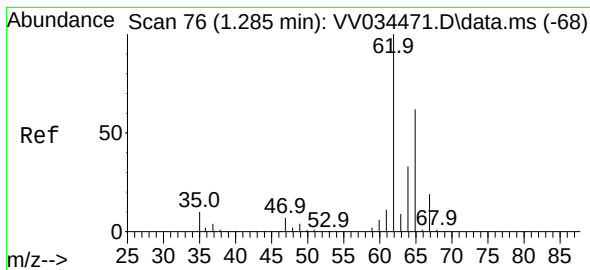
Tgt Ion: 85 Resp: 152030
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.5 38.3



#3
 Chloromethane
 Concen: 47.428 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV034485.D
 Acq: 29 Feb 2024 16:36

Tgt Ion: 50 Resp: 150603
 Ion Ratio Lower Upper
 50 100
 52 31.3 23.0 42.8





#5

Vinyl chloride

Concen: 48.234 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

Instrument :

MSVOA_V

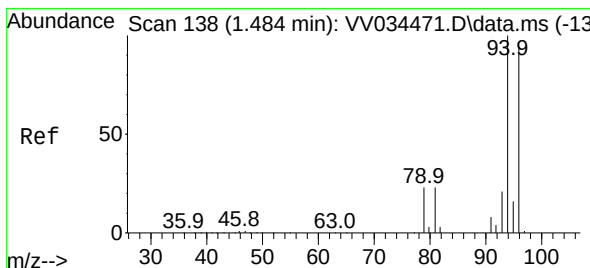
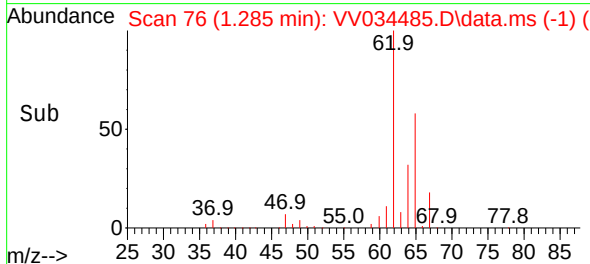
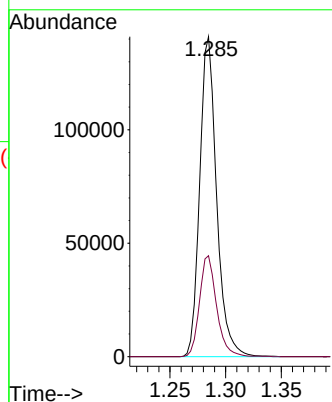
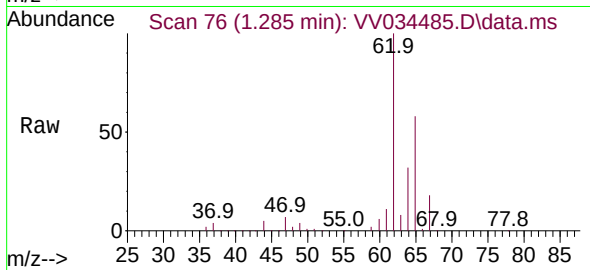
ClientSampleId :

Tgt Ion: 62 Resp: 148674

Ion Ratio Lower Upper

62 100

64 31.6 23.4 43.6



#6

Bromomethane

Concen: 47.969 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.000 min

Lab File: VV034485.D

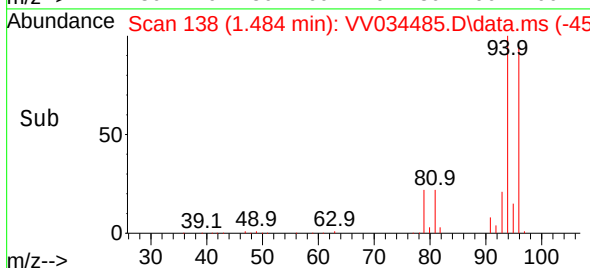
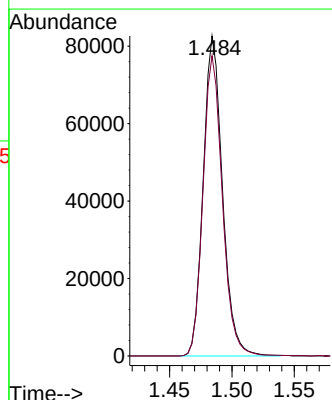
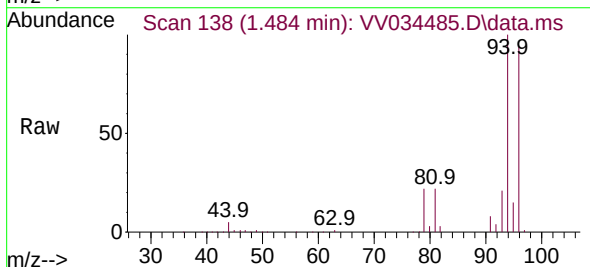
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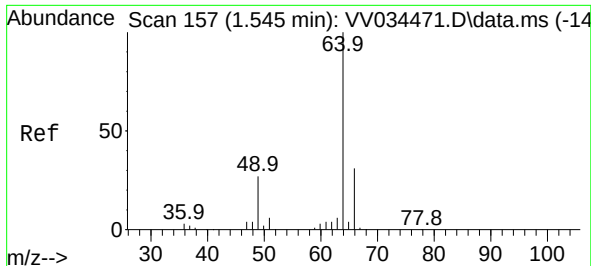
Tgt Ion: 94 Resp: 88713

Ion Ratio Lower Upper

94 100

96 93.8 66.0 122.6

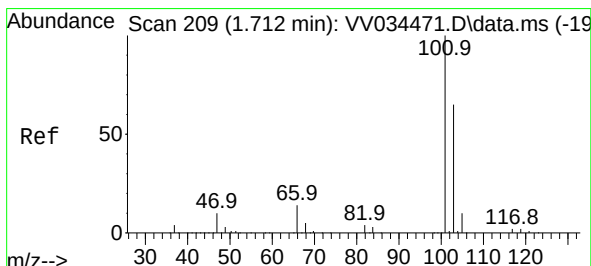
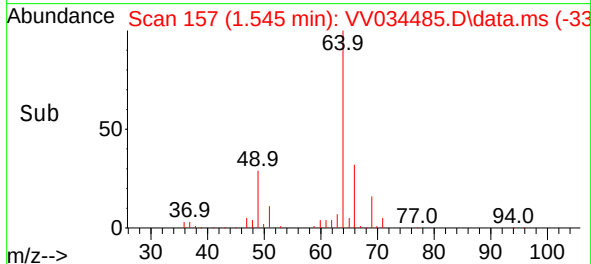
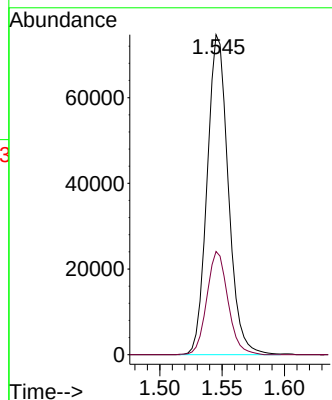
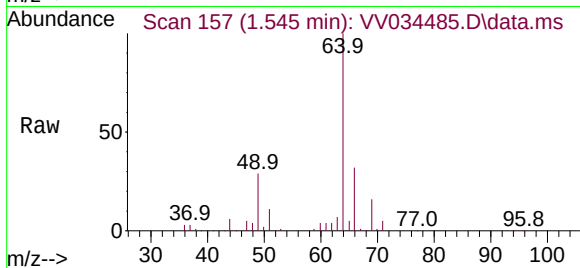




#8
Chloroethane
Concen: 48.235 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.000 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

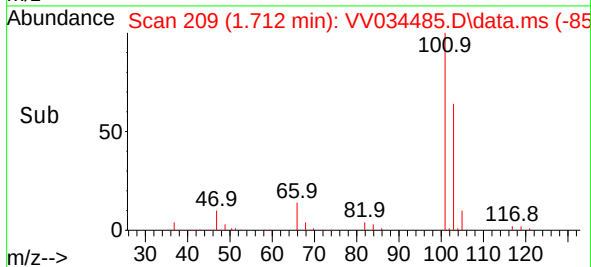
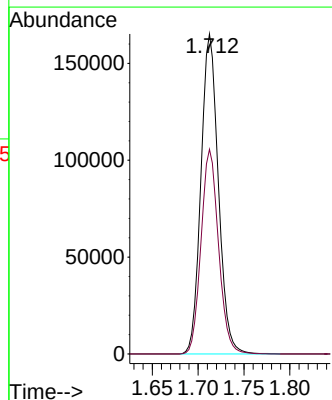
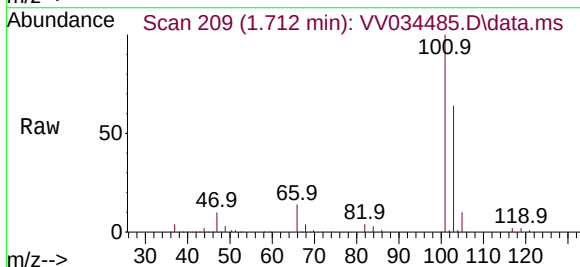
Instrument :
MSVOA_V
ClientSampleId :

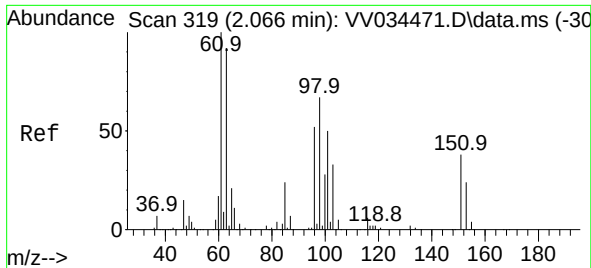
Tgt Ion: 64 Resp: 88370
Ion Ratio Lower Upper
64 100
66 32.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 47.247 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

Tgt Ion:101 Resp: 218086
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.8

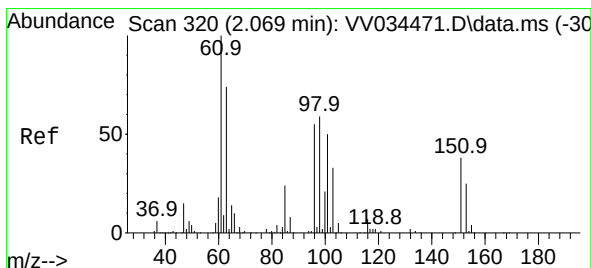
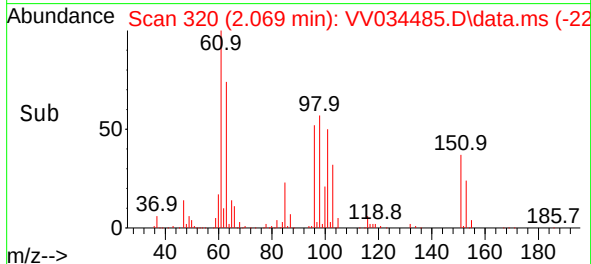
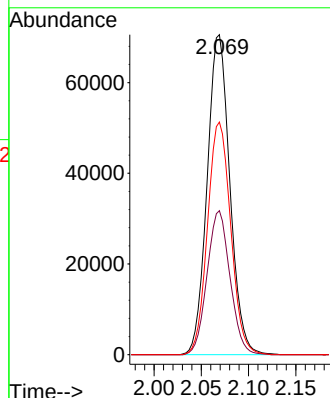
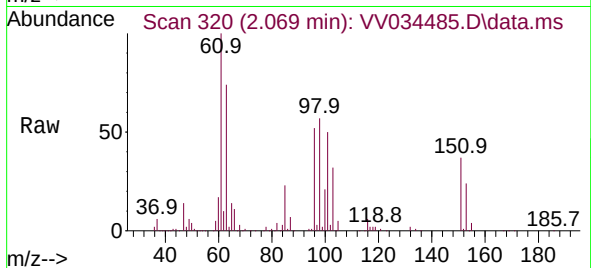




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.457 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

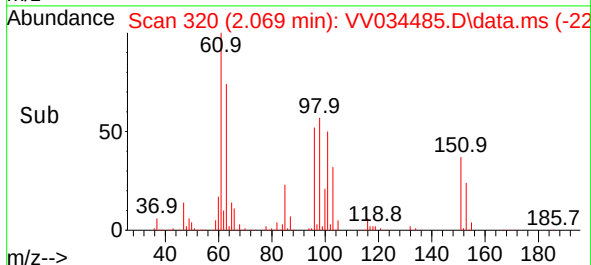
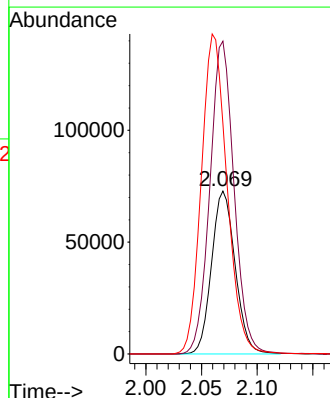
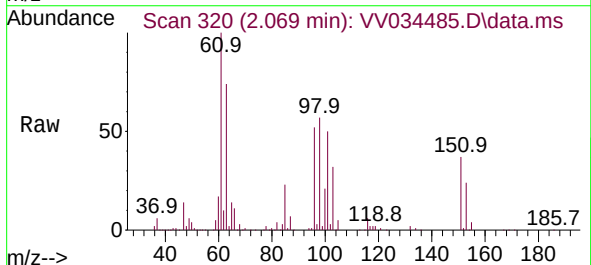
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ClientSampleId :

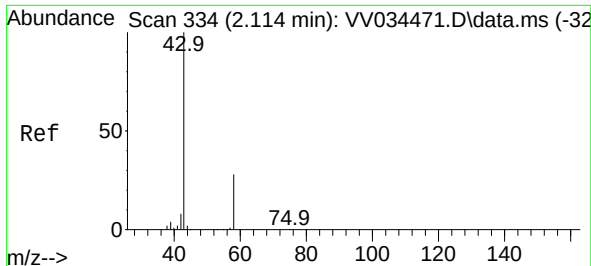
Tgt Ion:101 Resp: 118065
Ion Ratio Lower Upper
101 100
85 45.4 37.4 56.0
151 74.1 61.4 92.2



#12
1,1-Dichloroethene
Concen: 46.566 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

Tgt Ion: 96 Resp: 107424
Ion Ratio Lower Upper
96 100
61 192.0 128.9 239.3
63 141.4 98.0 182.0





#13

Acetone

Concen: 90.117 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

Instrument :

MSVOA_V

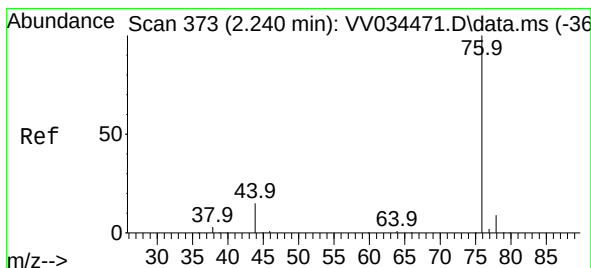
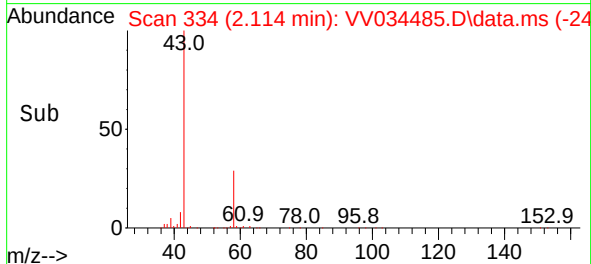
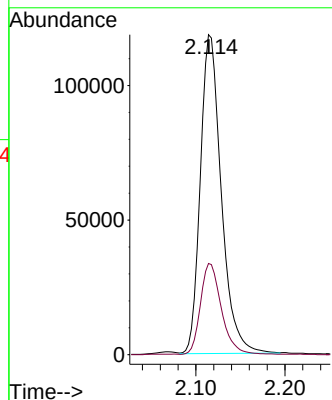
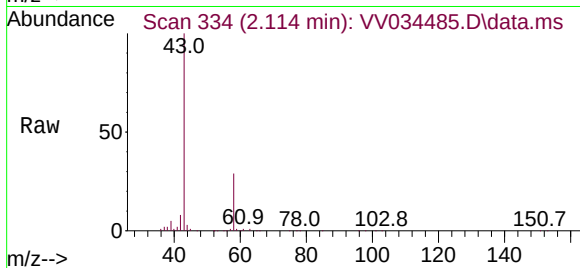
ClientSampleId :

Tgt Ion: 43 Resp: 193492

Ion Ratio Lower Upper

43 100

58 28.3 0.0 57.2



#14

Carbon disulfide

Concen: 47.580 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034485.D

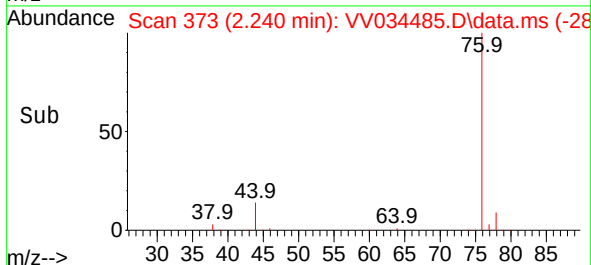
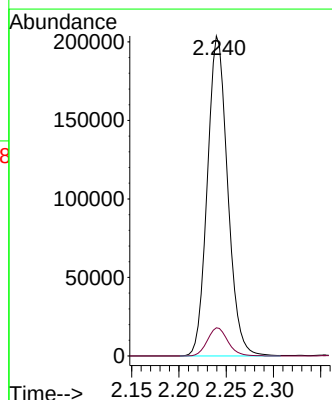
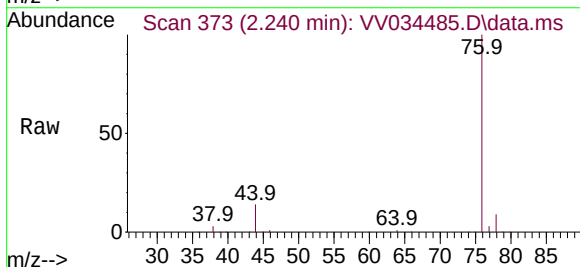
Acq: 29 Feb 2024 16:36

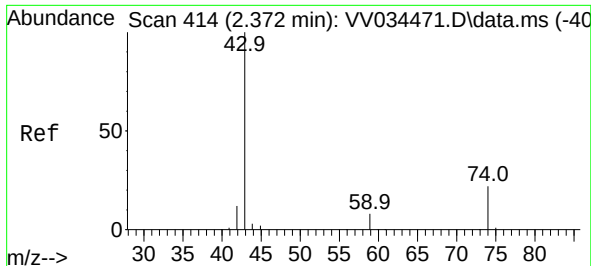
Tgt Ion: 76 Resp: 304622

Ion Ratio Lower Upper

76 100

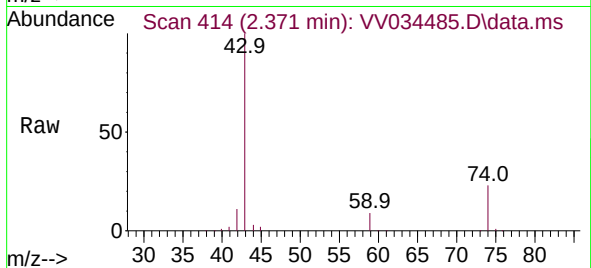
78 8.8 7.5 11.3



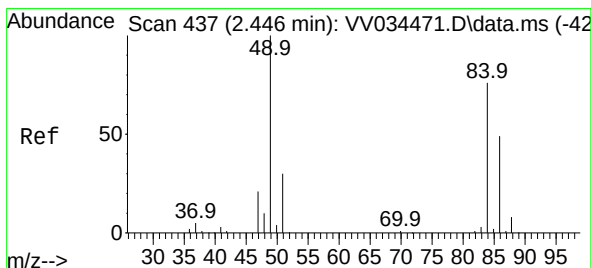
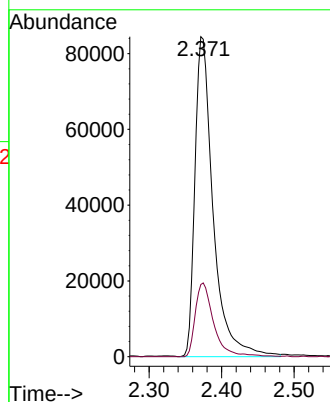
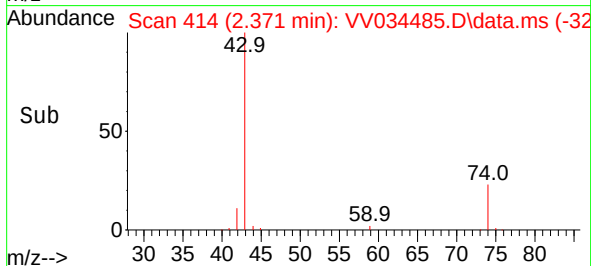


#15
Methyl Acetate
Concen: 53.692 ug/L
RT: 2.371 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

Instrument :
MSVOA_V
ClientSampleId :

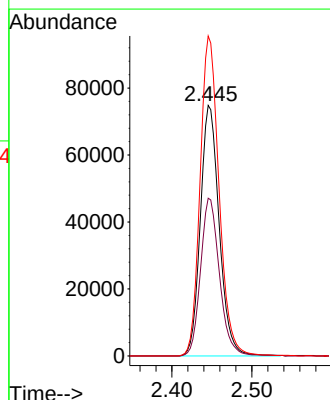
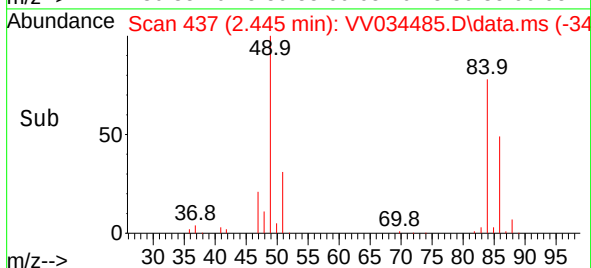
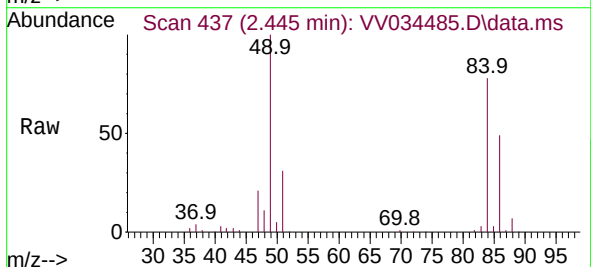


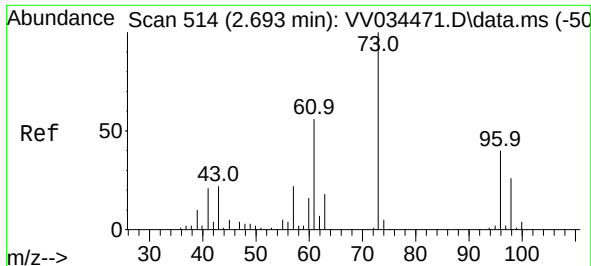
Tgt Ion: 43 Resp: 147486
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.8



#16
Methylene chloride
Concen: 50.189 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

Tgt Ion: 84 Resp: 122815
Ion Ratio Lower Upper
84 100
86 63.0 45.6 84.6
49 127.7 92.3 171.3





#17

trans-1,2-Dichloroethene

Concen: 47.682 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

Instrument :

MSVOA_V

ClientSampleId :

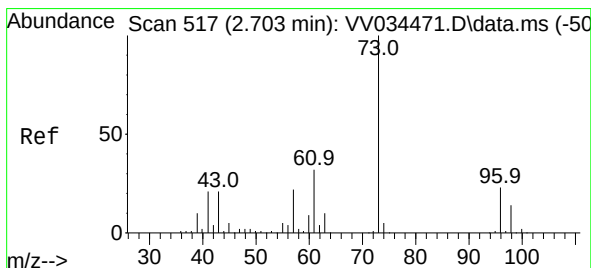
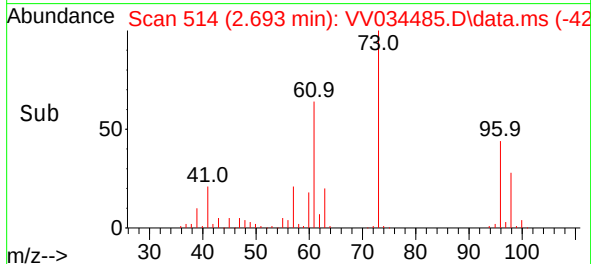
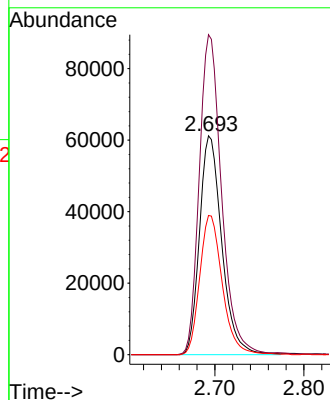
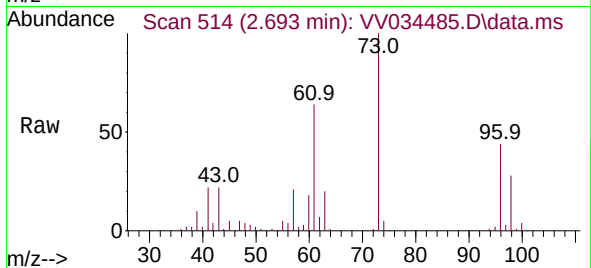
Tgt Ion: 96 Resp: 106467

Ion Ratio Lower Upper

96 100

61 146.2 98.8 183.4

98 63.6 46.1 85.5



#18

Methyl tert-butyl Ether

Concen: 50.173 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

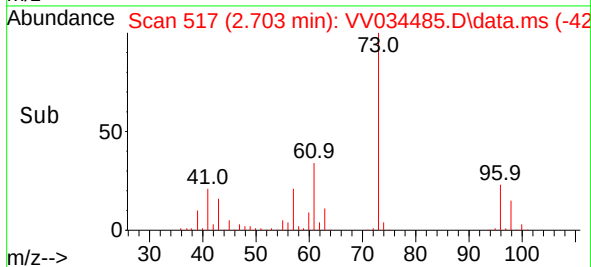
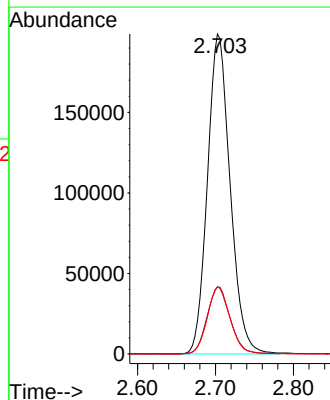
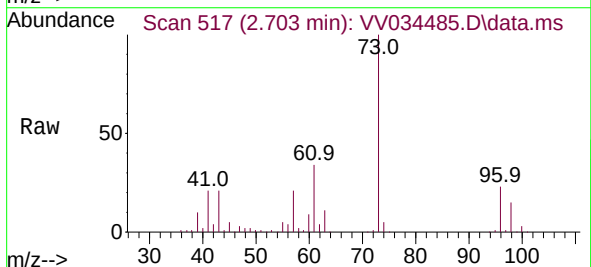
Tgt Ion: 73 Resp: 402311

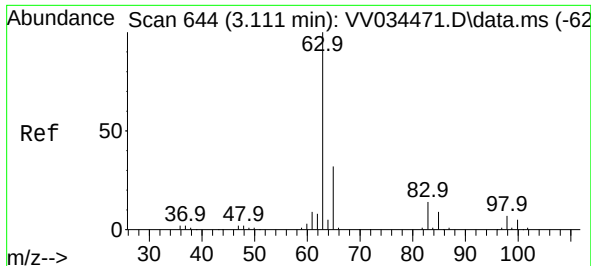
Ion Ratio Lower Upper

73 100

43 21.0 17.1 25.7

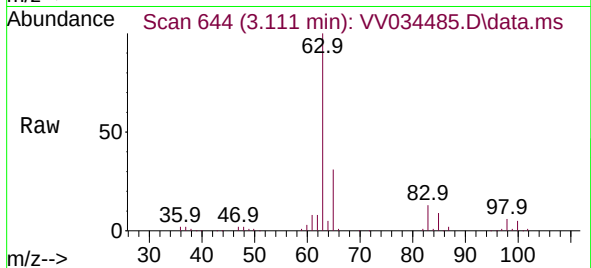
57 21.0 17.6 26.4



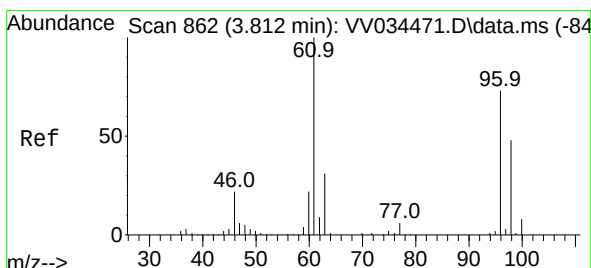
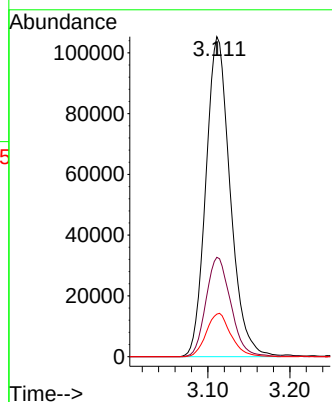
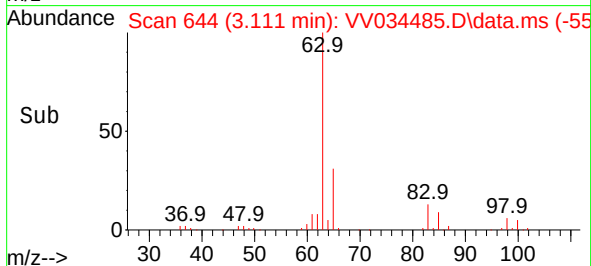


#19
1,1-Dichloroethane
Concen: 49.682 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

Instrument :
MSVOA_V
ClientSampleId :

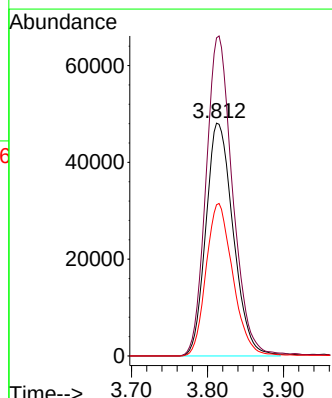
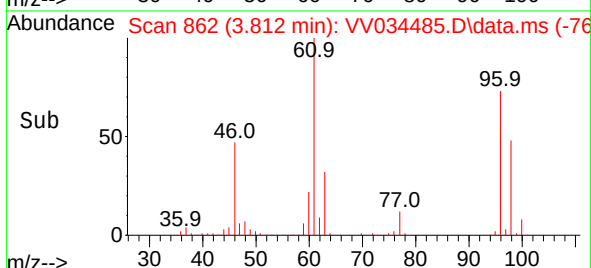
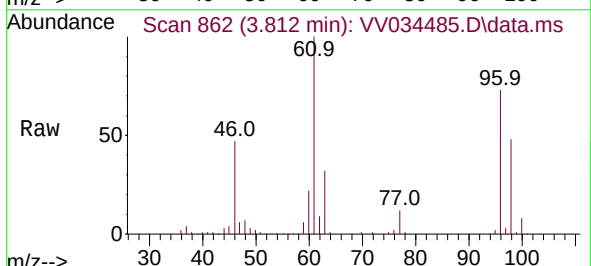


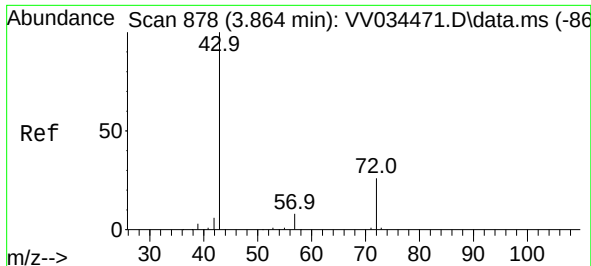
Tgt Ion: 63 Resp: 217311
Ion Ratio Lower Upper
63 100
65 31.1 22.1 41.1
83 13.3 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 49.616 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

Tgt Ion: 96 Resp: 120202
Ion Ratio Lower Upper
96 100
61 136.6 96.0 178.4
98 65.0 46.0 85.4

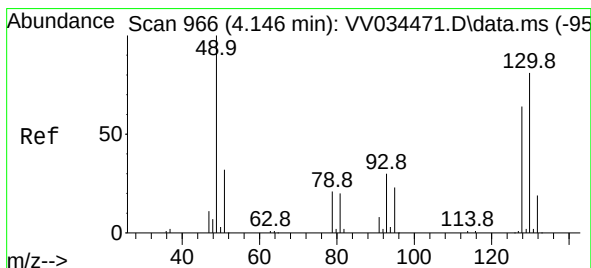
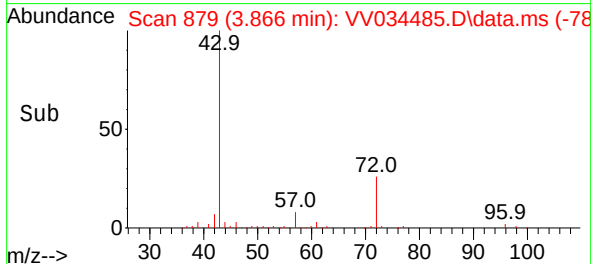
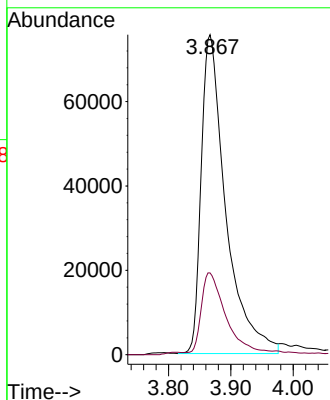
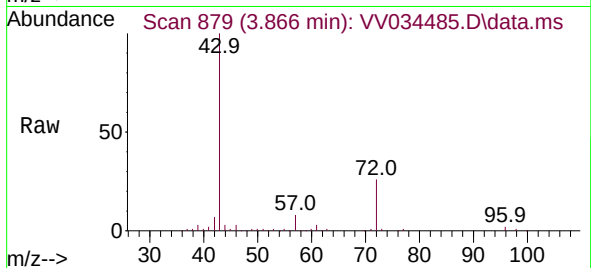




#22
2-Butanone
Concen: 97.605 ug/L
RT: 3.866 min Scan# 878
Delta R.T. 0.003 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

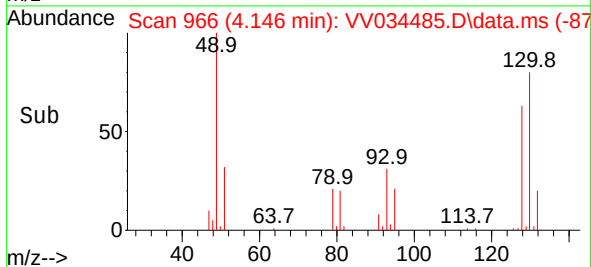
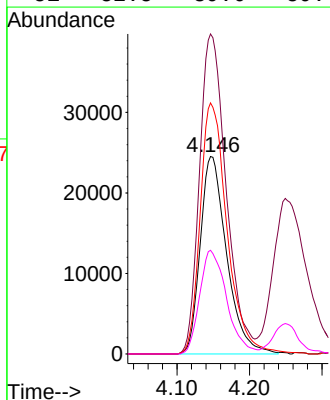
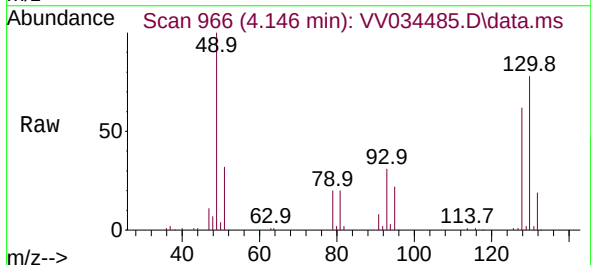
Instrument :
MSVOA_V
ClientSampleId :

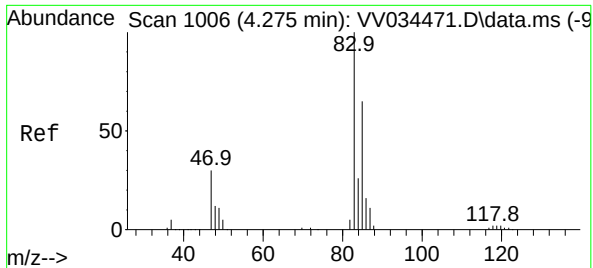
Tgt Ion: 43 Resp: 206944
Ion Ratio Lower Upper
43 100
72 24.6 11.5 34.4



#23
Bromochloromethane
Concen: 49.563 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.000 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

Tgt Ion:128 Resp: 62089
Ion Ratio Lower Upper
128 100
49 162.1 109.4 203.2
130 127.1 87.7 162.9
51 52.5 39.6 59.4

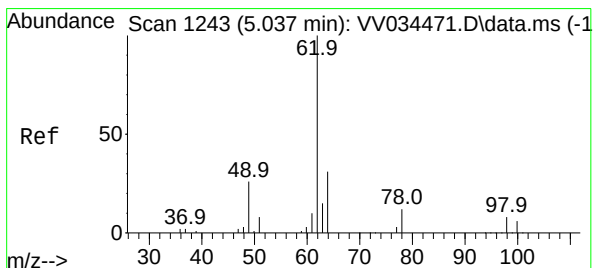
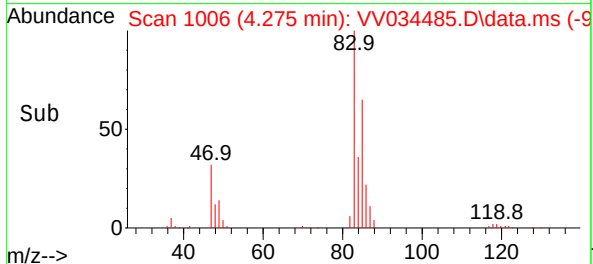
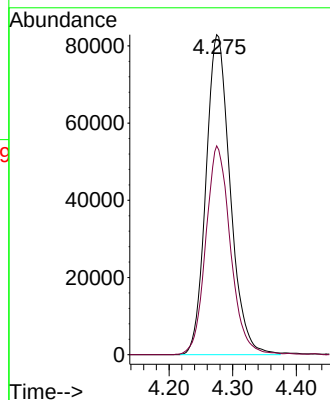
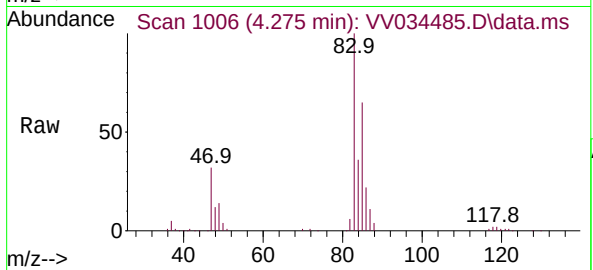




#25
Chloroform
Concen: 48.367 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

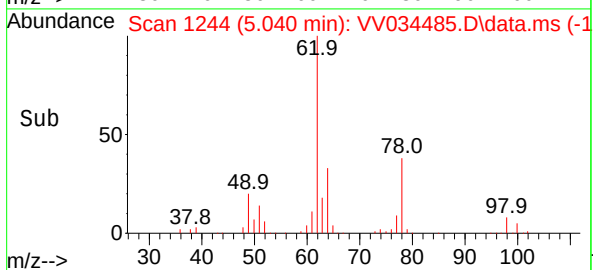
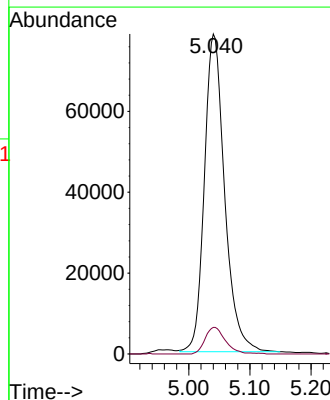
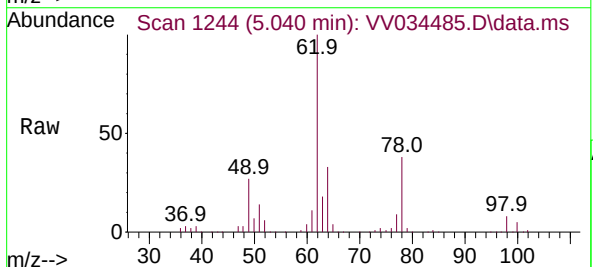
Instrument :
MSVOA_V
ClientSampleId :

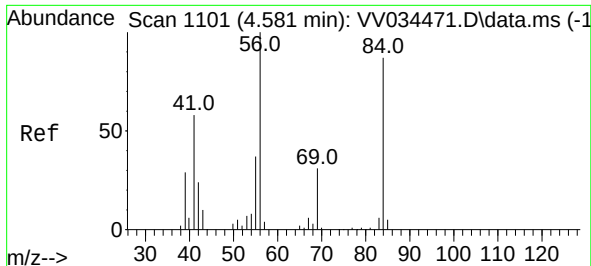
Tgt Ion: 83 Resp: 219277
Ion Ratio Lower Upper
83 100
85 65.3 45.5 84.5



#27
1,2-Dichloroethane
Concen: 49.105 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

Tgt Ion: 62 Resp: 180875
Ion Ratio Lower Upper
62 100
98 8.3 6.6 10.0





#29

Cyclohexane

Concen: 48.358 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

Instrument :

MSVOA_V

ClientSampleId :

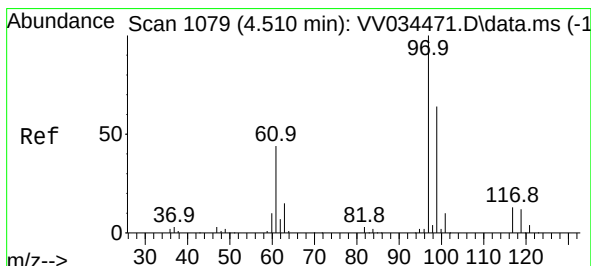
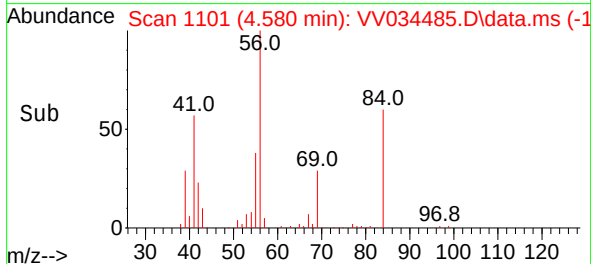
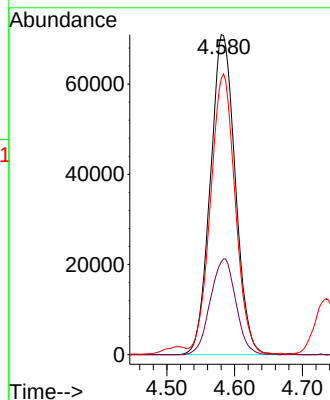
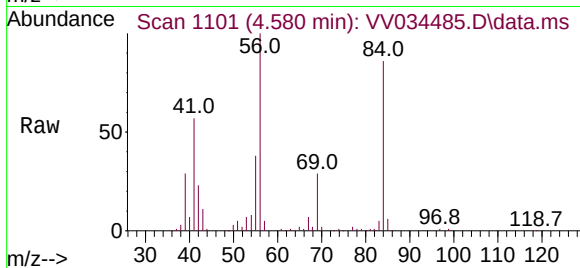
Tgt Ion: 56 Resp: 181060

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.4

84 87.0 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 49.468 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

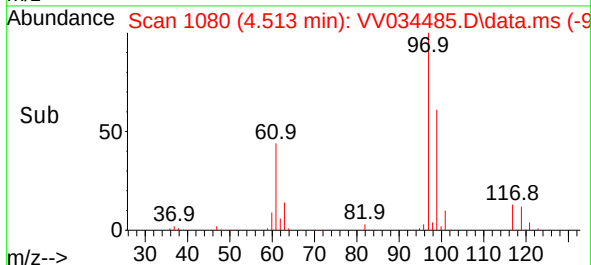
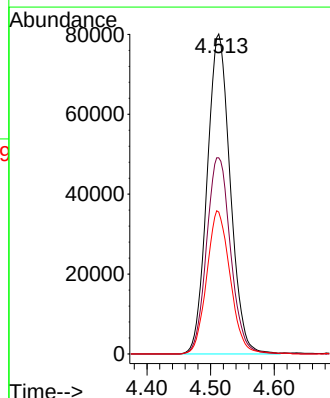
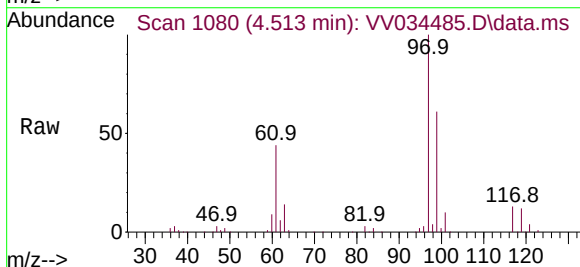
Tgt Ion: 97 Resp: 201924

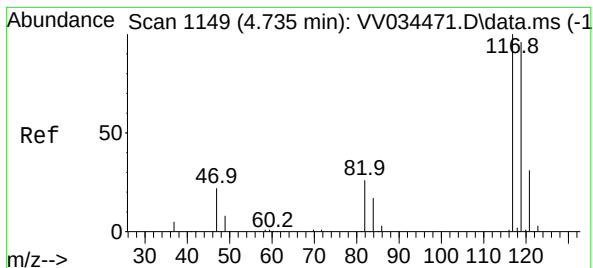
Ion Ratio Lower Upper

97 100

99 63.7 51.3 76.9

61 45.5 36.0 54.0





#31

Carbon tetrachloride

Concen: 48.644 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

Instrument :

MSVOA_V

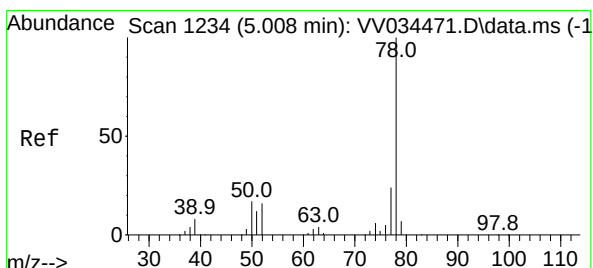
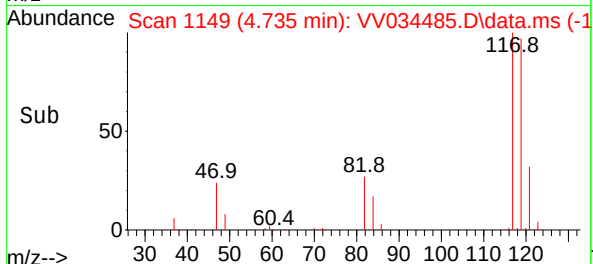
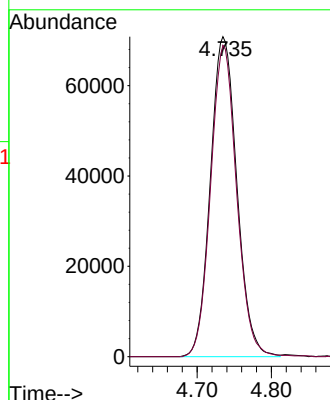
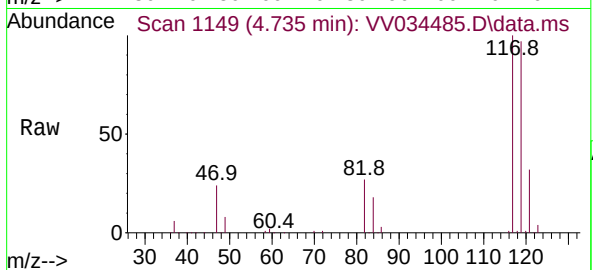
ClientSampleId :

Tgt Ion:117 Resp: 175795

Ion Ratio Lower Upper

117 100

119 95.1 77.5 116.3



#33

Benzene

Concen: 50.199 ug/L

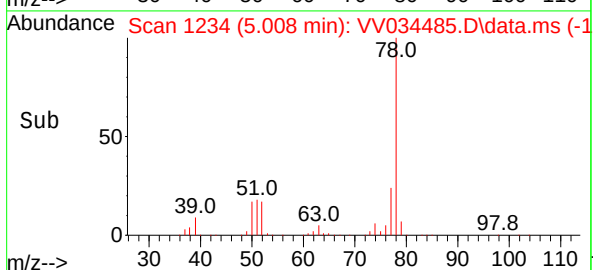
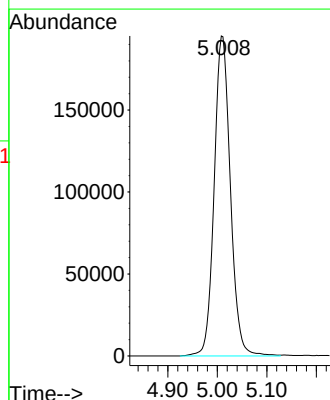
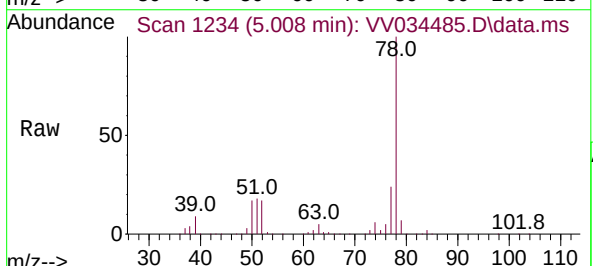
RT: 5.008 min Scan# 1234

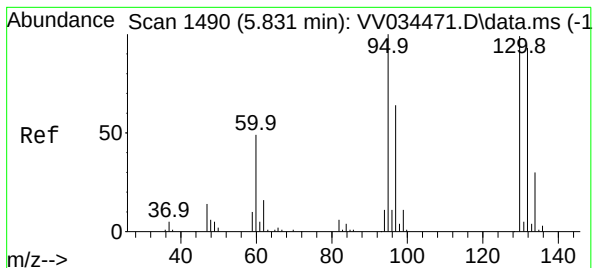
Delta R.T. -0.000 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

Tgt Ion: 78 Resp: 443542





#34

Trichloroethene

Concen: 49.292 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 123800

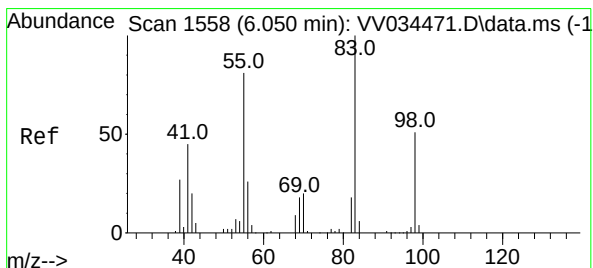
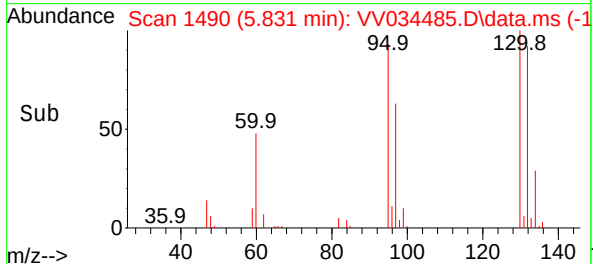
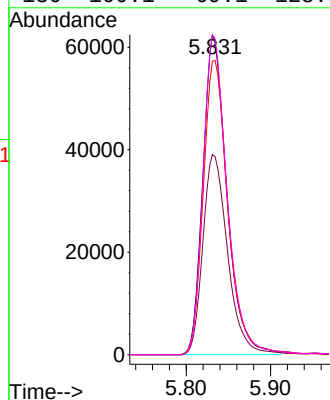
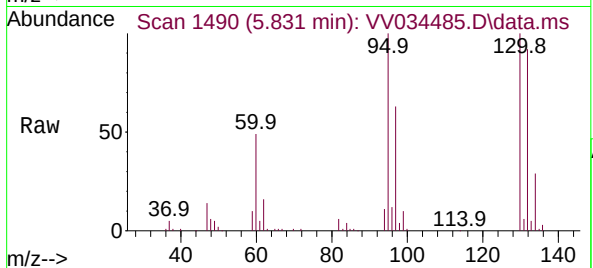
Ion Ratio Lower Upper

95 100

97 62.6 44.7 83.1

132 91.8 65.3 121.3

130 100.1 69.1 128.3



#35

Methylcyclohexane

Concen: 49.163 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

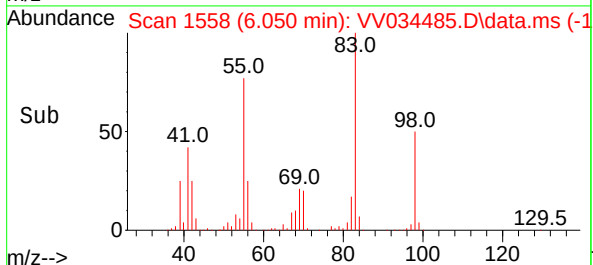
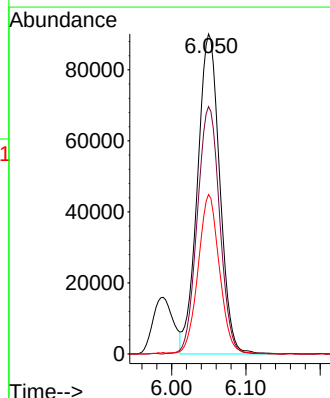
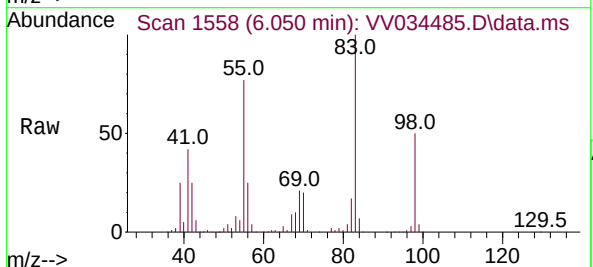
Tgt Ion: 83 Resp: 187717

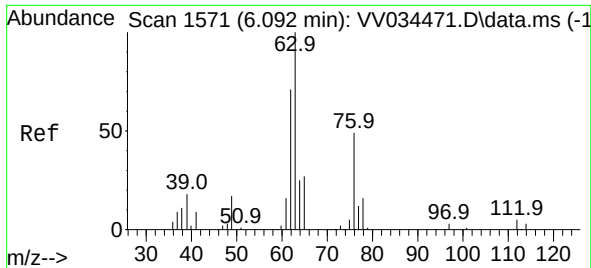
Ion Ratio Lower Upper

83 100

55 77.6 62.6 94.0

98 47.8 39.5 59.3

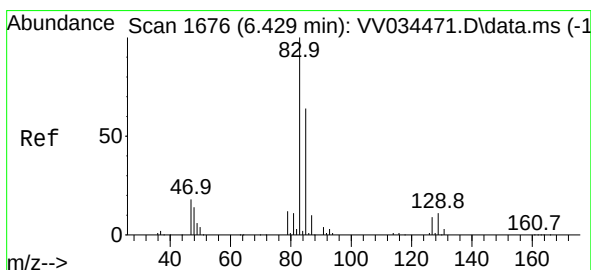
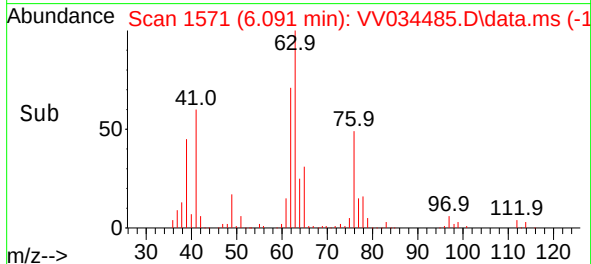
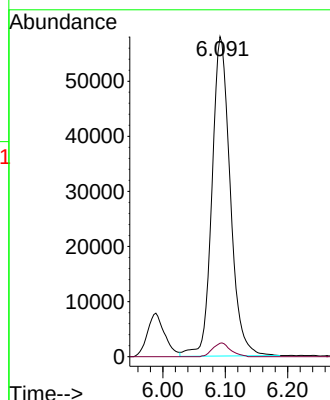
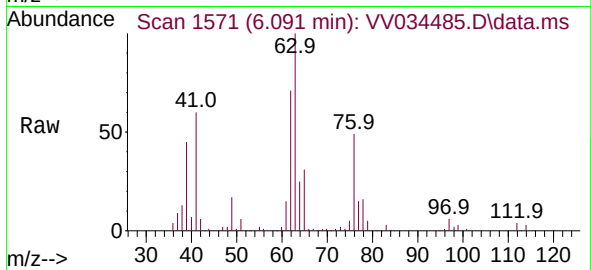




#37
1,2-Dichloropropane
Concen: 50.955 ug/L
RT: 6.091 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

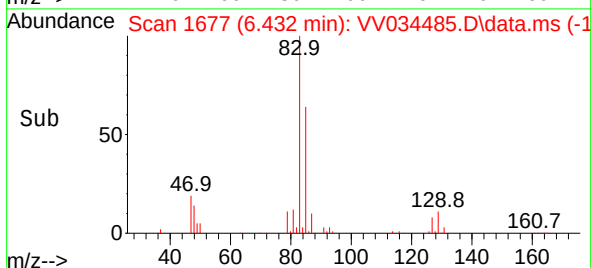
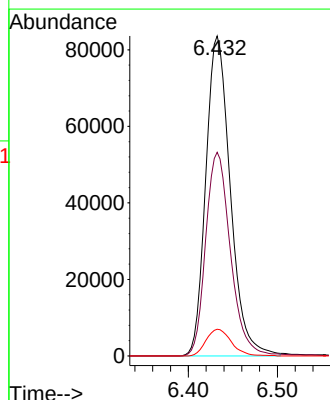
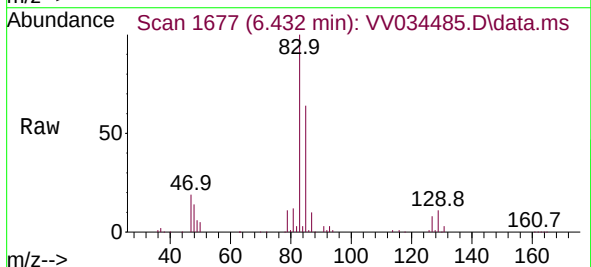
Instrument :
MSVOA_V
ClientSampleId :

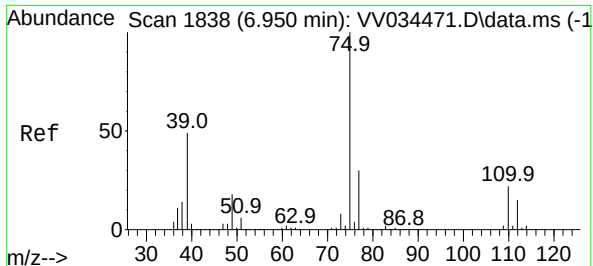
Tgt Ion: 63 Resp: 117873
Ion Ratio Lower Upper
63 100
112 4.2 3.5 5.3



#38
Bromodichloromethane
Concen: 49.160 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

Tgt Ion: 83 Resp: 159962
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8
127 8.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 51.306 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

Instrument :

MSVOA_V

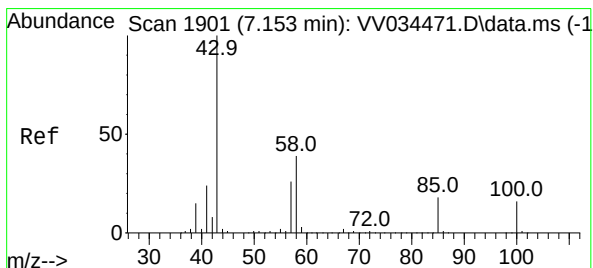
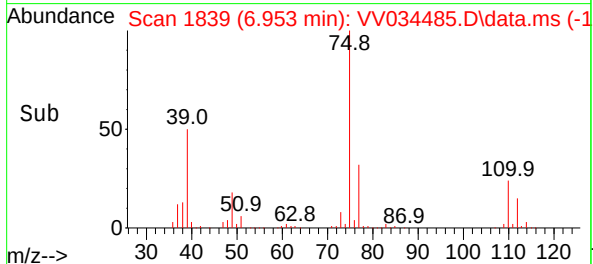
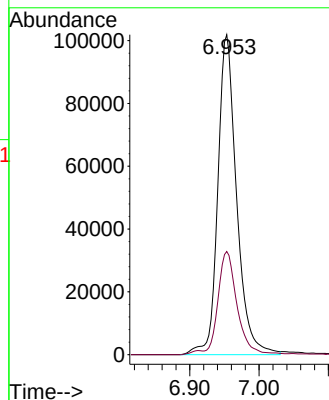
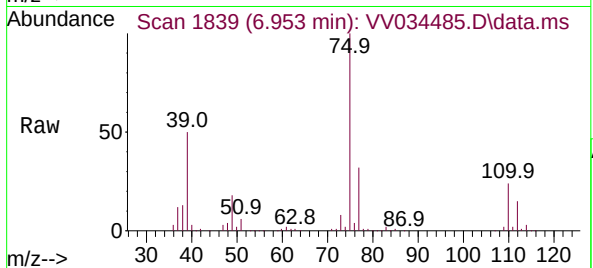
ClientSampleId :

Tgt Ion: 75 Resp: 192291

Ion Ratio Lower Upper

75 100

77 32.3 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 107.880 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

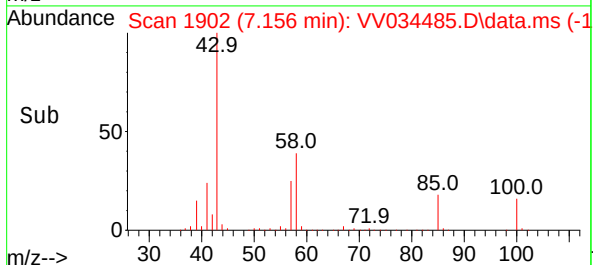
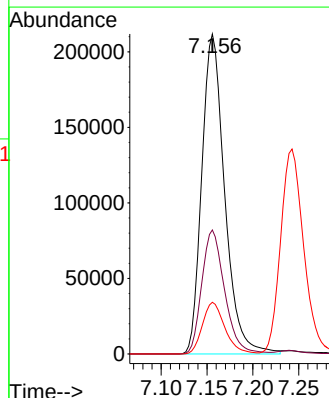
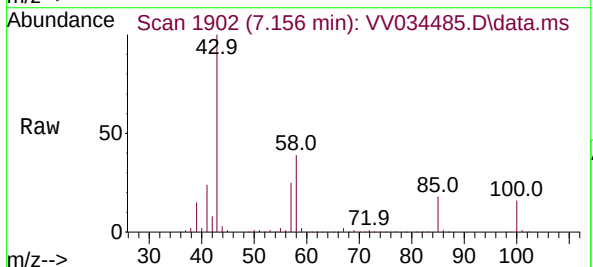
Tgt Ion: 43 Resp: 367985

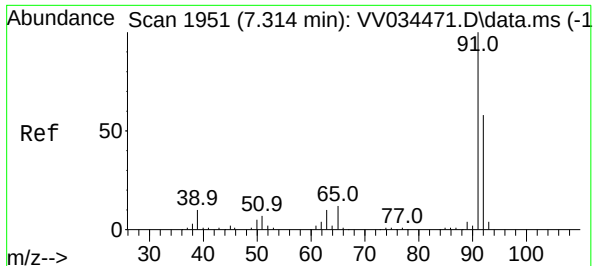
Ion Ratio Lower Upper

43 100

58 38.6 30.6 46.0

100 15.8 12.5 18.7





#42

Toluene

Concen: 49.677 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

Instrument :

MSVOA_V

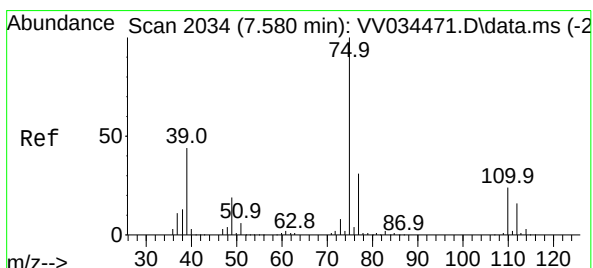
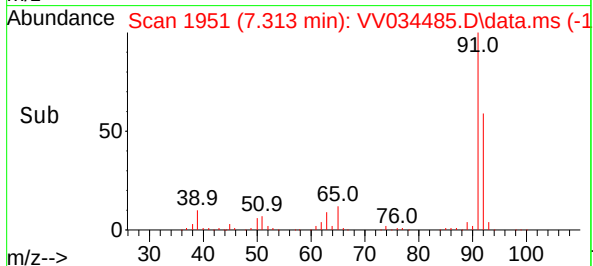
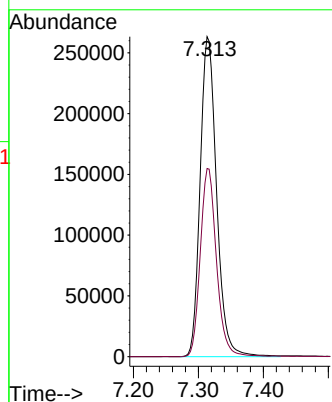
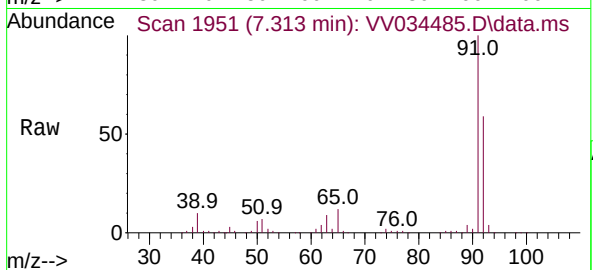
ClientSampleId :

Tgt Ion: 91 Resp: 464544

Ion Ratio Lower Upper

91 100

92 58.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 50.354 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV034485.D

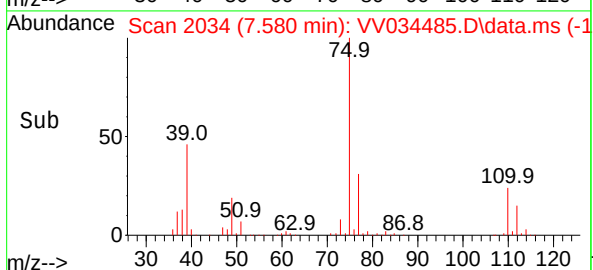
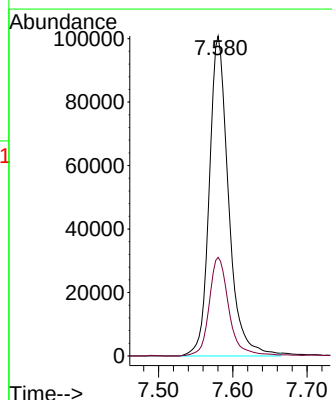
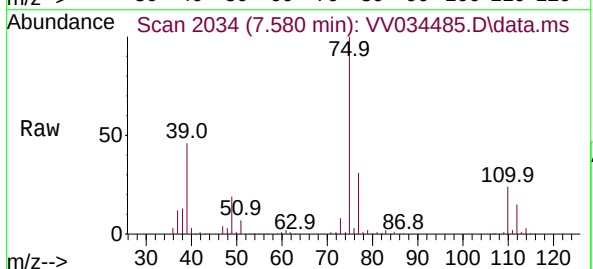
Acq: 29 Feb 2024 16:36

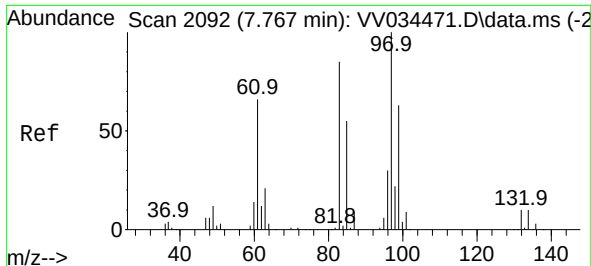
Tgt Ion: 75 Resp: 181508

Ion Ratio Lower Upper

75 100

77 30.8 21.8 40.4

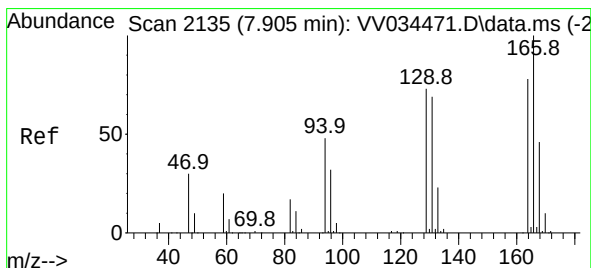
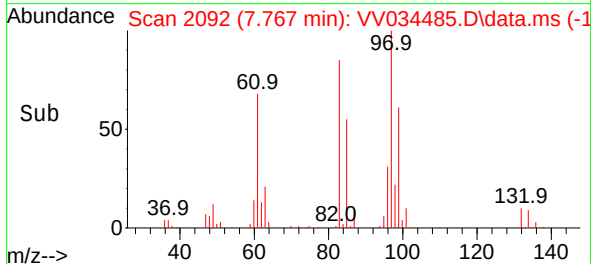
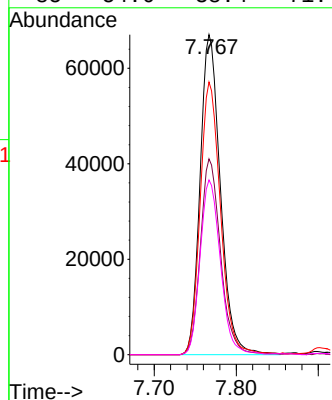
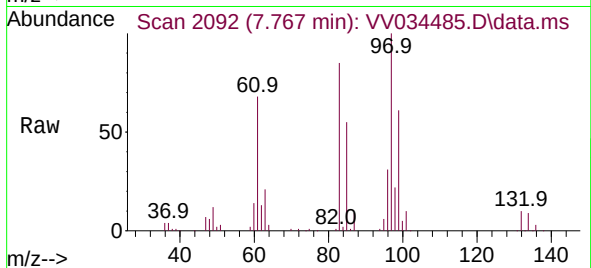




#45
1,1,2-Trichloroethane
Concen: 51.556 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

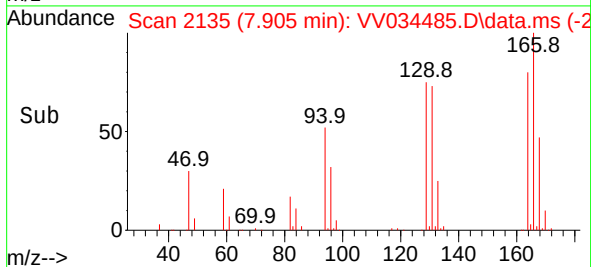
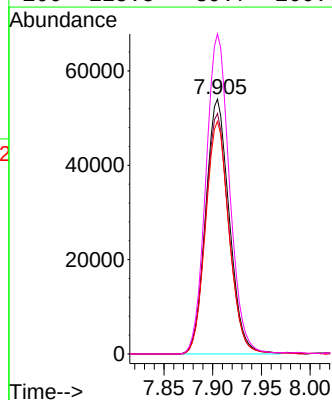
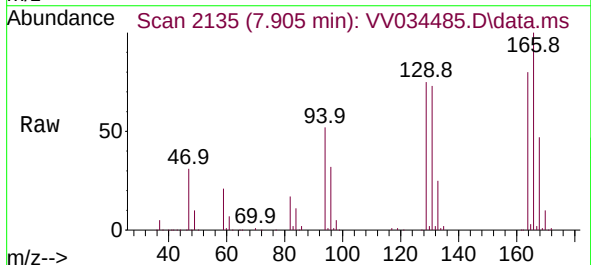
Instrument :
MSVOA_V
ClientSampleId :

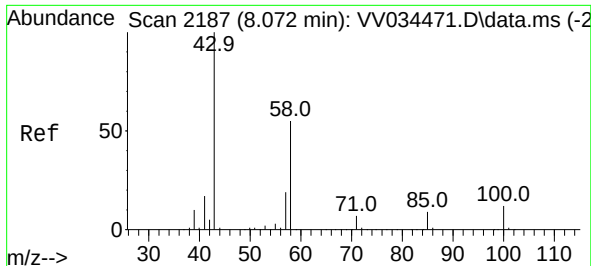
Tgt Ion:	97	Resp:	115072
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.8	81.4
83	85.2	59.4	110.2
85	54.6	38.4	71.4



#46
Tetrachloroethene
Concen: 48.840 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

Tgt Ion:	164	Resp:	91226
Ion	Ratio	Lower	Upper
164	100		
129	94.4	65.7	121.9
131	91.3	62.2	115.6
166	125.5	89.7	166.7





#48

2-Hexanone

Concen: 107.756 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. -0.000 min

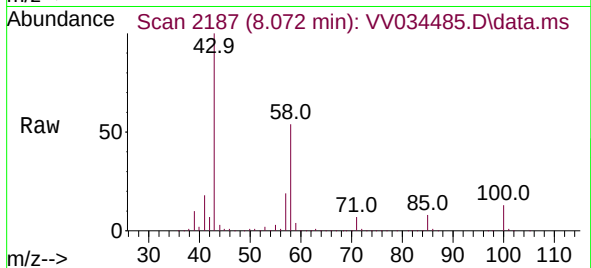
Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 292889

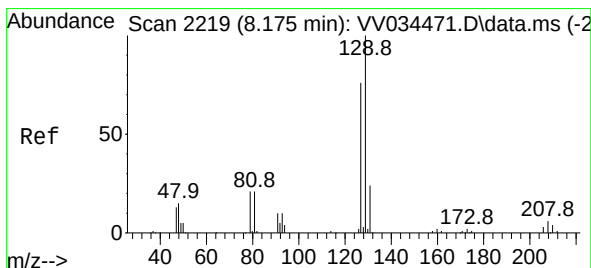
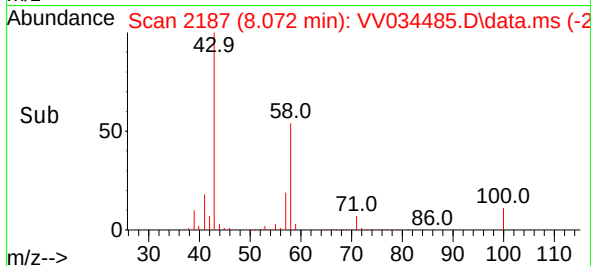
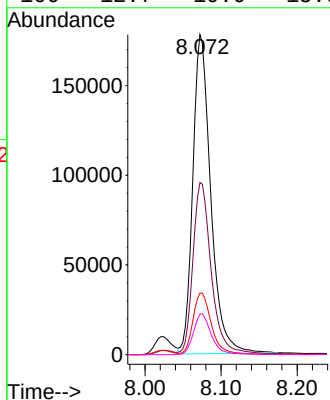
Ion Ratio Lower Upper

43 100

58 54.4 42.0 63.0

57 19.6 15.2 22.8

100 12.7 10.0 15.0



#49

Dibromochloromethane

Concen: 49.163 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. -0.000 min

Lab File: VV034485.D

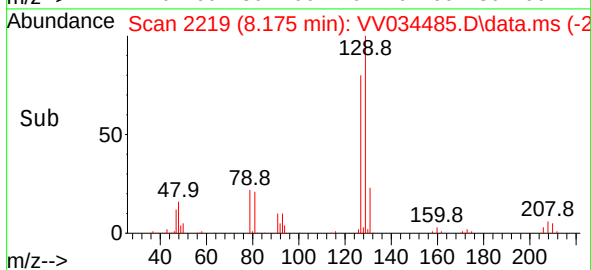
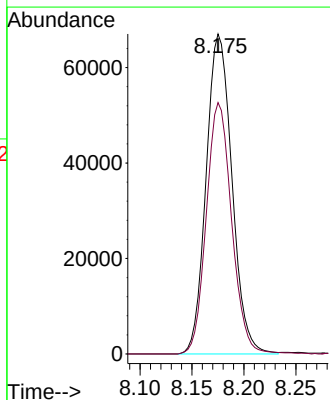
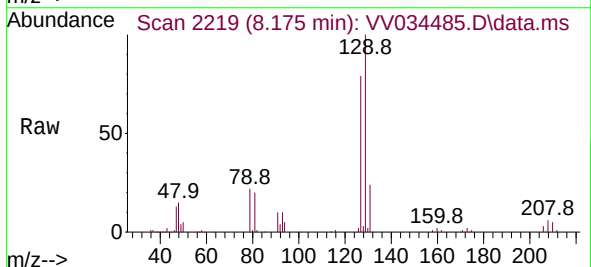
Acq: 29 Feb 2024 16:36

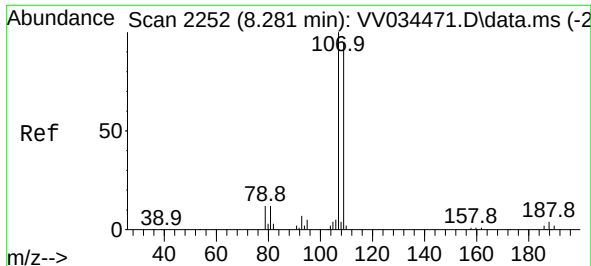
Tgt Ion: 129 Resp: 115796

Ion Ratio Lower Upper

129 100

127 78.6 53.3 98.9

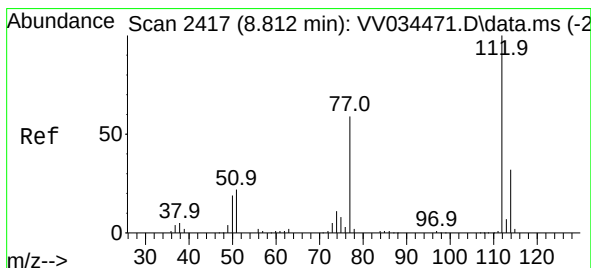
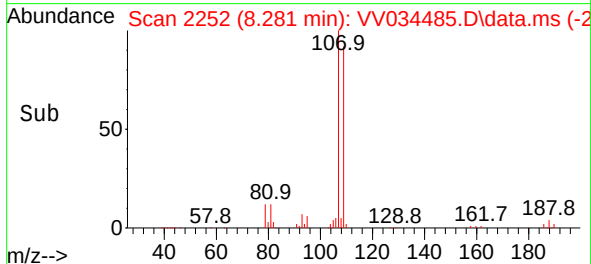
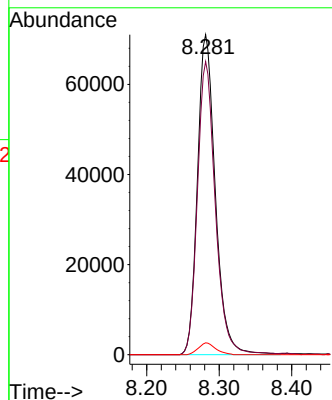
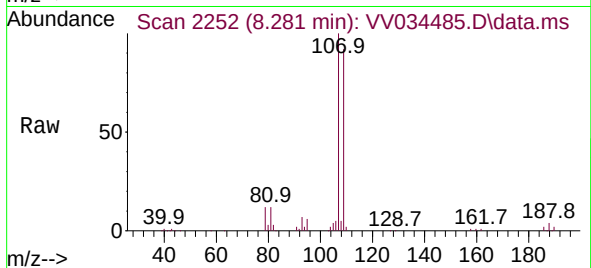




#50
1,2-Dibromoethane
Concen: 51.412 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

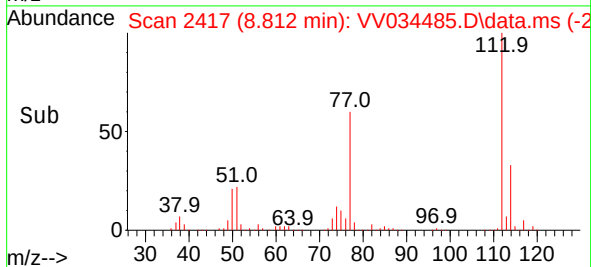
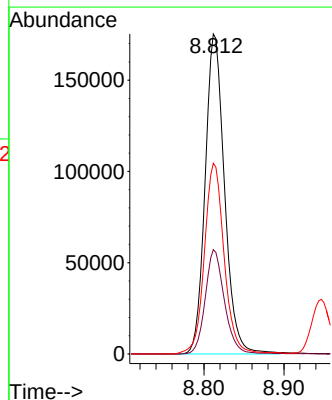
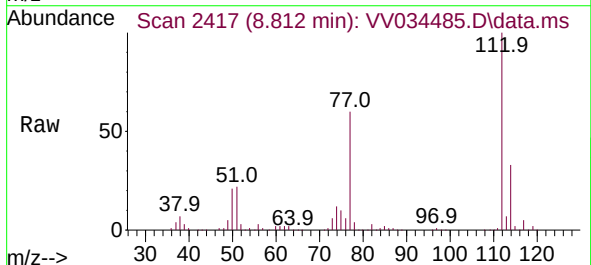
Instrument :
MSVOA_V
ClientSampleId :

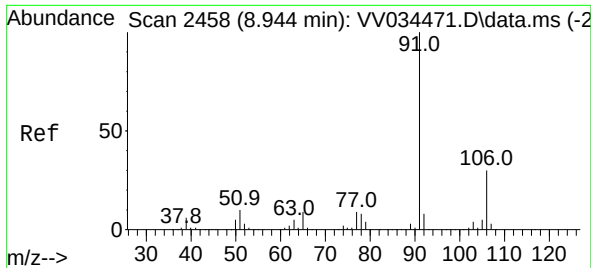
Tgt Ion:107 Resp: 121768
Ion Ratio Lower Upper
107 100
109 91.6 66.5 123.5
188 3.7 3.4 5.2



#51
Chlorobenzene
Concen: 49.040 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

Tgt Ion:112 Resp: 296466
Ion Ratio Lower Upper
112 100
114 32.6 22.3 41.5
77 59.6 47.7 71.5

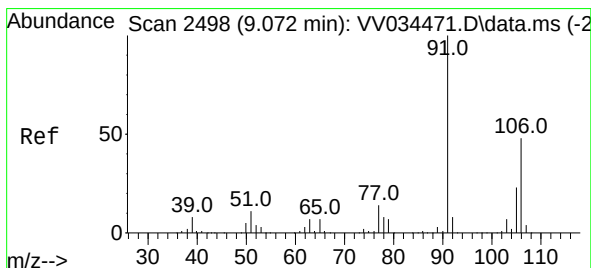
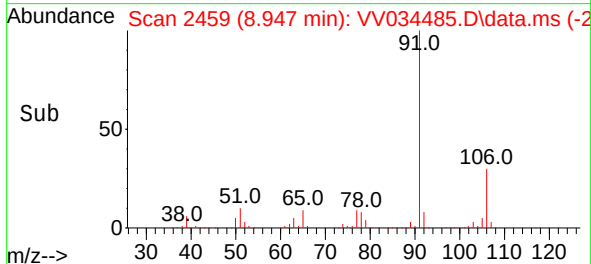
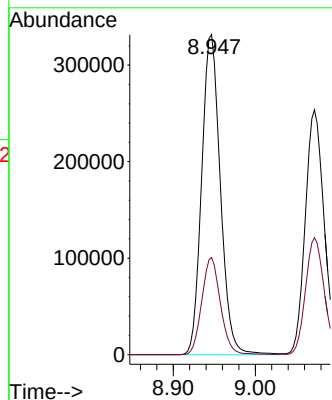
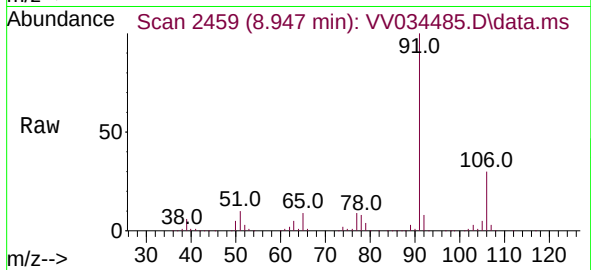




#52
Ethylbenzene
Concen: 50.109 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

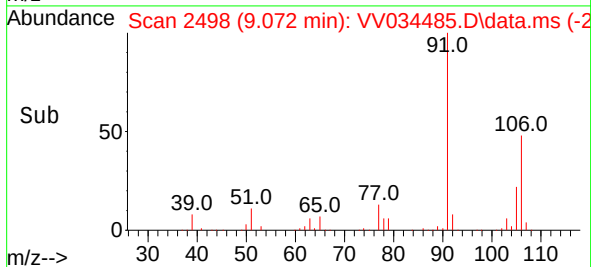
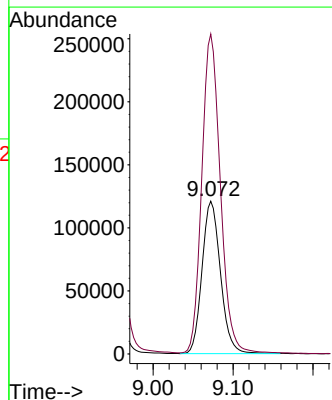
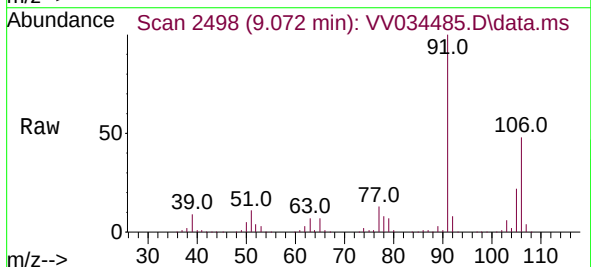
Instrument :
MSVOA_V
ClientSampleId :

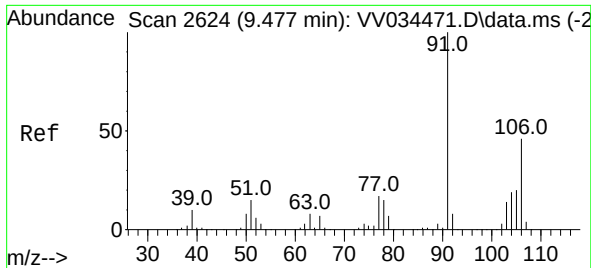
Tgt Ion: 91 Resp: 525039
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 48.862 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

Tgt Ion:106 Resp: 194280
Ion Ratio Lower Upper
106 100
91 209.3 145.3 269.9

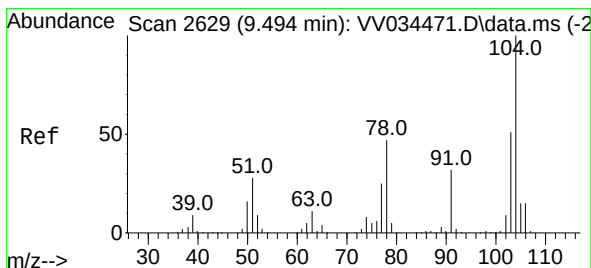
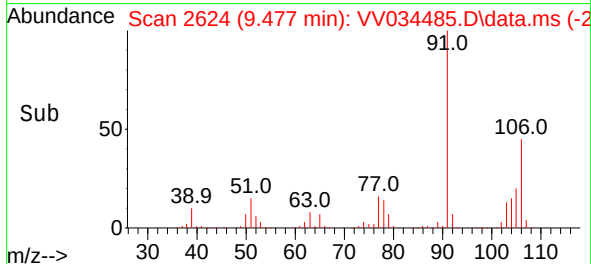
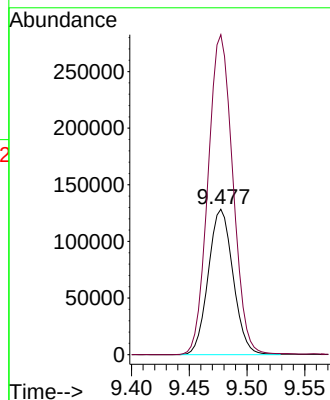
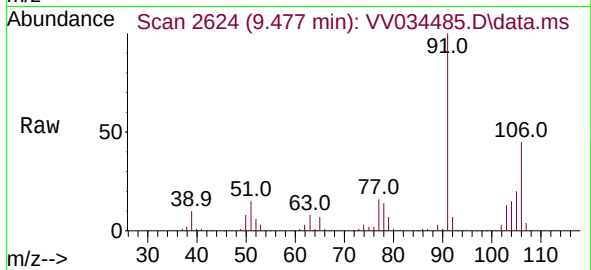




#54
o-Xylene
Concen: 49.274 ug/L
RT: 9.477 min Scan# 206
Delta R.T. -0.000 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

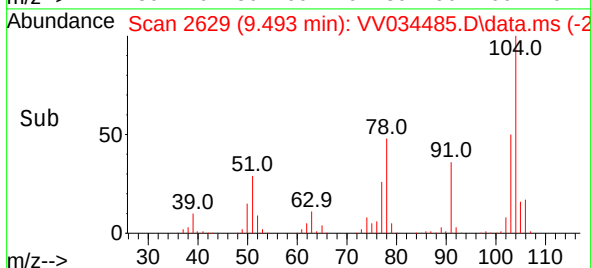
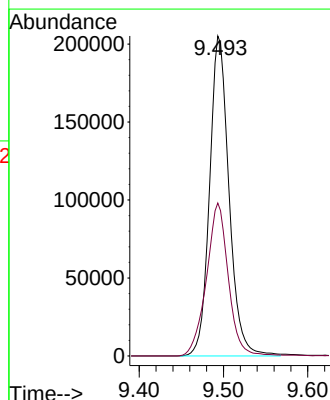
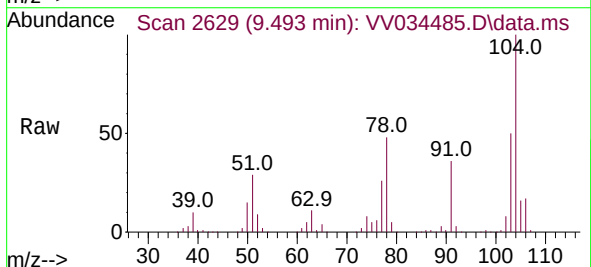
Instrument :
MSVOA_V
ClientSampleId :

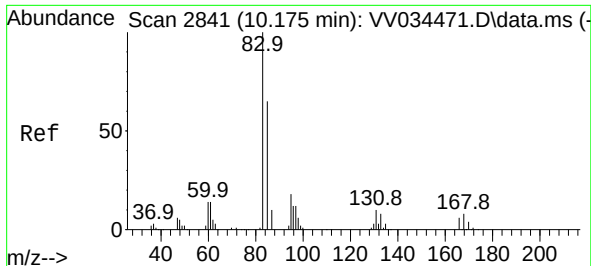
Tgt Ion:106 Resp: 191850
Ion Ratio Lower Upper
106 100
91 220.0 152.2 282.7



#55
Styrene
Concen: 50.011 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

Tgt Ion:104 Resp: 329684
Ion Ratio Lower Upper
104 100
78 47.8 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 50.460 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

Instrument :

MSVOA_V

ClientSampleId :

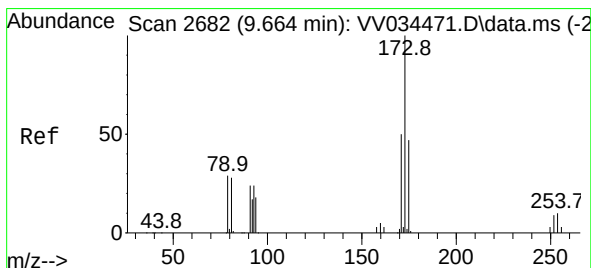
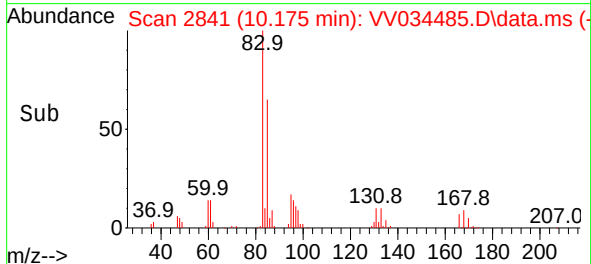
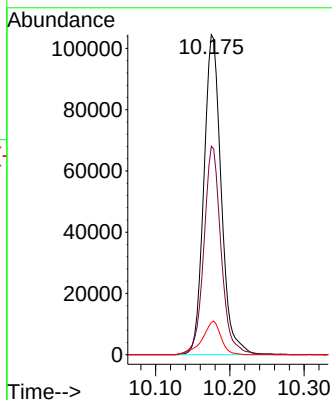
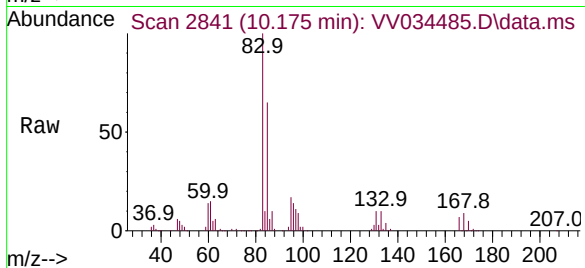
Tgt Ion: 83 Resp: 169159

Ion Ratio Lower Upper

83 100

85 65.1 45.4 84.2

131 10.1 8.3 12.5



#59

Bromoform

Concen: 47.240 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. -0.000 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

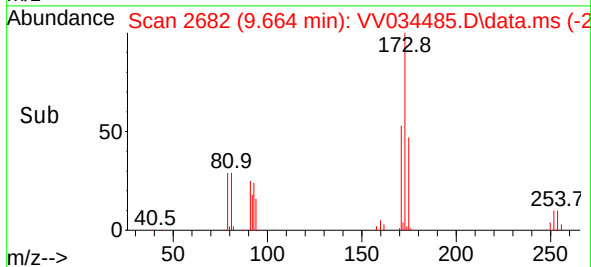
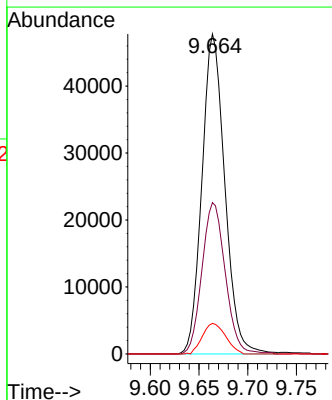
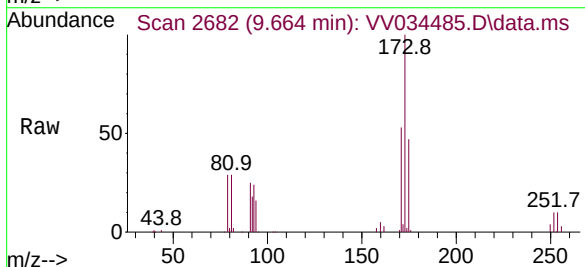
Tgt Ion: 173 Resp: 78013

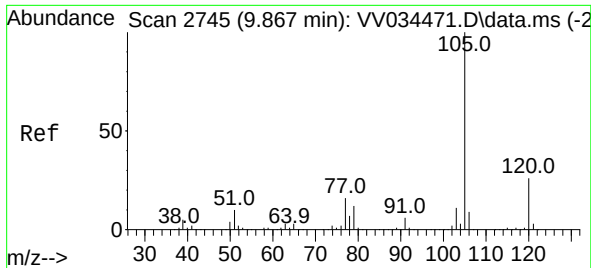
Ion Ratio Lower Upper

173 100

175 48.1 39.1 58.7

254 9.7 7.8 11.8

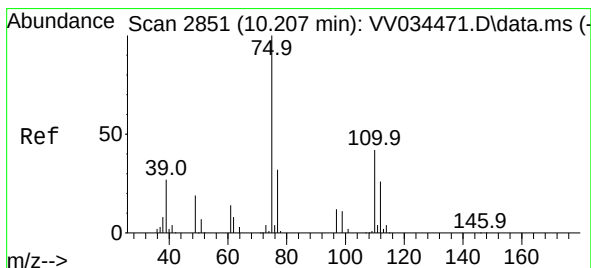
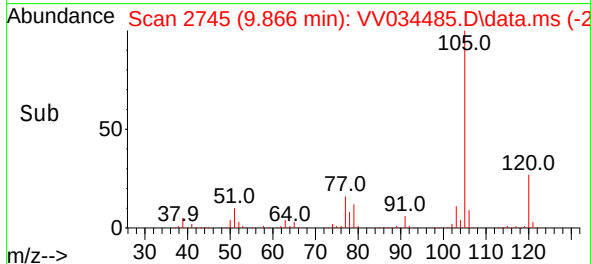
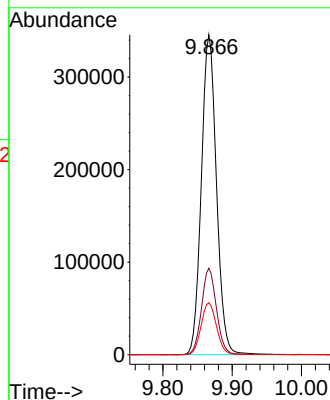
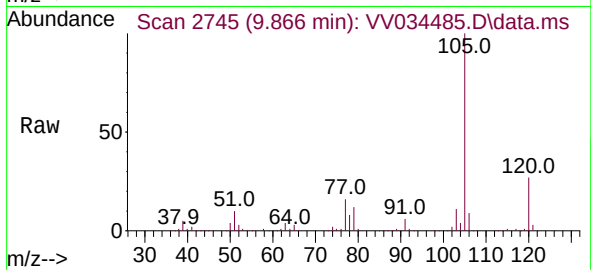




#60
Isopropylbenzene
Concen: 49.797 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

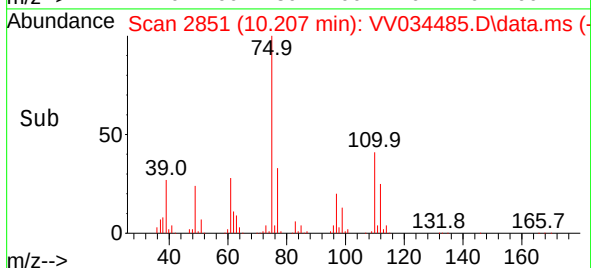
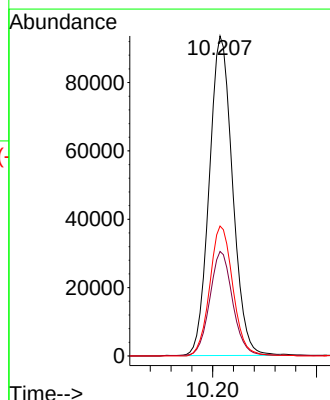
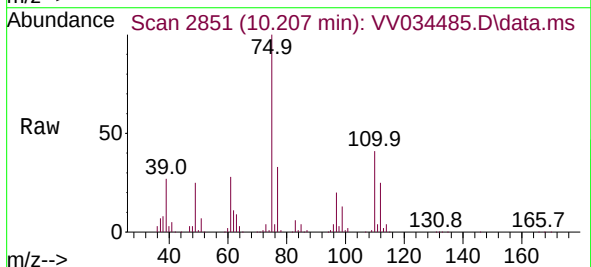
Instrument :
MSVOA_V
ClientSampleId :

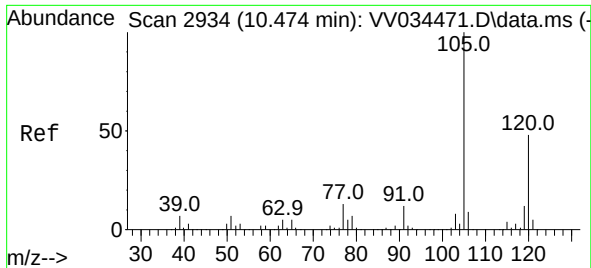
Tgt Ion:	105	Resp:	524582
Ion Ratio	Lower	Upper	
105	100		
120	26.6	20.8	31.2
77	16.6	13.0	19.6



#61
1,2,3-Trichloropropane
Concen: 51.183 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV034485.D
Acq: 29 Feb 2024 16:36

Tgt Ion:	75	Resp:	145527
Ion Ratio	Lower	Upper	
75	100		
77	32.1	25.9	38.9
110	40.4	33.1	49.7





#62

1,3,5-Trimethylbenzene

Concen: 50.051 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

Instrument :

MSVOA_V

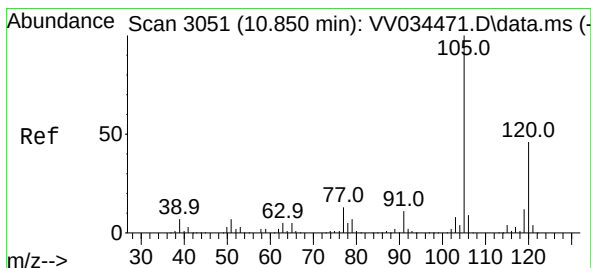
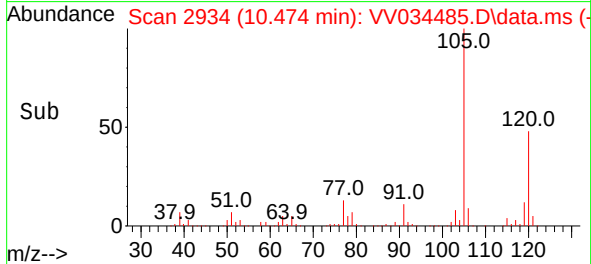
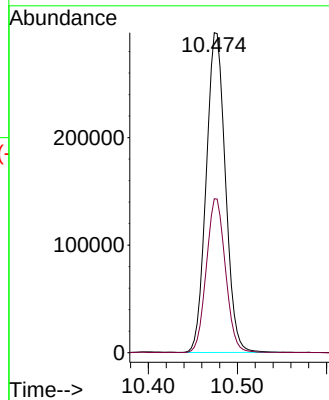
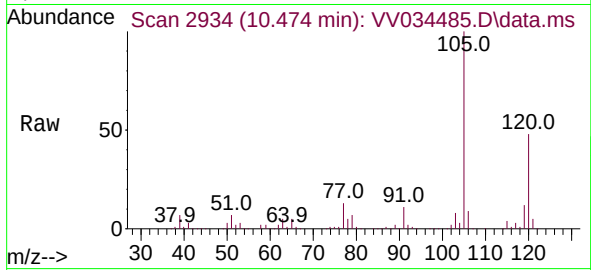
ClientSampleId :

Tgt Ion:105 Resp: 444766

Ion Ratio Lower Upper

105 100

120 48.0 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 50.399 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034485.D

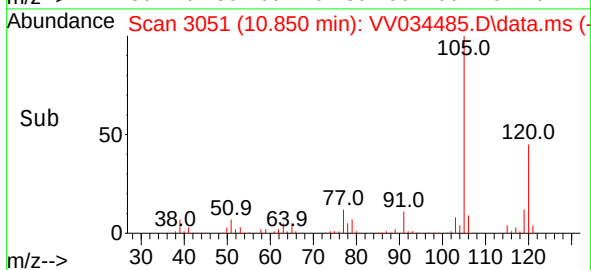
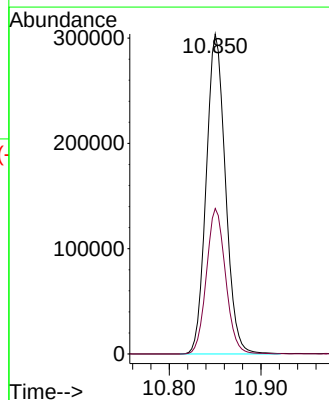
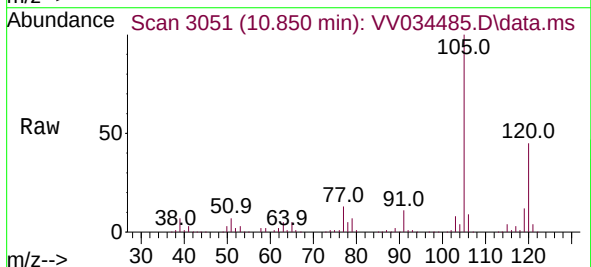
Acq: 29 Feb 2024 16:36

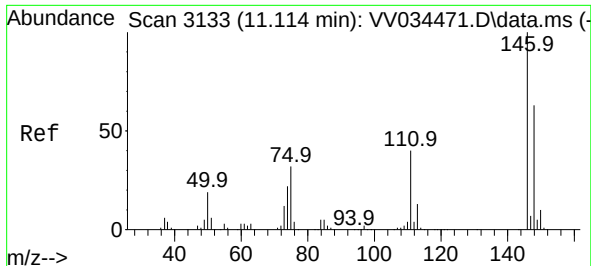
Tgt Ion:105 Resp: 442946

Ion Ratio Lower Upper

105 100

120 45.4 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 48.874 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

Instrument :

MSVOA_V

ClientSampleId :

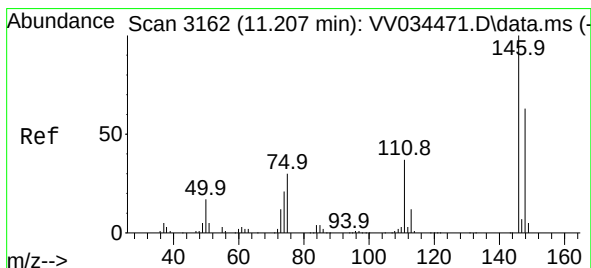
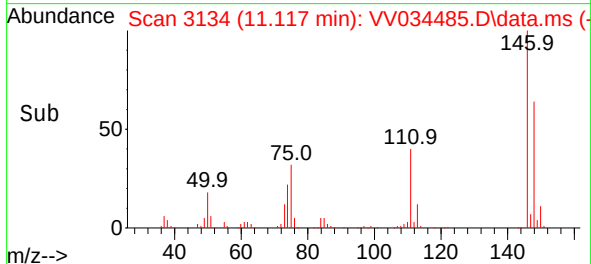
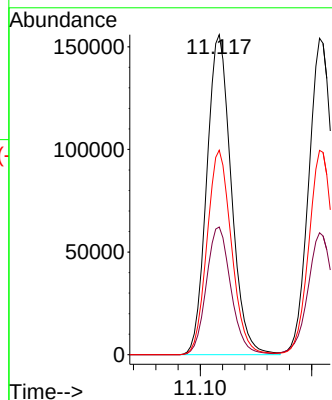
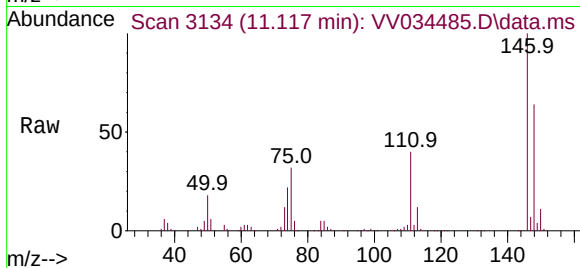
Tgt Ion:146 Resp: 238050

Ion Ratio Lower Upper

146 100

111 39.9 27.9 51.7

148 63.9 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 48.821 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

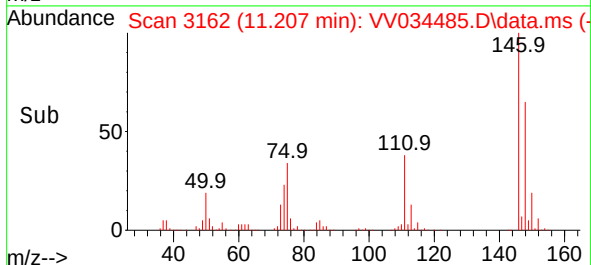
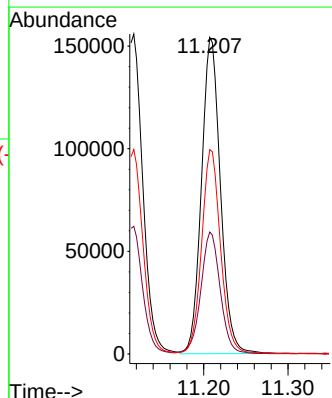
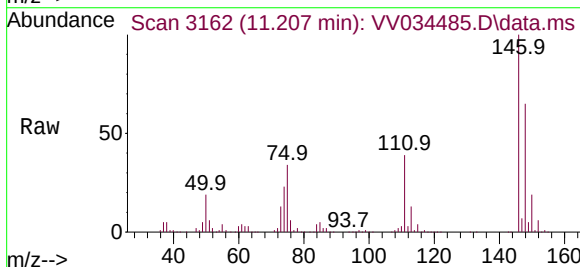
Tgt Ion:146 Resp: 241480

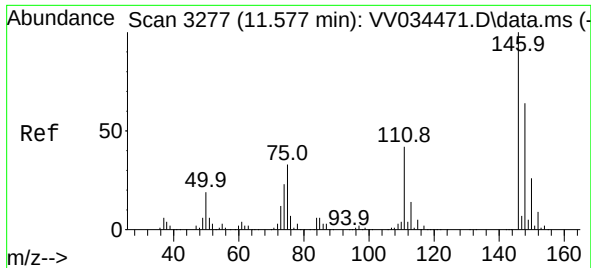
Ion Ratio Lower Upper

146 100

111 38.6 26.5 49.1

148 64.6 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 49.037 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

Instrument :

MSVOA_V

ClientSampleId :

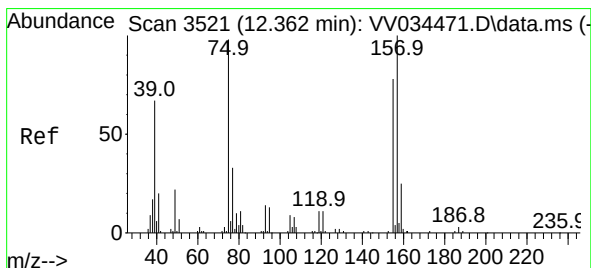
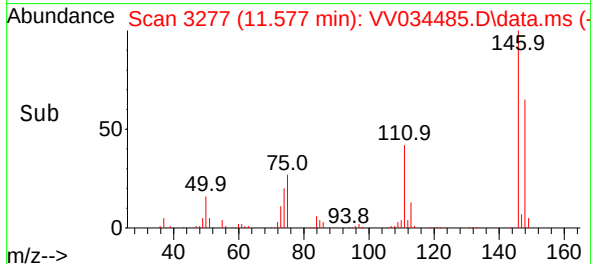
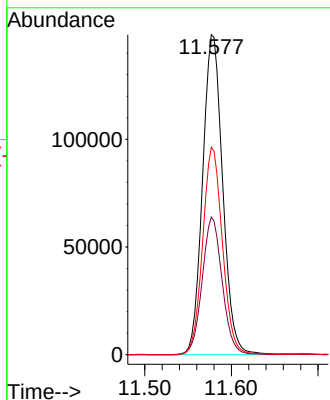
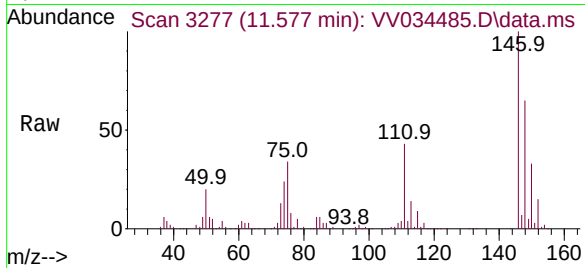
Tgt Ion:146 Resp: 239331

Ion Ratio Lower Upper

146 100

111 43.0 33.8 50.8

148 64.9 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 51.207 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.003 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

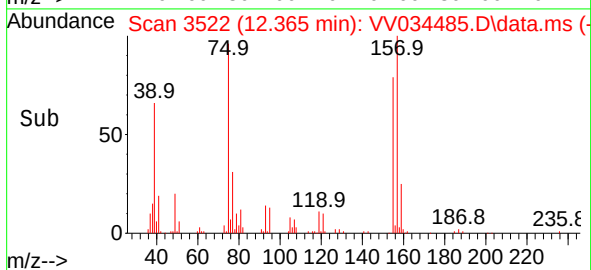
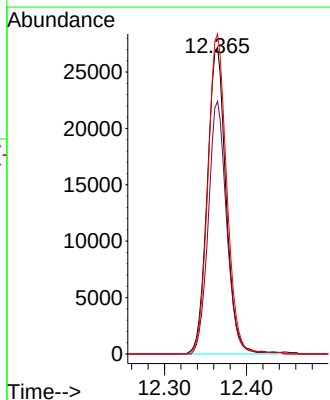
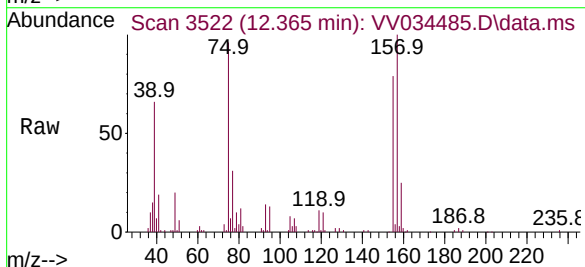
Tgt Ion: 75 Resp: 43370

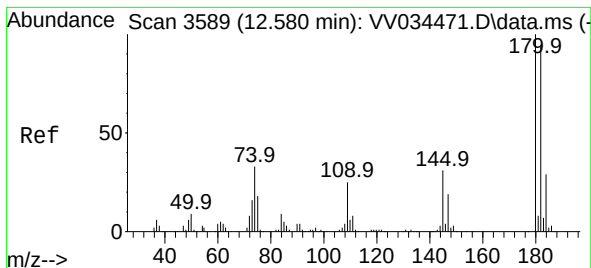
Ion Ratio Lower Upper

75 100

155 82.4 63.3 94.9

157 104.3 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 48.383 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

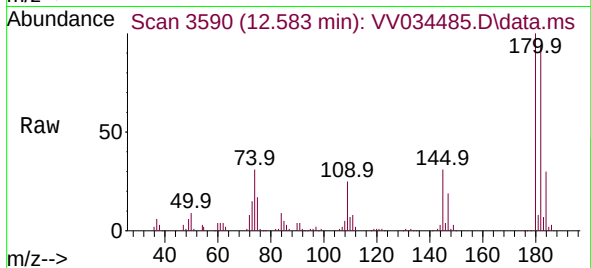
Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 176789

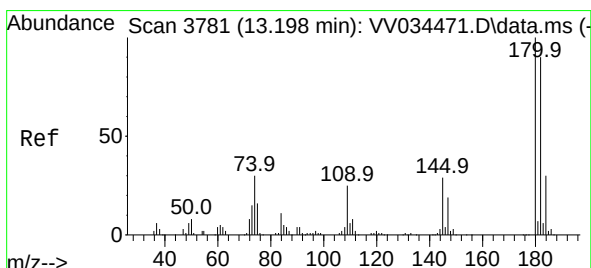
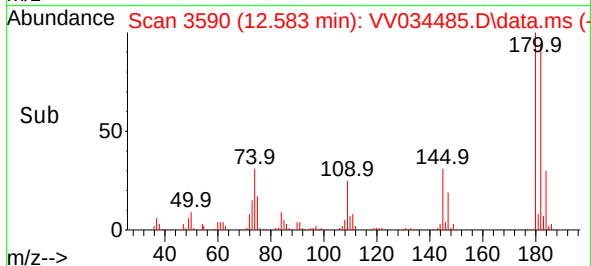
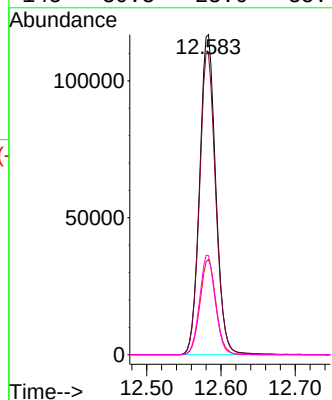
Ion Ratio Lower Upper

180 100

182 94.5 74.6 112.0

184 29.4 23.6 35.4

145 30.3 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 49.501 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

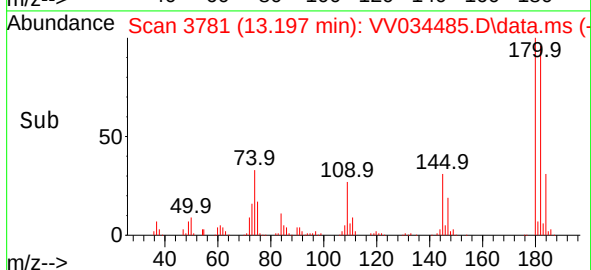
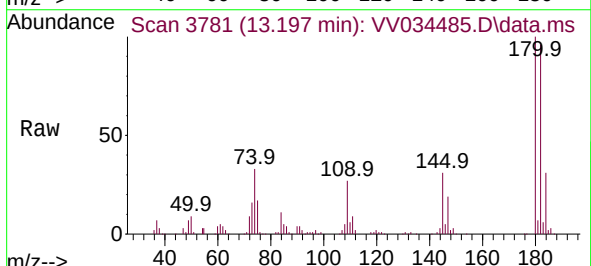
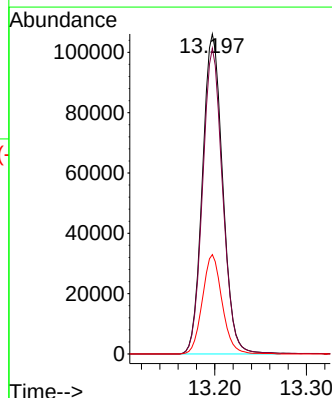
Tgt Ion:180 Resp: 162751

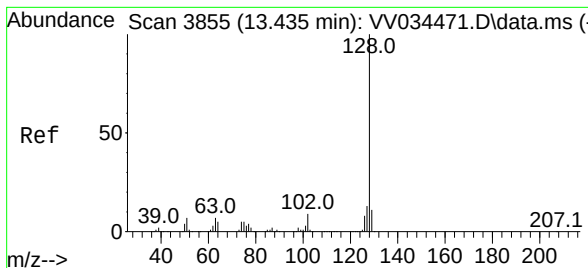
Ion Ratio Lower Upper

180 100

182 94.3 74.8 112.2

145 30.2 24.2 36.4





#71

Naphthalene

Concen: 54.526 ug/L

RT: 13.438 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

Instrument :

MSVOA_V

ClientSampleId :

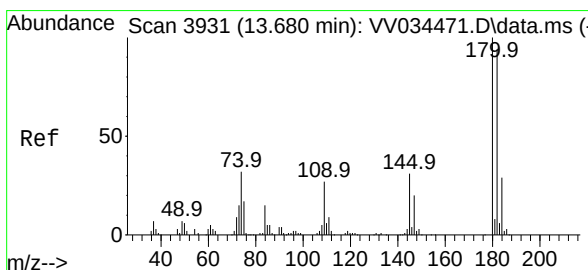
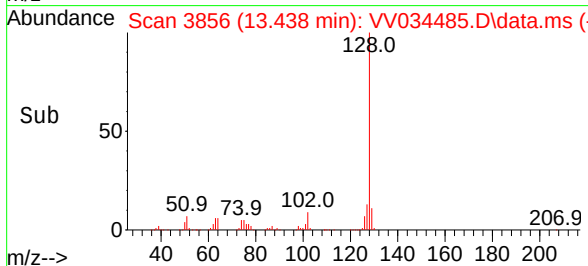
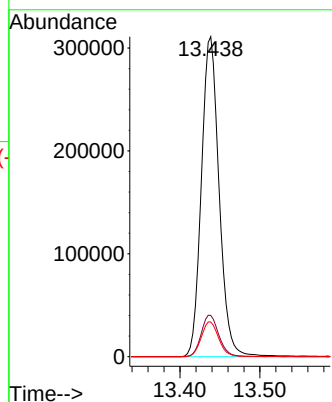
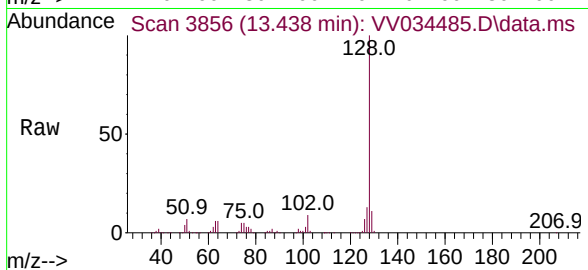
Tgt Ion:128 Resp: 479538

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.815 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV034485.D

Acq: 29 Feb 2024 16:36

Tgt Ion:180 Resp: 162985

Ion Ratio Lower Upper

180 100

182 96.1 75.9 113.9

145 32.8 25.5 38.3

