

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071123\
 Data File : VW031671.D
 Acq On : 11 Jul 2023 10:56
 Operator : SY/MD
 Sample : VSTD01040
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010240

Quant Time: Jul 12 07:25:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 12 07:24:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	263438	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	287726	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	169397	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	19021	10.253	ug/L	0.00
7) Chloroethane-d5	1.535	69	15769	9.868	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	7929	8.435	ug/L	0.00
21) 2-Butanone-d5	3.809	46	24846	17.435	ug/L	0.01
24) Chloroform-d	4.256	84	48062	10.725	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	27475	9.933	ug/L	0.00
32) Benzene-d6	4.969	84	78671	9.633	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	27629	9.623	ug/L	0.00
41) Toluene-d8	7.249	98	69397	9.220	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	11927	8.607	ug/L	0.00
47) 2-Hexanone-d5	8.037	63	14282	12.925	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	42206	9.793	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	30747	9.602	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	23640	8.183	ug/L	98
3) Chloromethane	1.217	50	21830	7.981	ug/L	97
5) Vinyl chloride	1.285	62	23883	8.845	ug/L	99
6) Bromomethane	1.490	94	16535	9.540	ug/L	85
8) Chloroethane	1.552	64	14426	8.332	ug/L	97
9) Trichlorofluoromethane	1.716	101	39889	9.008	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	20982	8.718	ug/L	94
12) 1,1-Dichloroethene	2.076	96	17274	8.570	ug/L	85
13) Acetone	2.124	43	24223	17.205	ug/L	95
14) Carbon disulfide	2.246	76	57920	9.415	ug/L	98
15) Methyl Acetate	2.381	43	18442	7.704	ug/L	99
16) Methylene chloride	2.452	84	22202	8.906	ug/L	92
17) trans-1,2-Dichloroethene	2.699	96	17406	8.401	ug/L	88
18) Methyl tert-butyl Ether	2.709	73	46614	6.881	ug/L	98
19) 1,1-Dichloroethane	3.117	63	35665	8.041	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	20763	9.368	ug/L	92
22) 2-Butanone	3.889	43	28110	15.773	ug/L	98
23) Bromochloromethane	4.159	128	10975	9.023	ug/L	94
25) Chloroform	4.285	83	46933	10.171	ug/L	99
27) 1,2-Dichloroethane	5.050	62	34780	9.834	ug/L	96
29) Cyclohexane	4.587	56	26844	7.198	ug/L #	76
30) 1,1,1-Trichloroethane	4.519	97	42332	9.216	ug/L	98
31) Carbon tetrachloride	4.741	117	39235	9.644	ug/L	99
33) Benzene	5.018	78	83048	8.668	ug/L	100
34) Trichloroethene	5.841	95	24834	9.580	ug/L	91
35) Methylcyclohexane	6.056	83	30127	8.035	ug/L	97
37) 1,2-Dichloropropane	6.101	63	23199	8.296	ug/L	97
38) Bromodichloromethane	6.439	83	34990	9.197	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	31322	7.581	ug/L	100
40) 4-Methyl-2-pentanone	7.165	43	48078	14.660	ug/L	97
42) Toluene	7.323	91	82511	8.283	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	33069	8.194	ug/L	96

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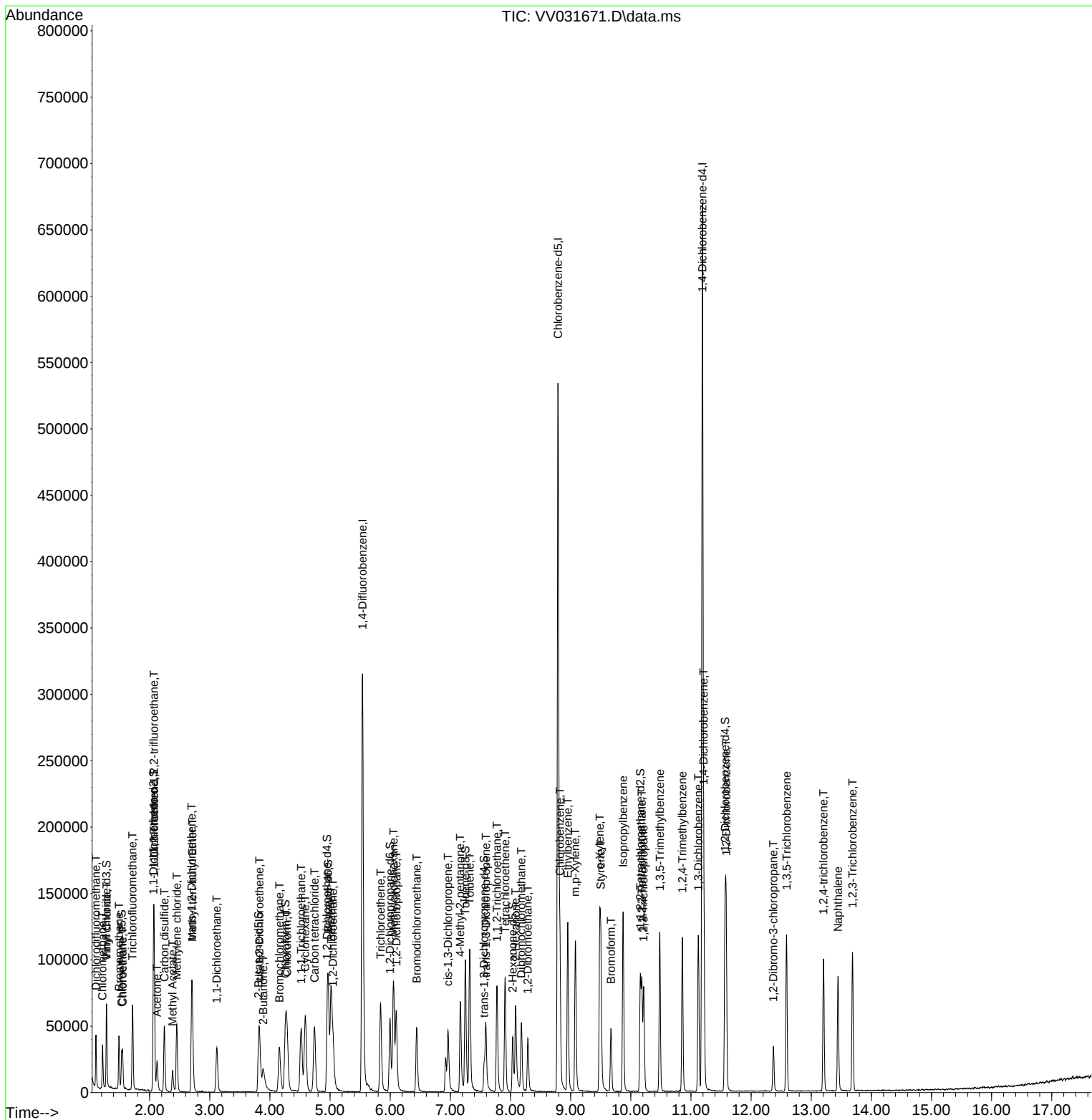
Quant Time: Jul 12 07:25:43 2023
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 Quant Title : VOC Analysis
 QLast Update : Wed Jul 12 07:24:21 2023
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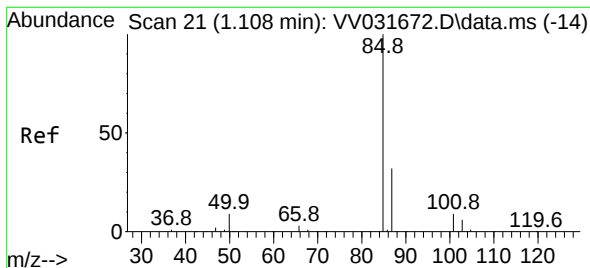
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.773	97	25762	9.662	ug/L	97
46) Tetrachloroethene	7.911	164	20168	9.970	ug/L	92
48) 2-Hexanone	8.085	43	41251	15.518	ug/L	94
49) Dibromochloromethane	8.182	129	27523	9.265	ug/L	100
50) 1,2-Dibromoethane	8.288	107	26528	9.315	ug/L #	92
51) Chlorobenzene	8.821	112	61916	9.404	ug/L	99
52) Ethylbenzene	8.953	91	85906	7.801	ug/L	99
53) m,p-Xylene	9.079	106	31403	7.718	ug/L	93
54) o-Xylene	9.484	106	27743	7.248	ug/L	100
55) Styrene	9.503	104	49624	7.166	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.185	83	41003	9.547	ug/L #	96
59) Bromoform	9.670	173	20024	9.454	ug/L #	93
60) Isopropylbenzene	9.873	105	79141	7.420	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	33364	9.932	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	61538	7.011	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	60123	7.225	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	47642	8.804	ug/L	94
65) 1,4-Dichlorobenzene	11.214	146	55088	9.529	ug/L	100
67) 1,2-Dichlorobenzene	11.587	146	49599	9.057	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	9345	9.279	ug/L	92
69) 1,3,5-Trichlorobenzene	12.590	180	35456	8.602	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	28790	8.002	ug/L	97
71) Naphthalene	13.445	128	65432	7.072	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	29318	7.846	ug/L	98

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

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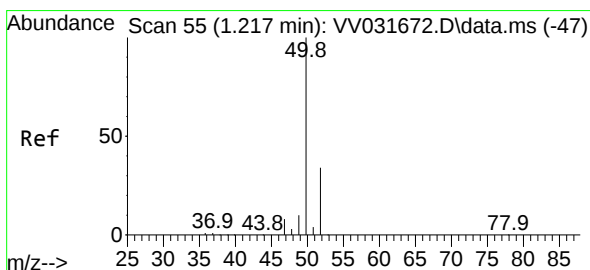
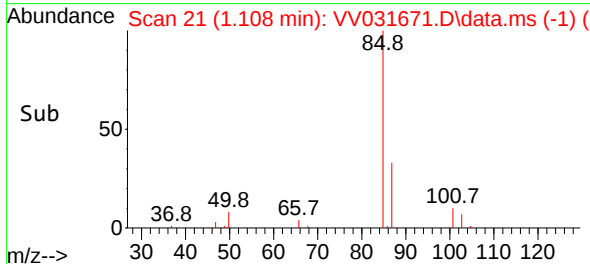
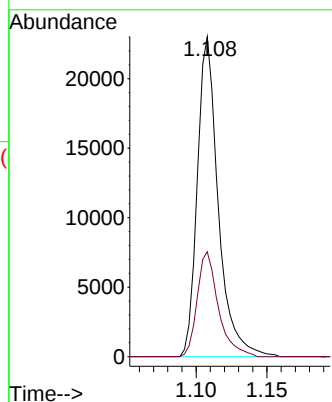
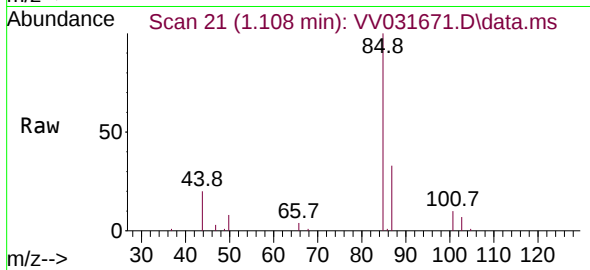




#2
 Dichlorodifluoromethane
 Concen: 8.183 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031671.D
 Acq: 11 Jul 2023 10:56

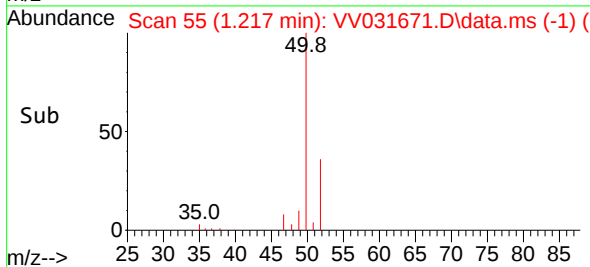
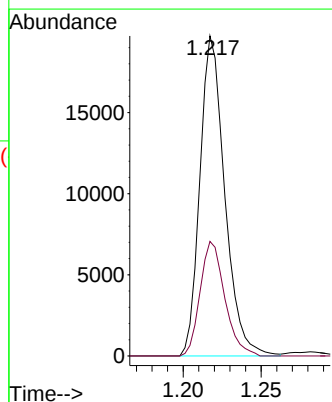
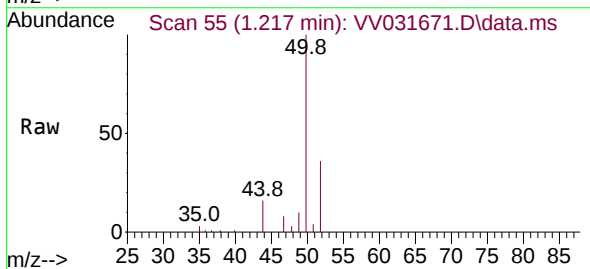
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010240

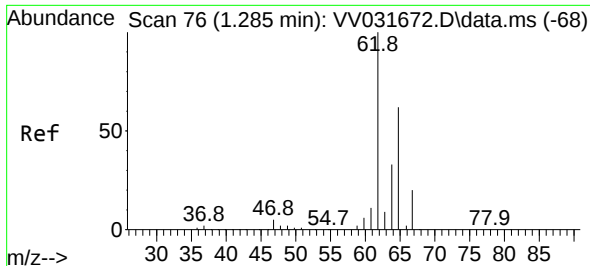
Tgt Ion: 85 Resp: 23640
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.8 38.6



#3
 Chloromethane
 Concen: 7.981 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031671.D
 Acq: 11 Jul 2023 10:56

Tgt Ion: 50 Resp: 21830
 Ion Ratio Lower Upper
 50 100
 52 35.8 23.7 44.1

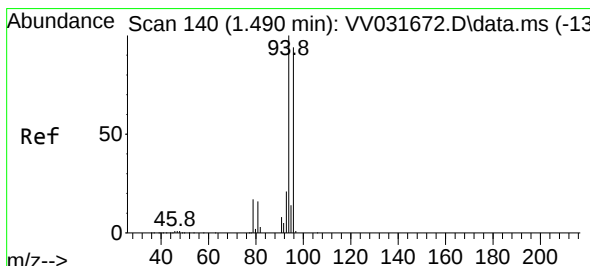
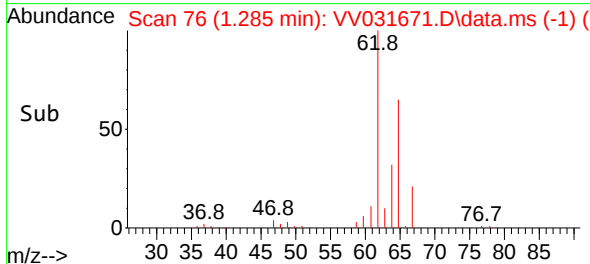
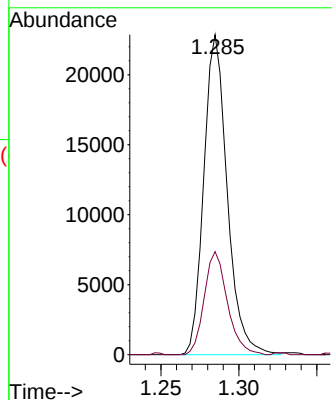
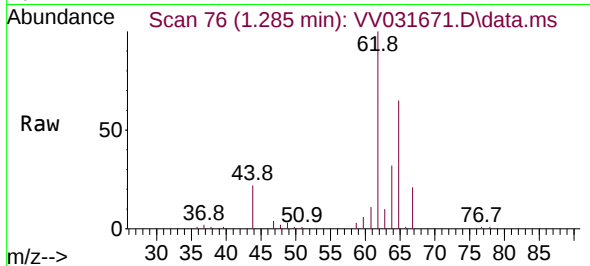




#5
 Vinyl chloride
 Concen: 8.845 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV031671.D
 Acq: 11 Jul 2023 10:56

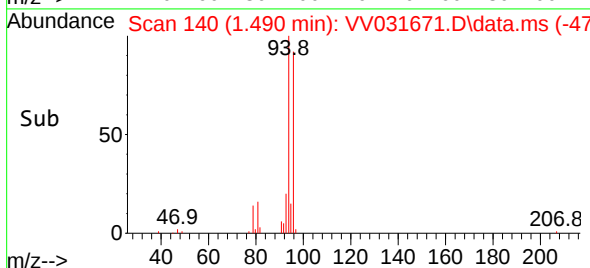
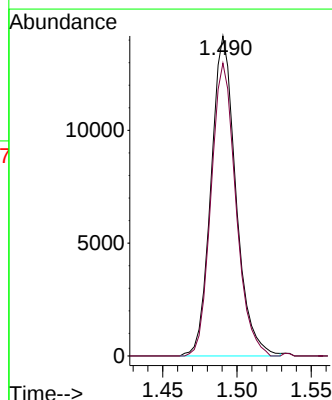
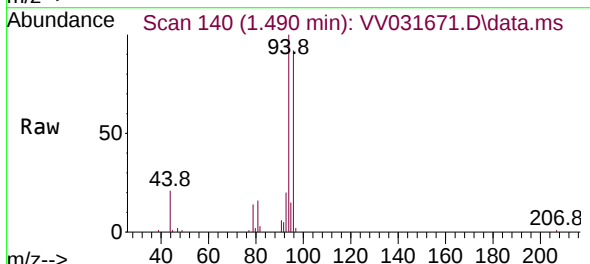
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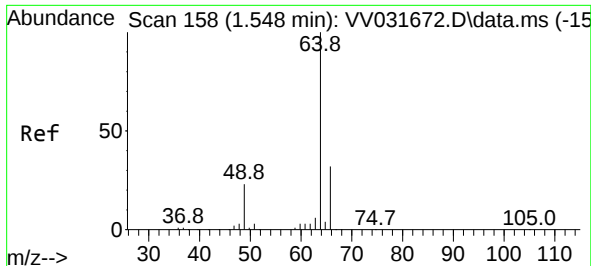
Tgt Ion: 62 Resp: 23883
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.9 42.5



#6
 Bromomethane
 Concen: 9.540 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV031671.D
 Acq: 11 Jul 2023 10:56

Tgt Ion: 94 Resp: 16535
 Ion Ratio Lower Upper
 94 100
 96 79.6 65.7 121.9

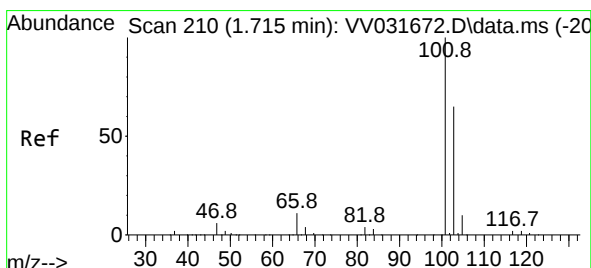
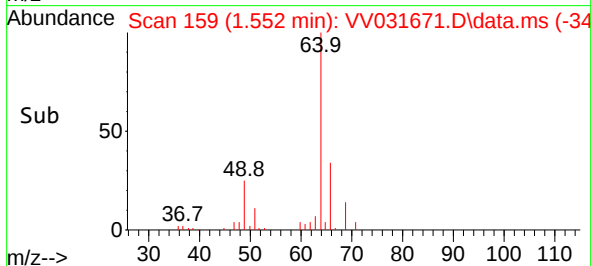
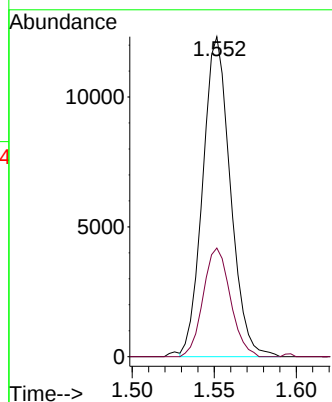
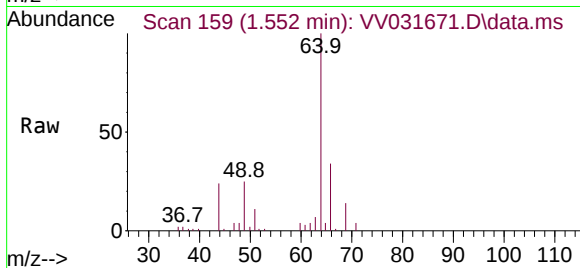




#8
Chloroethane
Concen: 8.332 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

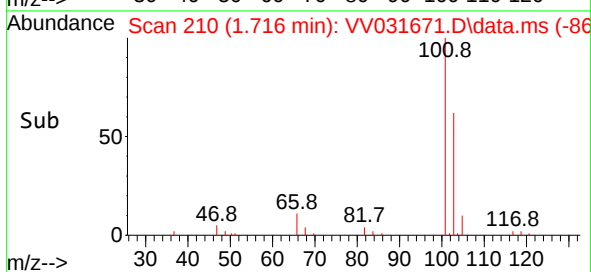
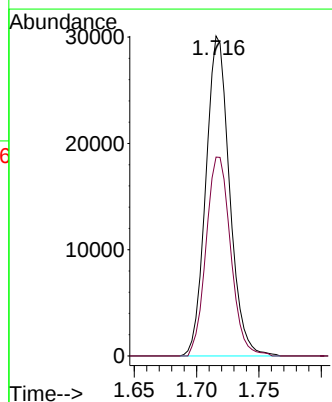
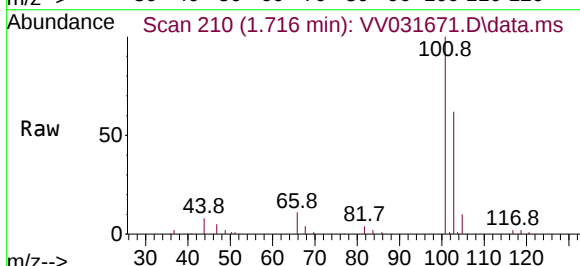
Instrument :
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ClientSampleId :
VSTD010240

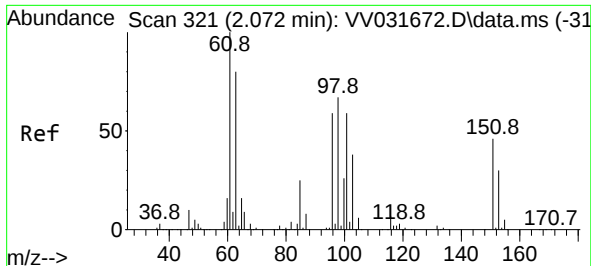
Tgt Ion: 64 Resp: 14426
Ion Ratio Lower Upper
64 100
66 33.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 9.008 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

Tgt Ion:101 Resp: 39889
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5





#10

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

Concen: 8.718 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD010240

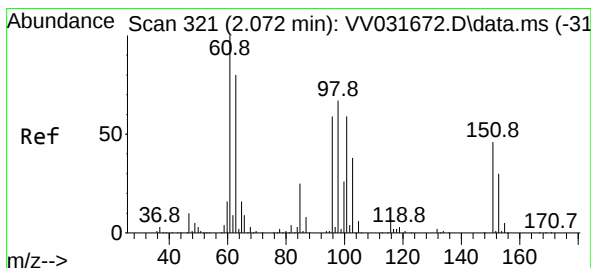
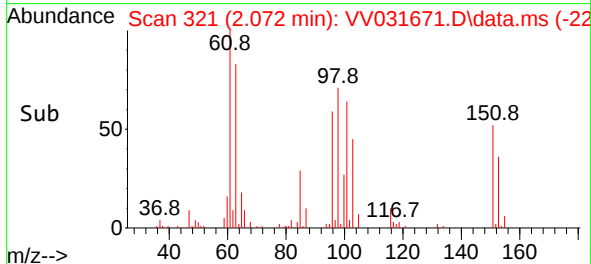
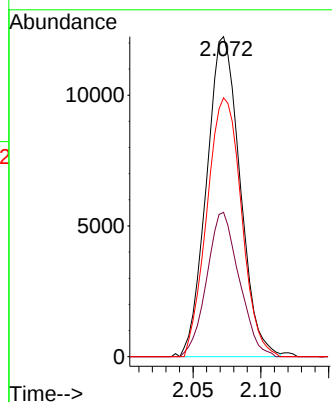
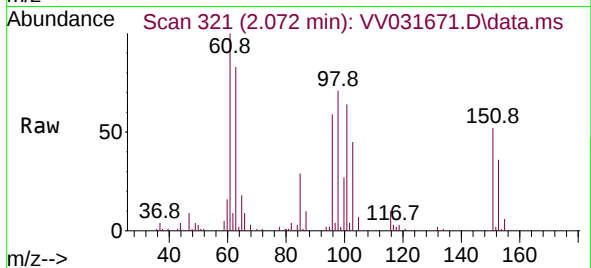
Tgt Ion:101 Resp: 20982

Ion Ratio Lower Upper

101 100

85 43.7 33.9 50.9

151 83.6 61.0 91.6



#12

1,1-Dichloroethene

Concen: 8.570 ug/L

RT: 2.076 min Scan# 322

Delta R.T. 0.003 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

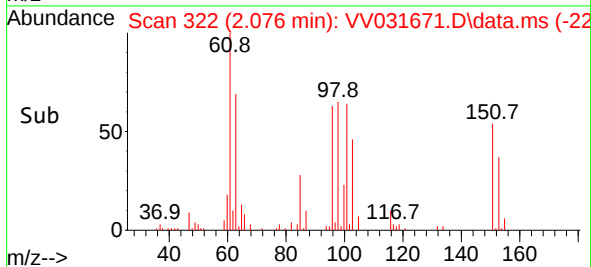
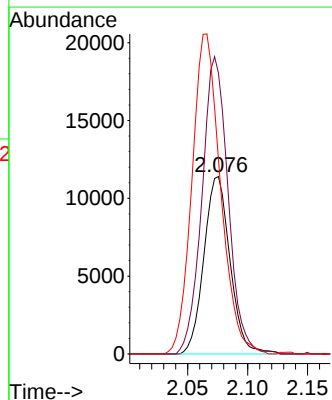
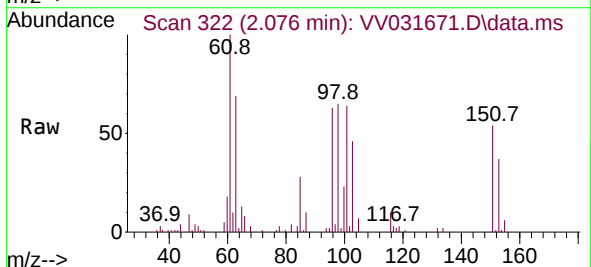
Tgt Ion: 96 Resp: 17274

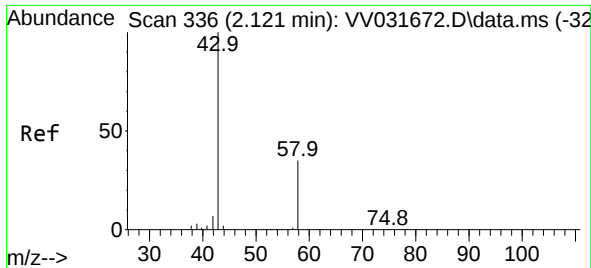
Ion Ratio Lower Upper

96 100

61 158.4 118.3 219.7

63 109.9 96.8 179.8





#13

Acetone

Concen: 17.205 ug/L

RT: 2.124 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031671.D

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ClientSampleId :

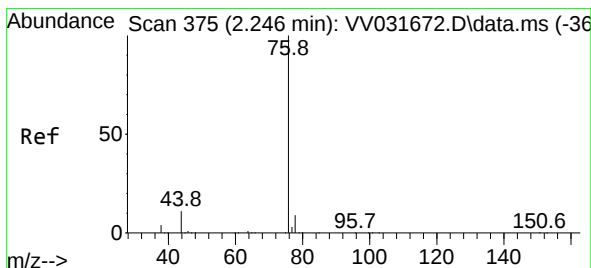
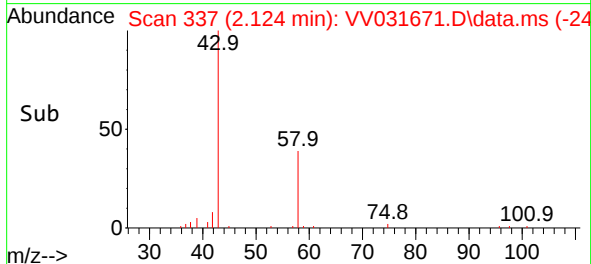
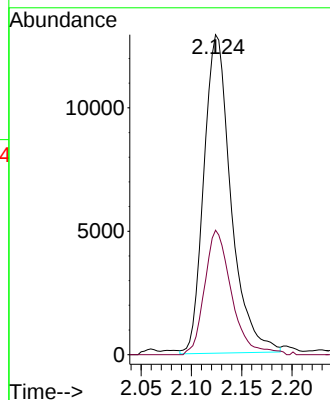
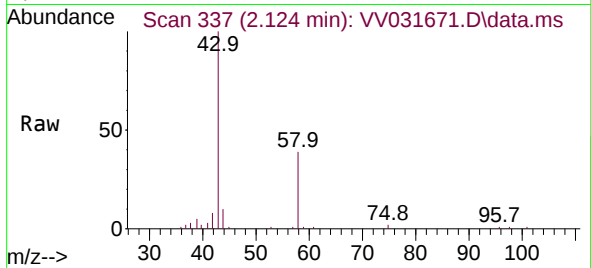
VSTD010240

Tgt Ion: 43 Resp: 24223

Ion Ratio Lower Upper

43 100

58 38.8 0.0 72.0



#14

Carbon disulfide

Concen: 9.415 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.000 min

Lab File: VV031671.D

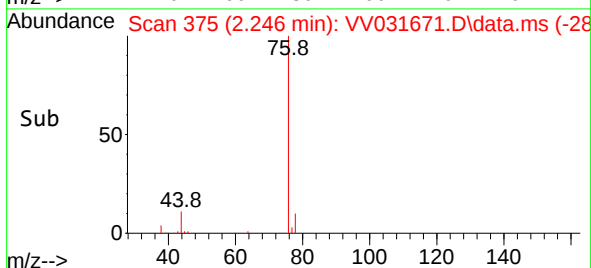
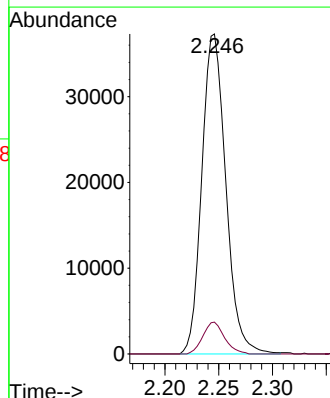
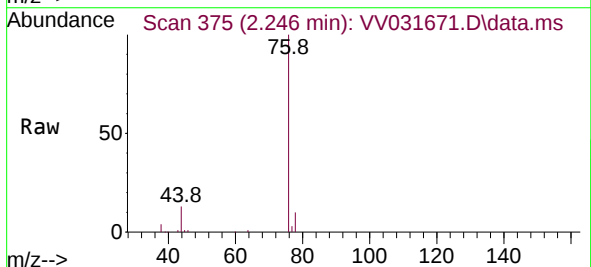
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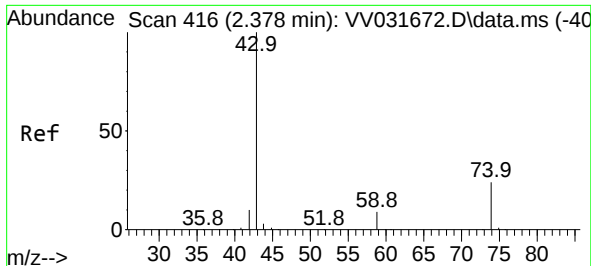
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Ion Ratio Lower Upper

76 100

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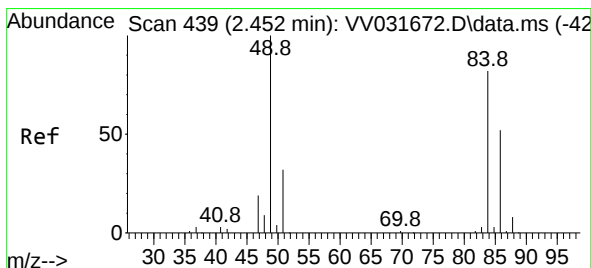
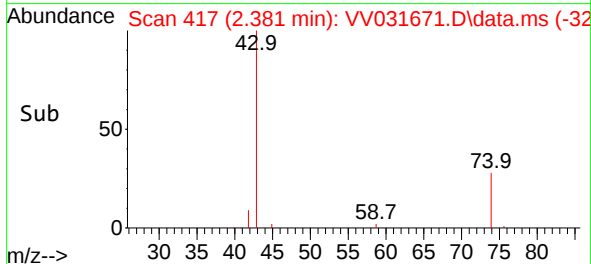
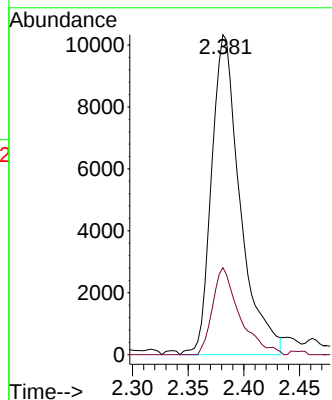
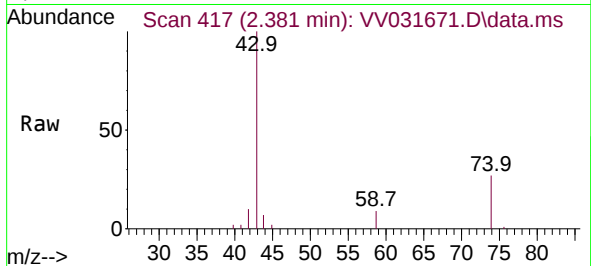




#15
Methyl Acetate
Concen: 7.704 ug/L
RT: 2.381 min Scan# 416
Delta R.T. 0.003 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

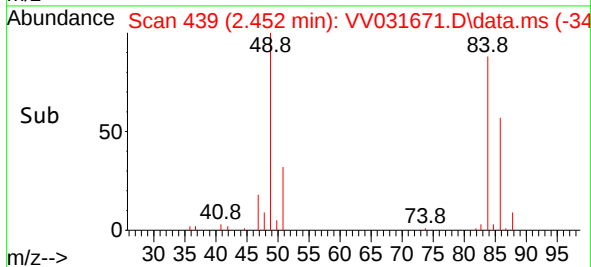
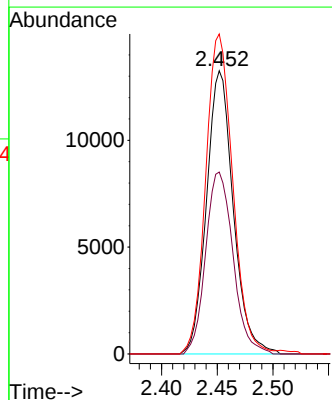
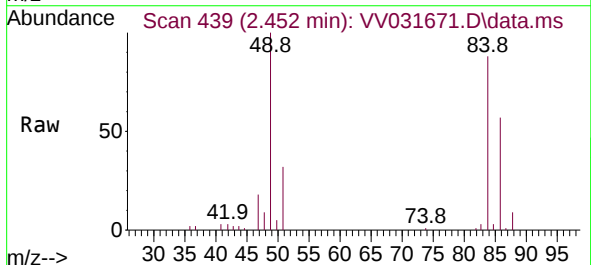
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

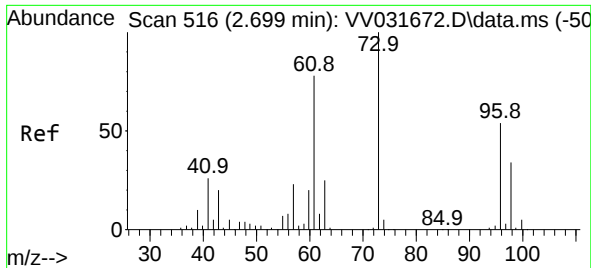
Tgt Ion: 43 Resp: 18442
Ion Ratio Lower Upper
43 100
74 24.9 19.5 29.3



#16
Methylene chloride
Concen: 8.906 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

Tgt Ion: 84 Resp: 22202
Ion Ratio Lower Upper
84 100
86 62.9 44.5 82.7
49 108.8 85.3 158.5

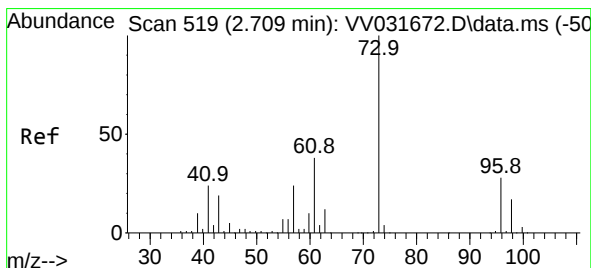
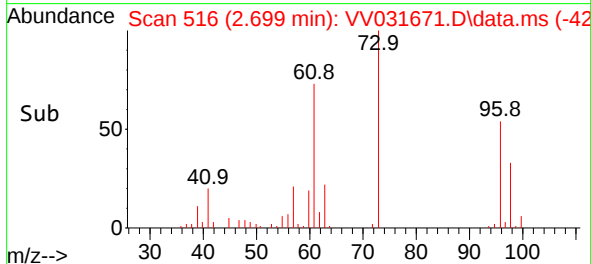
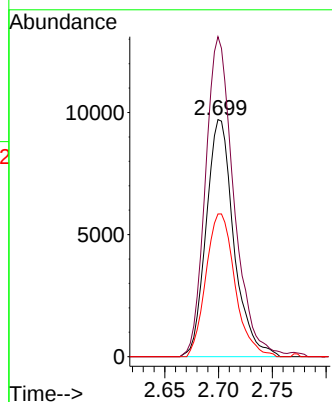
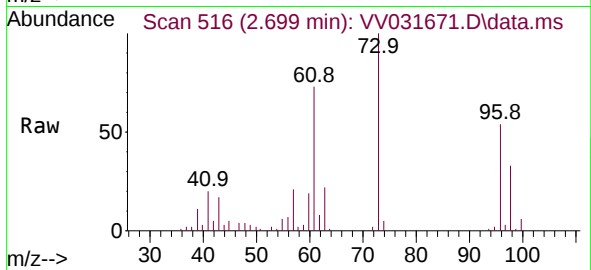




#17
trans-1,2-Dichloroethene
Concen: 8.401 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

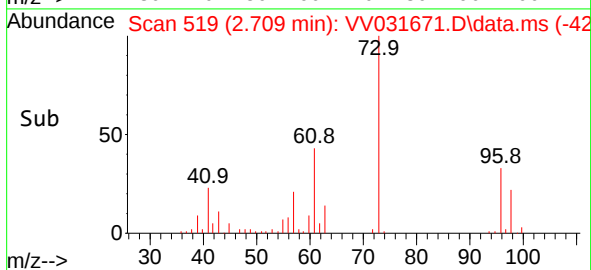
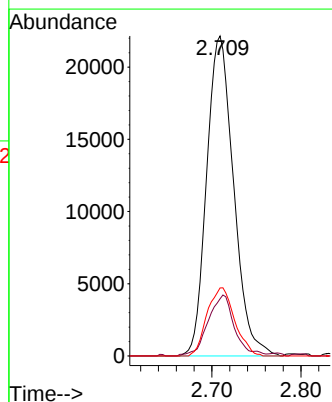
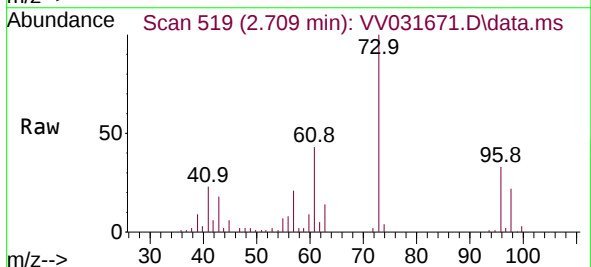
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

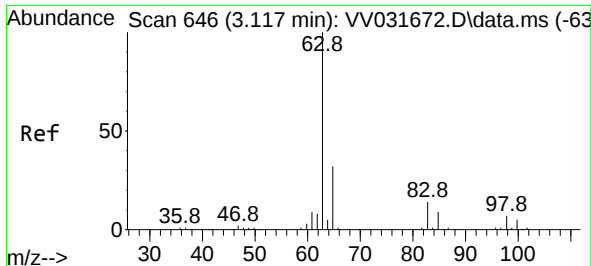
Tgt Ion: 96 Resp: 17406
Ion Ratio Lower Upper
96 100
61 127.6 101.6 188.6
98 58.9 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 6.881 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

Tgt Ion: 73 Resp: 46614
Ion Ratio Lower Upper
73 100
43 18.1 15.0 22.4
57 21.8 18.3 27.5





#19

1,1-Dichloroethane

Concen: 8.041 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD010240

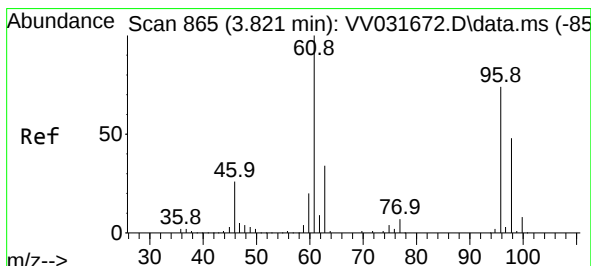
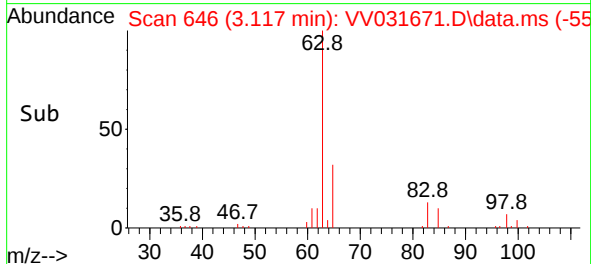
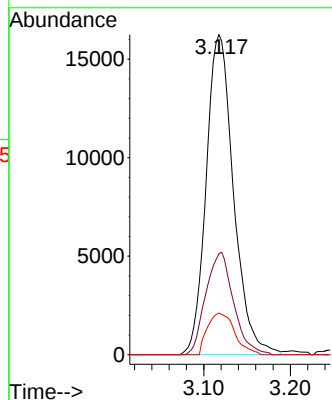
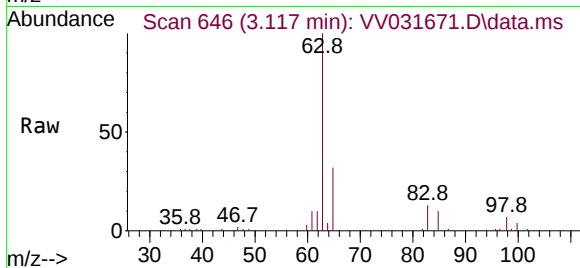
Tgt Ion: 63 Resp: 35665

Ion Ratio Lower Upper

63 100

65 31.5 22.3 41.5

83 12.9 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 9.368 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.003 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

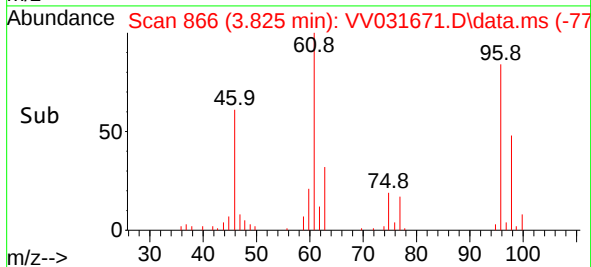
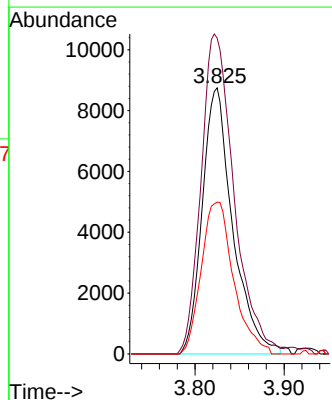
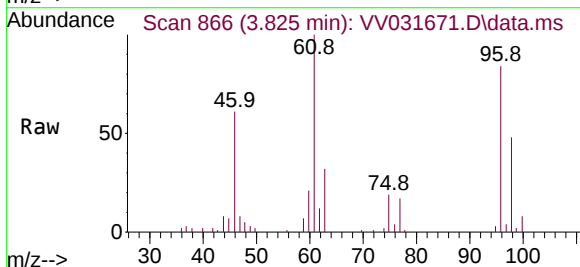
Tgt Ion: 96 Resp: 20763

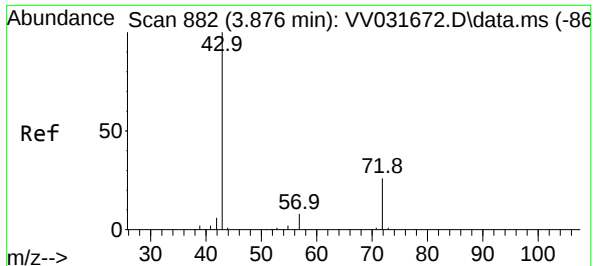
Ion Ratio Lower Upper

96 100

61 118.7 90.6 168.2

98 59.0 43.8 81.3

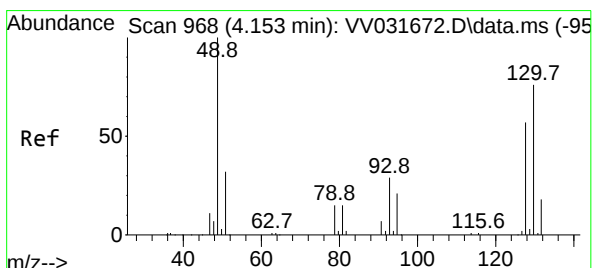
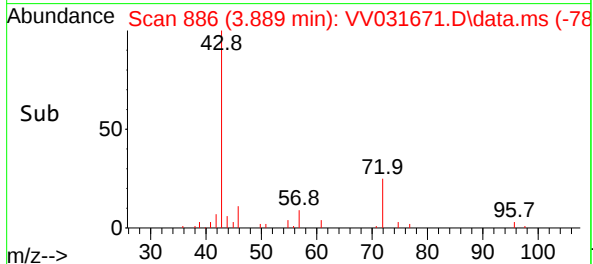
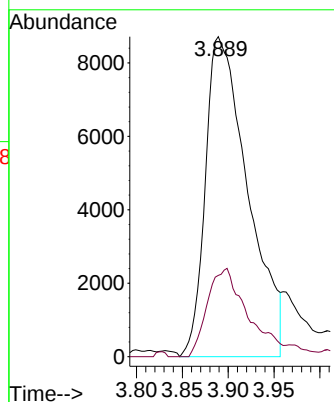
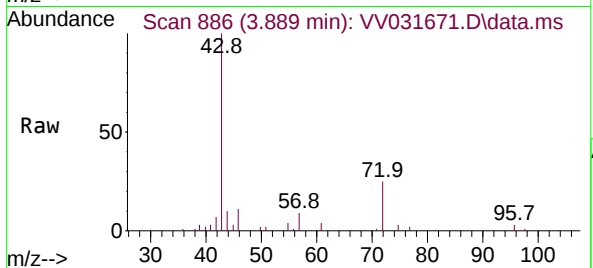




#22
2-Butanone
Concen: 15.773 ug/L
RT: 3.889 min Scan# 886
Delta R.T. 0.013 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

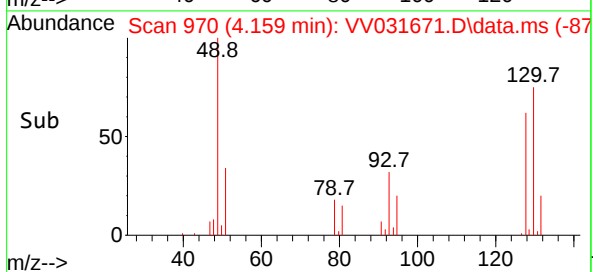
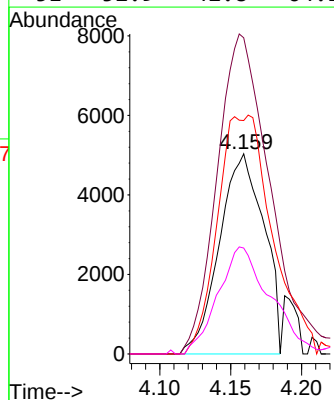
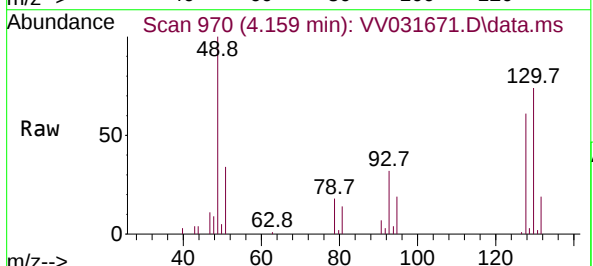
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

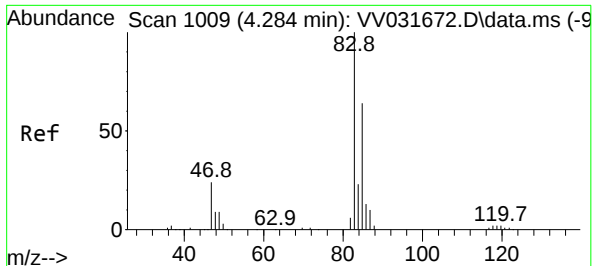
Tgt Ion: 43 Resp: 28110
Ion Ratio Lower Upper
43 100
72 24.2 12.7 38.0



#23
Bromochloromethane
Concen: 9.023 ug/L
RT: 4.159 min Scan# 970
Delta R.T. 0.007 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

Tgt Ion:128 Resp: 10975
Ion Ratio Lower Upper
128 100
49 157.9 117.9 218.9
130 120.2 89.1 165.5
51 52.9 42.8 64.2





#25

Chloroform

Concen: 10.171 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. 0.000 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

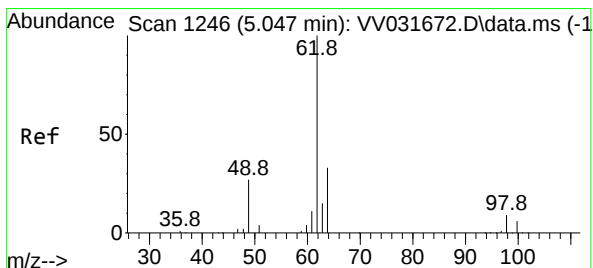
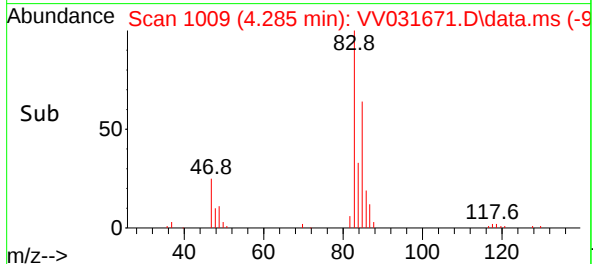
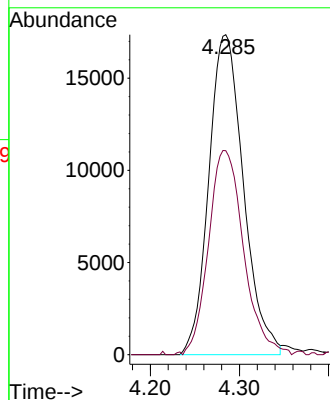
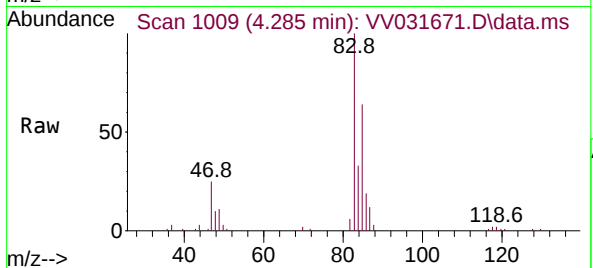
VSTD010240

Tgt Ion: 83 Resp: 46933

Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.9



#27

1,2-Dichloroethane

Concen: 9.834 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VV031671.D

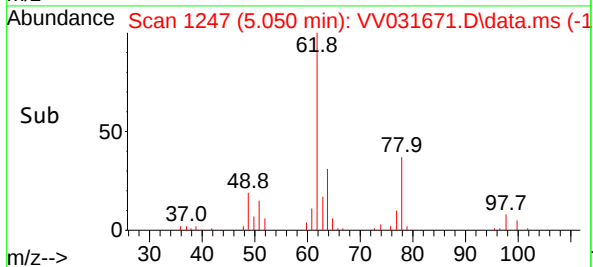
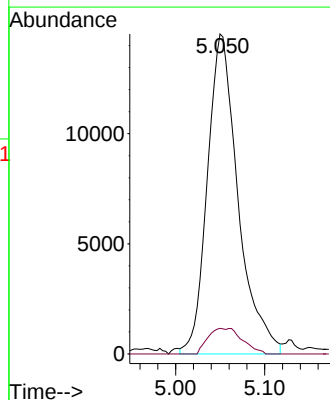
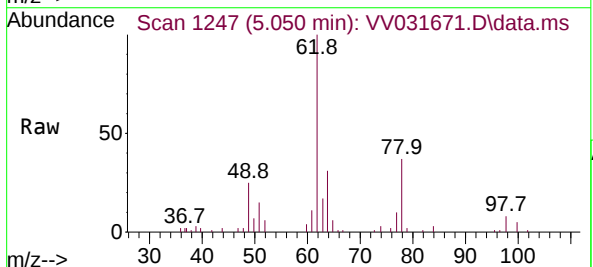
Acq: 11 Jul 2023 10:56

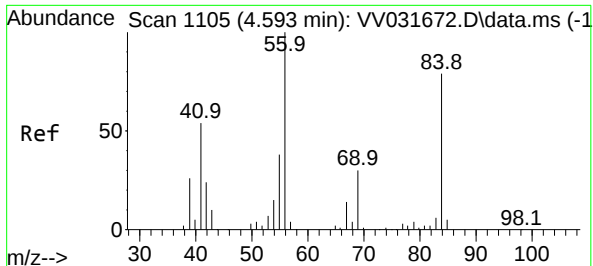
Tgt Ion: 62 Resp: 34780

Ion Ratio Lower Upper

62 100

98 8.0 7.5 11.3





#29

Cyclohexane

Concen: 7.198 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD010240

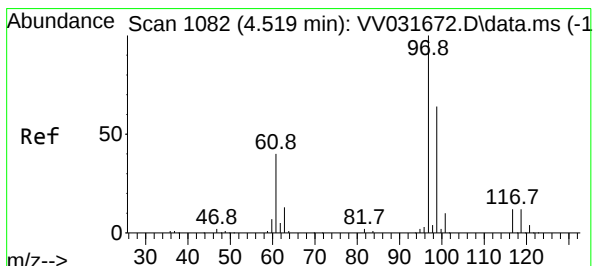
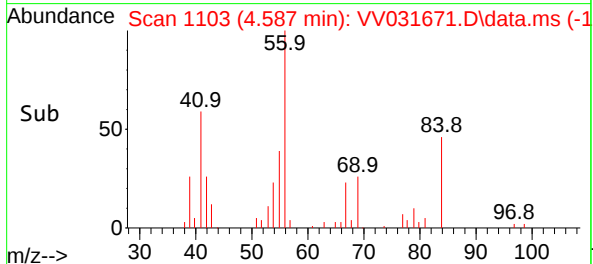
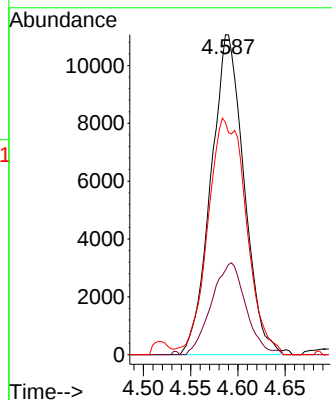
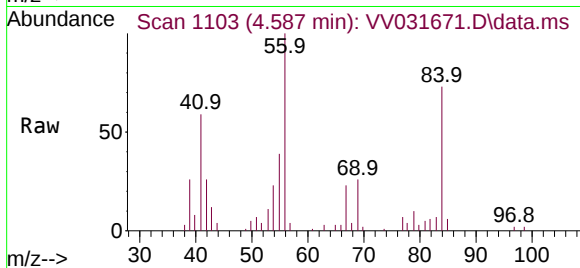
Tgt Ion: 56 Resp: 26844

Ion Ratio Lower Upper

56 100

69 29.7 24.1 36.1

84 50.5 63.6 95.4#



#30

1,1,1-Trichloroethane

Concen: 9.216 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. 0.000 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

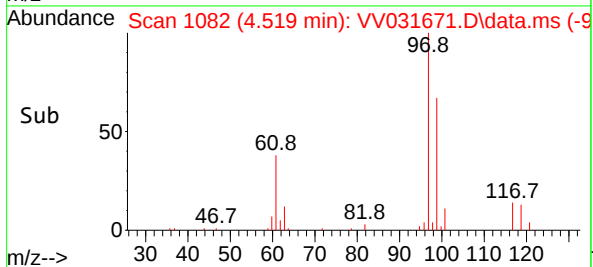
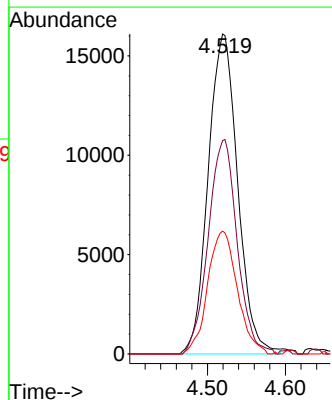
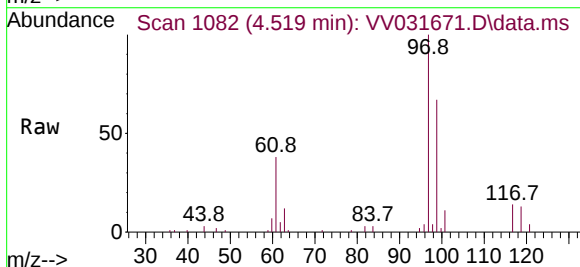
Tgt Ion: 97 Resp: 42332

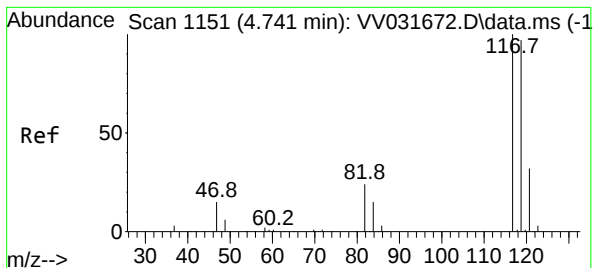
Ion Ratio Lower Upper

97 100

99 65.8 51.5 77.3

61 38.6 32.2 48.2





#31

Carbon tetrachloride

Concen: 9.644 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

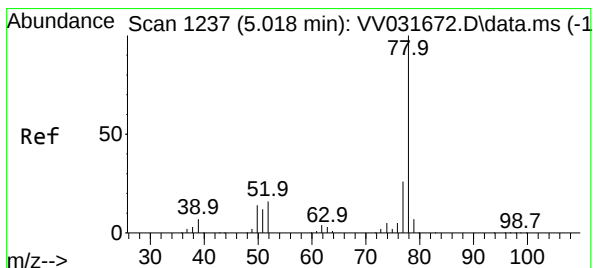
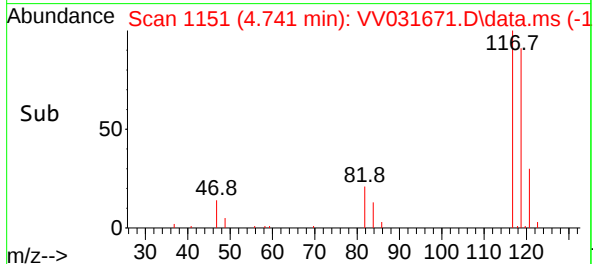
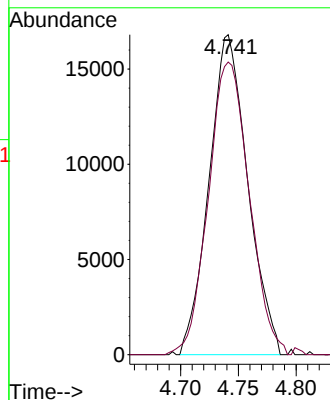
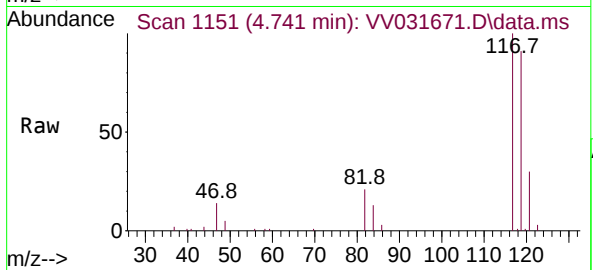
VSTD010240

Tgt Ion:117 Resp: 39235

Ion Ratio Lower Upper

117 100

119 96.3 78.0 117.0



#33

Benzene

Concen: 8.668 ug/L

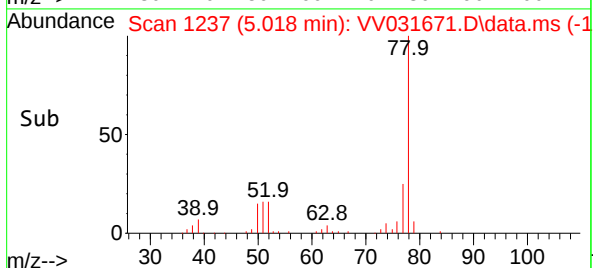
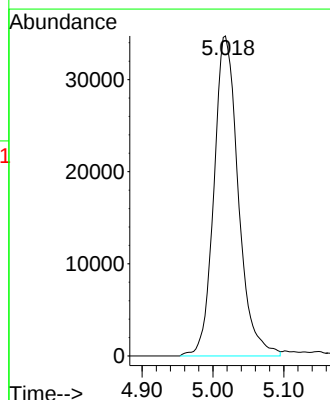
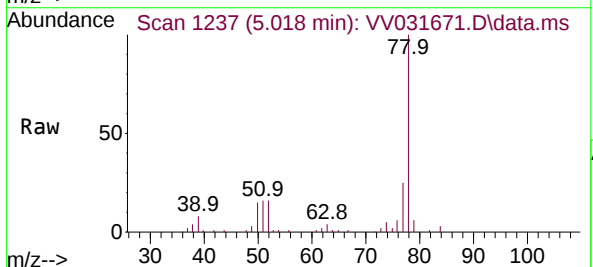
RT: 5.018 min Scan# 1237

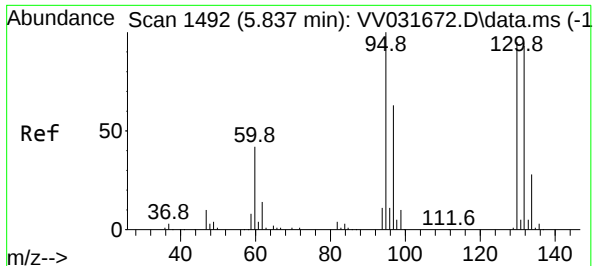
Delta R.T. 0.000 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

Tgt Ion: 78 Resp: 83048



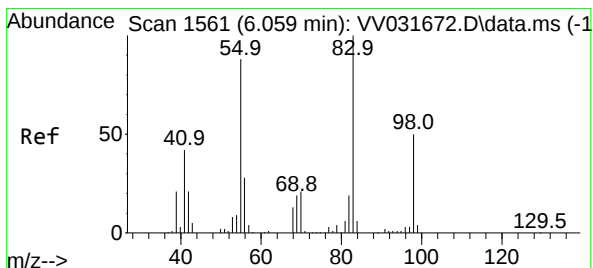
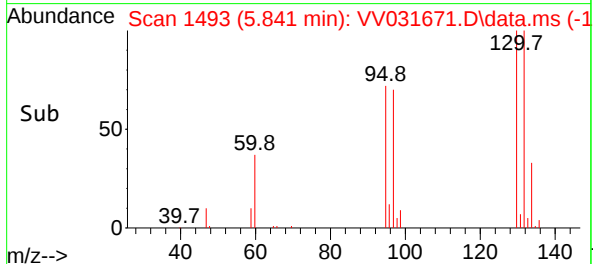
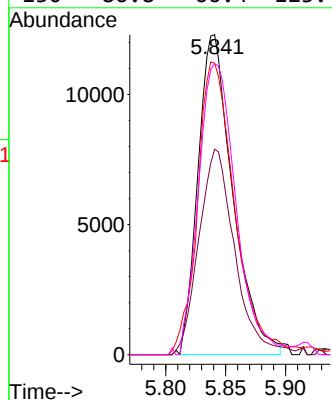
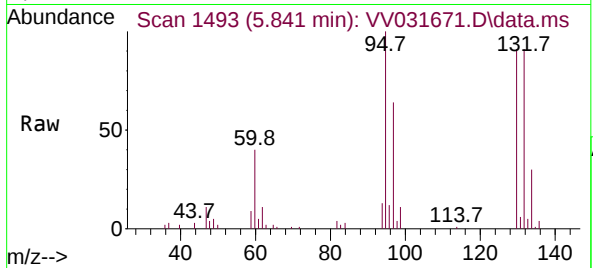


#34
Trichloroethene
Concen: 9.580 ug/L
RT: 5.841 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

Tgt Ion: 95 Resp: 24834

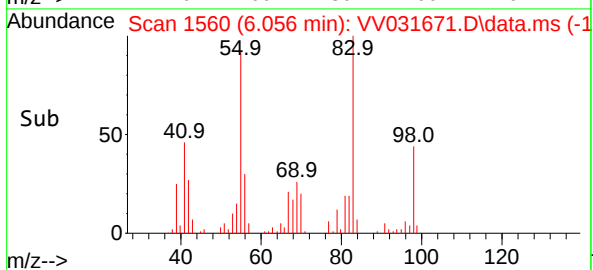
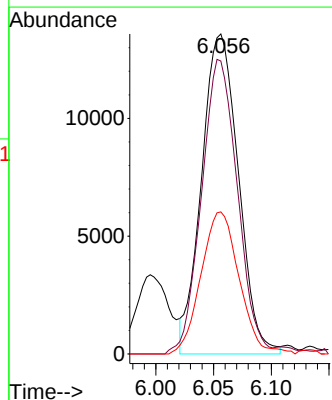
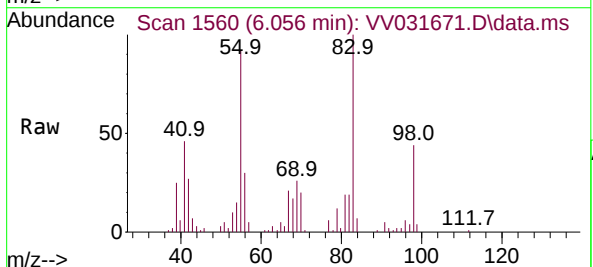
Ion	Ratio	Lower	Upper
95	100		
97	57.4	47.0	87.2
132	85.8	64.8	120.4
130	86.8	66.4	123.4

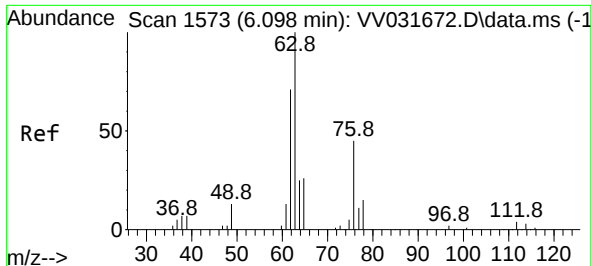


#35
Methylcyclohexane
Concen: 8.035 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.003 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

Tgt Ion: 83 Resp: 30127

Ion	Ratio	Lower	Upper
83	100		
55	89.5	69.4	104.2
98	45.9	38.2	57.2





#37

1,2-Dichloropropane

Concen: 8.296 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

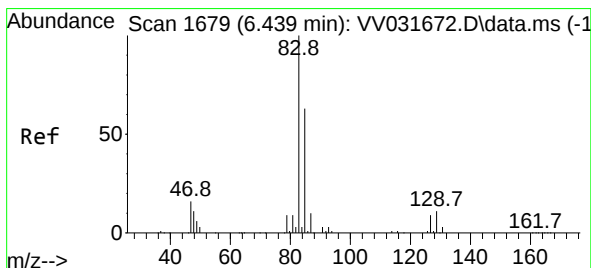
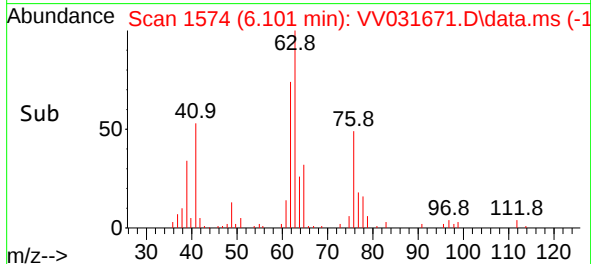
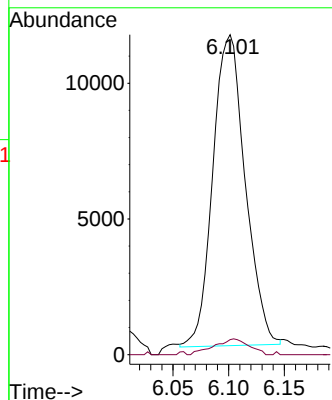
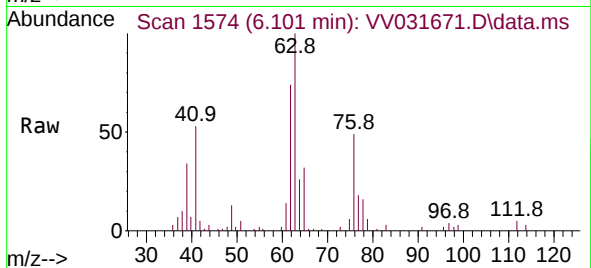
VSTD010240

Tgt Ion: 63 Resp: 23199

Ion Ratio Lower Upper

63 100

112 5.4 3.7 5.5



#38

Bromodichloromethane

Concen: 9.197 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

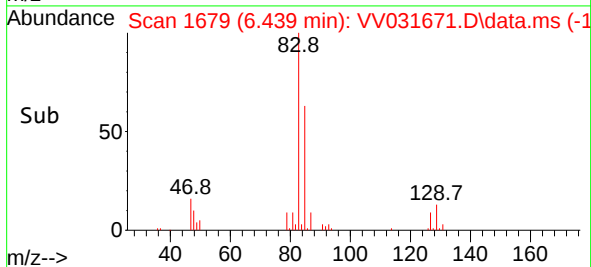
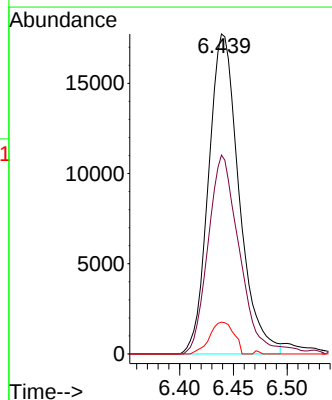
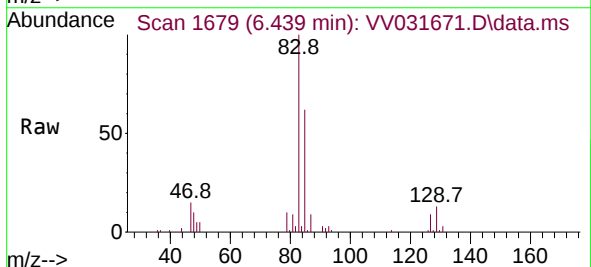
Tgt Ion: 83 Resp: 34990

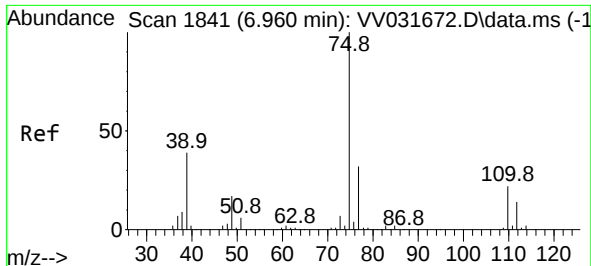
Ion Ratio Lower Upper

83 100

85 61.4 44.2 82.0

127 9.7 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 7.581 ug/L

RT: 6.960 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

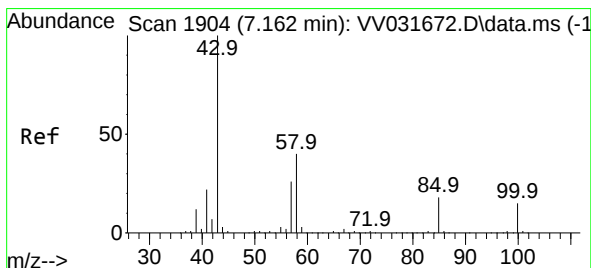
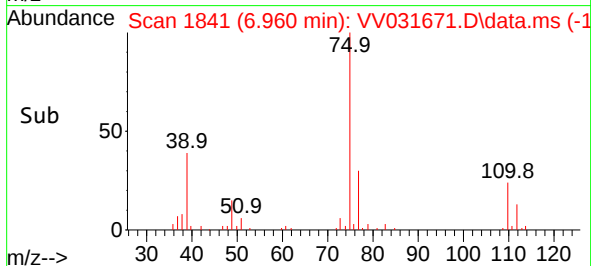
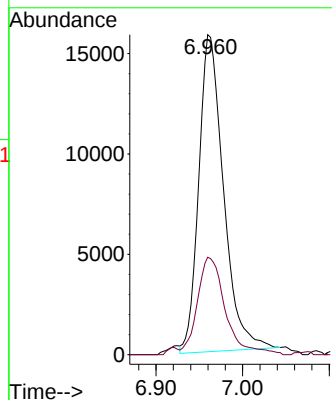
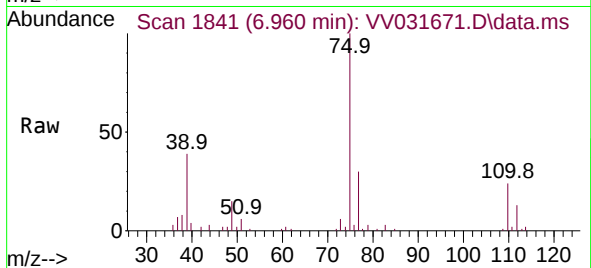
VSTD010240

Tgt Ion: 75 Resp: 31322

Ion Ratio Lower Upper

75 100

77 31.8 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 14.660 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. 0.003 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

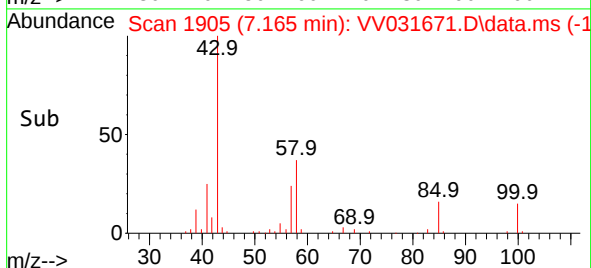
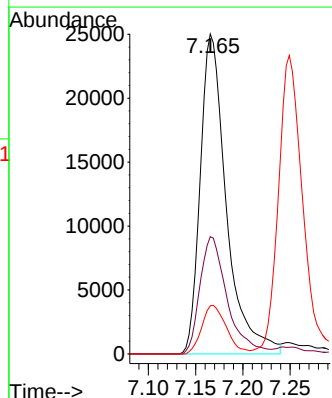
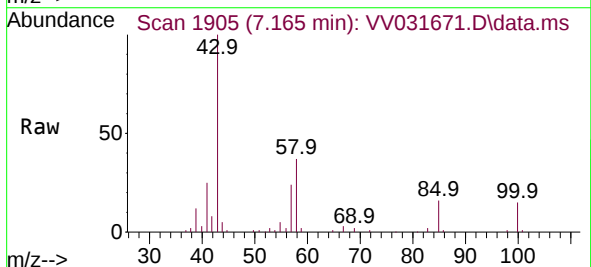
Tgt Ion: 43 Resp: 48078

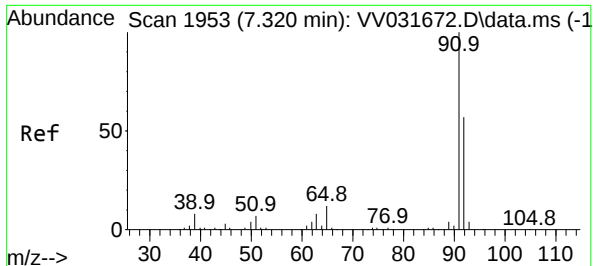
Ion Ratio Lower Upper

43 100

58 38.2 32.1 48.1

100 14.4 12.1 18.1





#42

Toluene

Concen: 8.283 ug/L

RT: 7.323 min Scan# 1953

Delta R.T. 0.003 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

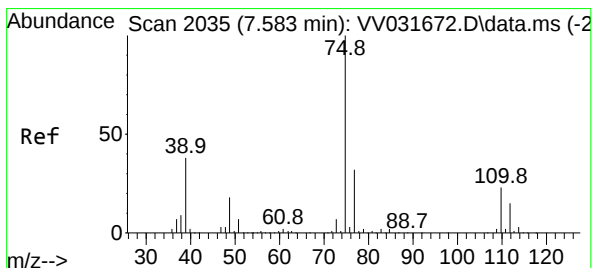
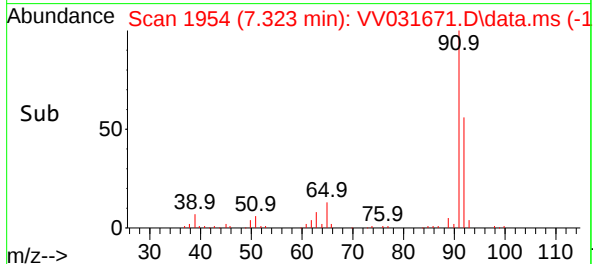
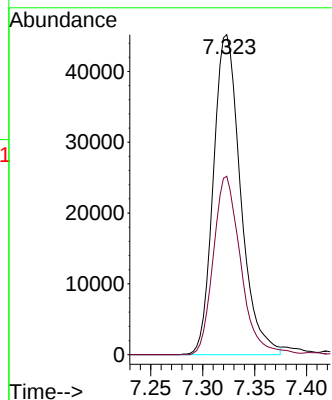
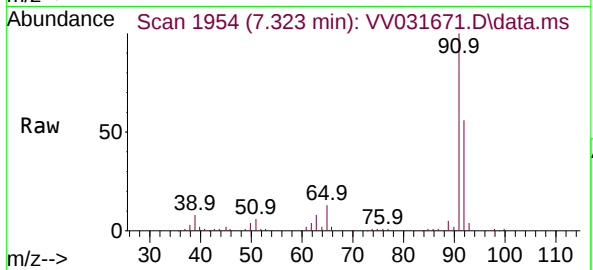
VSTD010240

Tgt Ion: 91 Resp: 82511

Ion Ratio Lower Upper

91 100

92 55.7 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 8.194 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.007 min

Lab File: VV031671.D

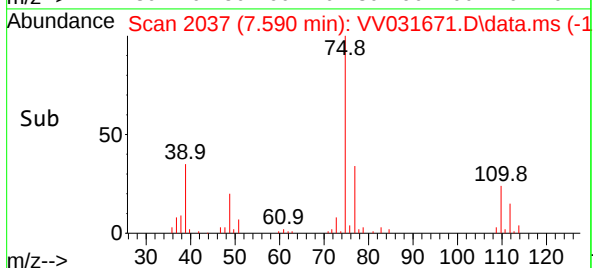
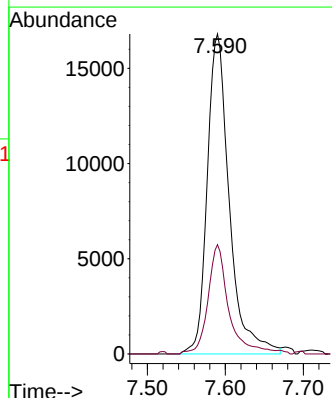
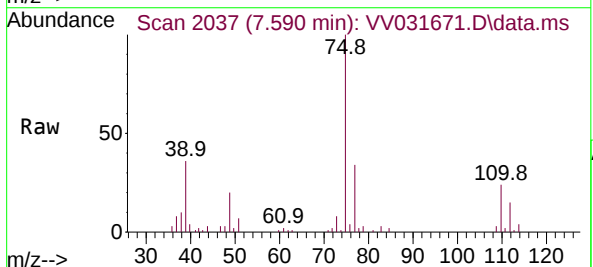
Acq: 11 Jul 2023 10:56

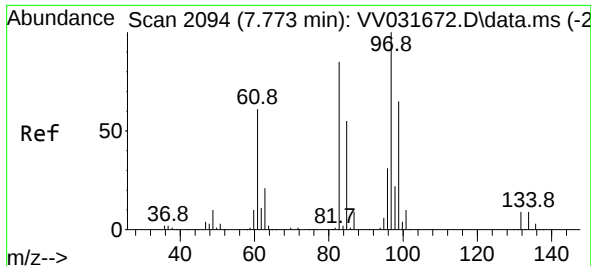
Tgt Ion: 75 Resp: 33069

Ion Ratio Lower Upper

75 100

77 34.1 22.3 41.3

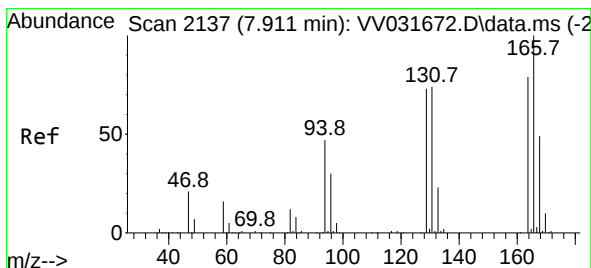
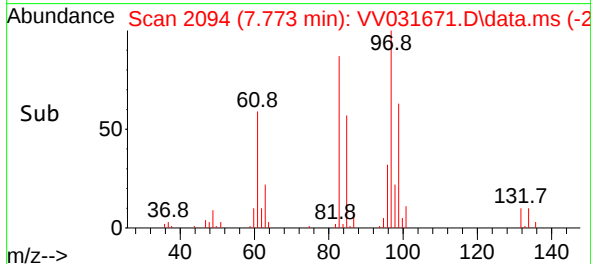
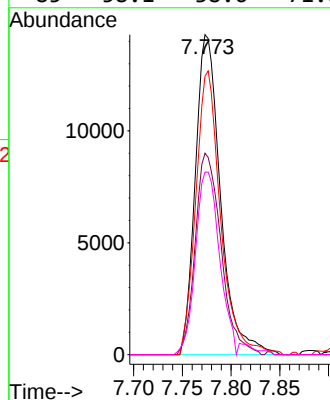
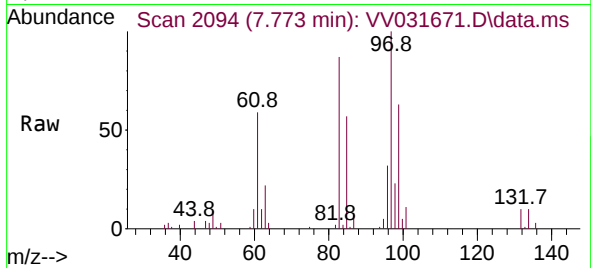




#45
1,1,2-Trichloroethane
Concen: 9.662 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

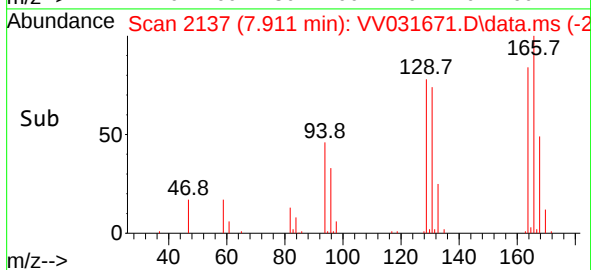
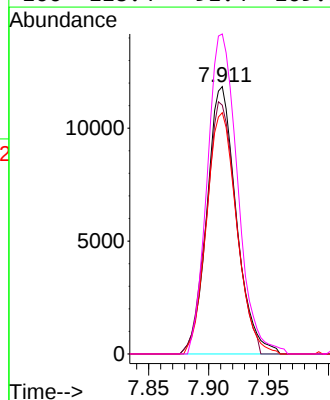
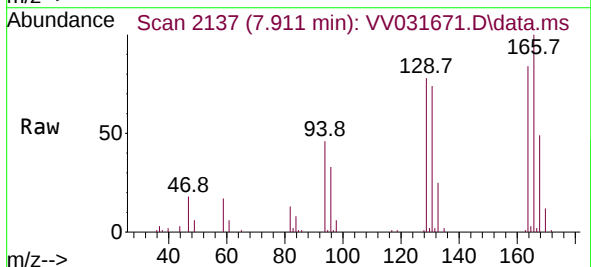
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

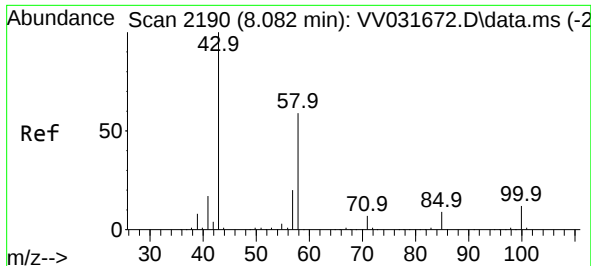
Tgt Ion:	97	Resp:	25762
Ion	Ratio	Lower	Upper
97	100		
99	63.0	45.2	84.0
83	87.0	59.5	110.5
85	58.1	38.6	71.8



#46
Tetrachloroethene
Concen: 9.970 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

Tgt Ion:	164	Resp:	20168
Ion	Ratio	Lower	Upper
164	100		
129	90.1	65.2	121.0
131	87.4	67.1	124.7
166	118.4	91.4	169.8

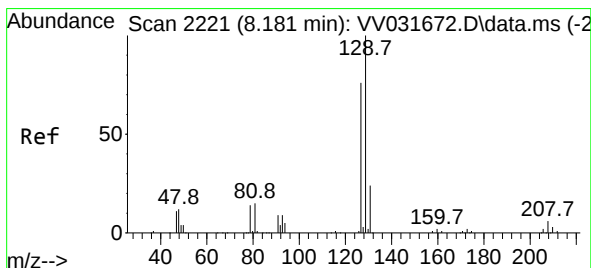
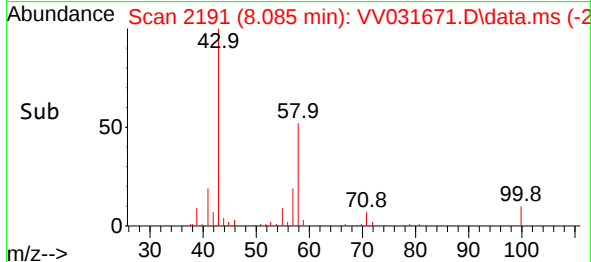
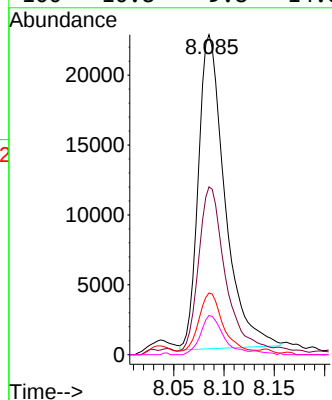
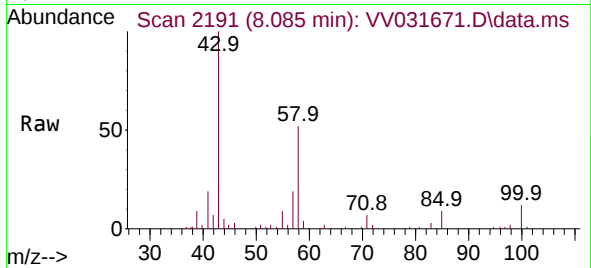




#48
2-Hexanone
Concen: 15.518 ug/L
RT: 8.085 min Scan# 2190
Delta R.T. 0.003 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

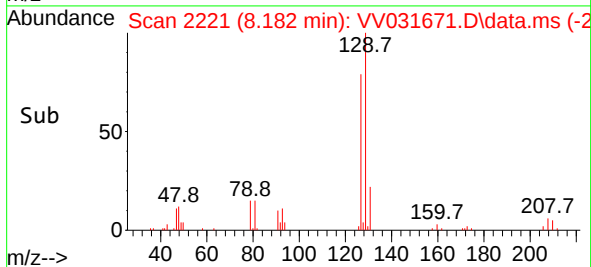
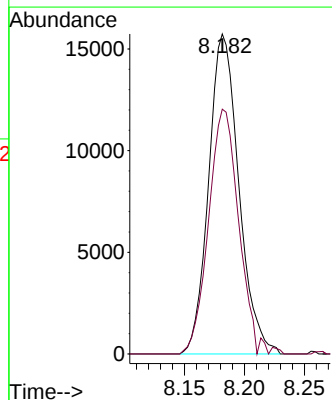
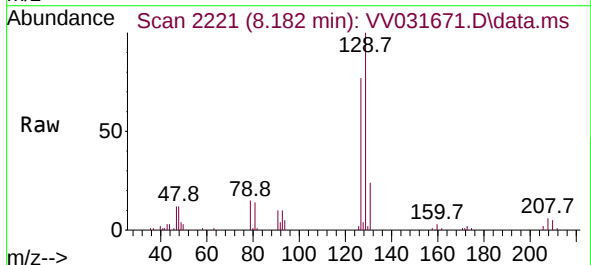
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

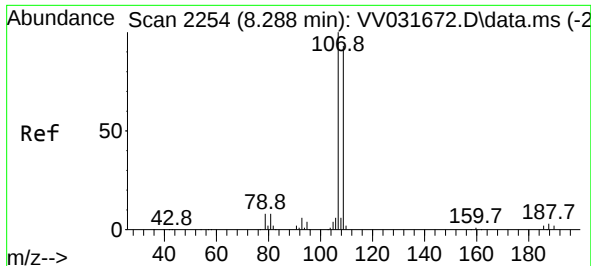
Tgt Ion:	43	Resp:	41251
Ion	Ratio	Lower	Upper
43	100		
58	52.9	46.3	69.5
57	18.9	16.8	25.2
100	10.8	9.8	14.8



#49
Dibromochloromethane
Concen: 9.265 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

Tgt Ion:	129	Resp:	27523
Ion	Ratio	Lower	Upper
129	100		
127	79.1	55.2	102.6





#50

1,2-Dibromoethane

Concen: 9.315 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD010240

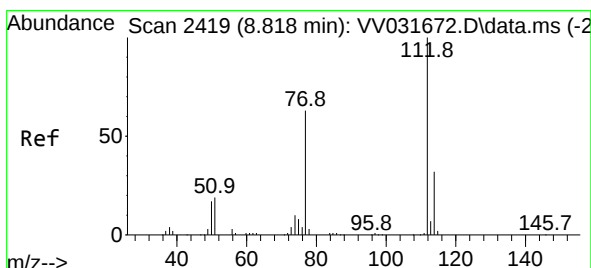
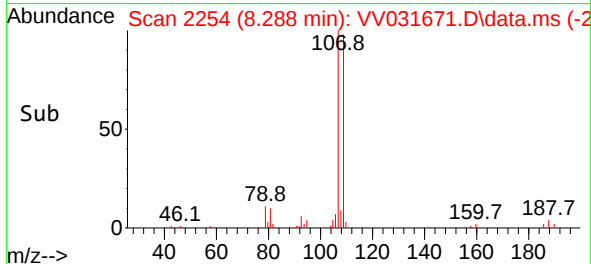
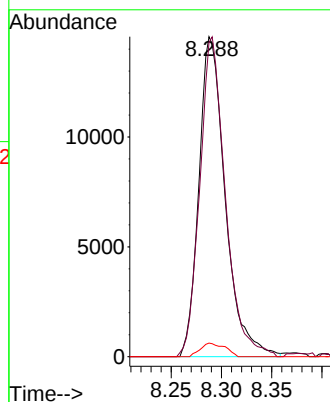
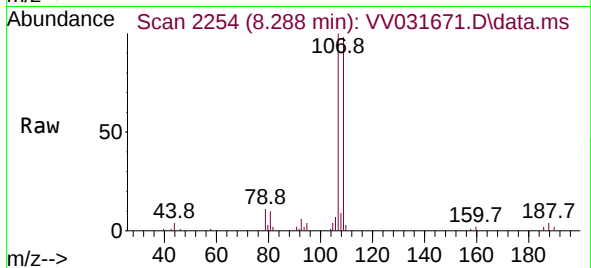
Tgt Ion:107 Resp: 26528

Ion Ratio Lower Upper

107 100

109 100.8 65.4 121.4

188 4.3 2.8 4.2#



#51

Chlorobenzene

Concen: 9.404 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.003 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

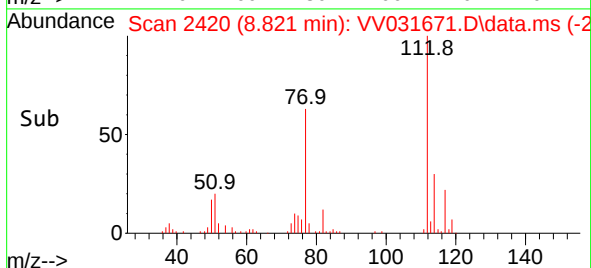
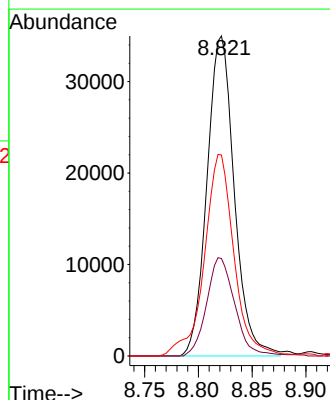
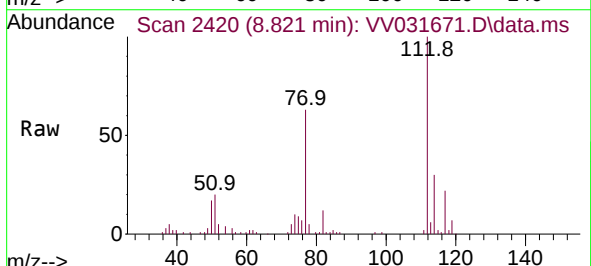
Tgt Ion:112 Resp: 61916

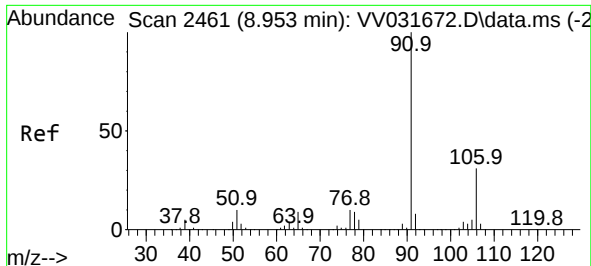
Ion Ratio Lower Upper

112 100

114 30.4 22.2 41.2

77 62.8 50.6 76.0

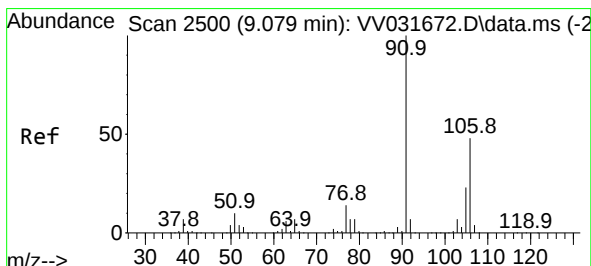
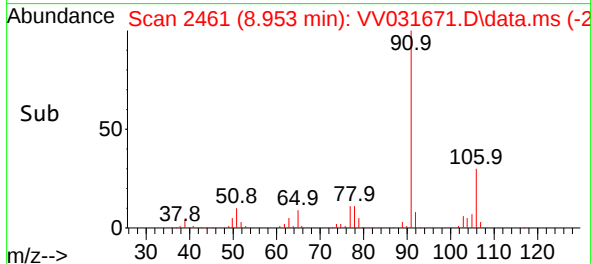
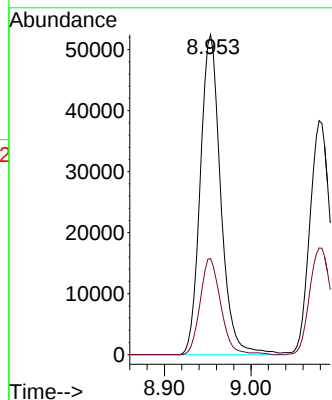
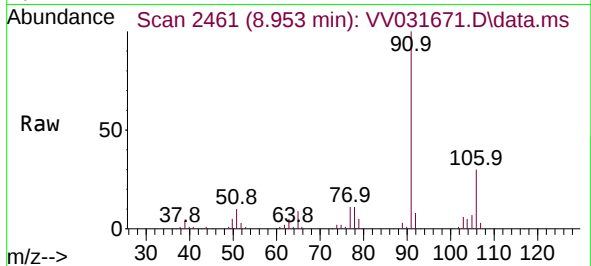




#52
Ethylbenzene
Concen: 7.801 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

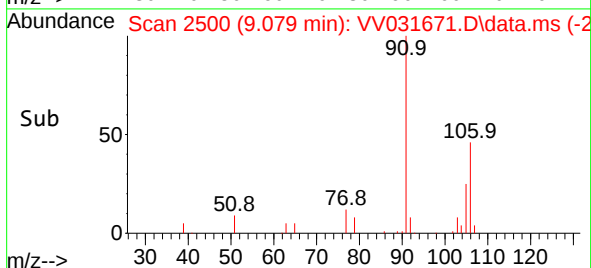
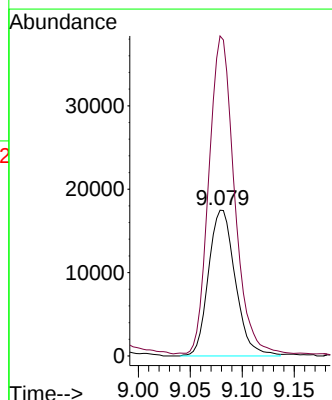
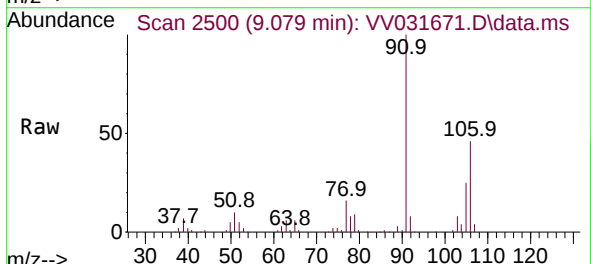
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

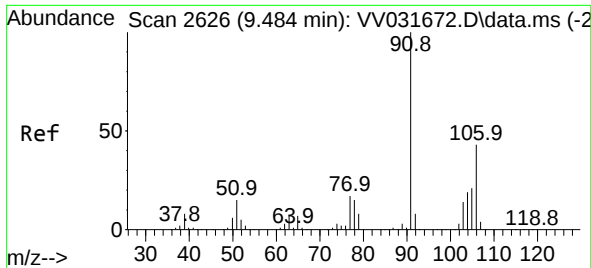
Tgt Ion: 91 Resp: 85906
Ion Ratio Lower Upper
91 100
106 30.1 21.5 39.9



#53
m,p-Xylene
Concen: 7.718 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

Tgt Ion: 106 Resp: 31403
Ion Ratio Lower Upper
106 100
91 219.4 145.6 270.4

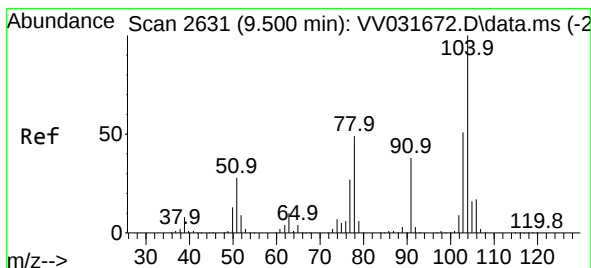
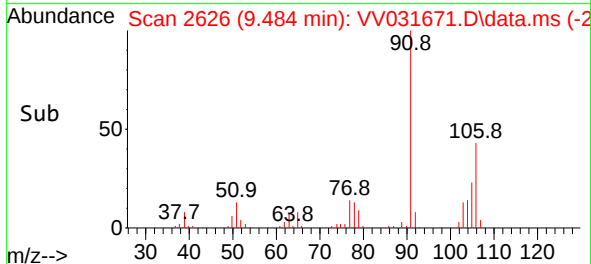
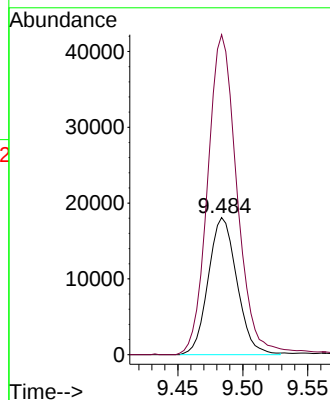
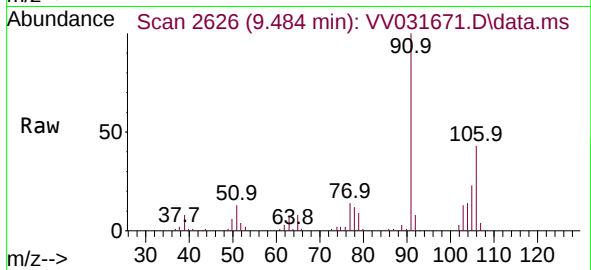




#54
o-Xylene
Concen: 7.248 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

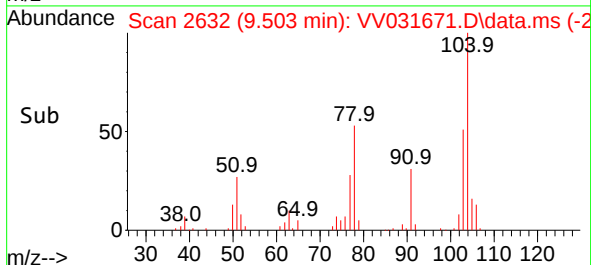
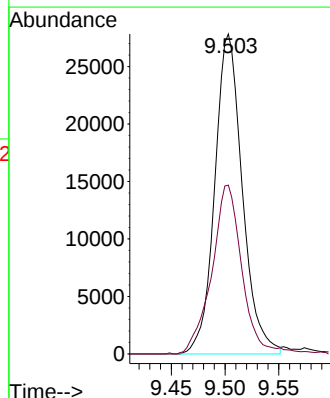
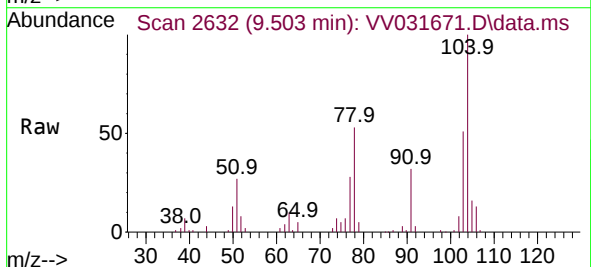
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

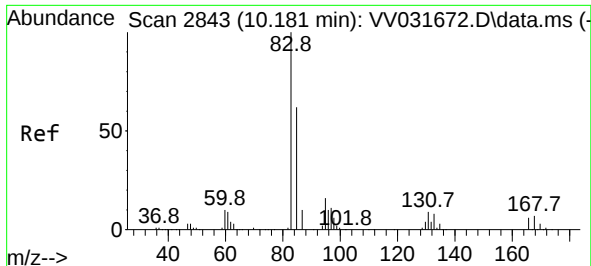
Tgt Ion:106 Resp: 27743
Ion Ratio Lower Upper
106 100
91 233.3 163.0 302.6



#55
Styrene
Concen: 7.166 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.003 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

Tgt Ion:104 Resp: 49624
Ion Ratio Lower Upper
104 100
78 52.7 34.4 64.0

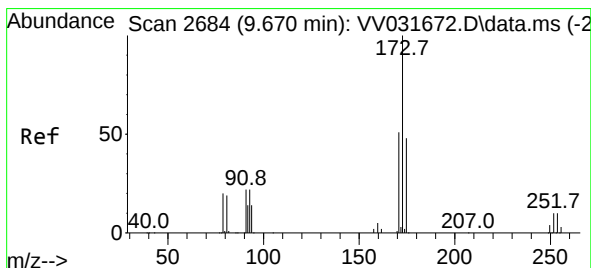
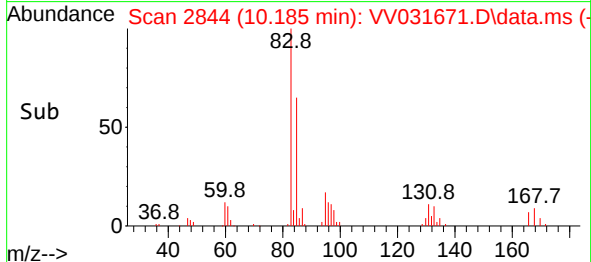
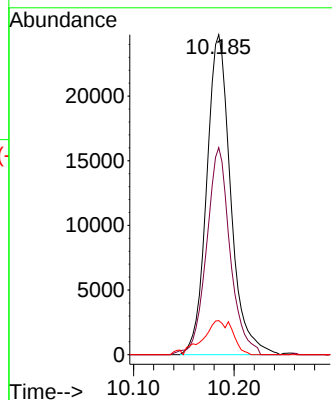
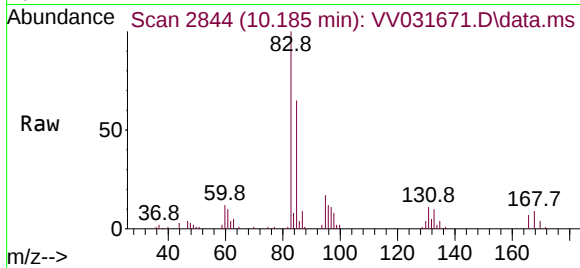




#57
1,1,2,2-Tetrachloroethane
Concen: 9.547 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

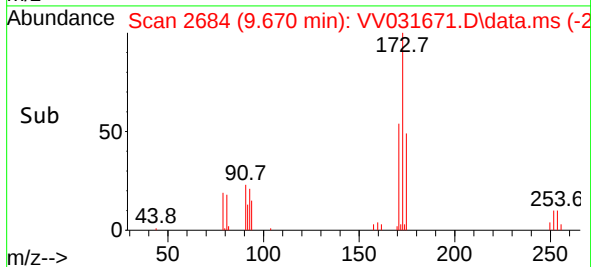
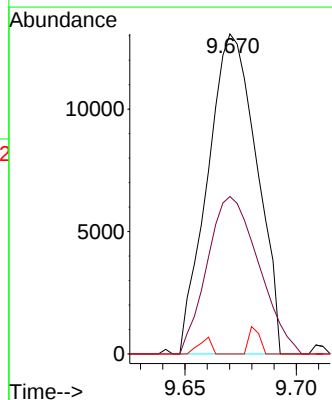
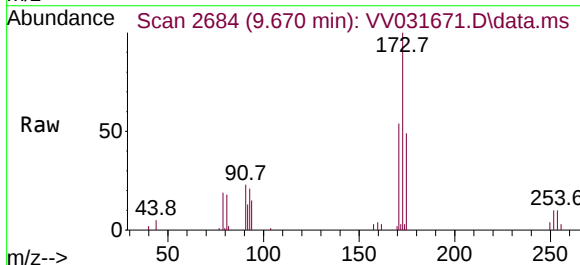
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

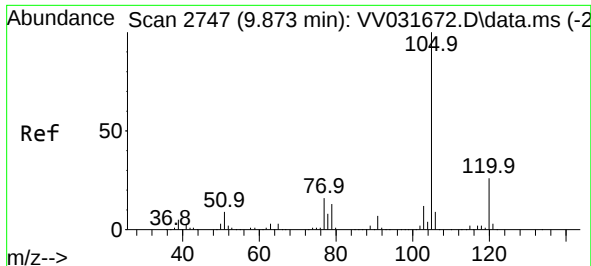
Tgt Ion: 83 Resp: 41003
Ion Ratio Lower Upper
83 100
85 63.8 43.4 80.6
131 9.8 10.9 16.3#



#59
Bromoform
Concen: 9.454 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

Tgt Ion: 173 Resp: 20024
Ion Ratio Lower Upper
173 100
175 51.8 38.6 58.0
254 1.3 6.9 10.3#

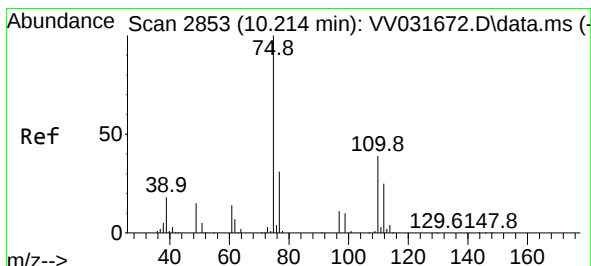
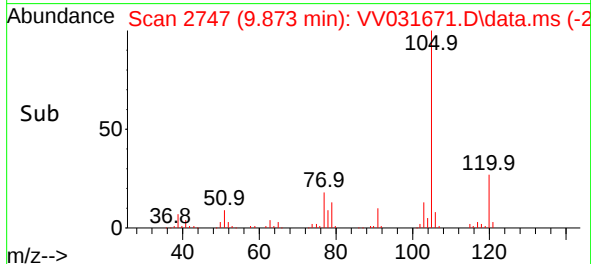
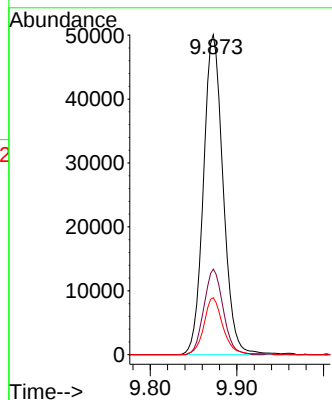
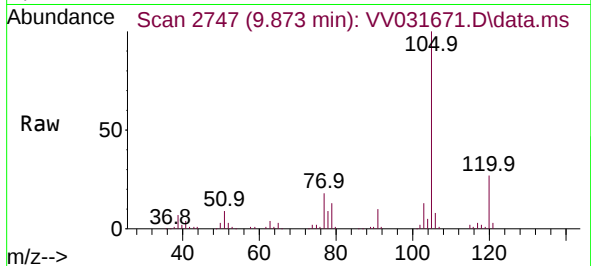




#60
Isopropylbenzene
Concen: 7.420 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

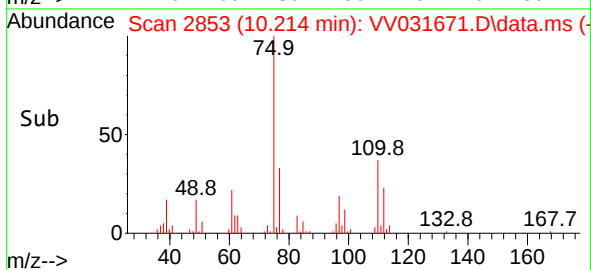
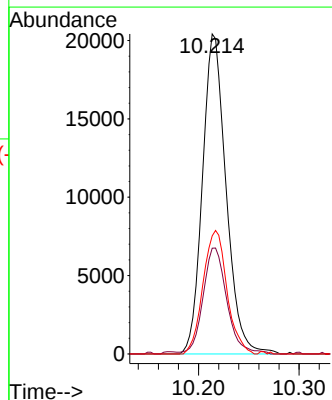
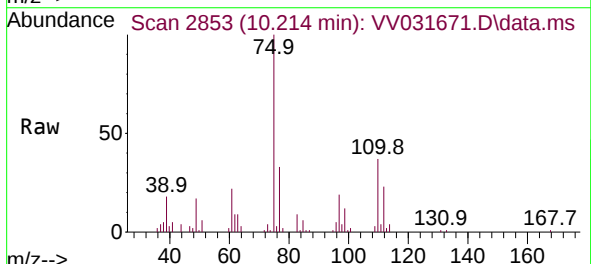
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

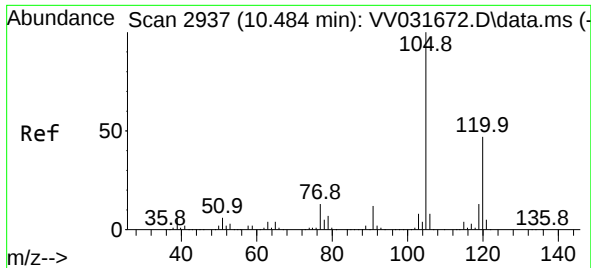
Tgt Ion:105 Resp: 79141
Ion Ratio Lower Upper
105 100
120 26.1 20.6 30.8
77 17.1 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 9.932 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

Tgt Ion: 75 Resp: 33364
Ion Ratio Lower Upper
75 100
77 33.4 25.1 37.7
110 39.1 31.4 47.0

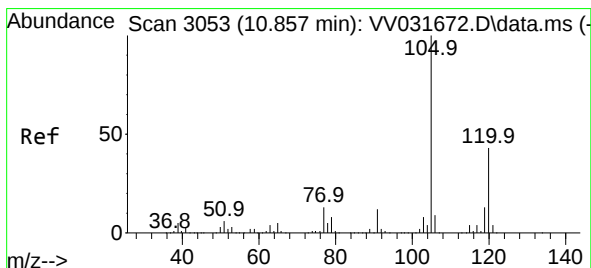
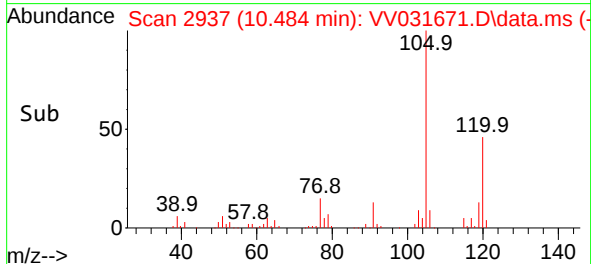
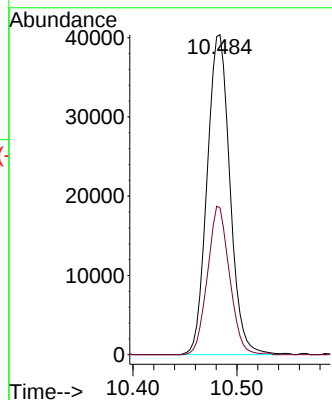
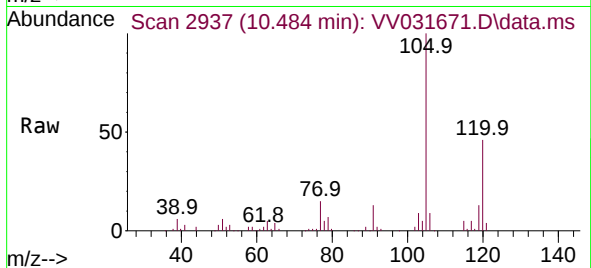




#62
 1,3,5-Trimethylbenzene
 Concen: 7.011 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: VV031671.D
 Acq: 11 Jul 2023 10:56

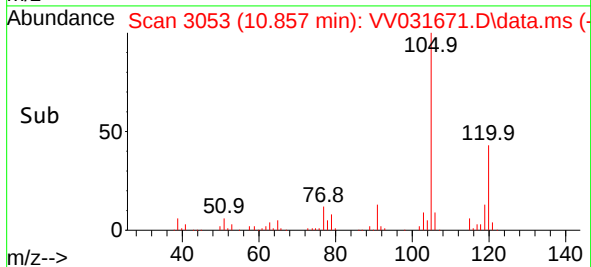
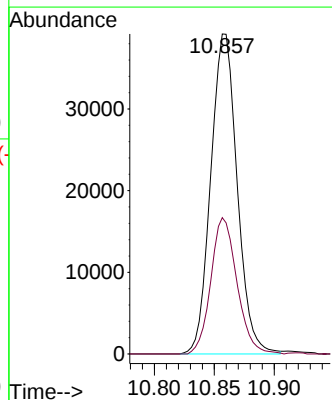
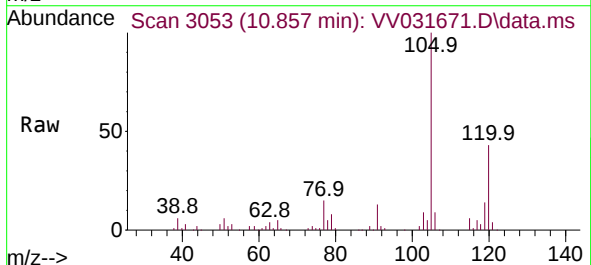
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010240

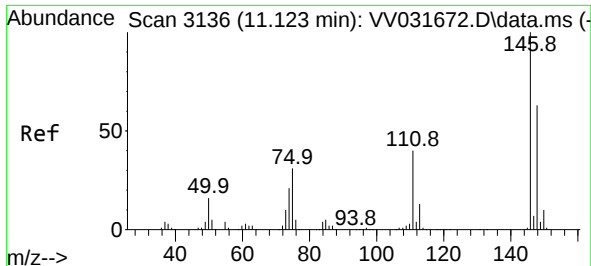
Tgt Ion:105 Resp: 61538
 Ion Ratio Lower Upper
 105 100
 120 44.6 37.4 56.0



#63
 1,2,4-Trimethylbenzene
 Concen: 7.225 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.000 min
 Lab File: VV031671.D
 Acq: 11 Jul 2023 10:56

Tgt Ion:105 Resp: 60123
 Ion Ratio Lower Upper
 105 100
 120 42.0 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 8.804 ug/L

RT: 11.124 min Scan# 3136

Delta R.T. 0.000 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD010240

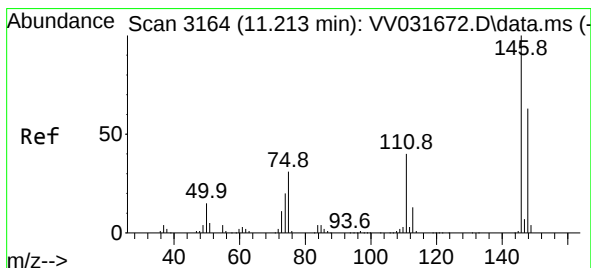
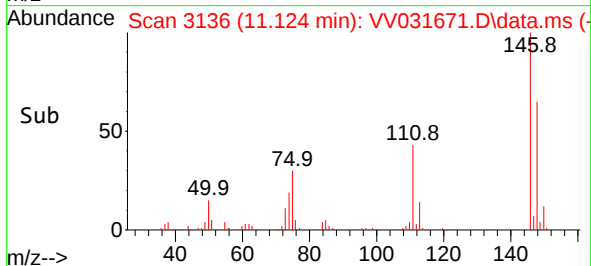
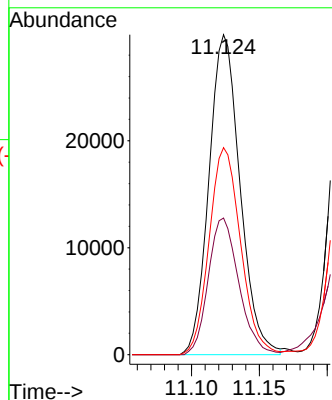
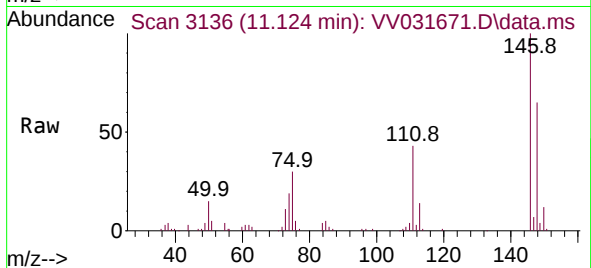
Tgt Ion:146 Resp: 47642

Ion Ratio Lower Upper

146 100

111 42.7 28.3 52.5

148 68.8 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 9.529 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

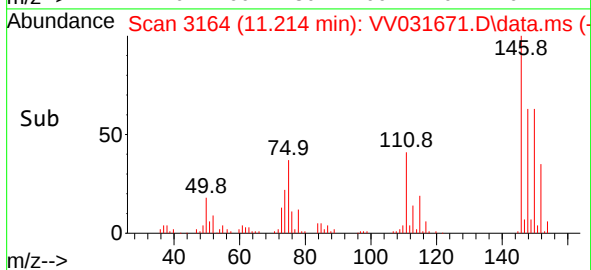
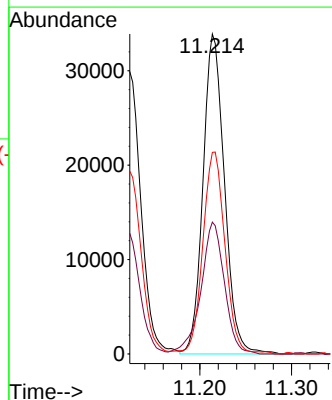
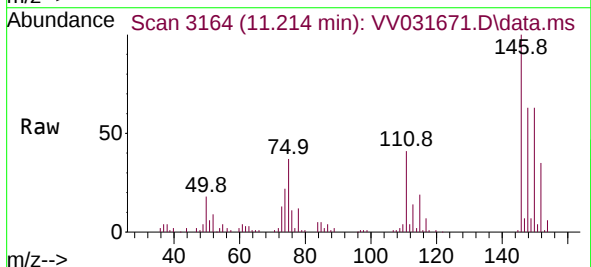
Tgt Ion:146 Resp: 55088

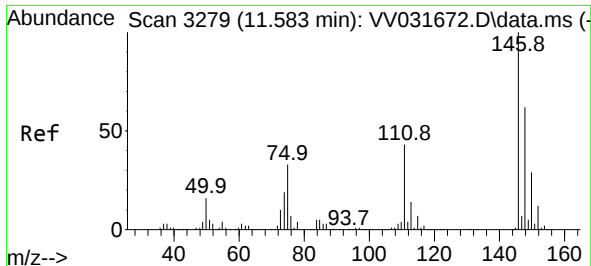
Ion Ratio Lower Upper

146 100

111 41.2 28.3 52.7

148 63.0 44.1 81.9

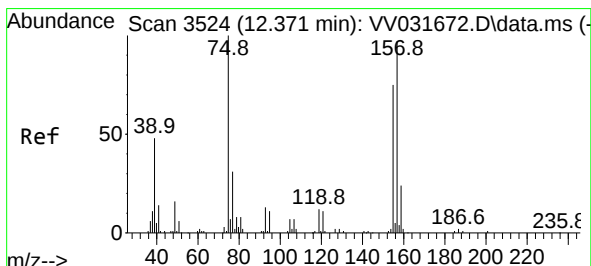
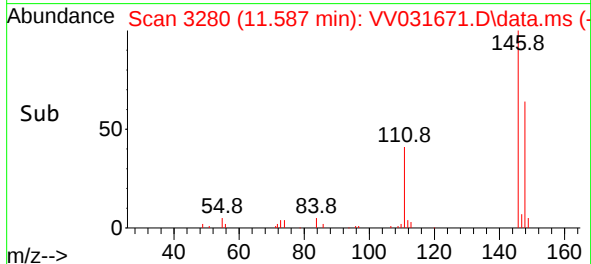
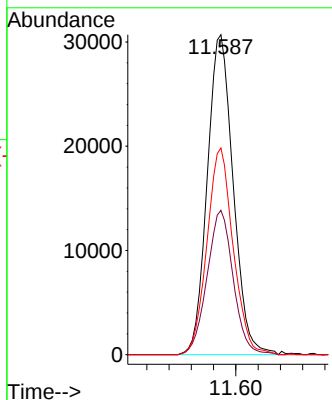
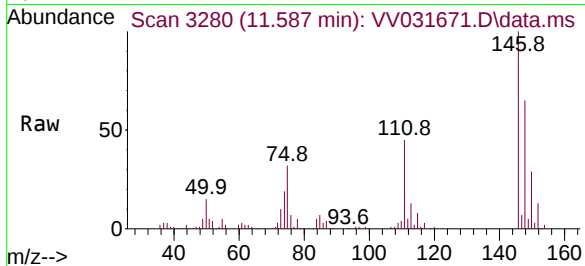




#67
1,2-Dichlorobenzene
Concen: 9.057 ug/L
RT: 11.587 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

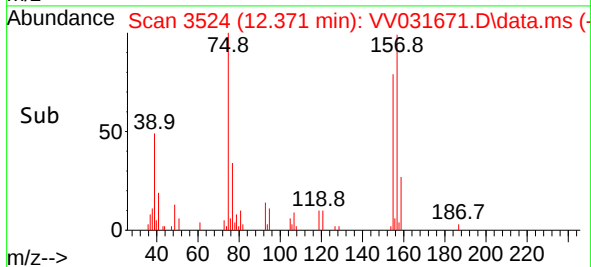
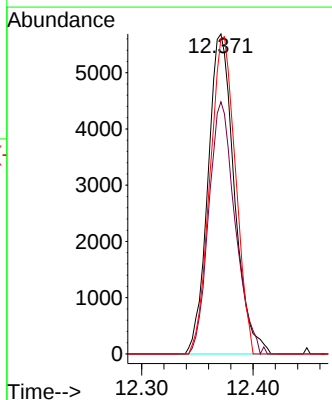
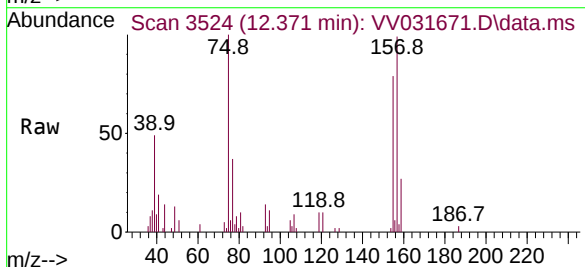
Instrument :
MSVOA_V
ClientSampleId :
VSTD010240

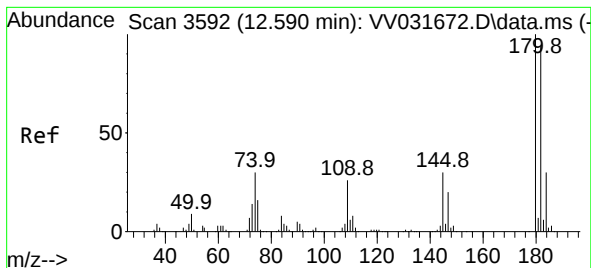
Tgt Ion:146 Resp: 49599
Ion Ratio Lower Upper
146 100
111 45.1 34.8 52.2
148 64.6 49.8 74.6



#68
1,2-Dibromo-3-chloropropane
Concen: 9.279 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. 0.000 min
Lab File: VV031671.D
Acq: 11 Jul 2023 10:56

Tgt Ion: 75 Resp: 9345
Ion Ratio Lower Upper
75 100
155 84.7 59.9 89.9
157 102.5 77.6 116.4





#69

1,3,5-Trichlorobenzene

Concen: 8.602 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. 0.000 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD010240

Tgt Ion:180 Resp: 35456

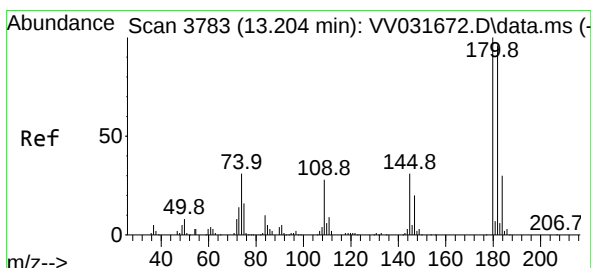
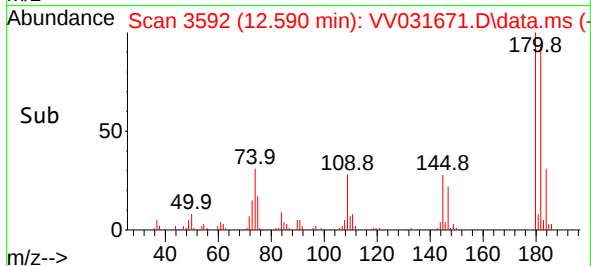
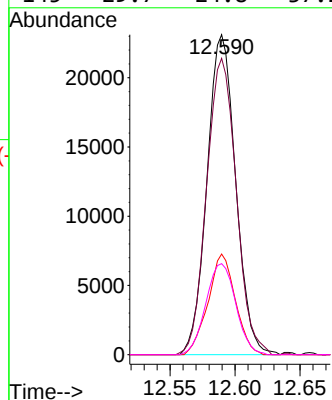
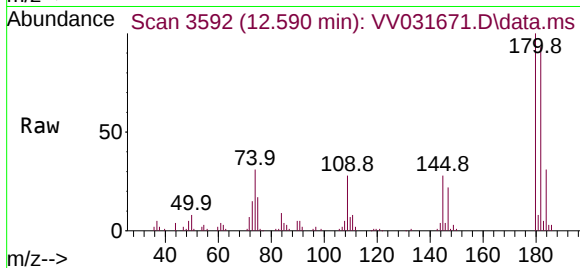
Ion Ratio Lower Upper

180 100

182 95.6 75.5 113.3

184 30.0 23.7 35.5

145 29.7 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 8.002 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.000 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

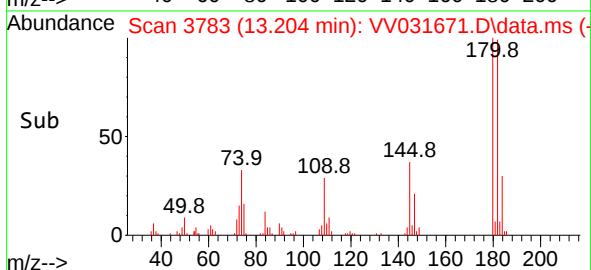
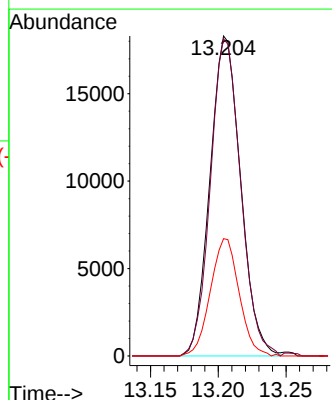
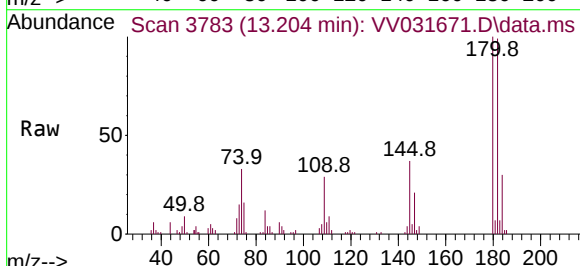
Tgt Ion:180 Resp: 28790

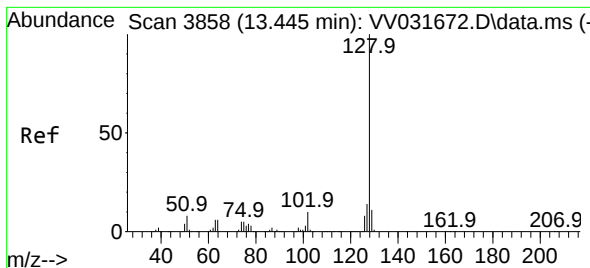
Ion Ratio Lower Upper

180 100

182 97.7 76.6 114.8

145 34.4 25.4 38.2





#71

Naphthalene

Concen: 7.072 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD010240

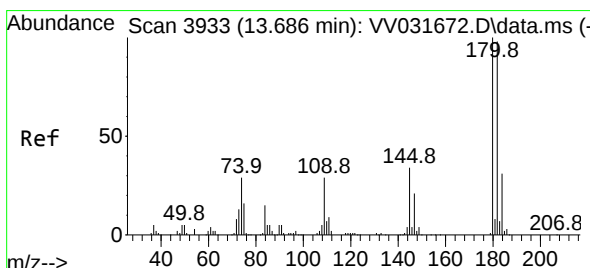
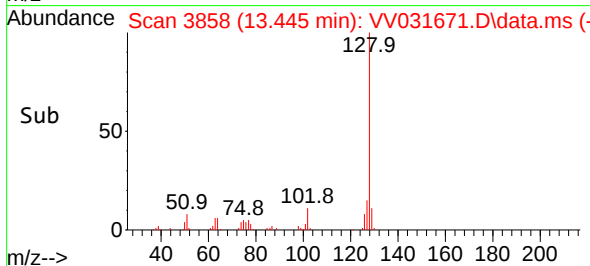
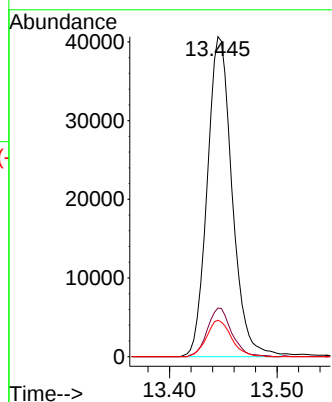
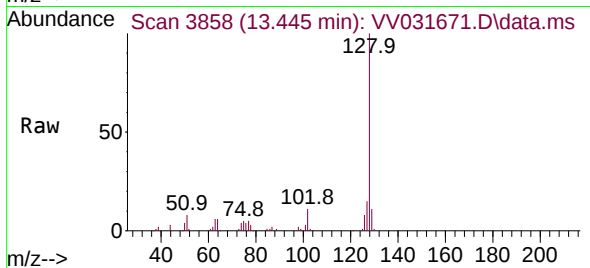
Tgt Ion:128 Resp: 65432

Ion Ratio Lower Upper

128 100

127 14.8 11.0 16.4

129 11.3 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 7.846 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.000 min

Lab File: VV031671.D

Acq: 11 Jul 2023 10:56

Tgt Ion:180 Resp: 29318

Ion Ratio Lower Upper

180 100

182 98.4 76.7 115.1

145 35.2 27.7 41.5

