

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030124\
 Data File : VW034493.D
 Acq On : 01 Mar 2024 12:22
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 01 22:20:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 22:18:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	290800	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	269544	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	137791	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	104135	41.308	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.620%
7) Chloroethane-d5	1.529	69	87087	44.342	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.680%
11) 1,1-Dichloroethene-d2	2.056	65	46789	41.040	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.080%
21) 2-Butanone-d5	3.783	46	186831	110.823	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.820%
24) Chloroform-d	4.243	84	219685	49.287	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.580%
26) 1,2-Dichloroethane-d4	4.934	65	150975	51.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.660%
32) Benzene-d6	4.953	84	388812	47.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	5.982	67	124536	50.163	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.320%
41) Toluene-d8	7.239	98	340580	46.264	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.520%
43) trans-1,3-Dichloroprop...	7.548	79	57278	45.944	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.880%
47) 2-Hexanone-d5	8.021	63	132241	106.671	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.670%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	164305	50.291	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.580%
66) 1,2-Dichlorobenzene-d4	11.558	152	129514	45.984	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	134165	43.985	ug/L	100
3) Chloromethane	1.214	50	148132	49.422	ug/L	99
5) Vinyl chloride	1.282	62	135708	46.644	ug/L	97
6) Bromomethane	1.487	94	89304	51.159	ug/L	98
8) Chloroethane	1.548	64	82554	47.739	ug/L	100
9) Trichlorofluoromethane	1.709	101	188022	43.154	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	100972	42.999	ug/L	98
12) 1,1-Dichloroethene	2.066	96	97697	44.867	ug/L	97
13) Acetone	2.121	43	134509	66.370	ug/L	100
14) Carbon disulfide	2.240	76	281324	46.552	ug/L	100
15) Methyl Acetate	2.372	43	144445	55.711	ug/L	98
16) Methylene chloride	2.445	84	125599	54.378	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	103576	49.144	ug/L	96
18) Methyl tert-butyl Ether	2.699	73	427673	56.506	ug/L	99
19) 1,1-Dichloroethane	3.108	63	216817	52.516	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	122347	53.503	ug/L	95
22) 2-Butanone	3.867	43	185022	92.452	ug/L	98
23) Bromochloromethane	4.143	128	64423	54.482	ug/L	96
25) Chloroform	4.269	83	222291	51.946	ug/L	99

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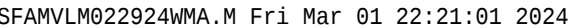
Instrument :
 MSVOA_V
 ClientSampleId :

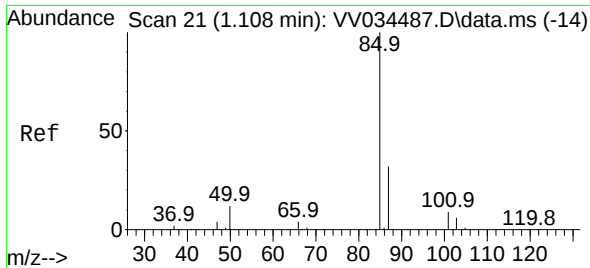
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 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 22:18:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	191903	55.196	ug/L	97
29) Cyclohexane	4.577	56	160593	45.296	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	184282	47.677	ug/L	100
31) Carbon tetrachloride	4.732	117	158591	46.343	ug/L	99
33) Benzene	5.005	78	431612	51.587	ug/L	100
34) Trichloroethene	5.828	95	116030	48.788	ug/L	98
35) Methylcyclohexane	6.047	83	159511	44.118	ug/L	99
37) 1,2-Dichloropropane	6.088	63	117911	53.829	ug/L	100
38) Bromodichloromethane	6.426	83	162448	52.723	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	185964	52.399	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	362671	112.283	ug/L	99
42) Toluene	7.310	91	441524	49.862	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	172282	50.474	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	112146	53.062	ug/L	96
46) Tetrachloroethene	7.902	164	79756	45.093	ug/L	98
48) 2-Hexanone	8.072	43	264430	102.740	ug/L	98
49) Dibromochloromethane	8.172	129	117663	52.756	ug/L	98
50) 1,2-Dibromoethane	8.278	107	119226	53.161	ug/L	98
51) Chlorobenzene	8.812	112	276793	48.353	ug/L	99
52) Ethylbenzene	8.944	91	469679	47.338	ug/L	100
53) m,p-Xylene	9.069	106	175656	46.654	ug/L	100
54) o-Xylene	9.474	106	178224	48.341	ug/L	100
55) Styrene	9.493	104	307158	49.206	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	166819	52.551	ug/L	99
59) Bromoform	9.661	173	83547	54.688	ug/L	99
60) Isopropylbenzene	9.863	105	467430	47.965	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	141812	53.916	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	397190	48.316	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	397379	48.875	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	216662	48.085	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	221884	48.492	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	223910	49.592	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	41607	53.103	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	156129	46.189	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	144714	47.579	ug/L	96
71) Naphthalene	13.439	128	399518	49.105	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	144519	48.706	ug/L	99

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

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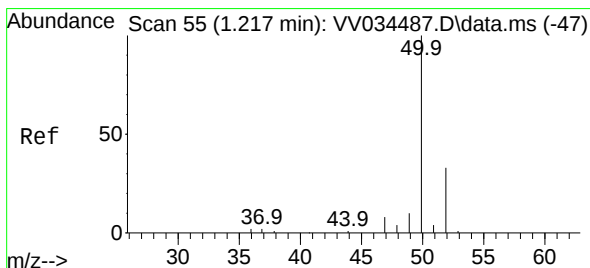
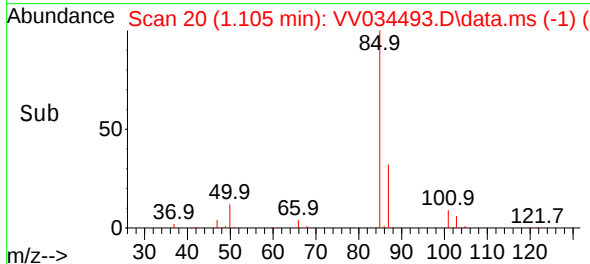
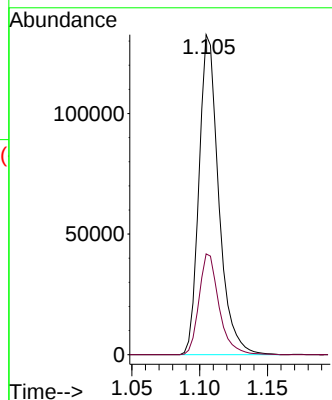
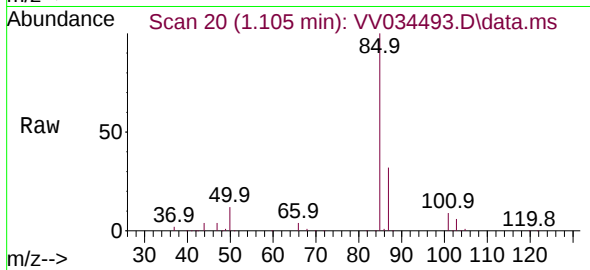




#2
 Dichlorodifluoromethane
 Concen: 43.985 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV034493.D
 Acq: 01 Mar 2024 12:22

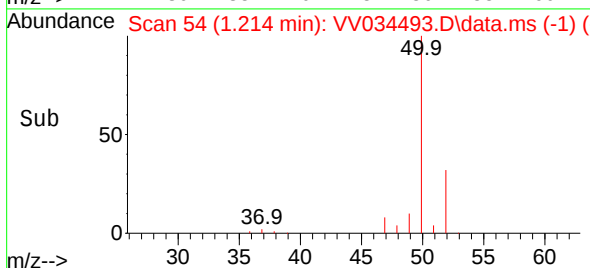
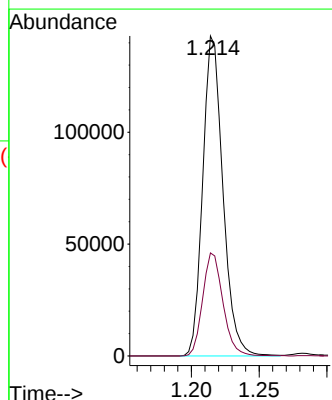
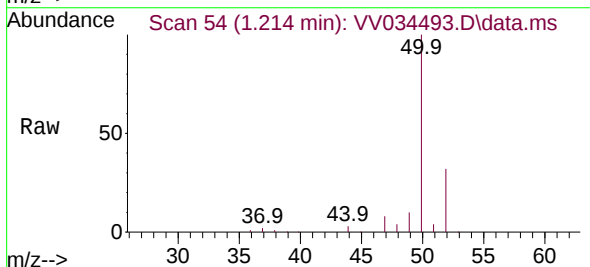
Instrument :
 MSVOA_V
 ClientSampleId :

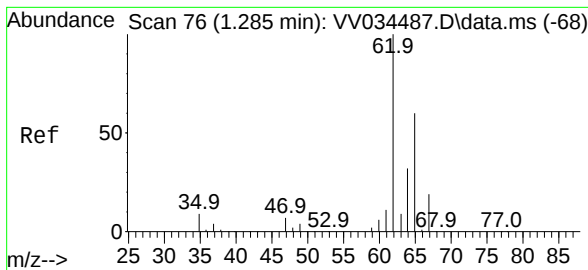
Tgt Ion: 85 Resp: 134165
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.5 38.3



#3
 Chloromethane
 Concen: 49.422 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV034493.D
 Acq: 01 Mar 2024 12:22

Tgt Ion: 50 Resp: 148132
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.0 42.8





#5

Vinyl chloride

Concen: 46.644 ug/L

RT: 1.282 min Scan# 76

Delta R.T. -0.003 min

Lab File: VV034493.D

Acq: 01 Mar 2024 12:22

Instrument :

MSVOA_V

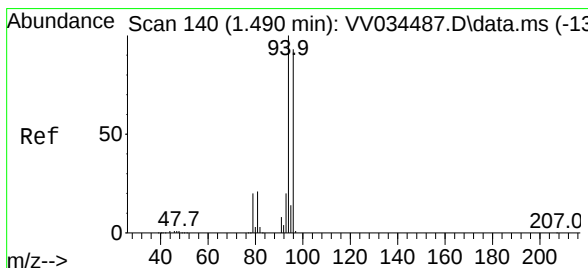
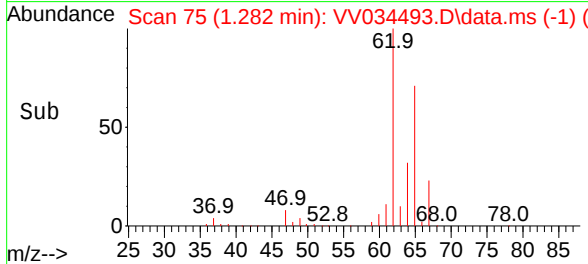
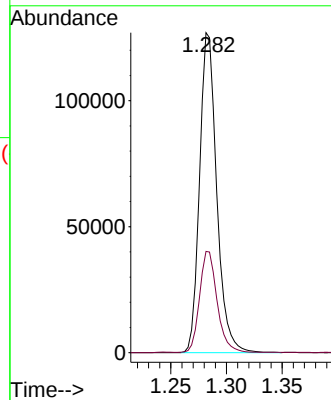
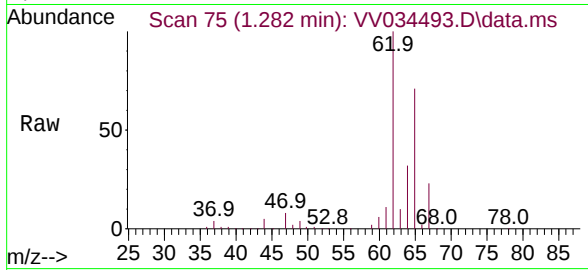
ClientSampleId :

Tgt Ion: 62 Resp: 135708

Ion Ratio Lower Upper

62 100

64 31.6 23.4 43.6



#6

Bromomethane

Concen: 51.159 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.003 min

Lab File: VV034493.D

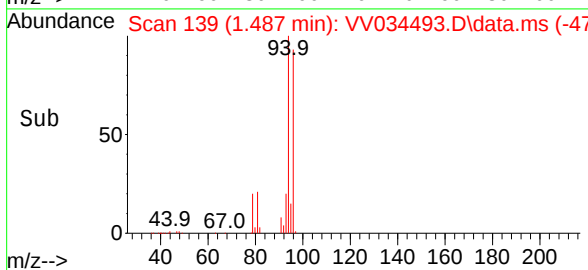
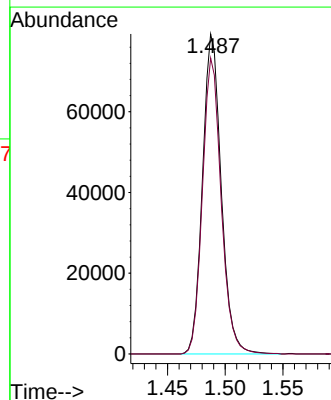
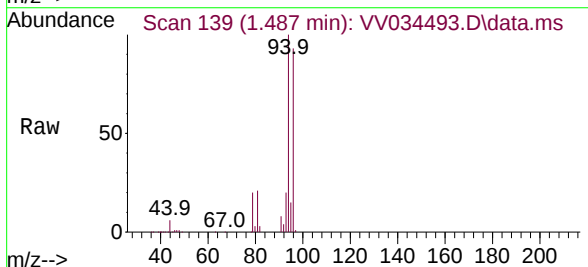
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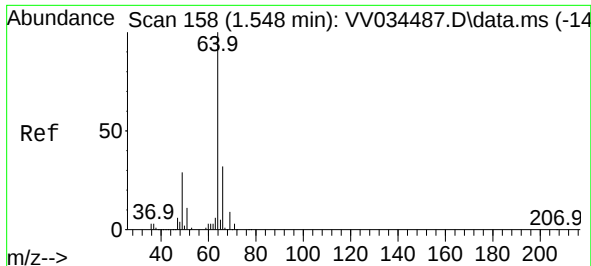
Tgt Ion: 94 Resp: 89304

Ion Ratio Lower Upper

94 100

96 92.5 66.0 122.6

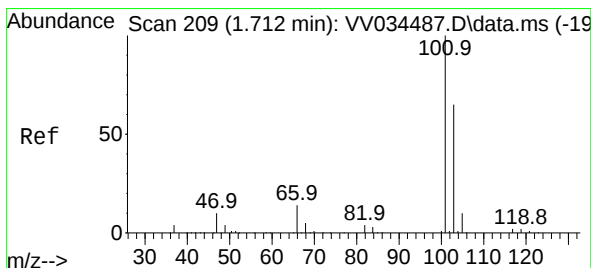
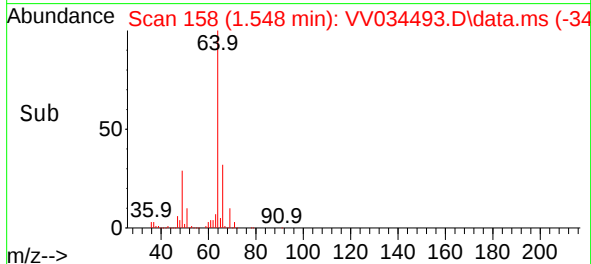
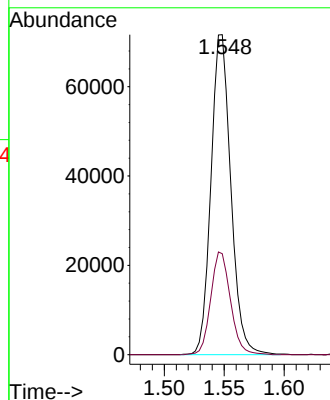
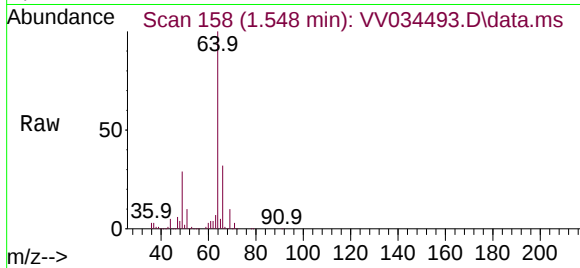




#8
Chloroethane
Concen: 47.739 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

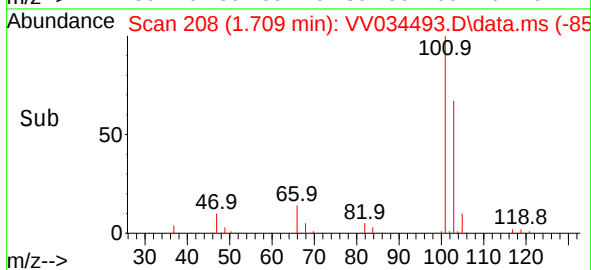
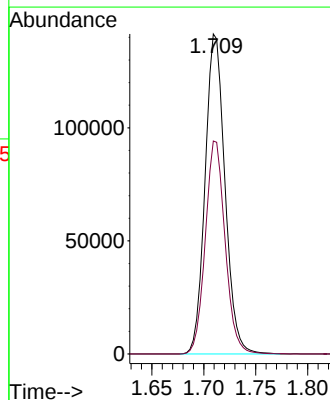
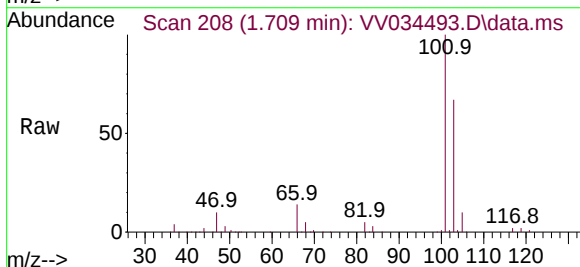
Instrument :
MSVOA_V
ClientSampleId :

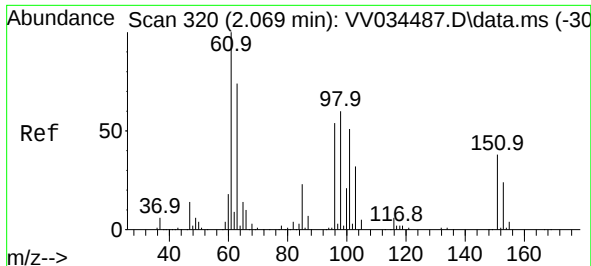
Tgt Ion: 64 Resp: 82554
Ion Ratio Lower Upper
64 100
66 31.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 43.154 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

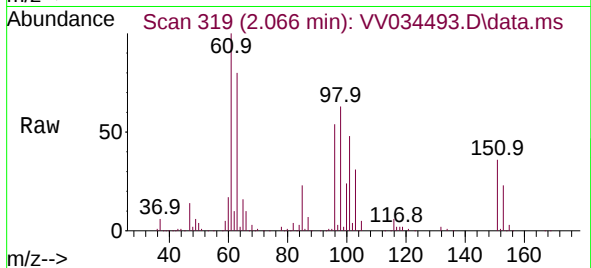
Tgt Ion:101 Resp: 188022
Ion Ratio Lower Upper
101 100
103 66.3 51.8 77.8



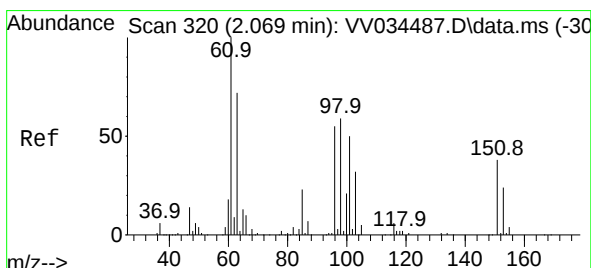
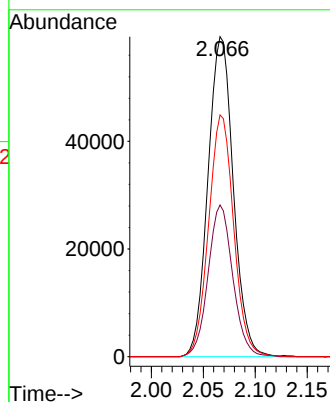
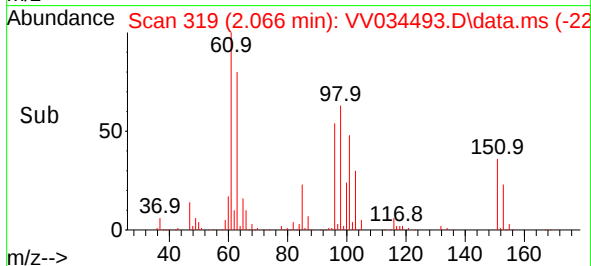


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.999 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV034493.D
 Acq: 01 Mar 2024 12:22

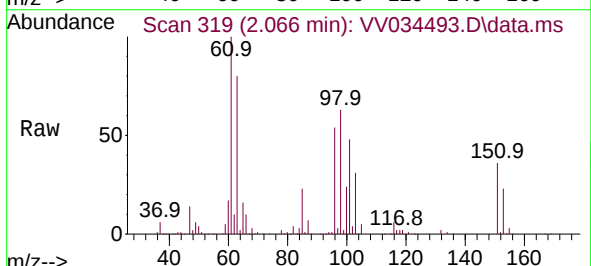
Instrument :
 MSVOA_V
 ClientSampleId :



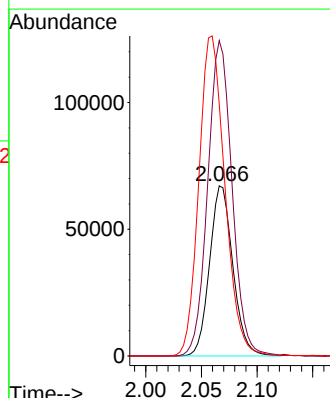
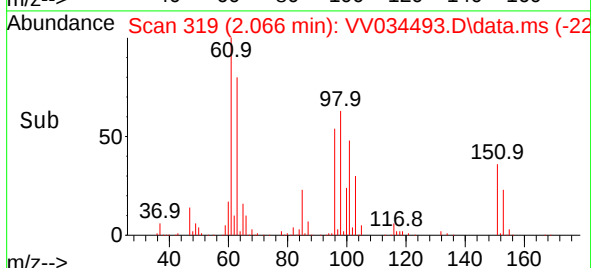
Tgt Ion:101 Resp: 100972
 Ion Ratio Lower Upper
 101 100
 85 46.1 37.4 56.0
 151 74.6 61.4 92.2

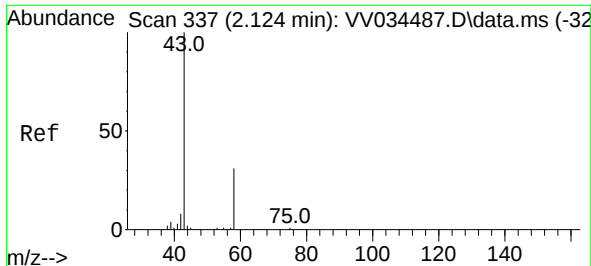


#12
 1,1-Dichloroethene
 Concen: 44.867 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV034493.D
 Acq: 01 Mar 2024 12:22



Tgt Ion: 96 Resp: 97697
 Ion Ratio Lower Upper
 96 100
 61 185.4 128.9 239.3
 63 148.1 98.0 182.0





#13

Acetone

Concen: 66.370 ug/L

RT: 2.121 min Scan# 337

Delta R.T. -0.003 min

Lab File: VV034493.D

Acq: 01 Mar 2024 12:22

Instrument :

MSVOA_V

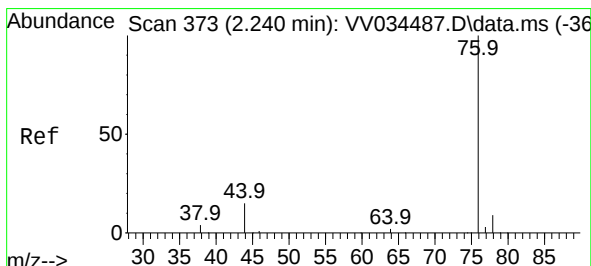
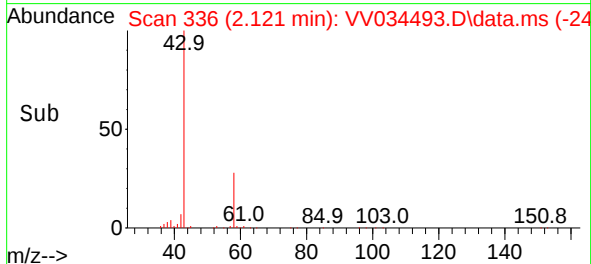
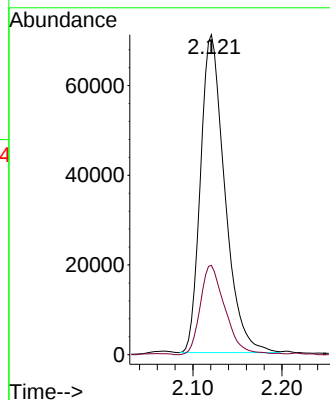
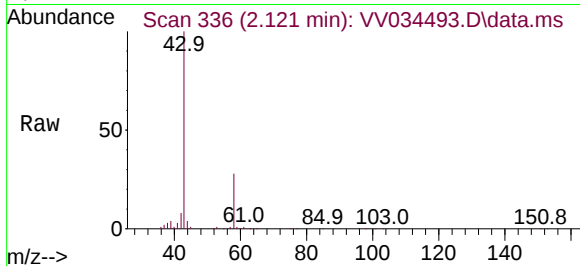
ClientSampleId :

Tgt Ion: 43 Resp: 134509

Ion Ratio Lower Upper

43 100

58 28.6 0.0 57.2



#14

Carbon disulfide

Concen: 46.552 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV034493.D

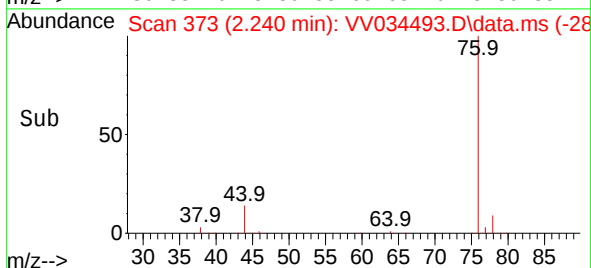
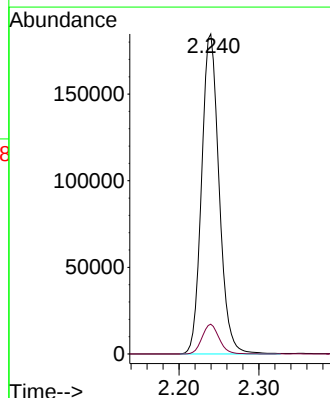
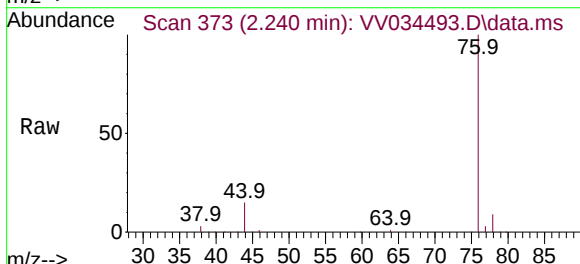
Acq: 01 Mar 2024 12:22

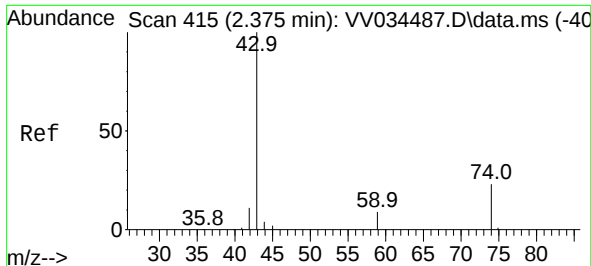
Tgt Ion: 76 Resp: 281324

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3





#15

Methyl Acetate

Concen: 55.711 ug/L

RT: 2.372 min Scan# 415

Delta R.T. -0.003 min

Lab File: VV034493.D

Acq: 01 Mar 2024 12:22

Instrument :

MSVOA_V

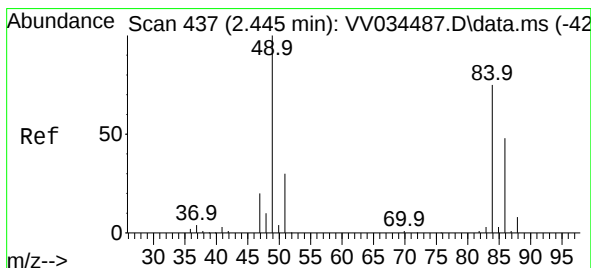
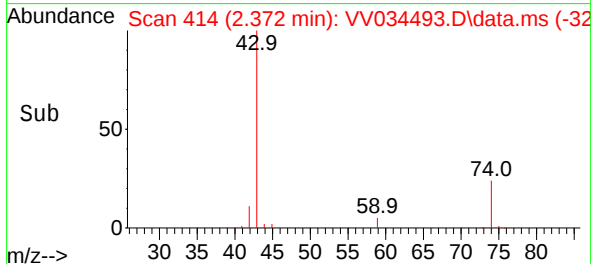
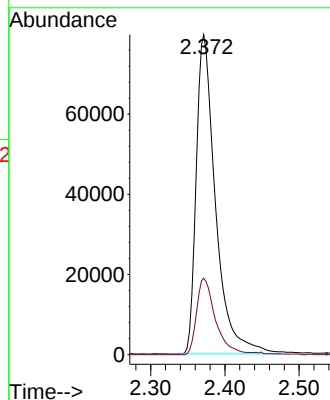
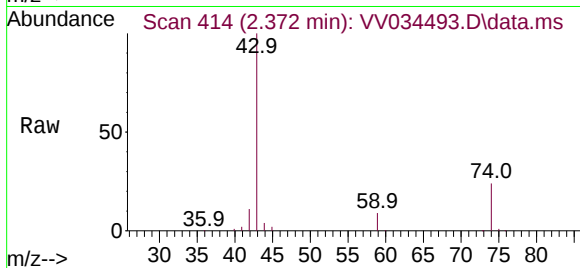
ClientSampleId :

Tgt Ion: 43 Resp: 144445

Ion Ratio Lower Upper

43 100

74 23.3 17.8 26.8



#16

Methylene chloride

Concen: 54.378 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV034493.D

Acq: 01 Mar 2024 12:22

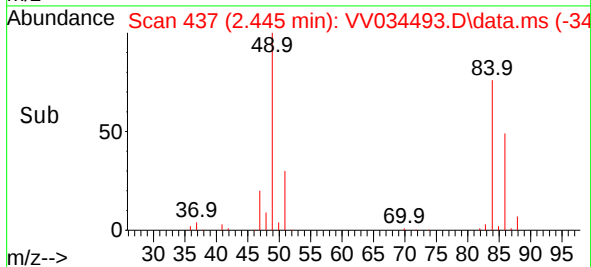
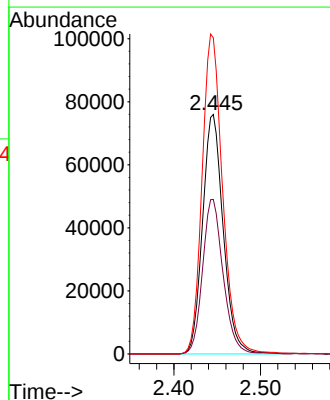
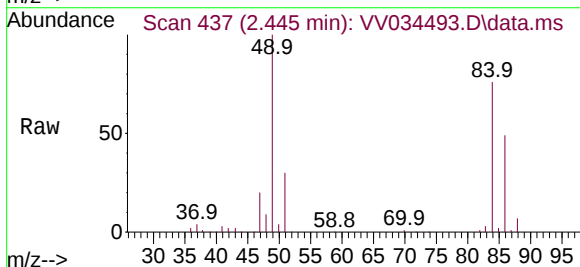
Tgt Ion: 84 Resp: 125599

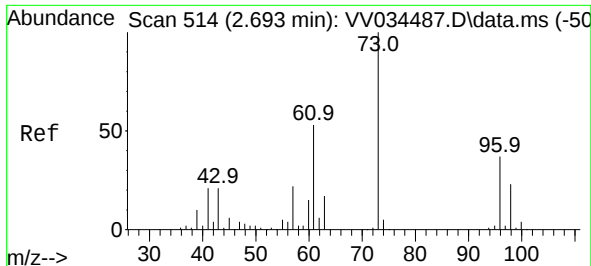
Ion Ratio Lower Upper

84 100

86 64.5 45.6 84.6

49 132.0 92.3 171.3





#17

trans-1,2-Dichloroethene

Concen: 49.144 ug/L

RT: 2.690 min Scan# 514

Delta R.T. -0.003 min

Lab File: VV034493.D

Acq: 01 Mar 2024 12:22

Instrument :

MSVOA_V

ClientSampleId :

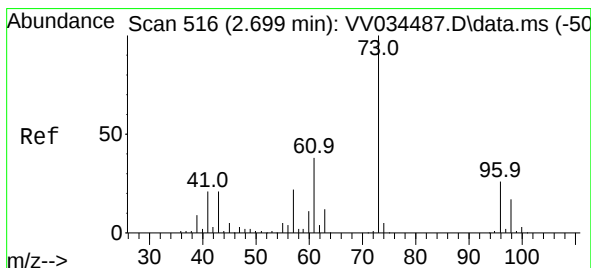
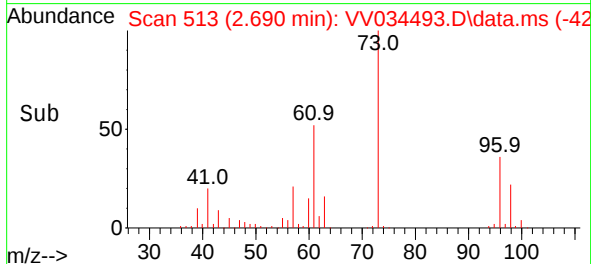
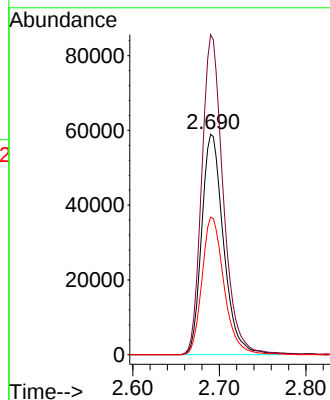
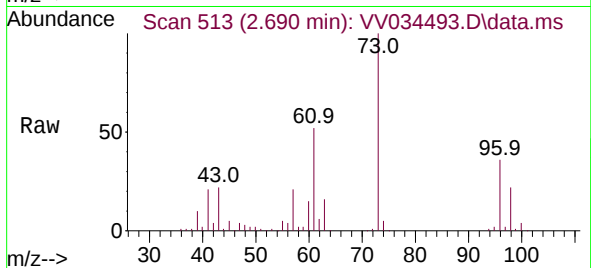
Tgt Ion: 96 Resp: 103576

Ion Ratio Lower Upper

96 100

61 145.1 98.8 183.4

98 62.4 46.1 85.5



#18

Methyl tert-butyl Ether

Concen: 56.506 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV034493.D

Acq: 01 Mar 2024 12:22

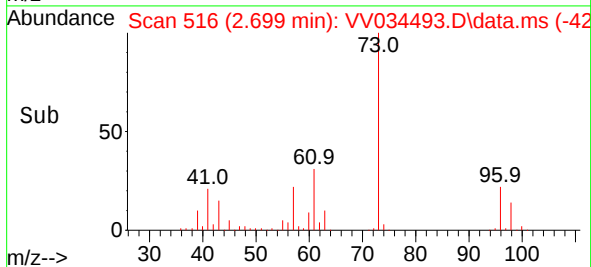
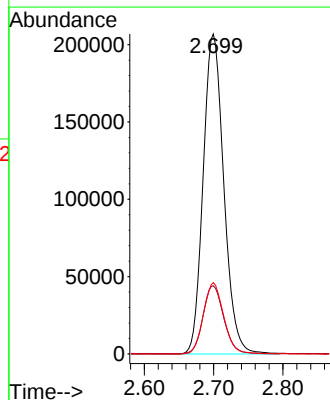
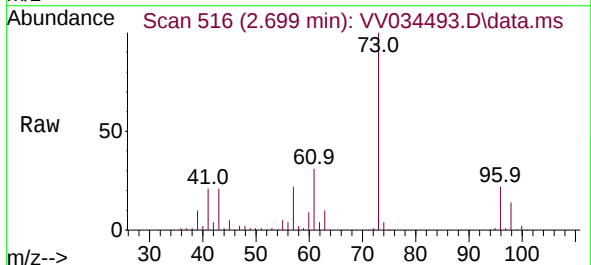
Tgt Ion: 73 Resp: 427673

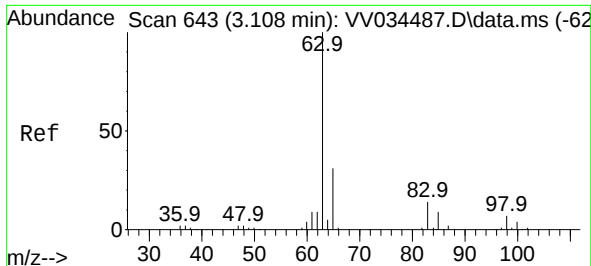
Ion Ratio Lower Upper

73 100

43 21.0 17.1 25.7

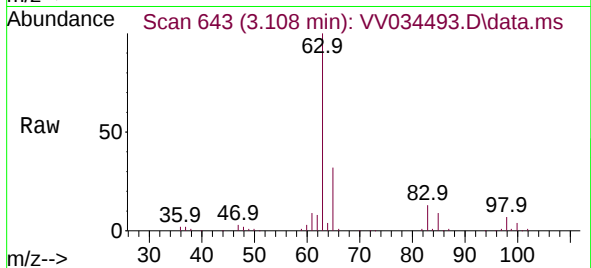
57 21.9 17.6 26.4



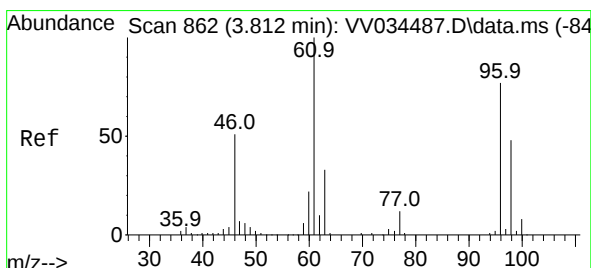
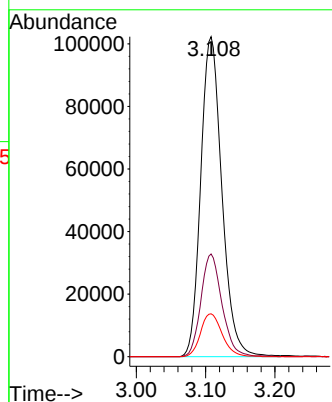
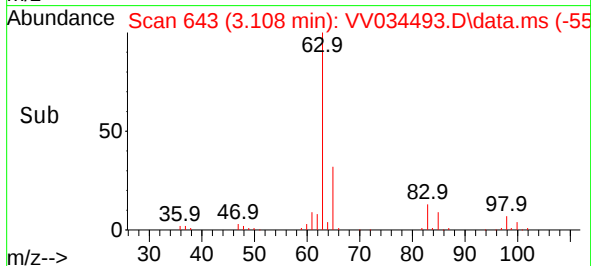


#19
1,1-Dichloroethane
Concen: 52.516 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

Instrument :
MSVOA_V
ClientSampleId :

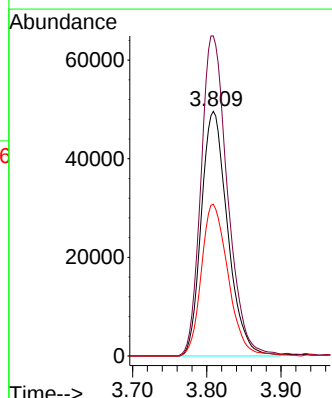
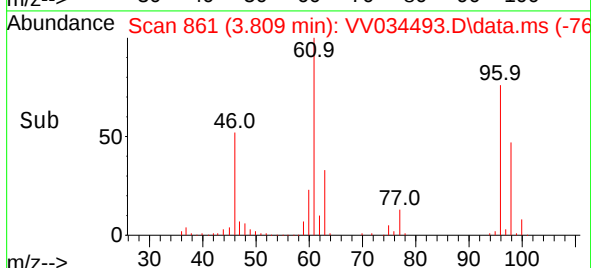
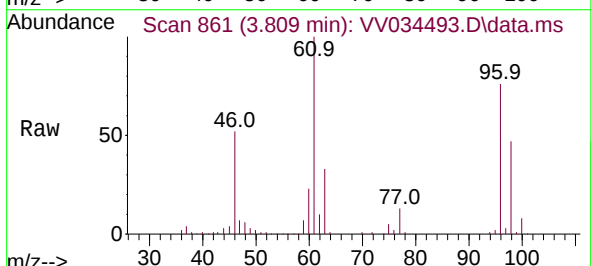


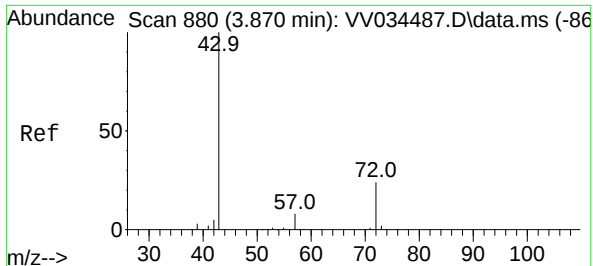
Tgt Ion: 63 Resp: 216817
Ion Ratio Lower Upper
63 100
65 32.1 22.1 41.1
83 13.4 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 53.503 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

Tgt Ion: 96 Resp: 122347
Ion Ratio Lower Upper
96 100
61 130.8 96.0 178.4
98 62.0 46.0 85.4

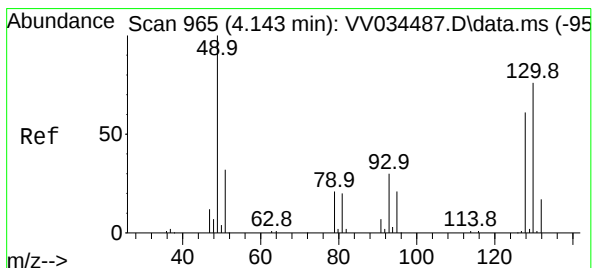
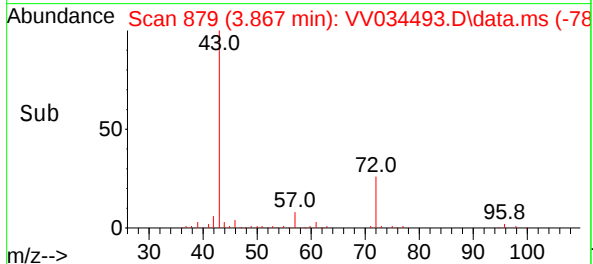
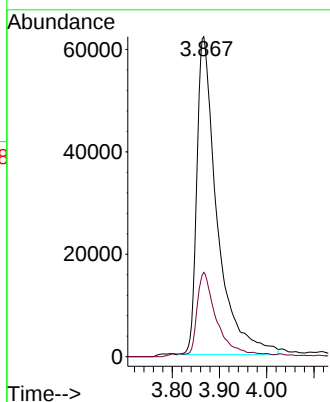
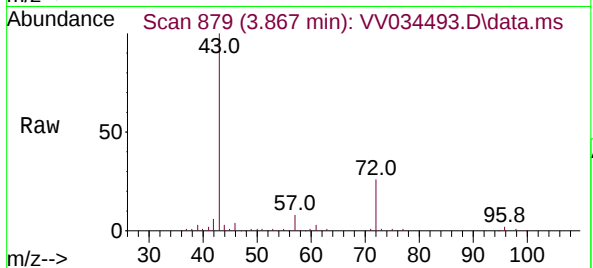




#22
2-Butanone
Concen: 92.452 ug/L
RT: 3.867 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

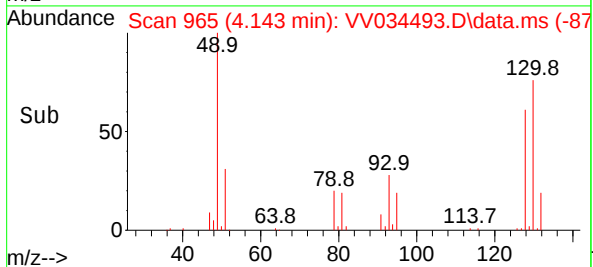
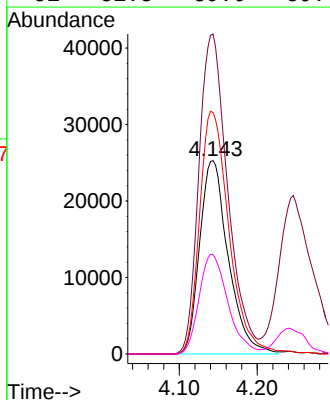
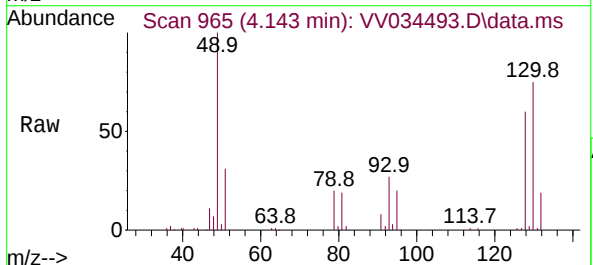
Instrument :
MSVOA_V
ClientSampleId :

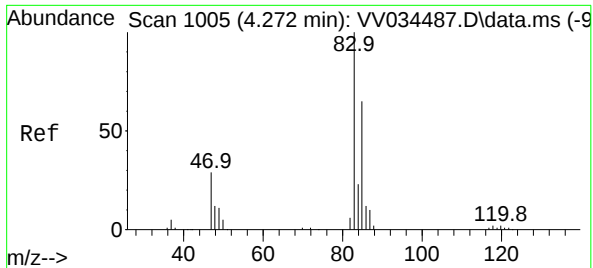
Tgt Ion: 43 Resp: 185022
Ion Ratio Lower Upper
43 100
72 23.8 11.5 34.4



#23
Bromochloromethane
Concen: 54.482 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

Tgt Ion:128 Resp: 64423
Ion Ratio Lower Upper
128 100
49 165.6 109.4 203.2
130 125.0 87.7 162.9
51 51.3 39.6 59.4





#25

Chloroform

Concen: 51.946 ug/L

RT: 4.269 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV034493.D

Acq: 01 Mar 2024 12:22

Instrument :

MSVOA_V

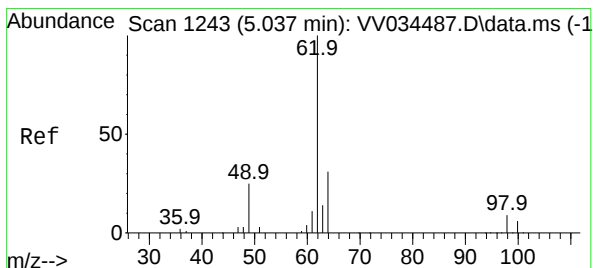
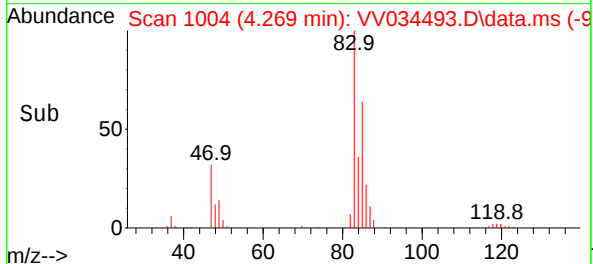
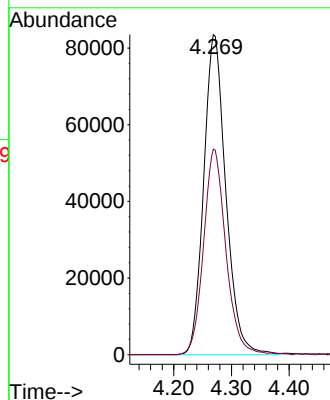
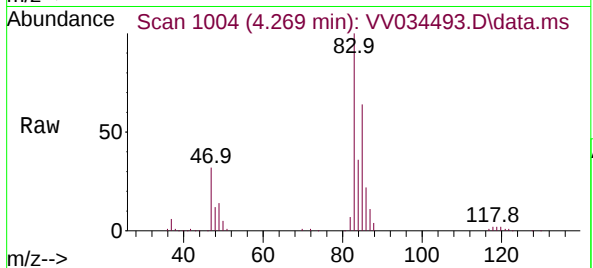
ClientSampleId :

Tgt Ion: 83 Resp: 222291

Ion Ratio Lower Upper

83 100

85 64.2 45.5 84.5



#27

1,2-Dichloroethane

Concen: 55.196 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV034493.D

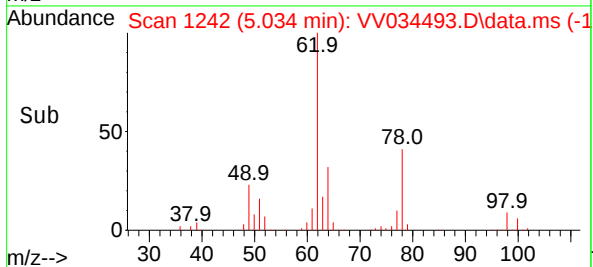
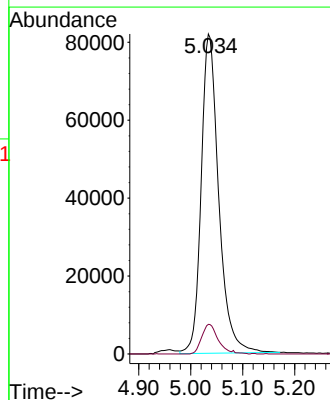
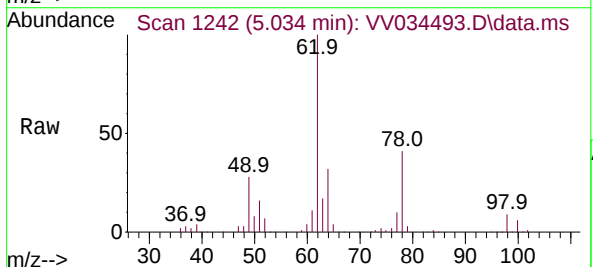
Acq: 01 Mar 2024 12:22

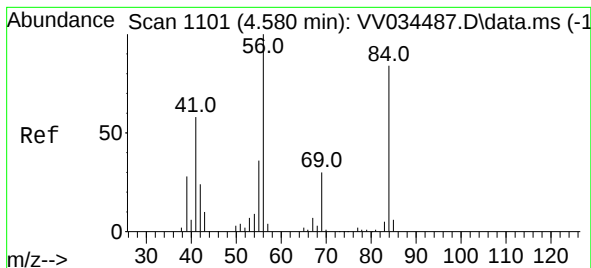
Tgt Ion: 62 Resp: 191903

Ion Ratio Lower Upper

62 100

98 9.3 6.6 10.0





#29

Cyclohexane

Concen: 45.296 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV034493.D

Acq: 01 Mar 2024 12:22

Instrument :

MSVOA_V

ClientSampleId :

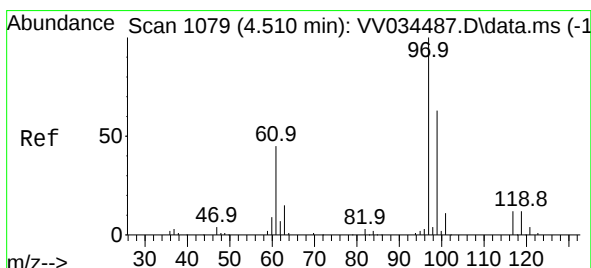
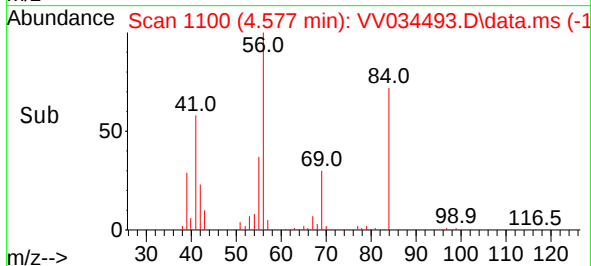
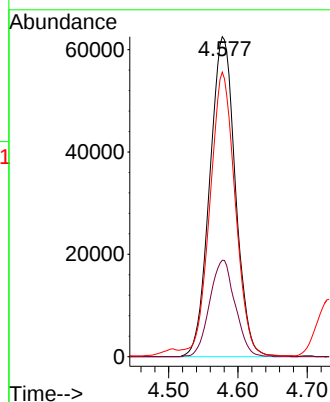
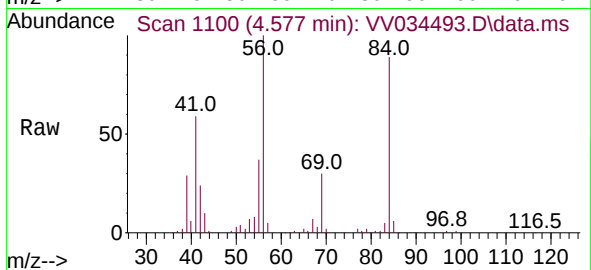
Tgt Ion: 56 Resp: 160593

Ion Ratio Lower Upper

56 100

69 29.9 24.2 36.4

84 87.1 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 47.677 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.003 min

Lab File: VV034493.D

Acq: 01 Mar 2024 12:22

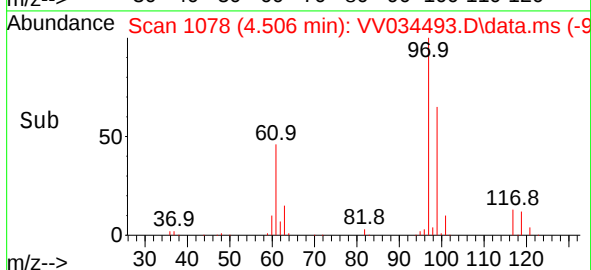
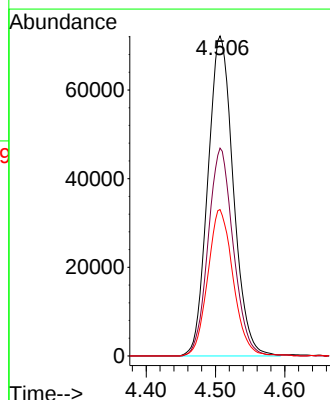
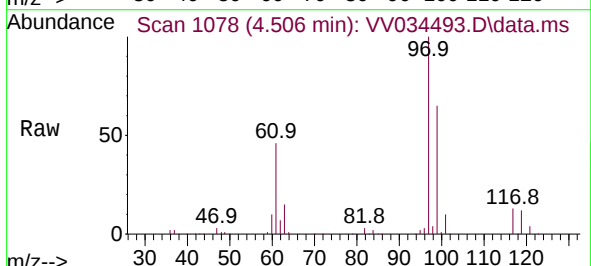
Tgt Ion: 97 Resp: 184282

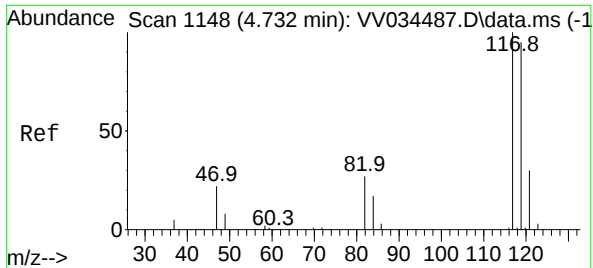
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 45.5 36.0 54.0

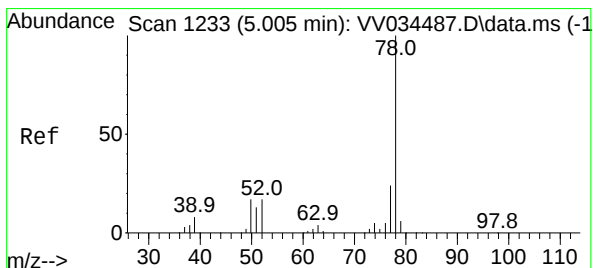
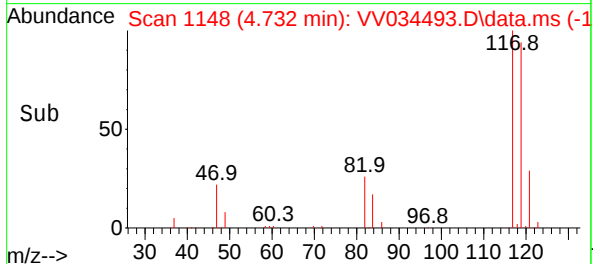
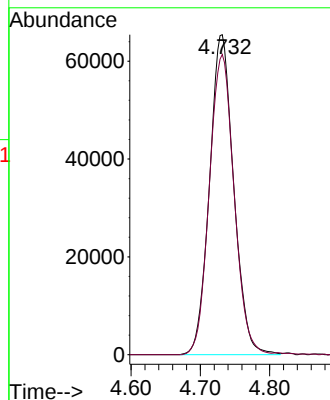
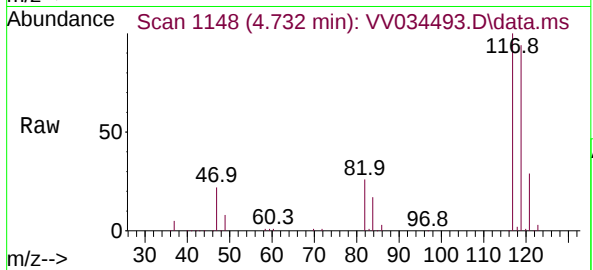




#31
Carbon tetrachloride
Concen: 46.343 ug/L
RT: 4.732 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

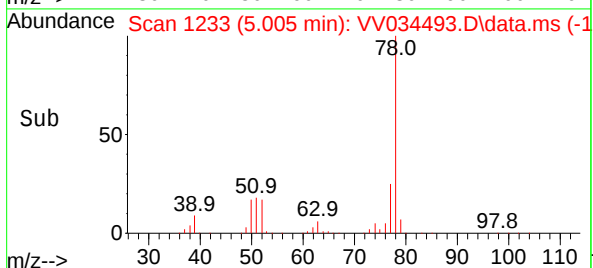
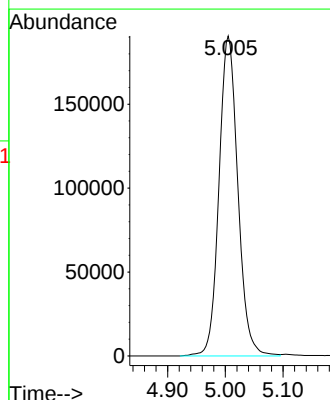
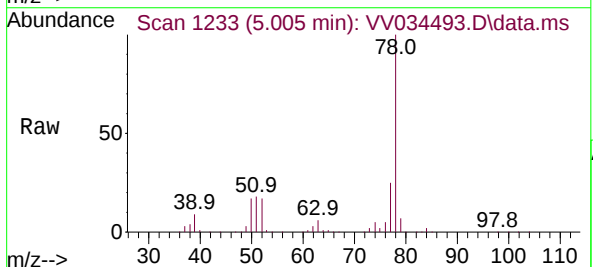
Instrument :
MSVOA_V
ClientSampleId :

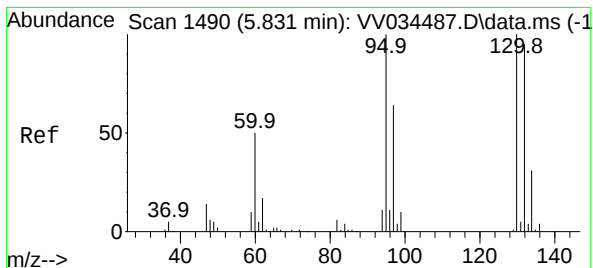
Tgt Ion:117 Resp: 158591
Ion Ratio Lower Upper
117 100
119 96.0 77.5 116.3



#33
Benzene
Concen: 51.587 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

Tgt Ion: 78 Resp: 431612





#34

Trichloroethene

Concen: 48.788 ug/L

RT: 5.828 min Scan# 1490

Delta R.T. -0.003 min

Lab File: VV034493.D

Acq: 01 Mar 2024 12:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 116030

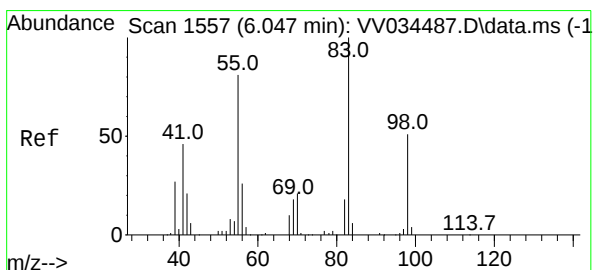
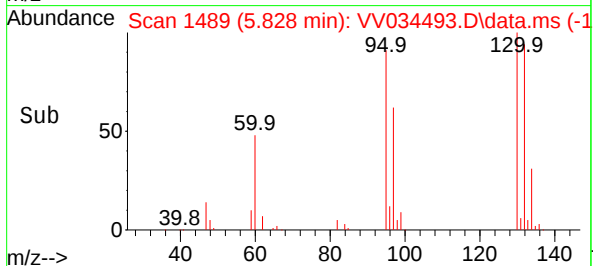
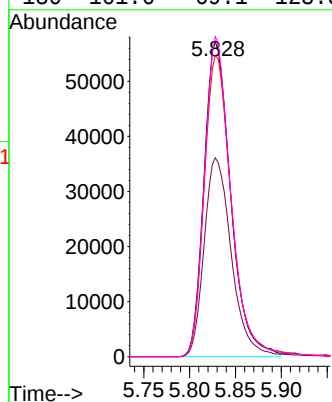
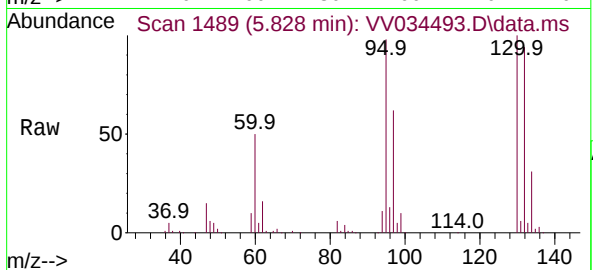
Ion Ratio Lower Upper

95 100

97 63.1 44.7 83.1

132 95.7 65.3 121.3

130 101.6 69.1 128.3



#35

Methylcyclohexane

Concen: 44.118 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV034493.D

Acq: 01 Mar 2024 12:22

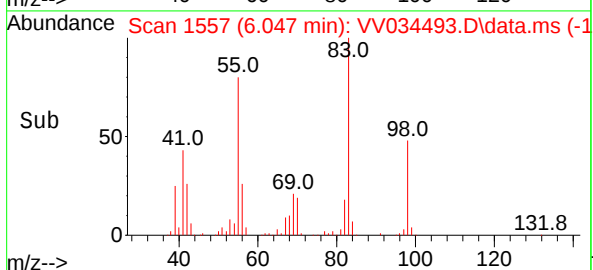
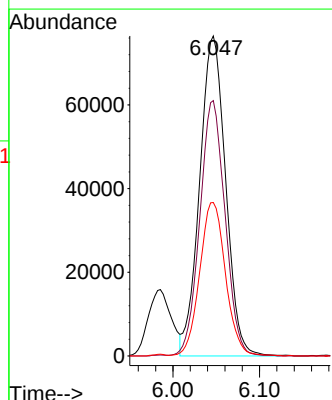
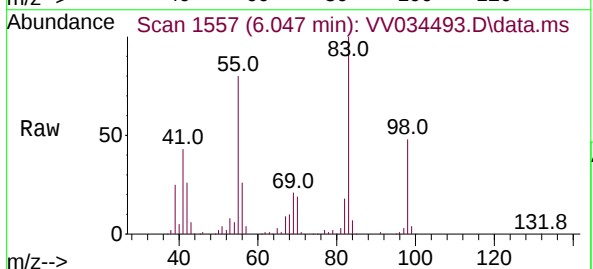
Tgt Ion: 83 Resp: 159511

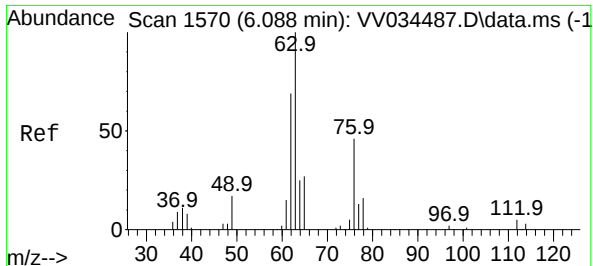
Ion Ratio Lower Upper

83 100

55 77.5 62.6 94.0

98 47.8 39.5 59.3

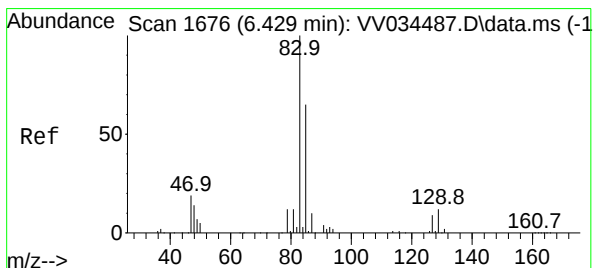
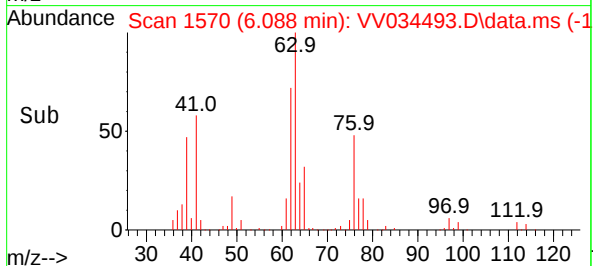
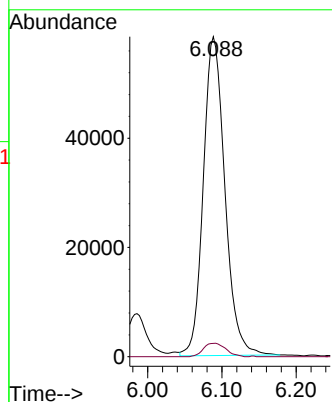
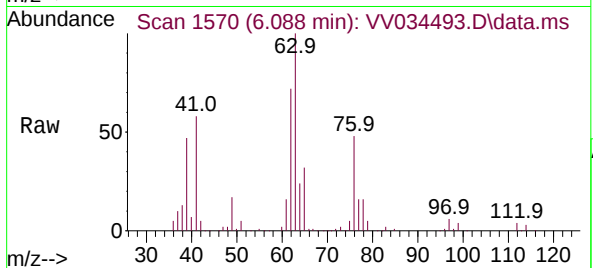




#37
1,2-Dichloropropane
Concen: 53.829 ug/L
RT: 6.088 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

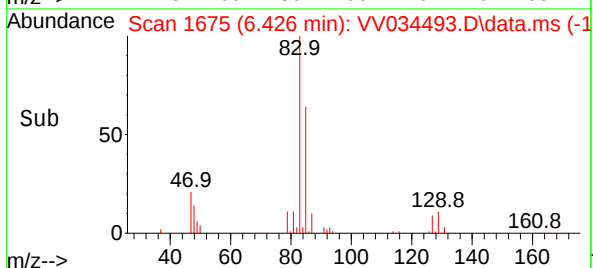
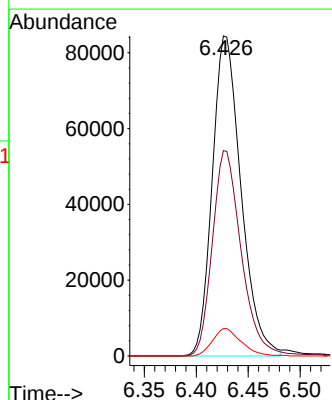
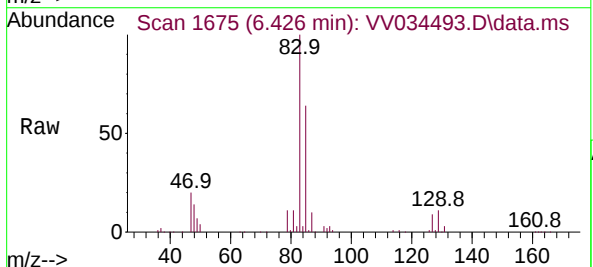
Instrument :
MSVOA_V
ClientSampleId :

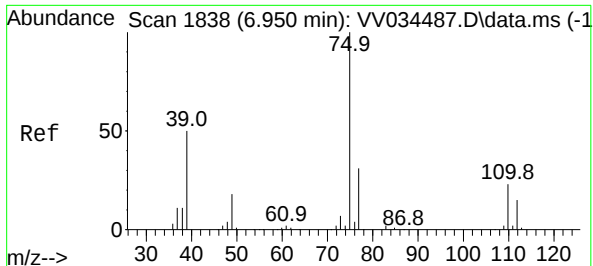
Tgt Ion: 63 Resp: 117911
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3



#38
Bromodichloromethane
Concen: 52.723 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

Tgt Ion: 83 Resp: 162448
Ion Ratio Lower Upper
83 100
85 64.1 44.6 82.8
127 8.5 6.9 10.3

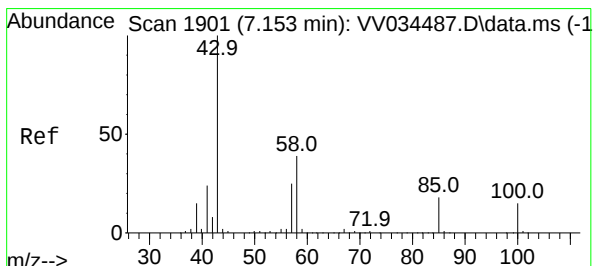
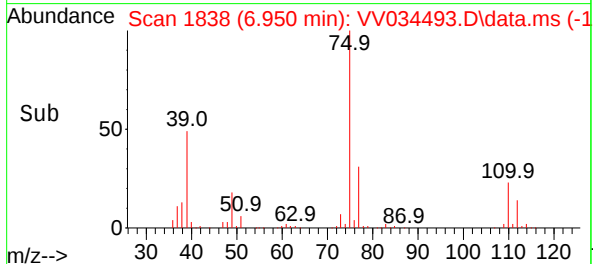
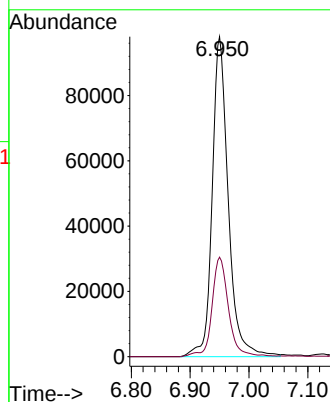
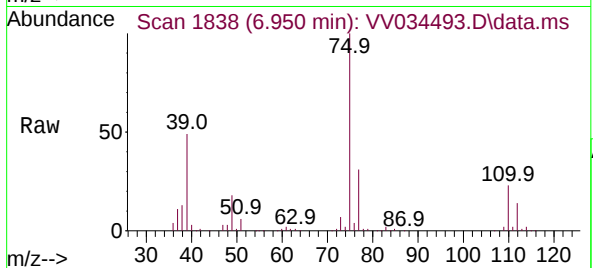




#39
 cis-1,3-Dichloropropene
 Concen: 52.399 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV034493.D
 Acq: 01 Mar 2024 12:22

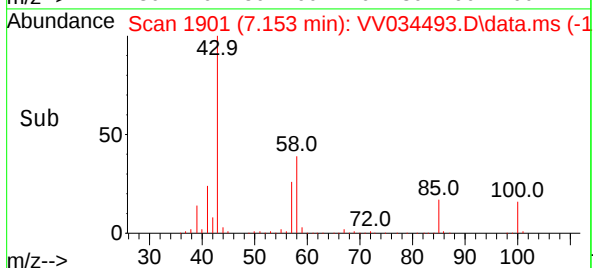
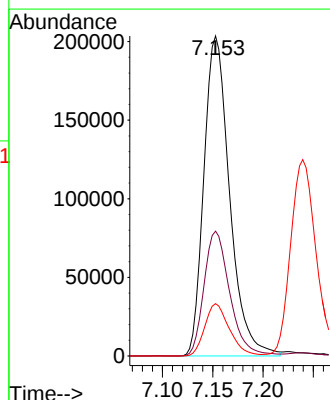
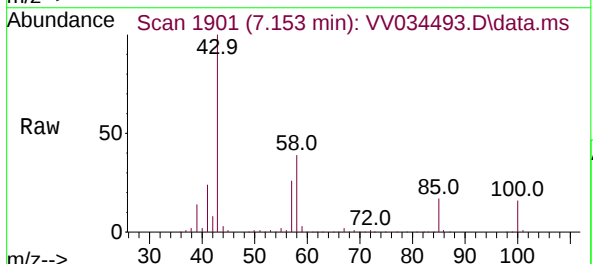
Instrument :
 MSVOA_V
 ClientSampleId :

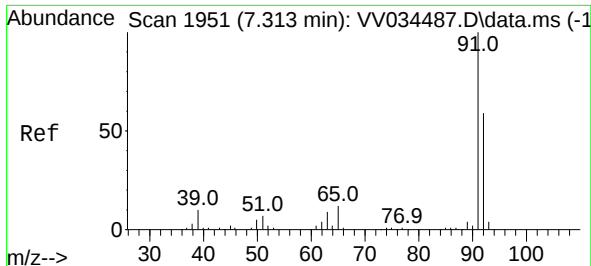
Tgt Ion: 75 Resp: 185964
 Ion Ratio Lower Upper
 75 100
 77 31.1 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 112.283 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VV034493.D
 Acq: 01 Mar 2024 12:22

Tgt Ion: 43 Resp: 362671
 Ion Ratio Lower Upper
 43 100
 58 39.0 30.6 46.0
 100 15.6 12.5 18.7





#42

Toluene

Concen: 49.862 ug/L

RT: 7.310 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV034493.D

Acq: 01 Mar 2024 12:22

Instrument :

MSVOA_V

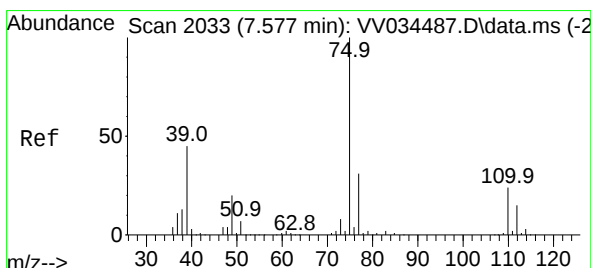
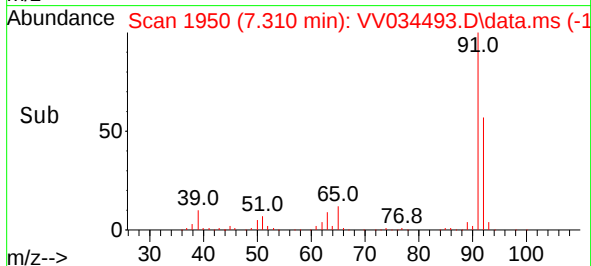
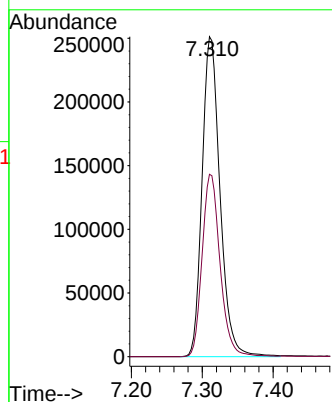
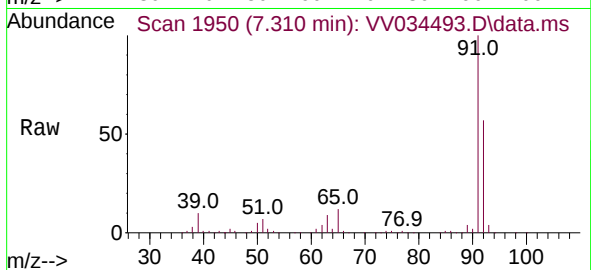
ClientSampleId :

Tgt Ion: 91 Resp: 441524

Ion Ratio Lower Upper

91 100

92 57.0 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 50.474 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV034493.D

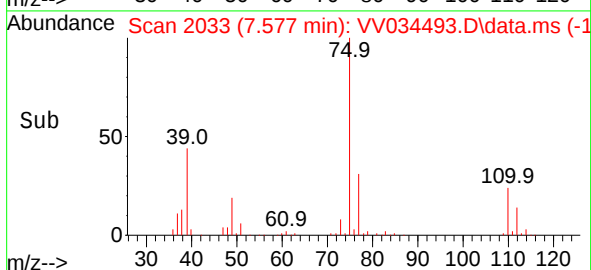
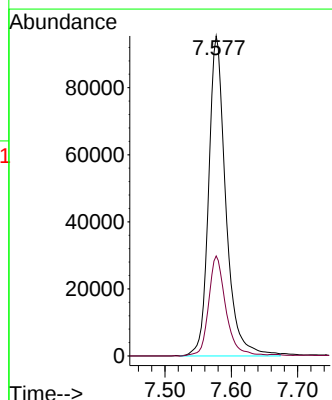
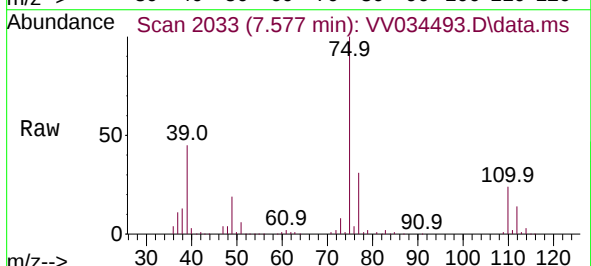
Acq: 01 Mar 2024 12:22

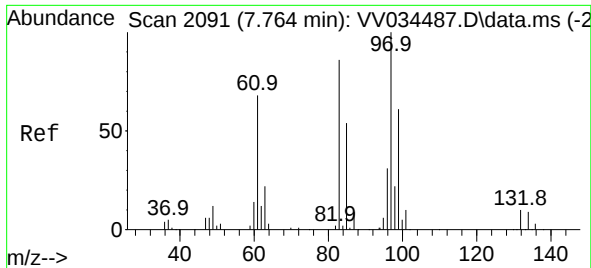
Tgt Ion: 75 Resp: 172282

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.4

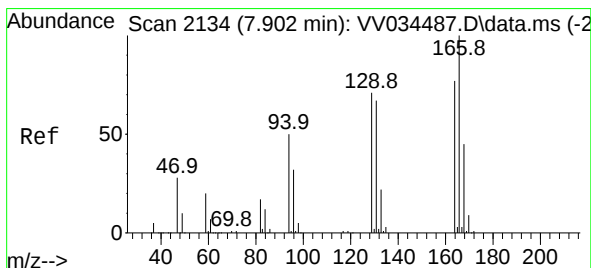
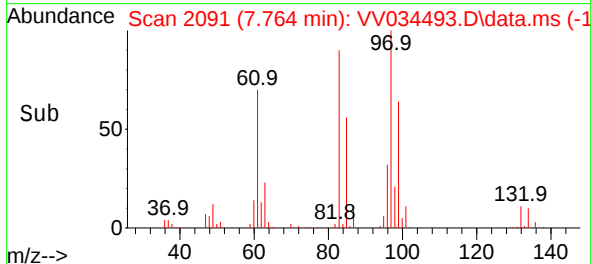
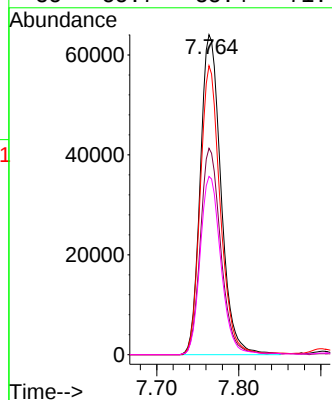
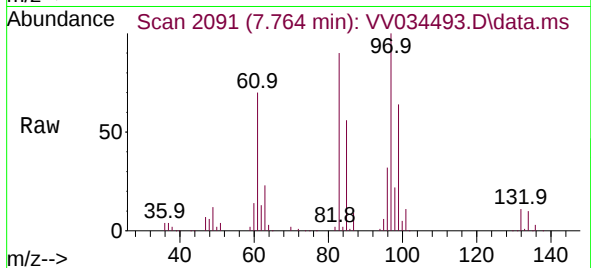




#45
1,1,2-Trichloroethane
Concen: 53.062 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

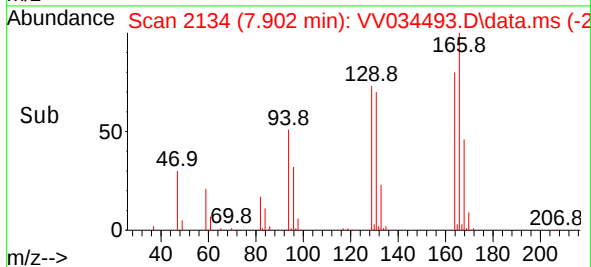
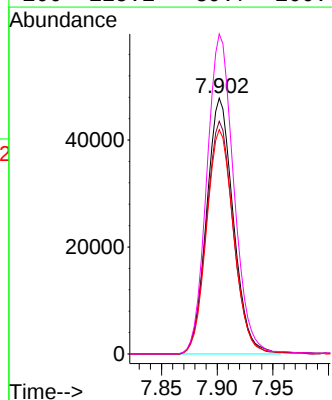
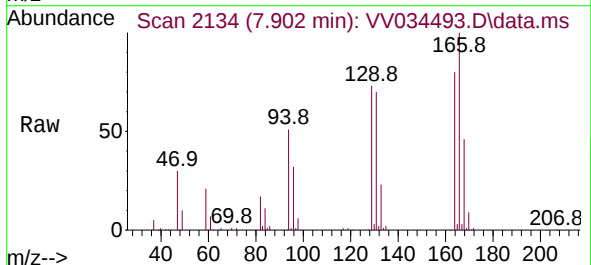
Instrument :
MSVOA_V
ClientSampleId :

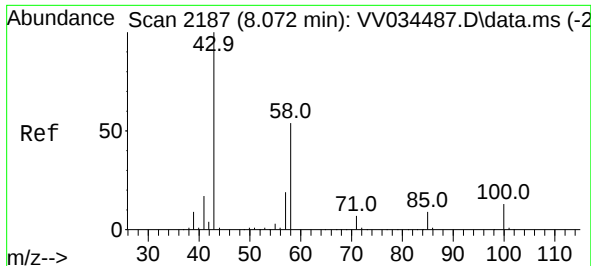
Tgt Ion:	97	Resp:	112146
Ion	Ratio	Lower	Upper
97	100		
99	64.5	43.8	81.4
83	90.3	59.4	110.2
85	55.7	38.4	71.4



#46
Tetrachloroethene
Concen: 45.093 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

Tgt Ion:	164	Resp:	79756
Ion	Ratio	Lower	Upper
164	100		
129	91.0	65.7	121.9
131	87.7	62.2	115.6
166	125.1	89.7	166.7

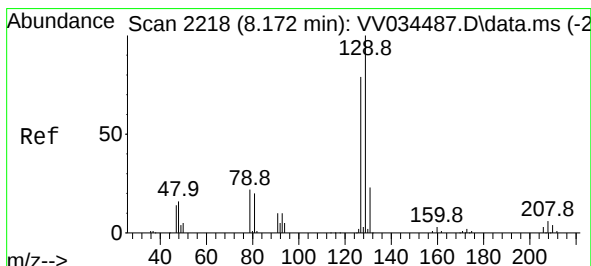
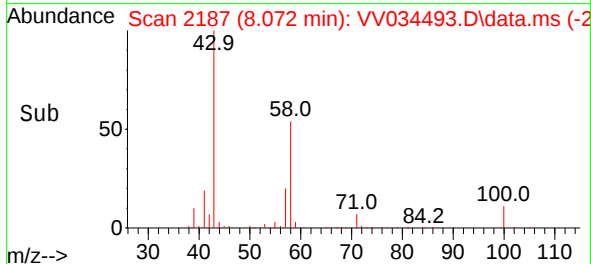
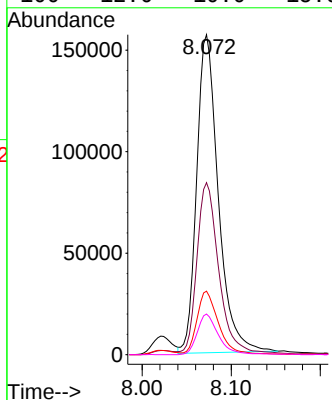
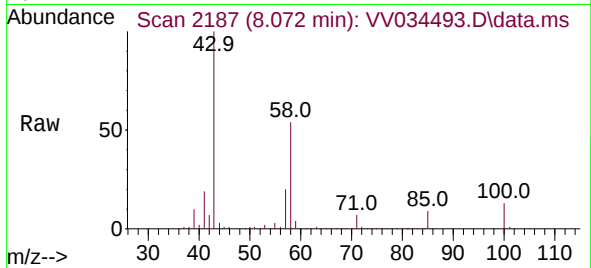




#48
2-Hexanone
Concen: 102.740 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

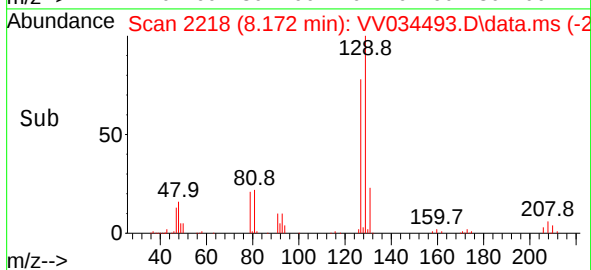
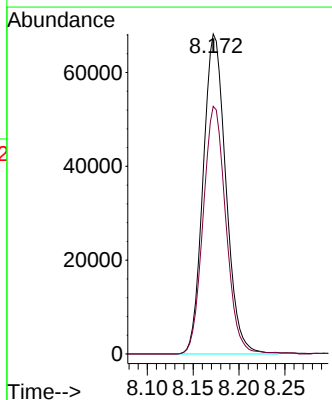
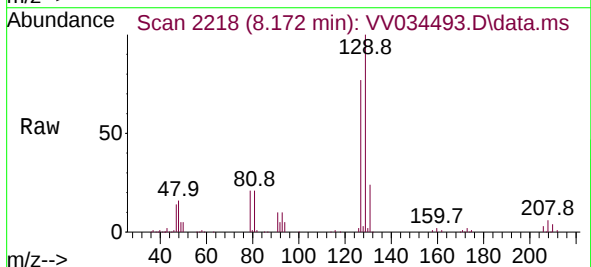
Instrument :
MSVOA_V
ClientSampleId :

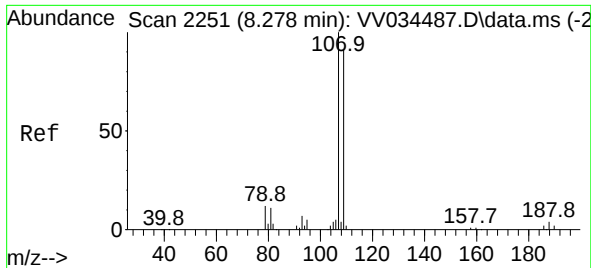
Tgt Ion: 43 Resp: 264430
Ion Ratio Lower Upper
43 100
58 54.7 42.0 63.0
57 19.8 15.2 22.8
100 12.6 10.0 15.0



#49
Dibromochloromethane
Concen: 52.756 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

Tgt Ion:129 Resp: 117663
Ion Ratio Lower Upper
129 100
127 77.4 53.3 98.9

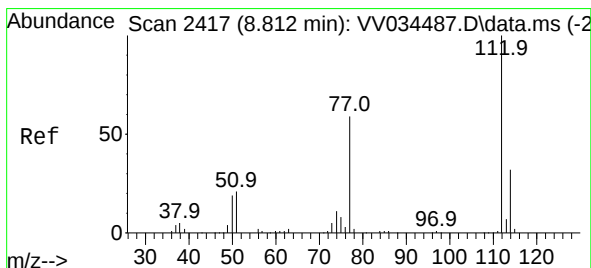
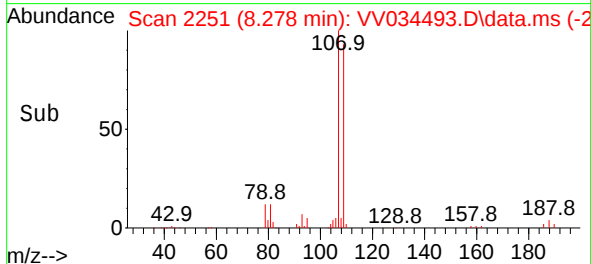
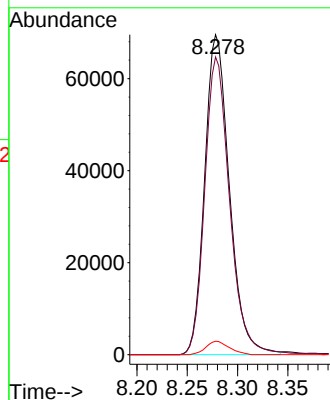
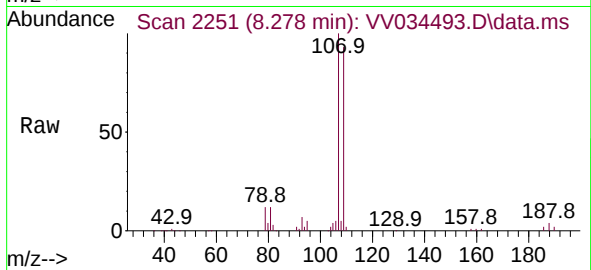




#50
1,2-Dibromoethane
Concen: 53.161 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

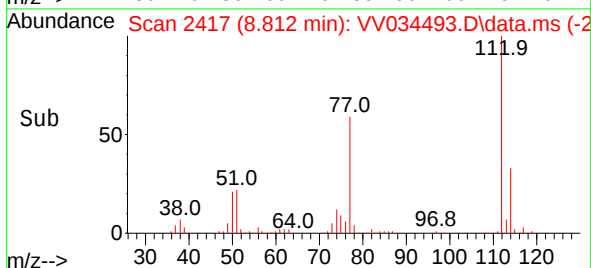
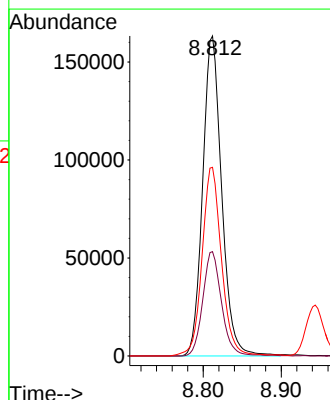
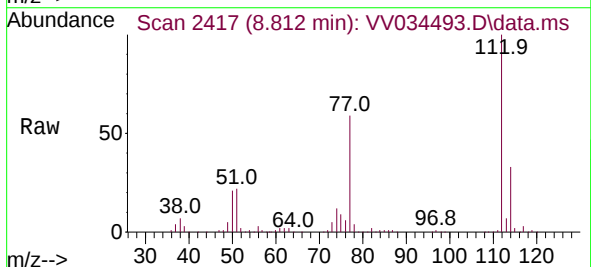
Instrument :
MSVOA_V
ClientSampleId :

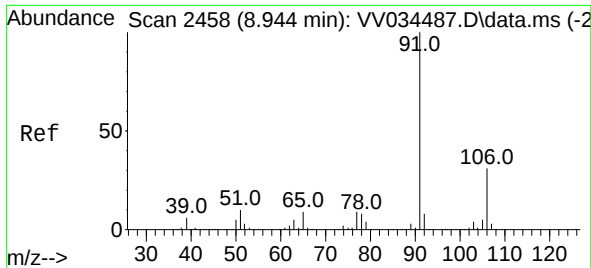
Tgt Ion:107 Resp: 119226
Ion Ratio Lower Upper
107 100
109 93.0 66.5 123.5
188 4.2 3.4 5.2



#51
Chlorobenzene
Concen: 48.353 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

Tgt Ion:112 Resp: 276793
Ion Ratio Lower Upper
112 100
114 32.6 22.3 41.5
77 59.0 47.7 71.5

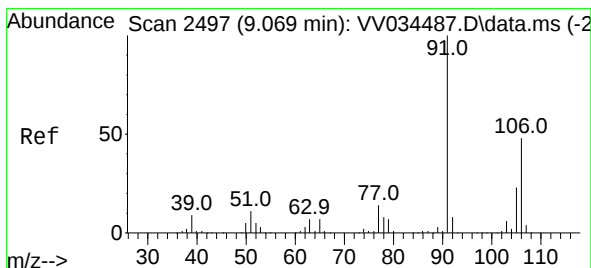
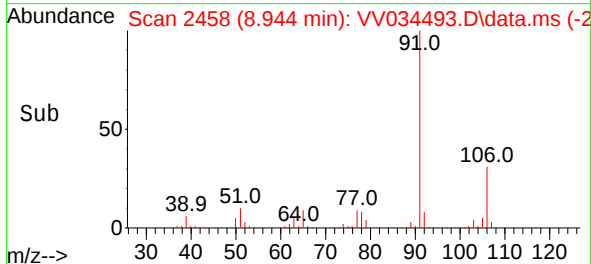
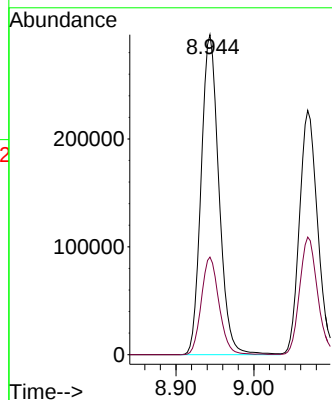
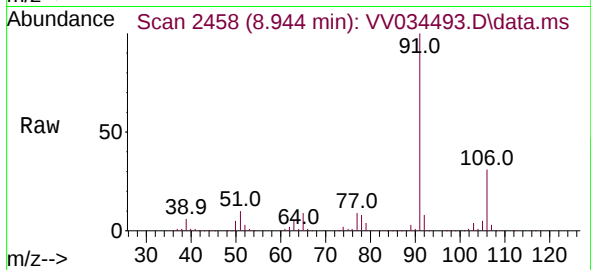




#52
Ethylbenzene
Concen: 47.338 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

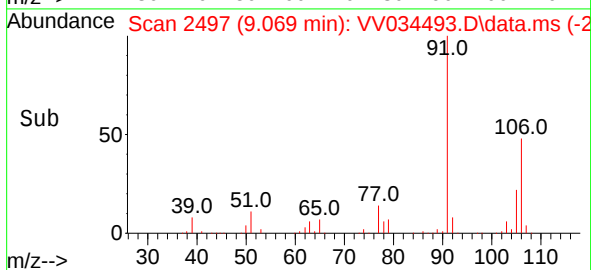
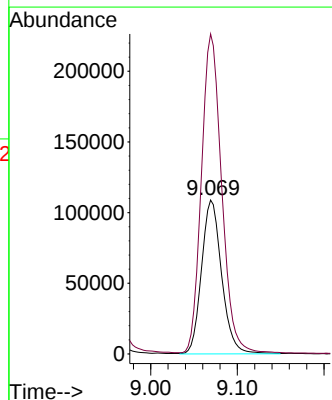
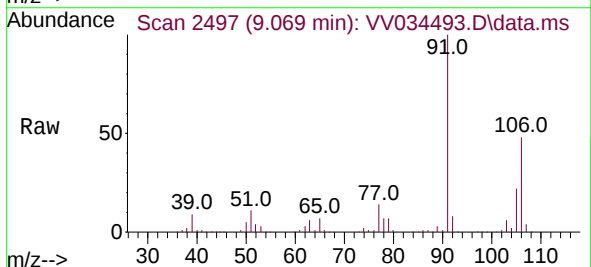
Instrument :
MSVOA_V
ClientSampleId :

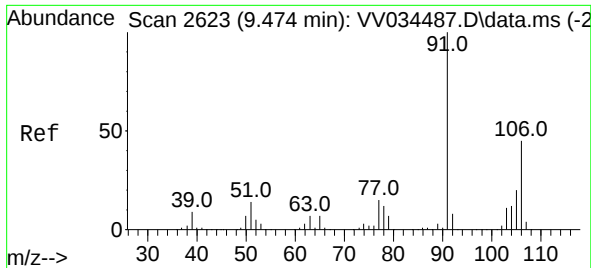
Tgt Ion: 91 Resp: 469679
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 46.654 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

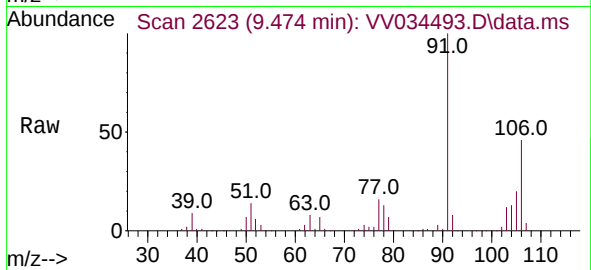
Tgt Ion: 106 Resp: 175656
Ion Ratio Lower Upper
106 100
91 207.8 145.3 269.9



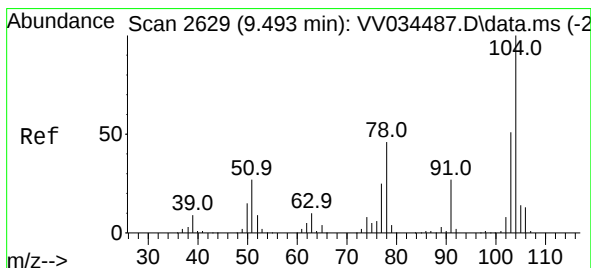
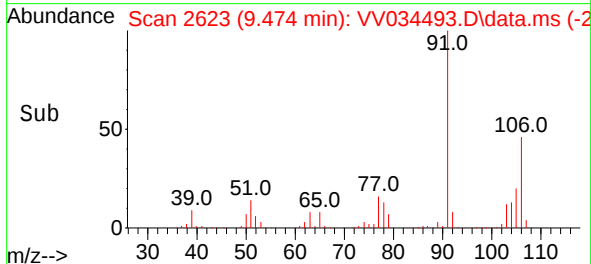
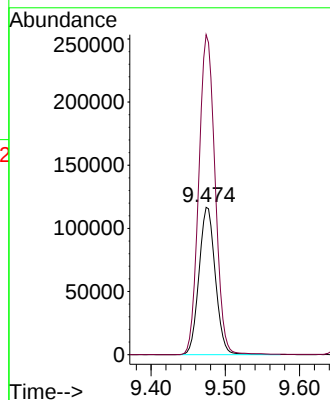


#54
o-Xylene
Concen: 48.341 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

Instrument :
MSVOA_V
ClientSampleId :

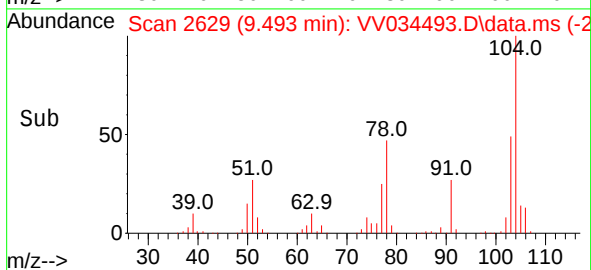
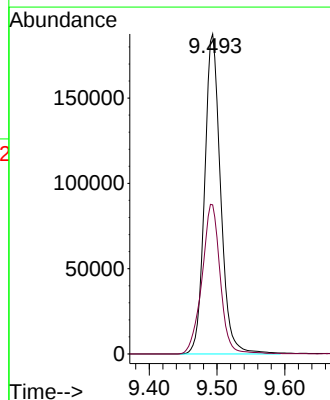
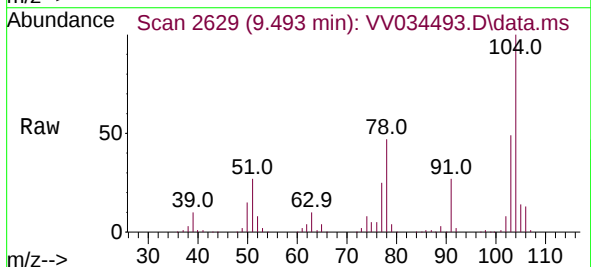


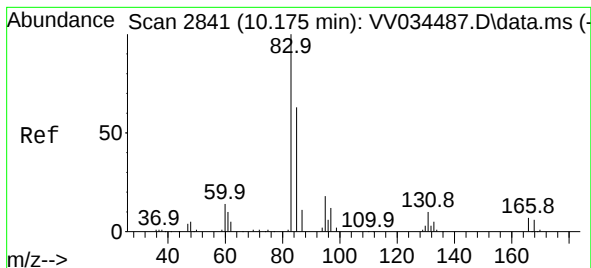
Tgt Ion:106 Resp: 178224
Ion Ratio Lower Upper
106 100
91 217.1 152.2 282.7



#55
Styrene
Concen: 49.206 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

Tgt Ion:104 Resp: 307158
Ion Ratio Lower Upper
104 100
78 46.6 33.0 61.4

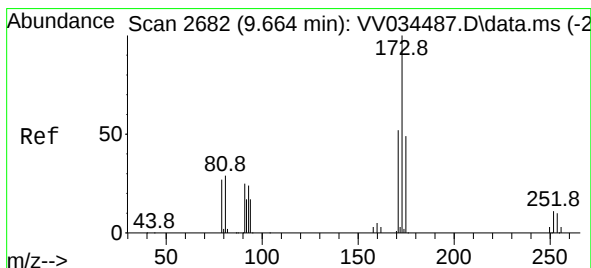
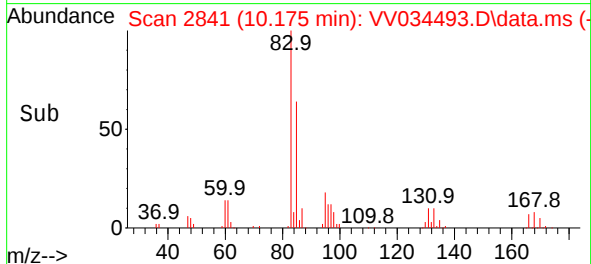
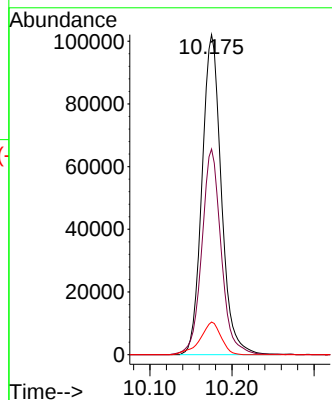
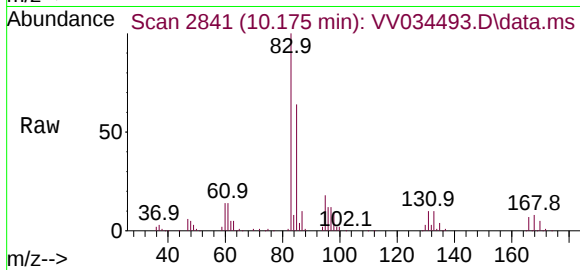




#57
1,1,2,2-Tetrachloroethane
Concen: 52.551 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

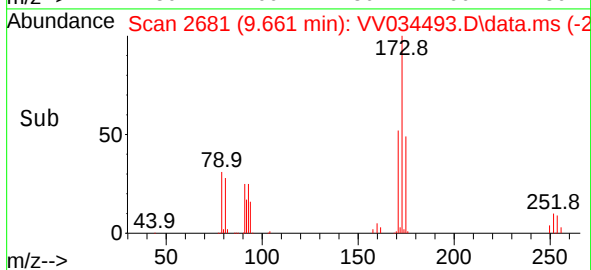
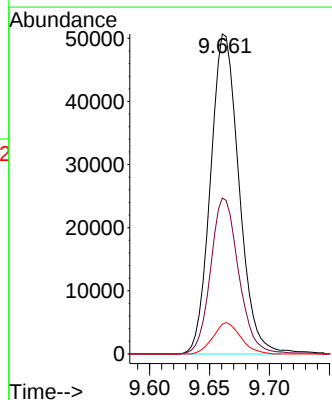
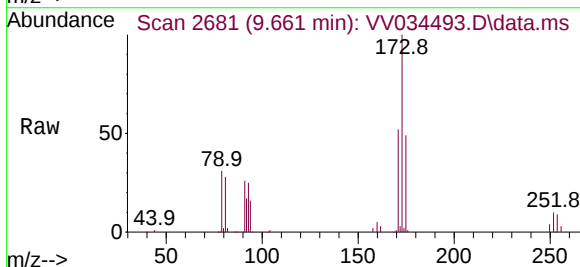
Instrument :
MSVOA_V
ClientSampleId :

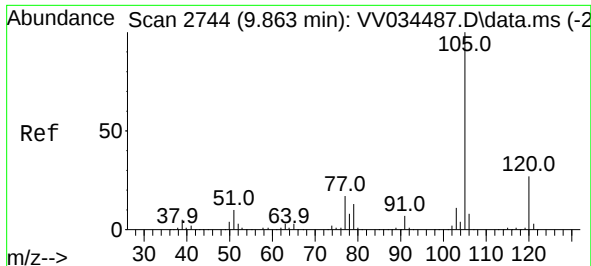
Tgt Ion: 83 Resp: 166819
Ion Ratio Lower Upper
83 100
85 64.3 45.4 84.2
131 10.2 8.3 12.5



#59
Bromoform
Concen: 54.688 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.003 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

Tgt Ion:173 Resp: 83547
Ion Ratio Lower Upper
173 100
175 48.3 39.1 58.7
254 9.5 7.8 11.8

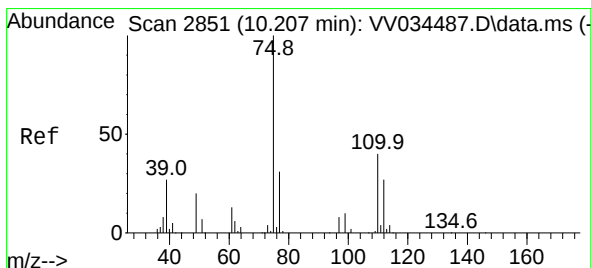
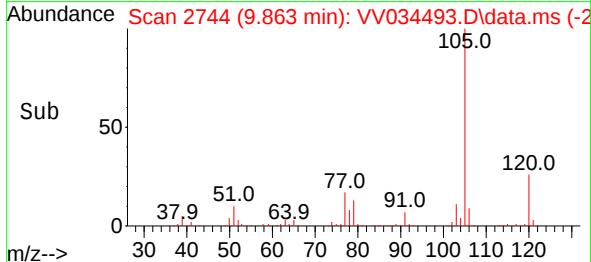
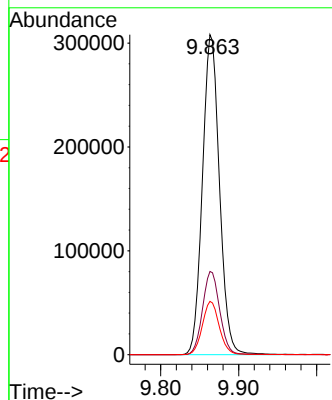
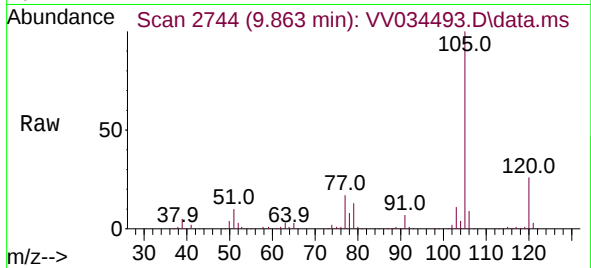




#60
Isopropylbenzene
Concen: 47.965 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

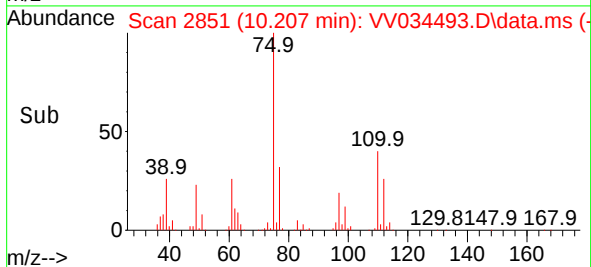
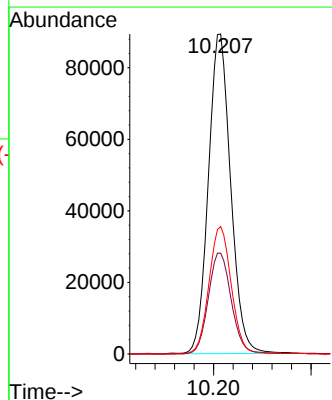
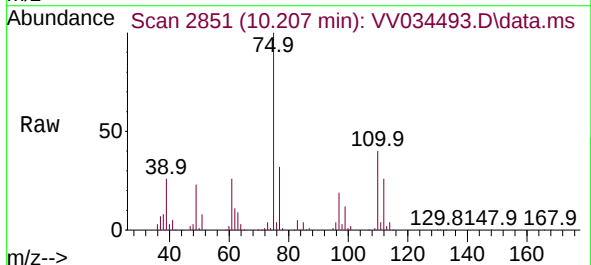
Instrument :
MSVOA_V
ClientSampleId :

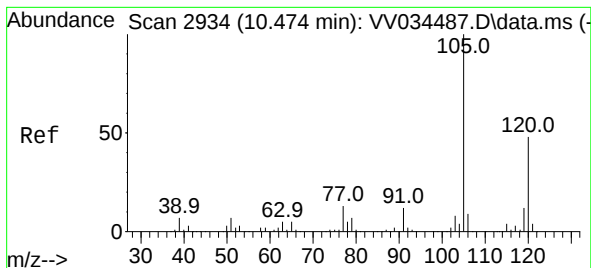
Tgt Ion:105 Resp: 467430
Ion Ratio Lower Upper
105 100
120 26.3 20.8 31.2
77 16.6 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 53.916 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

Tgt Ion: 75 Resp: 141812
Ion Ratio Lower Upper
75 100
77 32.7 25.9 38.9
110 40.0 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 48.316 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034493.D

Acq: 01 Mar 2024 12:22

Instrument :

MSVOA_V

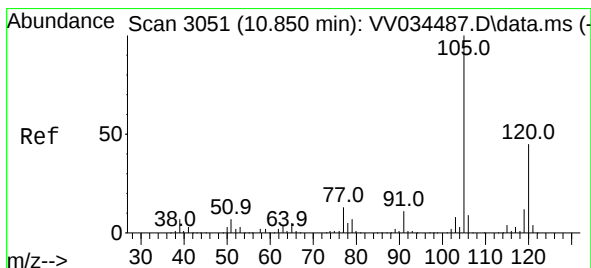
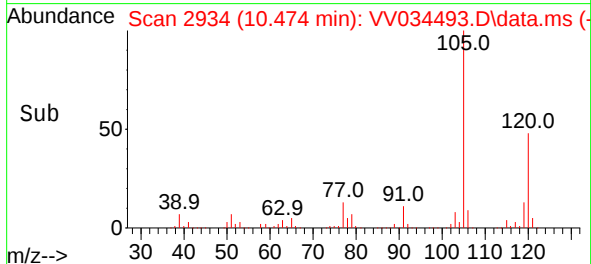
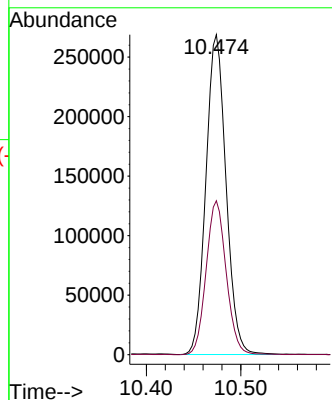
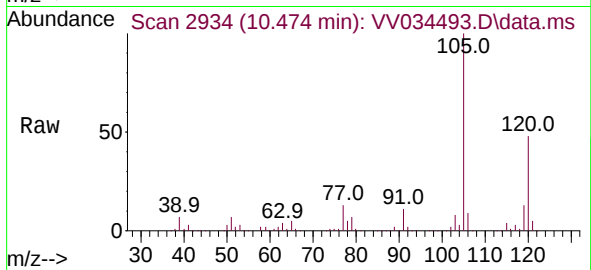
ClientSampleId :

Tgt Ion:105 Resp: 397190

Ion Ratio Lower Upper

105 100

120 48.0 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 48.875 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034493.D

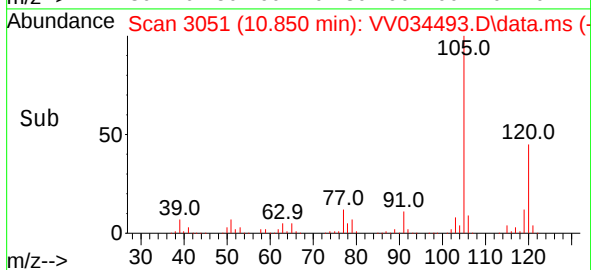
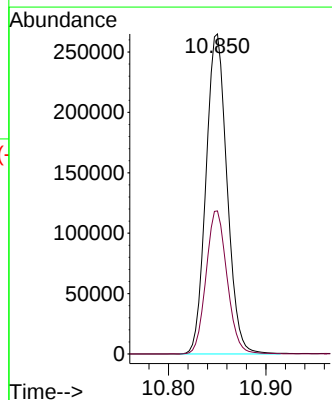
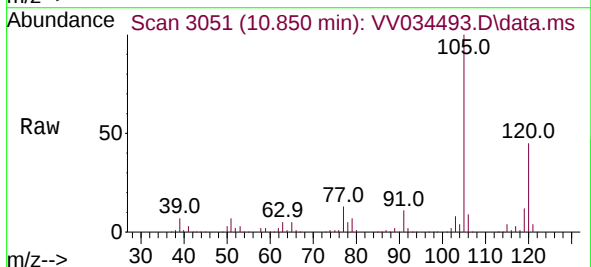
Acq: 01 Mar 2024 12:22

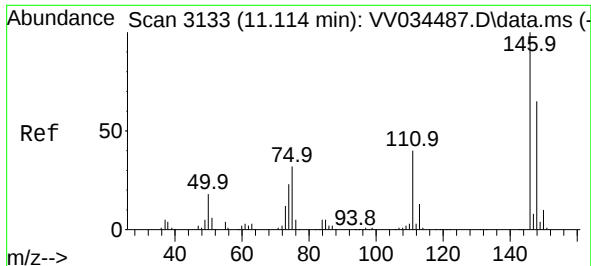
Tgt Ion:105 Resp: 397379

Ion Ratio Lower Upper

105 100

120 44.7 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 48.085 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV034493.D

Acq: 01 Mar 2024 12:22

Instrument :

MSVOA_V

ClientSampleId :

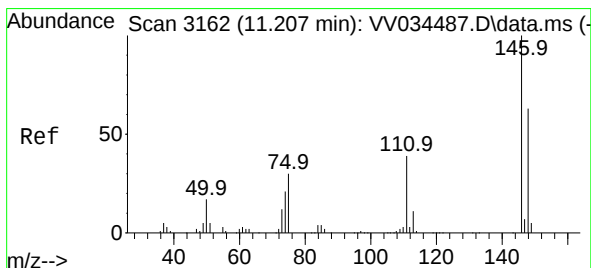
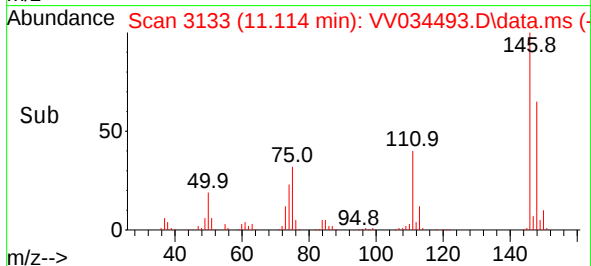
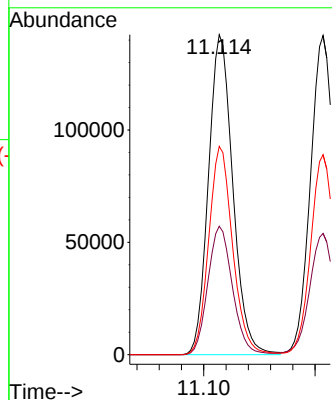
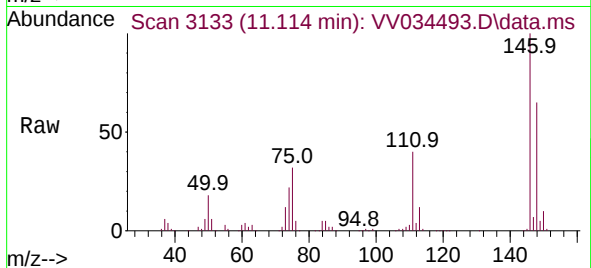
Tgt Ion:146 Resp: 216662

Ion Ratio Lower Upper

146 100

111 40.2 27.9 51.7

148 65.1 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 48.492 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034493.D

Acq: 01 Mar 2024 12:22

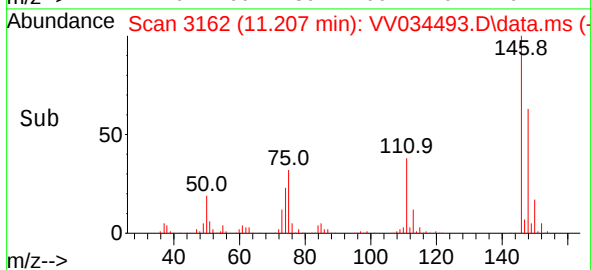
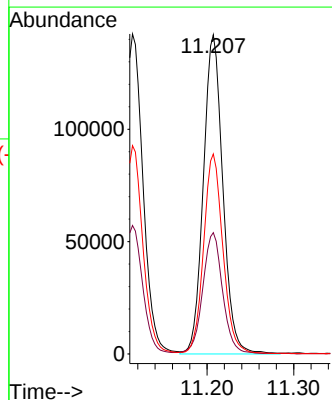
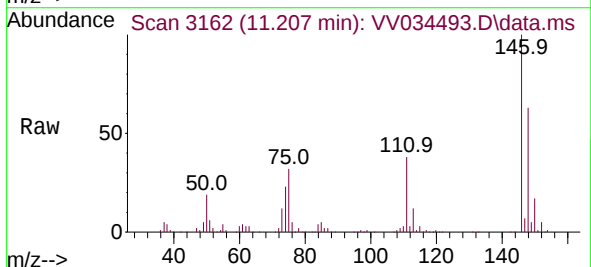
Tgt Ion:146 Resp: 221884

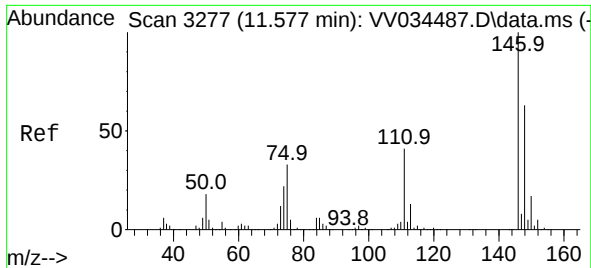
Ion Ratio Lower Upper

146 100

111 38.0 26.5 49.1

148 62.7 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 49.592 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV034493.D

Acq: 01 Mar 2024 12:22

Instrument :

MSVOA_V

ClientSampleId :

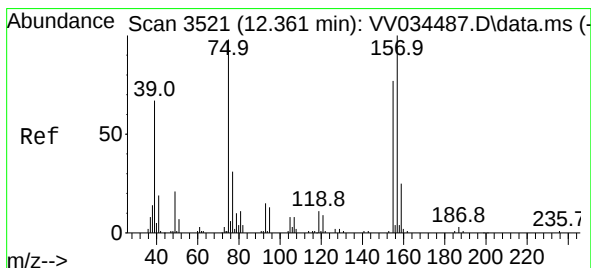
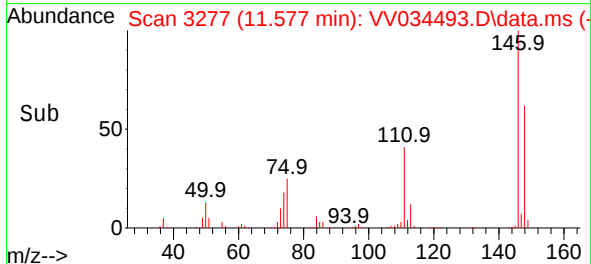
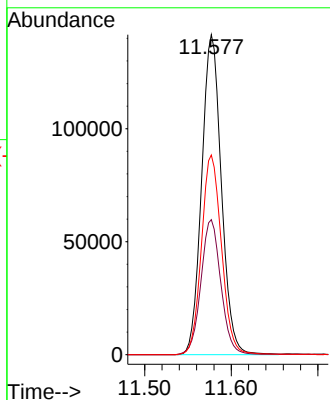
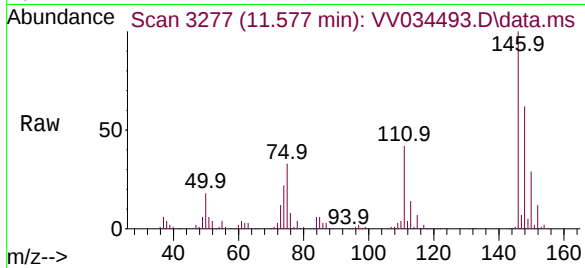
Tgt Ion:146 Resp: 223910

Ion Ratio Lower Upper

146 100

111 42.2 33.8 50.8

148 62.4 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 53.103 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV034493.D

Acq: 01 Mar 2024 12:22

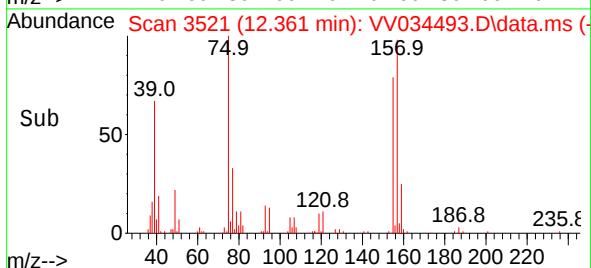
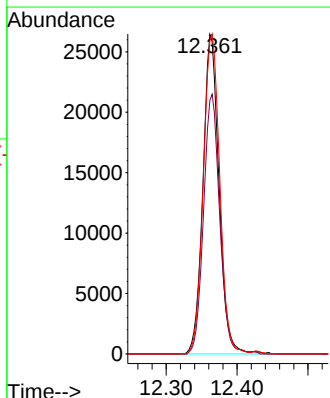
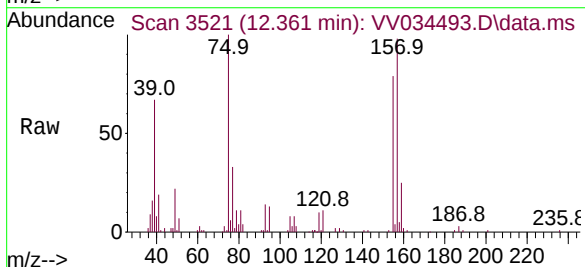
Tgt Ion: 75 Resp: 41607

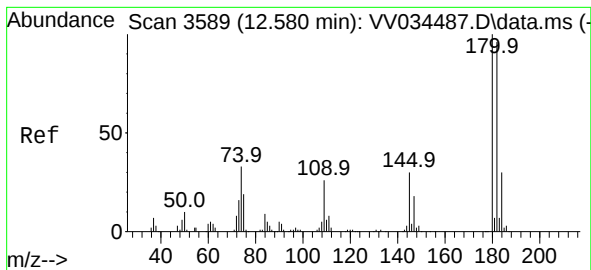
Ion Ratio Lower Upper

75 100

155 79.3 63.3 94.9

157 98.0 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 46.189 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

Lab File: VV034493.D

Acq: 01 Mar 2024 12:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 156129

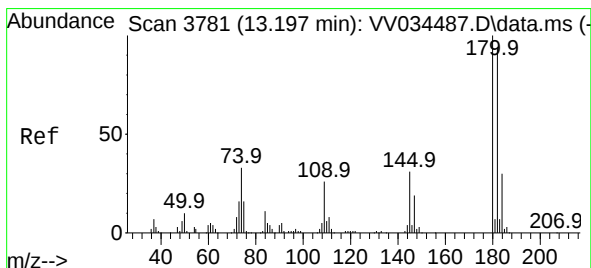
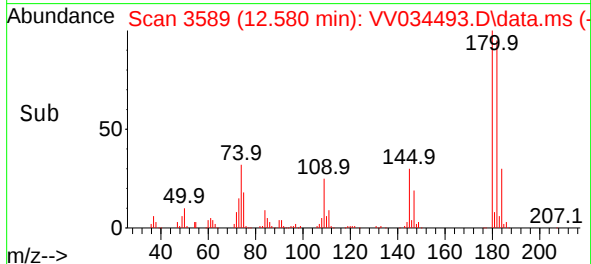
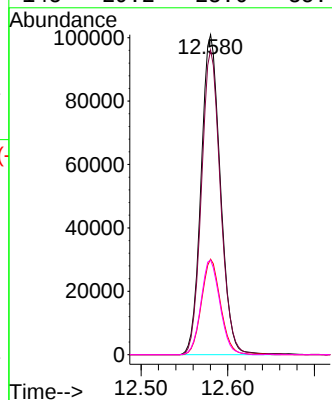
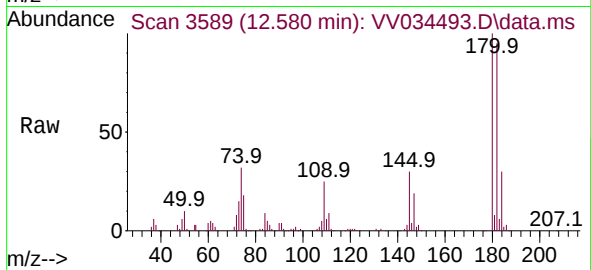
Ion Ratio Lower Upper

180 100

182 93.8 74.6 112.0

184 29.5 23.6 35.4

145 29.2 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 47.579 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034493.D

Acq: 01 Mar 2024 12:22

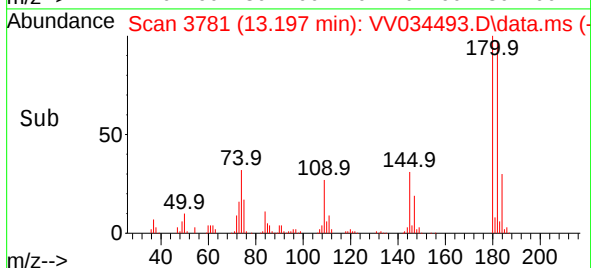
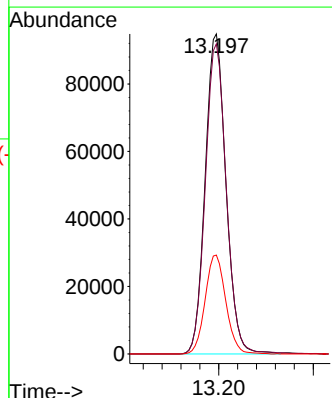
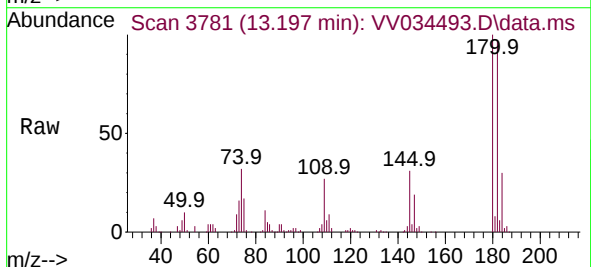
Tgt Ion:180 Resp: 144714

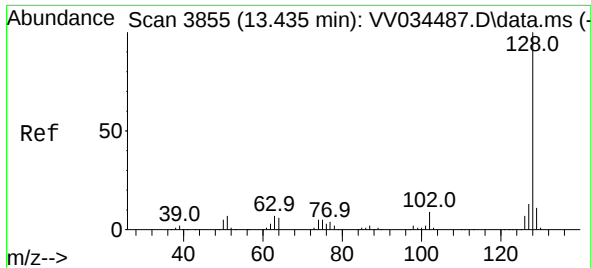
Ion Ratio Lower Upper

180 100

182 97.8 74.8 112.2

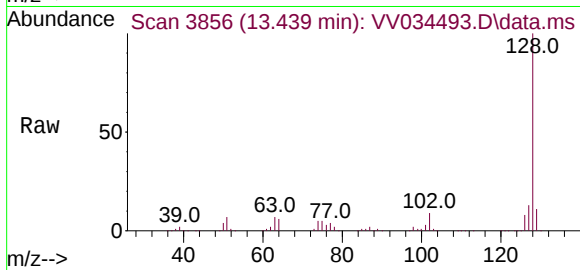
145 30.7 24.2 36.4



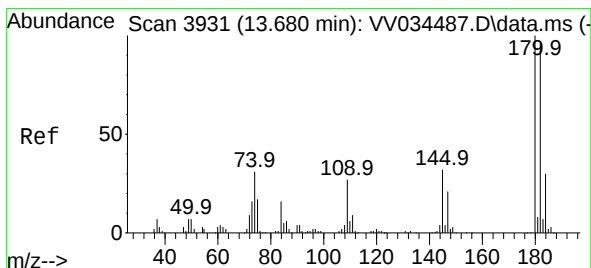
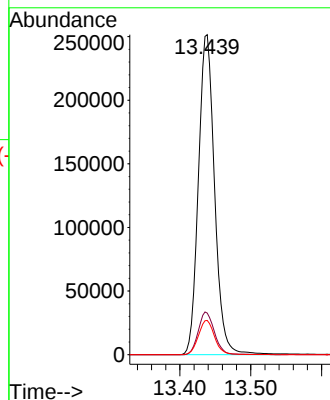
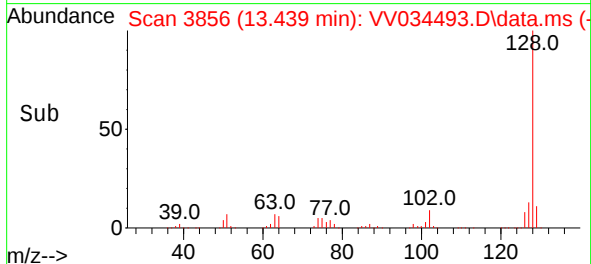


#71
Naphthalene
Concen: 49.105 ug/L
RT: 13.439 min Scan# 3855
Delta R.T. 0.003 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 399518
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 48.706 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV034493.D
Acq: 01 Mar 2024 12:22

Tgt Ion:180 Resp: 144519
Ion Ratio Lower Upper
180 100
182 96.4 75.9 113.9
145 32.6 25.5 38.3

