

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW053023\
 Data File : VW031269.D
 Acq On : 30 May 2023 15:34
 Operator : SY/MD
 Sample : VSTD01050
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010250

Quant Time: May 31 04:56:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR053023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 31 04:54:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	125213	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	125512	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	71578	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	111258	8.364	ug/L	0.00
7) Chloroethane-d5	1.536	69	115312	10.622	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	58270	10.304	ug/L	0.00
20) 2-Butanone-d5	3.815	46	417889	134.684	ug/L	0.00
24) Chloroform-d	4.259	84	273608	10.119	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	147507	10.850	ug/L	0.00
32) Benzene-d6	4.970	84	507467	9.859	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	176288	10.134	ug/L	0.00
41) Toluene-d8	7.249	98	463778	10.328	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	62032	11.138	ug/L	0.00
46) 2-Hexanone-d5	8.034	63	320213	134.986	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	134502	10.643	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	158820	9.458	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	194684	13.390	ug/L	99
3) Chloromethane	1.217	50	182866	11.589	ug/L	100
5) Vinyl chloride	1.285	62	186641	12.269	ug/L	99
6) Bromomethane	1.491	94	104991	13.314	ug/L	99
8) Chloroethane	1.552	64	113760	13.566	ug/L	95
9) Trichlorofluoromethane	1.716	101	283104	13.346	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	155705	13.743	ug/L	98
12) 1,1-Dichloroethene	2.073	96	131546	14.180	ug/L	95
13) Acetone	2.150	43	339406	144.671	ug/L	97
14) Carbon disulfide	2.243	76	407557	14.585	ug/L	98
15) Methyl Acetate	2.391	43	60152	12.514	ug/L	98
16) Methylene chloride	2.452	84	141663	10.036	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	304387	12.489	ug/L	99
18) trans-1,2-Dichloroethene	2.700	96	128230	12.883	ug/L	99
19) 1,1-Dichloroethane	3.118	63	281019	11.709	ug/L	98
21) 2-Butanone	3.896	43	444447	146.369	ug/L	97
22) cis-1,2-Dichloroethene	3.822	96	137985	12.276	ug/L	98
23) Bromochloromethane	4.156	128	60784	12.233	ug/L	91
25) Chloroform	4.288	83	296309	11.977	ug/L	100
27) 1,2-Dichloroethane	5.050	62	173782	12.513	ug/L	97
29) 1,1,1-Trichloroethane	4.523	97	244959	10.425	ug/L	99
30) Cyclohexane	4.593	56	252698	13.299	ug/L	98
31) Carbon tetrachloride	4.745	117	221141	10.841	ug/L	98
33) Benzene	5.018	78	575506	11.967	ug/L	100
34) Trichloroethene	5.841	95	148433	11.483	ug/L	99
35) Methylcyclohexane	6.060	83	244193	13.383	ug/L	98
37) 1,2-Dichloropropane	6.101	63	157830	11.335	ug/L	100
38) Bromodichloromethane	6.439	83	193709	11.203	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	219045	13.210	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	962708	139.177	ug/L	99
42) Toluene	7.323	91	605267	12.796	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	183219	12.787	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053023\
 Data File : VV031269.D
 Acq On : 30 May 2023 15:34
 Operator : SY/MD
 Sample : VSTD01050
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

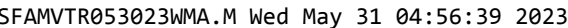
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010250

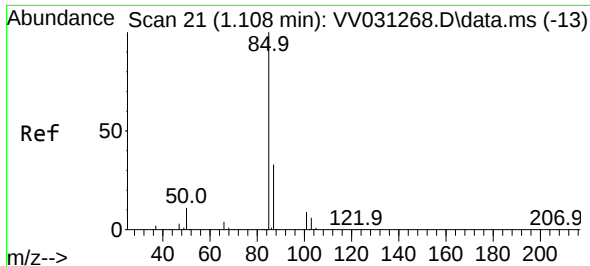
Quant Time: May 31 04:56:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR053023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 31 04:54:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.777	97	102281	12.187	ug/L	99
47) Tetrachloroethene	7.912	164	112099	11.795	ug/L	94
48) 2-Hexanone	8.085	43	751975	137.372	ug/L	98
49) Dibromochloromethane	8.185	129	117609	11.308	ug/L	100
50) 1,2-Dibromoethane	8.291	107	96334	11.979	ug/L	96
51) Chlorobenzene	8.822	112	355815	11.457	ug/L	99
52) Ethylbenzene	8.953	91	663238	12.546	ug/L	98
53) m,p-Xylene	9.079	106	237610	12.211	ug/L	97
54) o-Xylene	9.487	106	226847	12.239	ug/L	98
55) Styrene	9.503	104	414380	12.640	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	123069	11.474	ug/L	99
59) Bromoform	9.674	173	64445	10.777	ug/L	98
60) Isopropylbenzene	9.876	105	647797	12.046	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	87963	10.980	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	536253	12.267	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	562402	12.578	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	288447	11.168	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	291670	11.209	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	270801	11.172	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	20624	11.582	ug/L #	91
69) 1,3,5-Trichlorobenzene	12.590	180	214401	10.421	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	170129	10.656	ug/L	99
71) Naphthalene	13.445	128	252611	10.576	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	154618	11.273	ug/L	99

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

Quant Time: May 31 04:56:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR053023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 31 04:54:18 2023
Response via : Initial Calibration

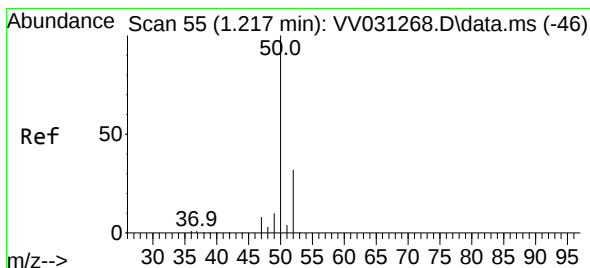
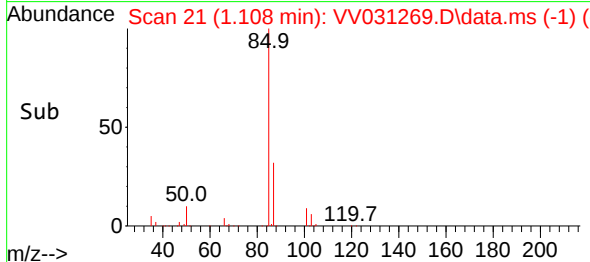
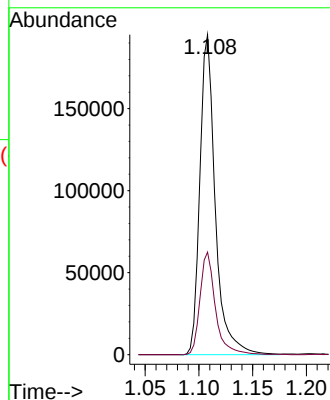
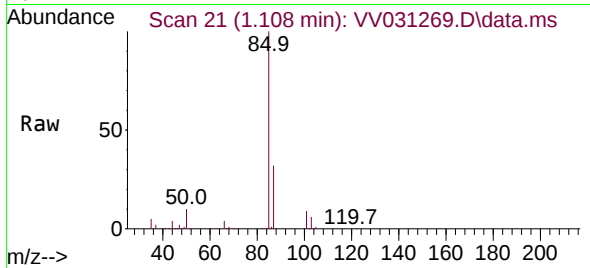




#2
 Dichlorodifluoromethane
 Concen: 13.390 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031269.D
 Acq: 30 May 2023 15:34

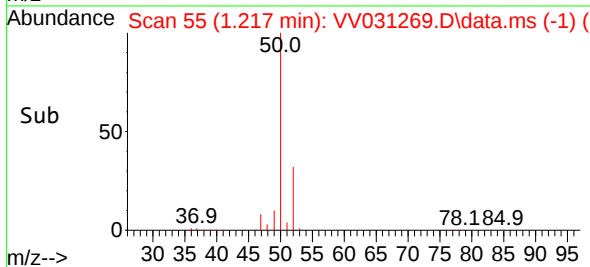
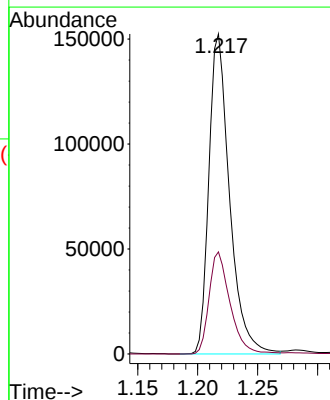
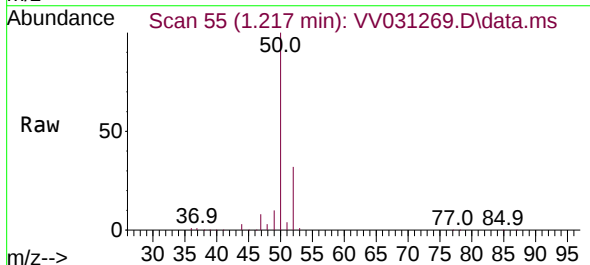
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010250

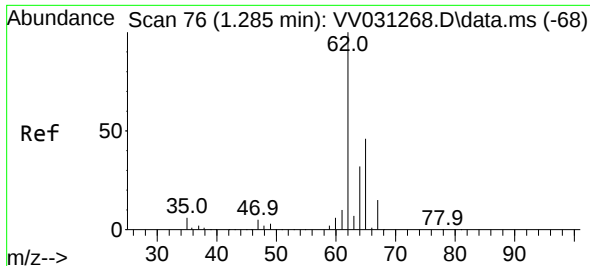
Tgt Ion: 85 Resp: 194684
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.1 39.1



#3
 Chloromethane
 Concen: 11.589 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031269.D
 Acq: 30 May 2023 15:34

Tgt Ion: 50 Resp: 182866
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.3 41.5

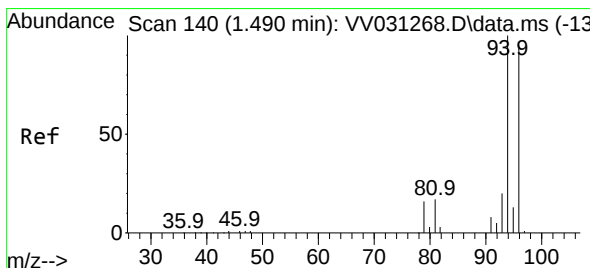
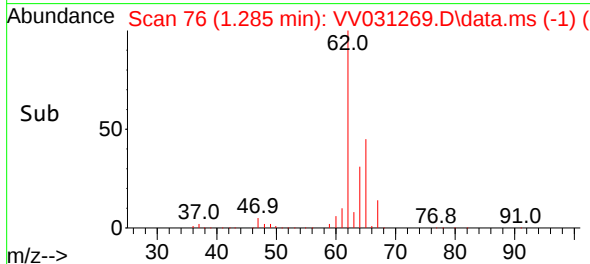
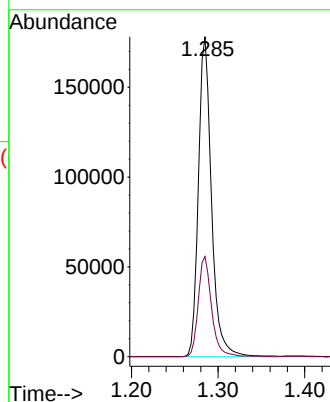
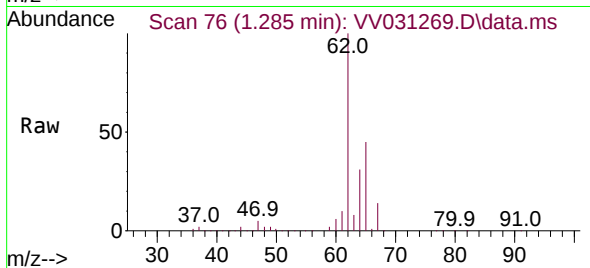




#5
 Vinyl chloride
 Concen: 12.269 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV031269.D
 Acq: 30 May 2023 15:34

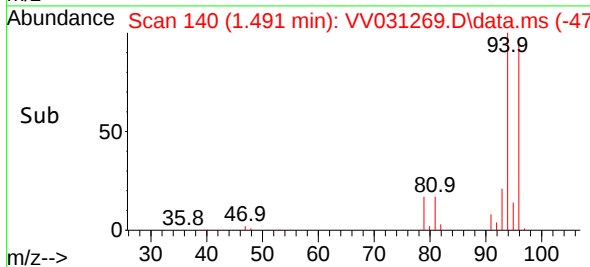
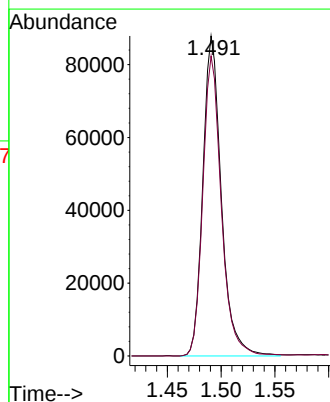
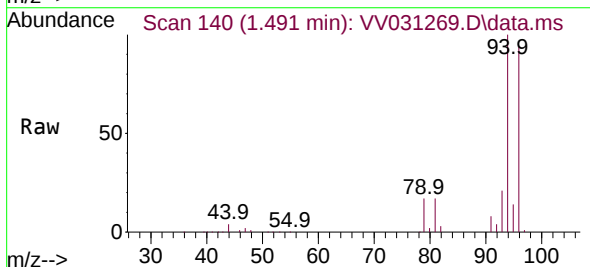
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010250

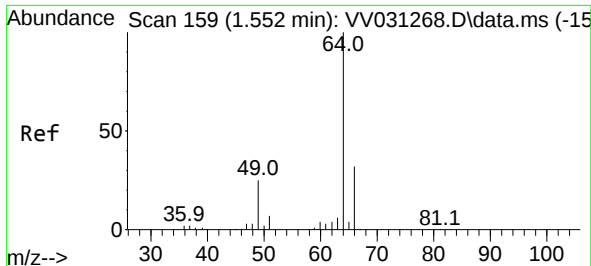
Tgt Ion: 62 Resp: 186641
 Ion Ratio Lower Upper
 62 100
 64 31.3 22.5 41.7



#6
 Bromomethane
 Concen: 13.314 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV031269.D
 Acq: 30 May 2023 15:34

Tgt Ion: 94 Resp: 104991
 Ion Ratio Lower Upper
 94 100
 96 93.7 66.3 123.1

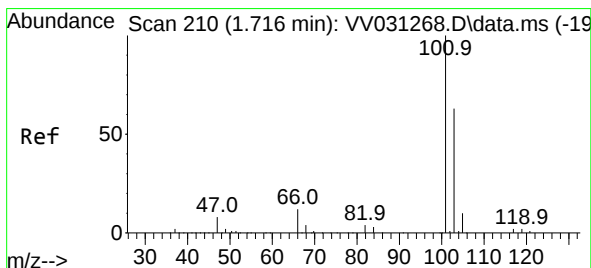
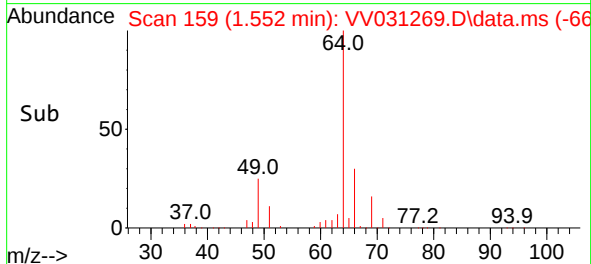
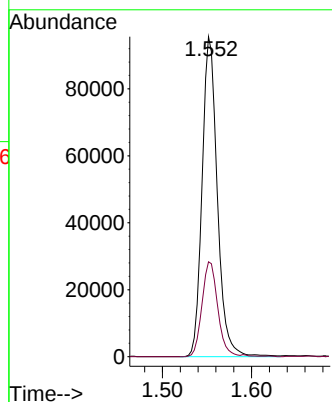
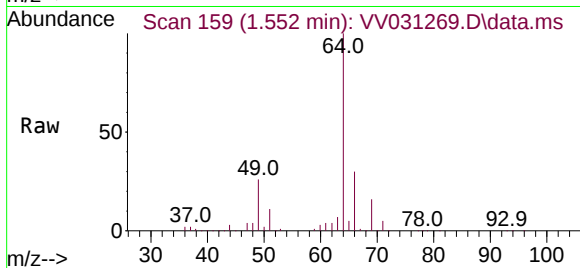




#8
Chloroethane
Concen: 13.566 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

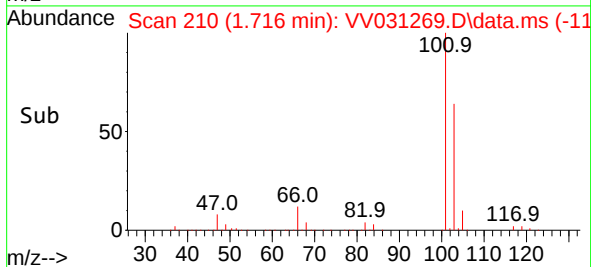
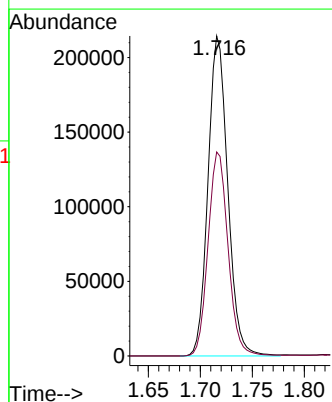
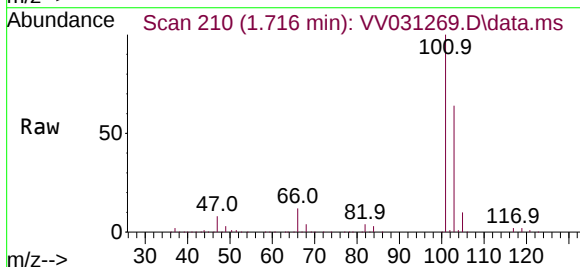
Instrument :
MSVOA_V
ClientSampleId :
VSTD010250

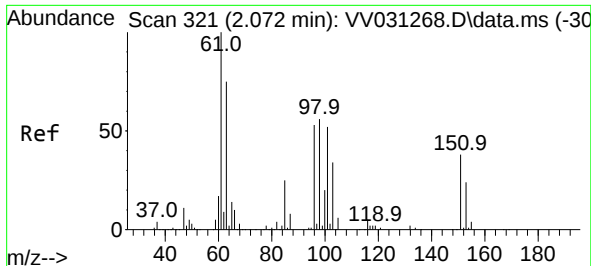
Tgt Ion: 64 Resp: 113760
Ion Ratio Lower Upper
64 100
66 29.6 22.5 41.9



#9
Trichlorofluoromethane
Concen: 13.346 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

Tgt Ion:101 Resp: 283104
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.6

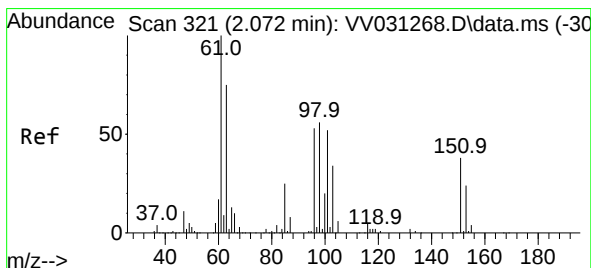
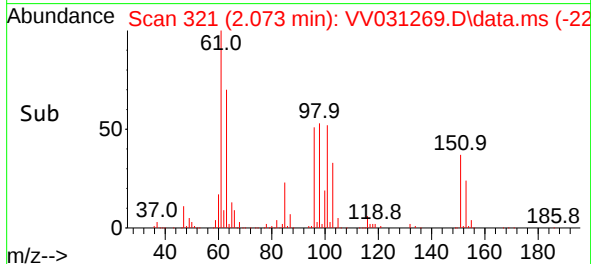
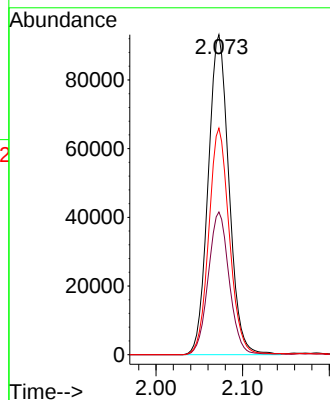
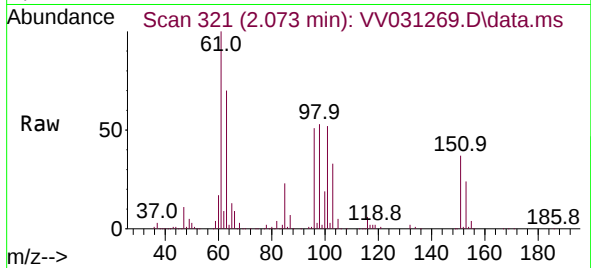




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 13.743 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV031269.D
 Acq: 30 May 2023 15:34

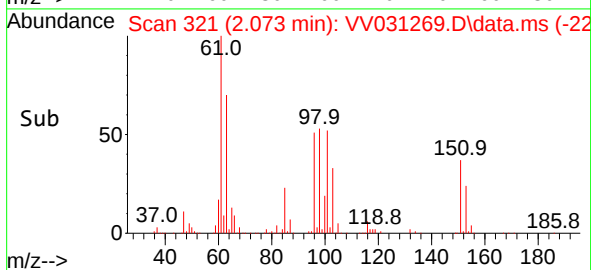
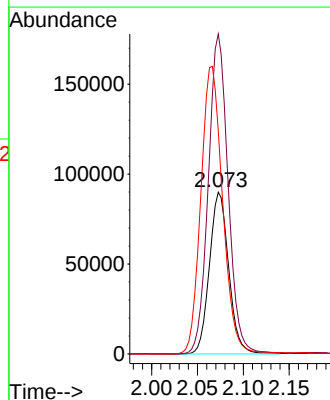
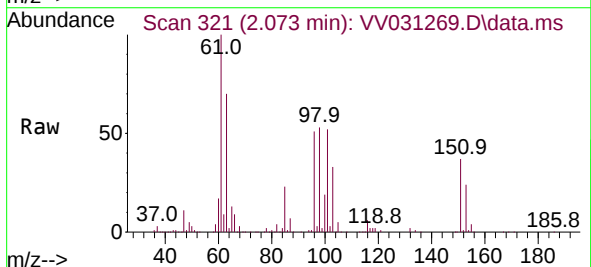
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010250

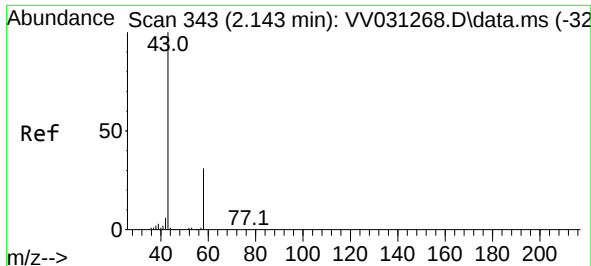
Tgt Ion:101 Resp: 155705
 Ion Ratio Lower Upper
 101 100
 85 44.8 36.6 55.0
 151 70.0 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 14.180 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV031269.D
 Acq: 30 May 2023 15:34

Tgt Ion: 96 Resp: 131546
 Ion Ratio Lower Upper
 96 100
 61 197.9 132.9 246.9
 63 137.9 100.4 186.6





#13

Acetone

Concen: 144.671 ug/L

RT: 2.150 min Scan# 34

Delta R.T. 0.007 min

Lab File: VV031269.D

Acq: 30 May 2023 15:34

Instrument :

MSVOA_V

ClientSampleId :

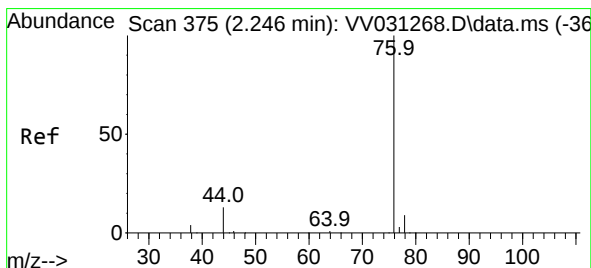
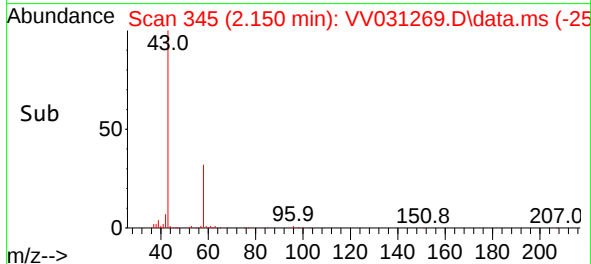
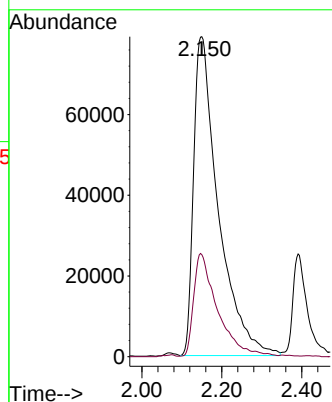
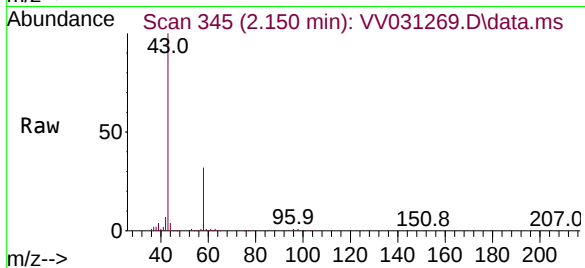
VSTD010250

Tgt Ion: 43 Resp: 339406

Ion Ratio Lower Upper

43 100

58 30.1 0.0 64.0



#14

Carbon disulfide

Concen: 14.585 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.003 min

Lab File: VV031269.D

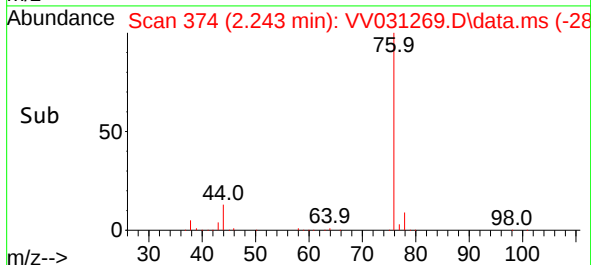
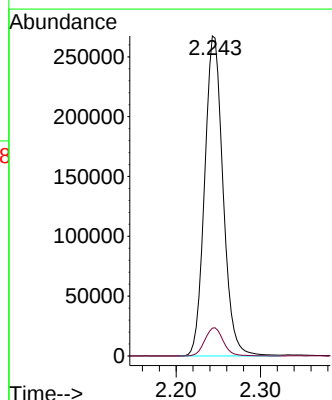
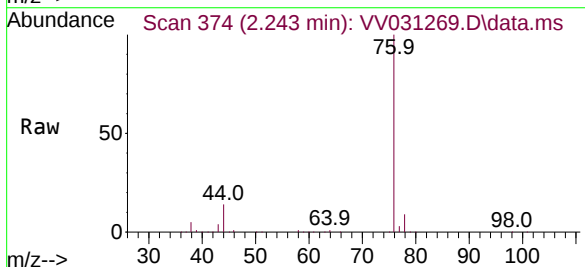
Acq: 30 May 2023 15:34

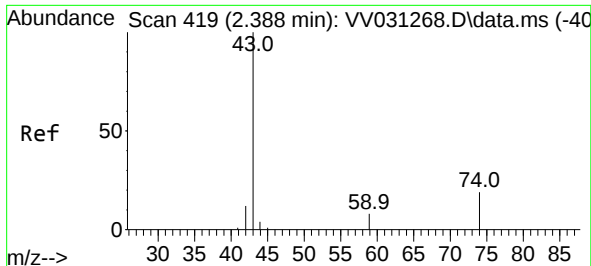
Tgt Ion: 76 Resp: 407557

Ion Ratio Lower Upper

76 100

78 8.7 7.6 11.4

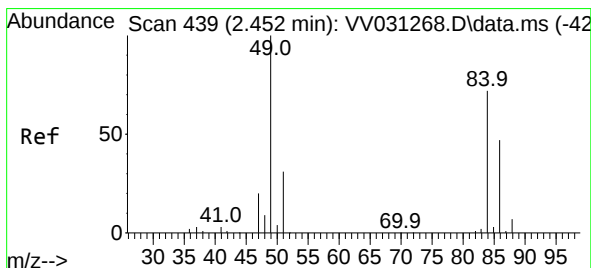
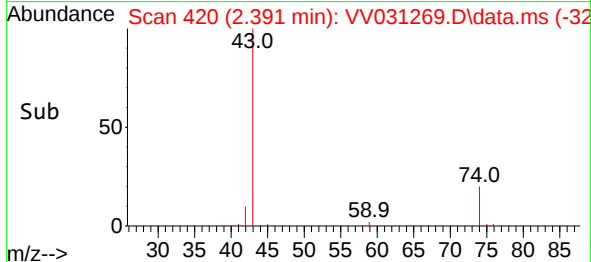
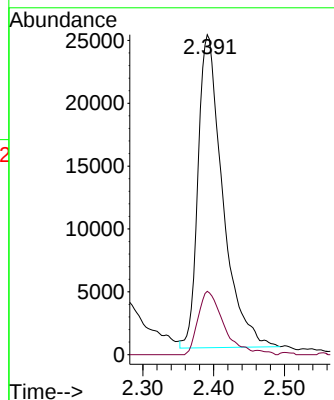
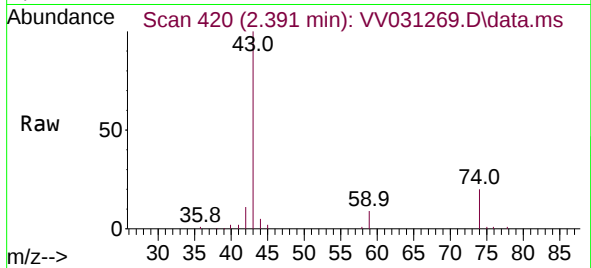




#15
Methyl Acetate
Concen: 12.514 ug/L
RT: 2.391 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

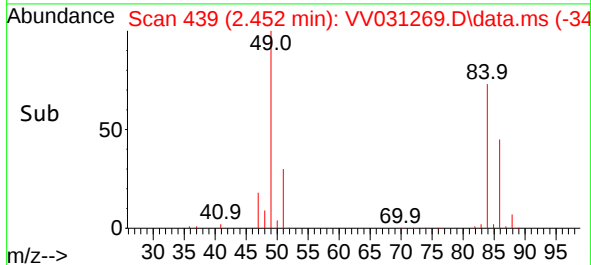
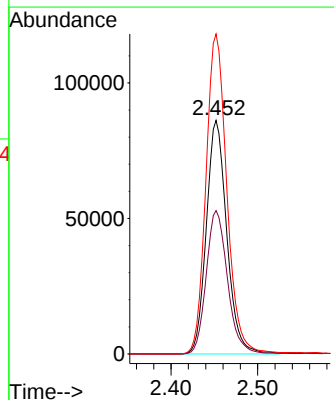
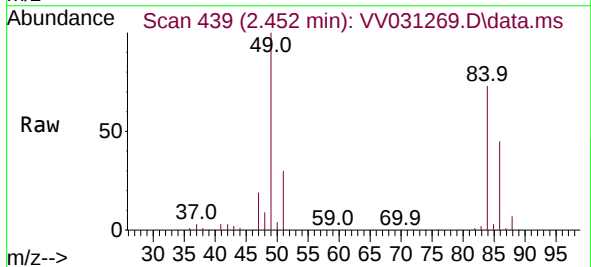
Instrument :
MSVOA_V
ClientSampleId :
VSTD010250

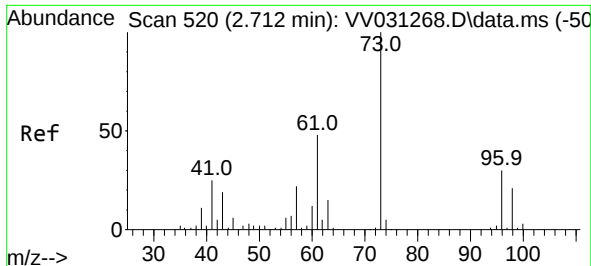
Tgt Ion: 43 Resp: 60152
Ion Ratio Lower Upper
43 100
74 20.6 17.4 26.2



#16
Methylene chloride
Concen: 10.036 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

Tgt Ion: 84 Resp: 141663
Ion Ratio Lower Upper
84 100
86 61.4 45.1 83.9
49 136.9 97.0 180.2





#17

Methyl tert-butyl Ether

Concen: 12.489 ug/L

RT: 2.712 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV031269.D

Acq: 30 May 2023 15:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD010250

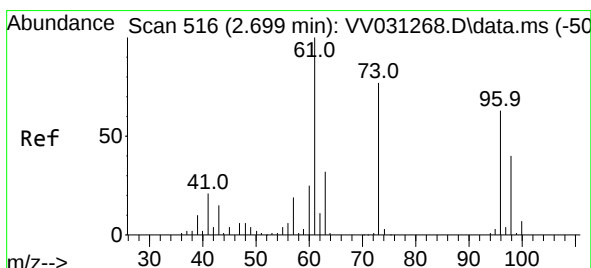
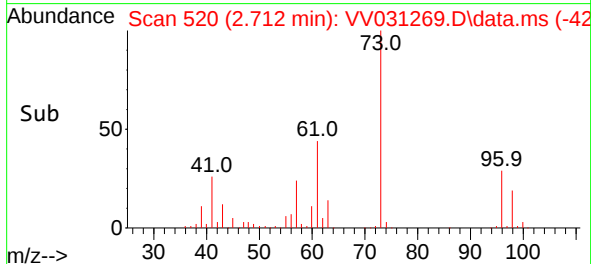
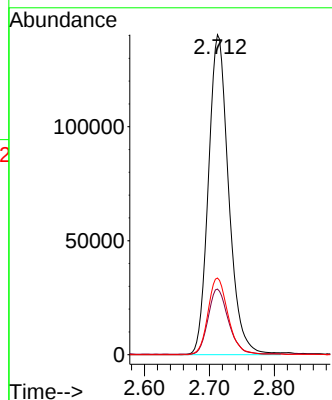
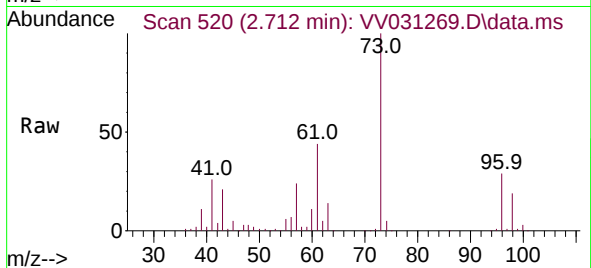
Tgt Ion: 73 Resp: 304387

Ion Ratio Lower Upper

73 100

43 20.4 15.8 23.6

57 23.8 19.0 28.4



#18

trans-1,2-Dichloroethene

Concen: 12.883 ug/L

RT: 2.700 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV031269.D

Acq: 30 May 2023 15:34

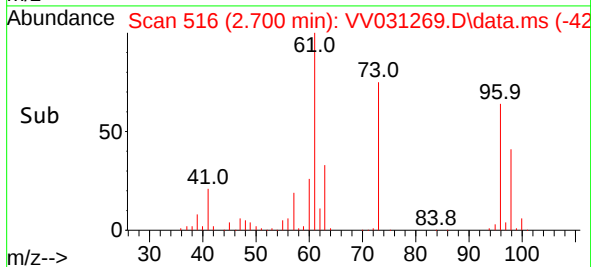
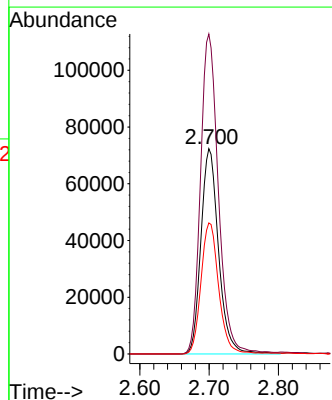
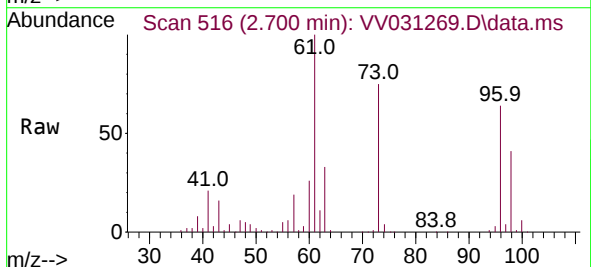
Tgt Ion: 96 Resp: 128230

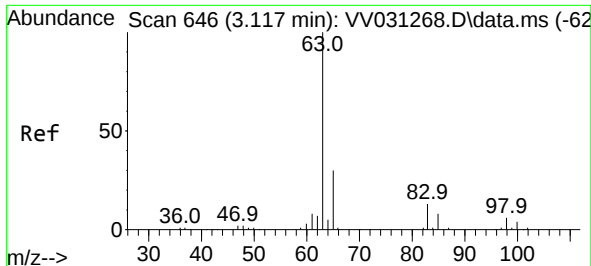
Ion Ratio Lower Upper

96 100

61 155.9 110.7 205.5

98 63.8 44.6 82.8





#19

1,1-Dichloroethane

Concen: 11.709 ug/L

RT: 3.118 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV031269.D

Acq: 30 May 2023 15:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD010250

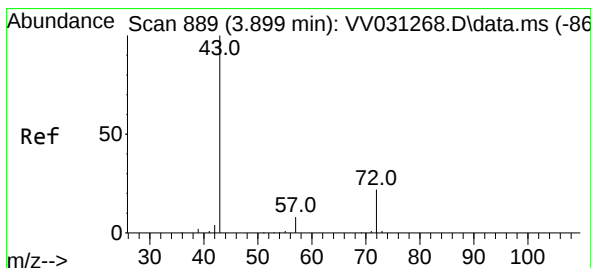
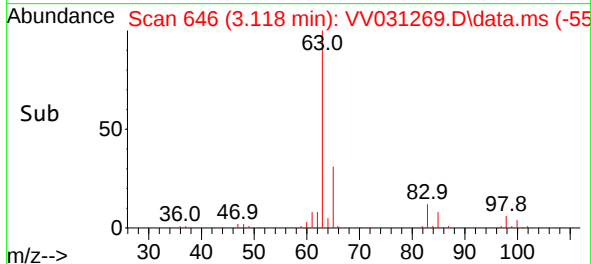
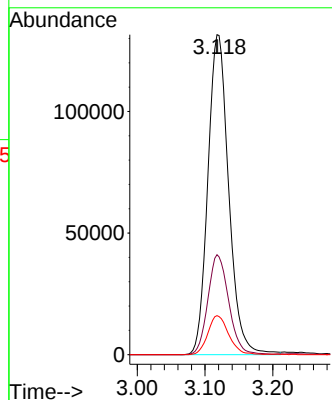
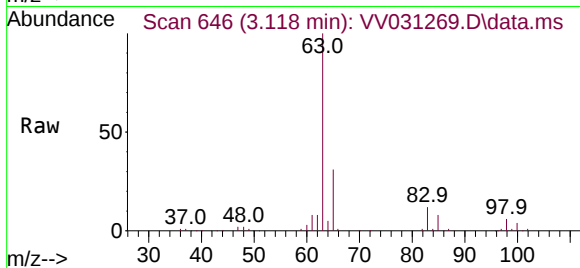
Tgt Ion: 63 Resp: 281019

Ion Ratio Lower Upper

63 100

65 31.3 20.9 38.9

83 12.2 9.1 16.9



#21

2-Butanone

Concen: 146.369 ug/L

RT: 3.896 min Scan# 888

Delta R.T. -0.003 min

Lab File: VV031269.D

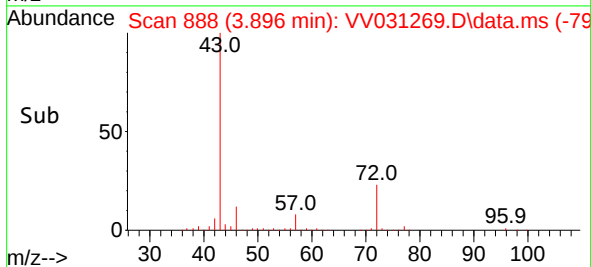
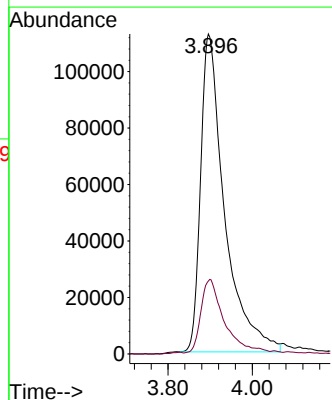
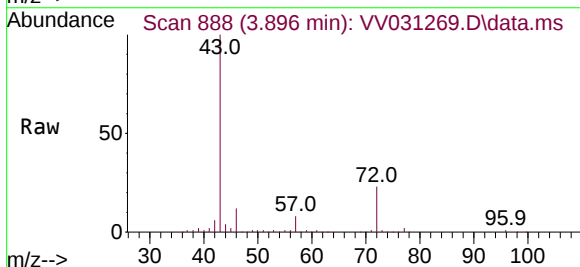
Acq: 30 May 2023 15:34

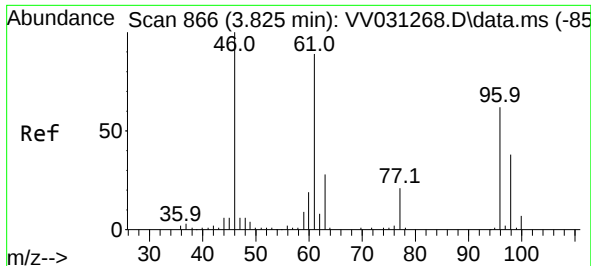
Tgt Ion: 43 Resp: 444447

Ion Ratio Lower Upper

43 100

72 22.6 10.6 31.8



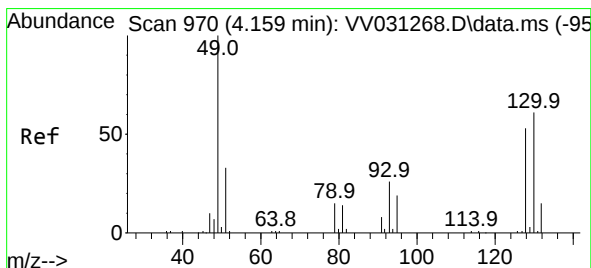
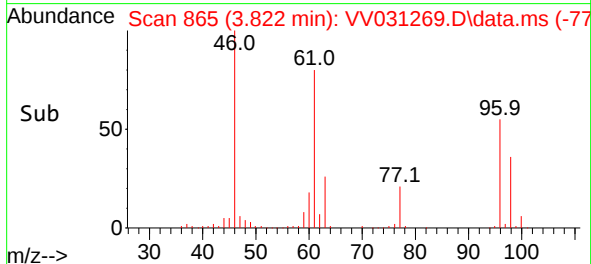
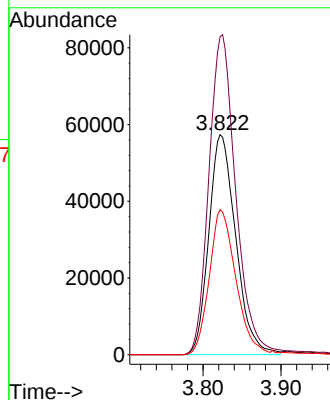
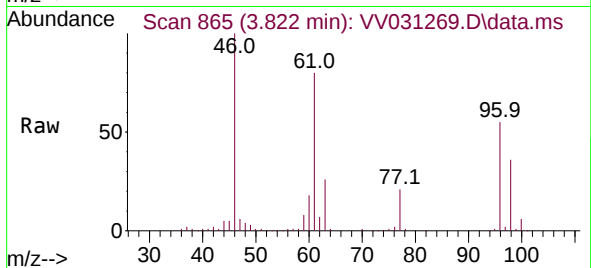


#22
 cis-1,2-Dichloroethene
 Concen: 12.276 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. -0.003 min
 Lab File: VV031269.D
 Acq: 30 May 2023 15:34

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010250

Tgt Ion: 96 Resp: 137985

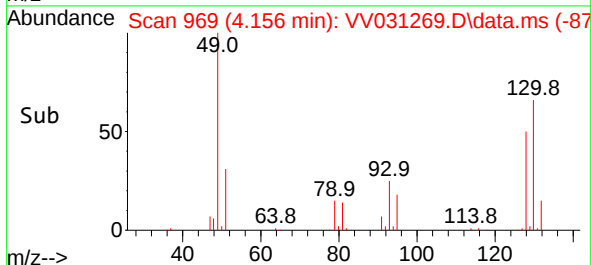
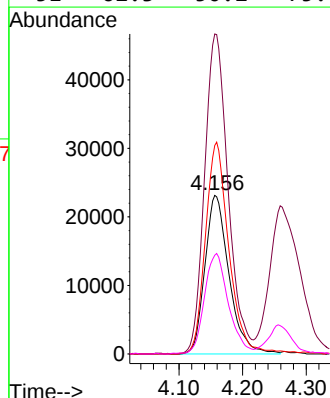
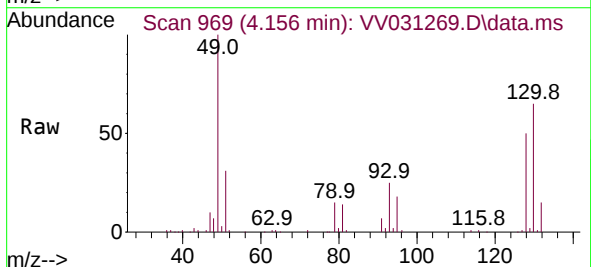
Ion	Ratio	Lower	Upper
96	100		
61	144.5	100.5	186.7
98	65.9	42.9	79.7

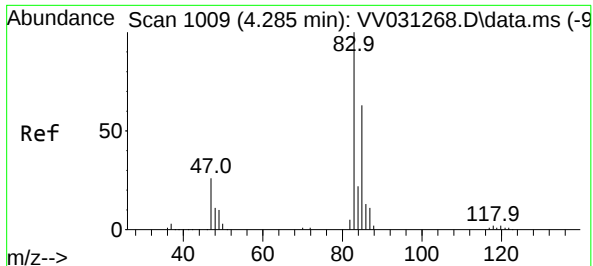


#23
 Bromochloromethane
 Concen: 12.233 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. -0.003 min
 Lab File: VV031269.D
 Acq: 30 May 2023 15:34

Tgt Ion:128 Resp: 60784

Ion	Ratio	Lower	Upper
128	100		
49	201.8	132.5	246.1
130	131.4	80.9	150.3
51	62.3	50.2	75.4





#25

Chloroform

Concen: 11.977 ug/L

RT: 4.288 min Scan# 1009

Delta R.T. 0.003 min

Lab File: VV031269.D

Acq: 30 May 2023 15:34

Instrument :

MSVOA_V

ClientSampleId :

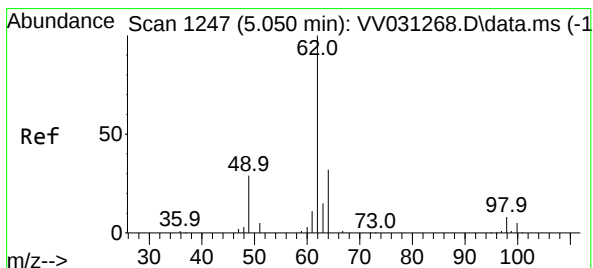
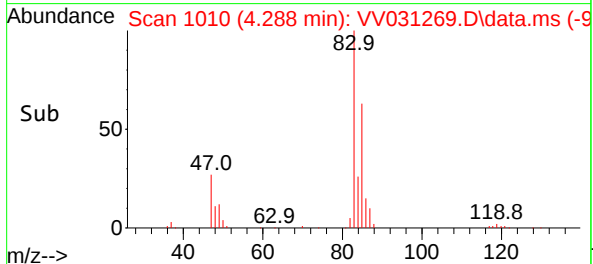
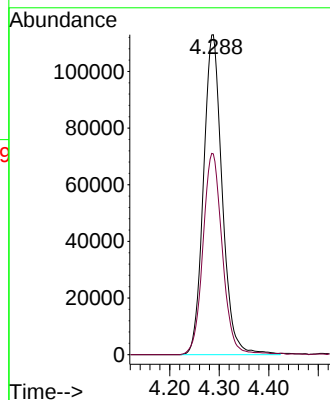
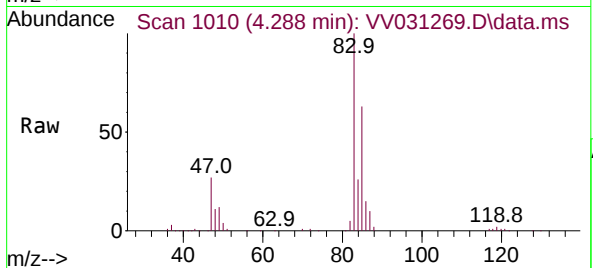
VSTD010250

Tgt Ion: 83 Resp: 296309

Ion Ratio Lower Upper

83 100

85 62.7 44.0 81.6



#27

1,2-Dichloroethane

Concen: 12.513 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.000 min

Lab File: VV031269.D

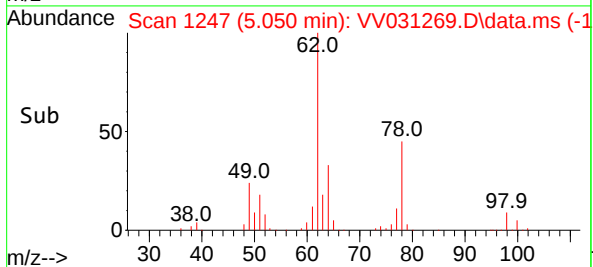
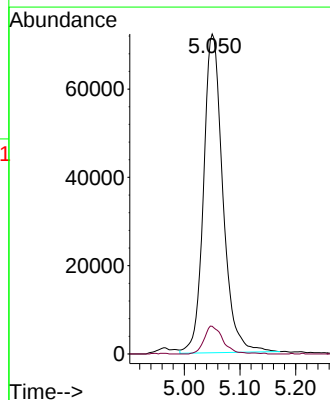
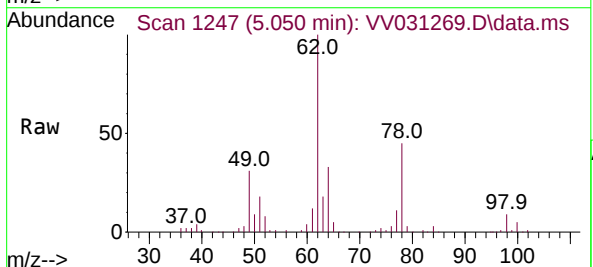
Acq: 30 May 2023 15:34

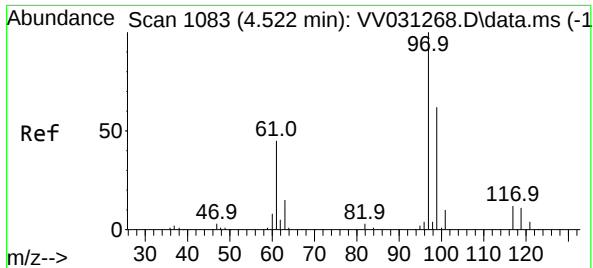
Tgt Ion: 62 Resp: 173782

Ion Ratio Lower Upper

62 100

98 8.6 6.1 9.1

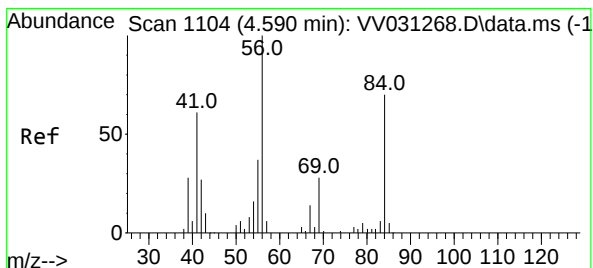
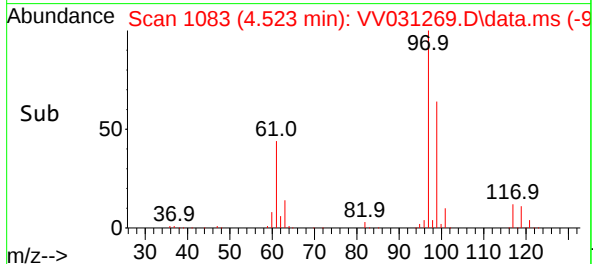
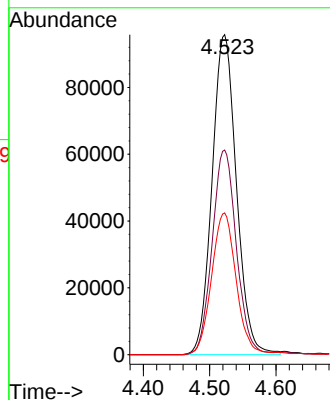
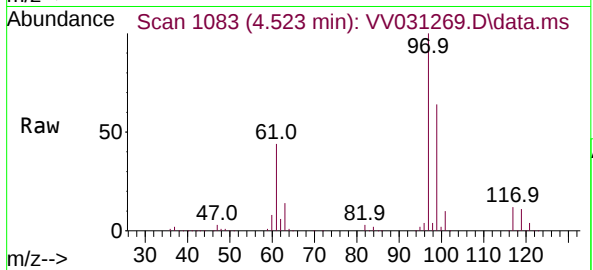




#29
1,1,1-Trichloroethane
Concen: 10.425 ug/L
RT: 4.523 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

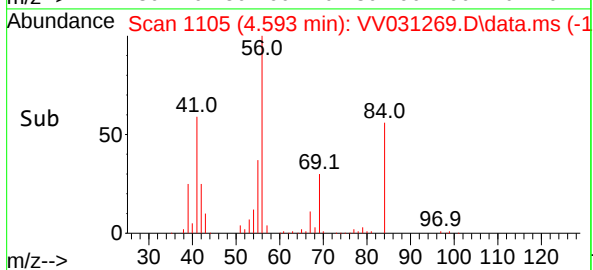
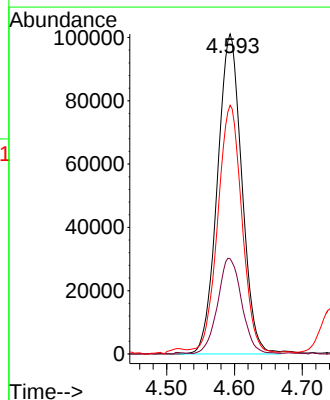
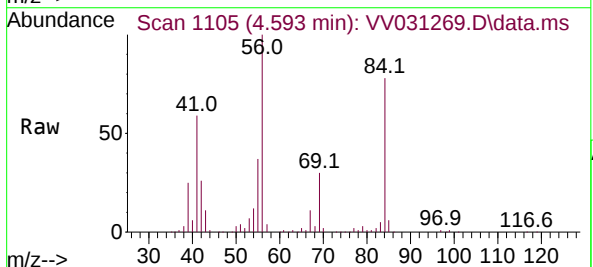
Instrument :
MSVOA_V
ClientSampleId :
VSTD010250

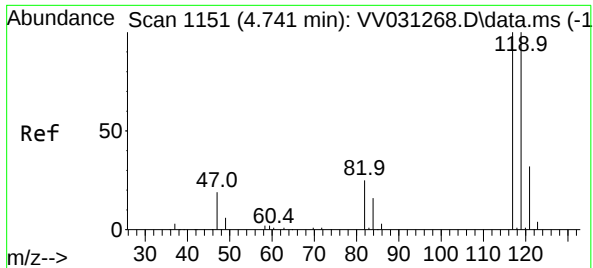
Tgt Ion: 97 Resp: 244959
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.2
61 44.6 36.2 54.4



#30
Cyclohexane
Concen: 13.299 ug/L
RT: 4.593 min Scan# 1105
Delta R.T. 0.003 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

Tgt Ion: 56 Resp: 252698
Ion Ratio Lower Upper
56 100
69 29.1 23.4 35.2
84 76.7 59.6 89.4

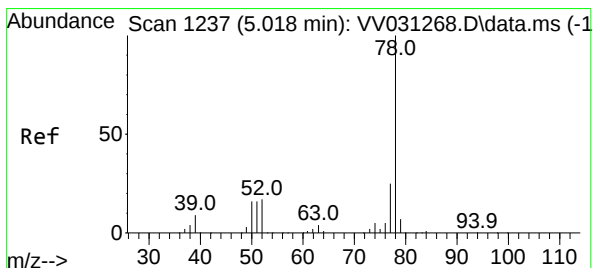
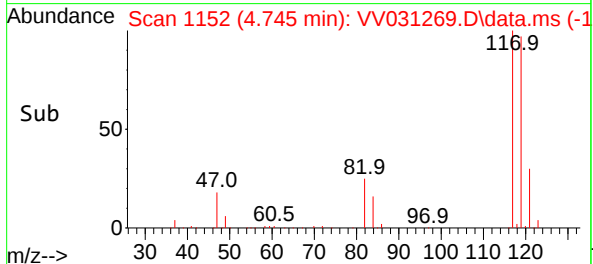
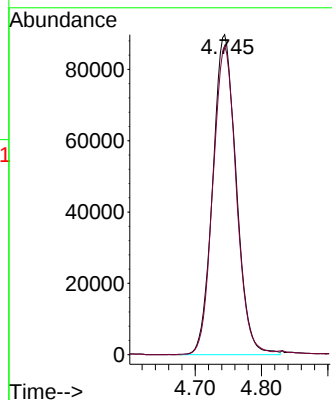
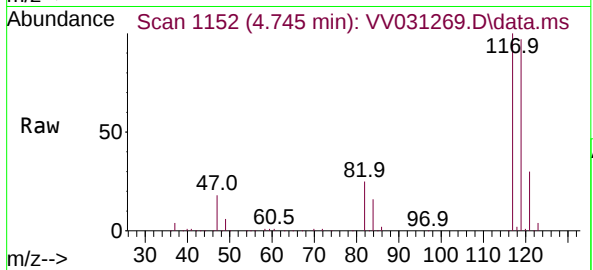




#31
Carbon tetrachloride
Concen: 10.841 ug/L
RT: 4.745 min Scan# 1151
Delta R.T. 0.003 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

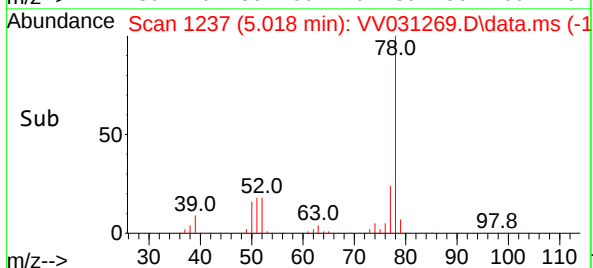
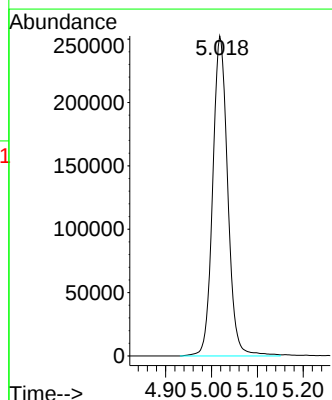
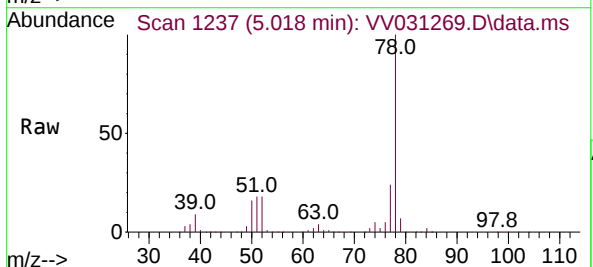
Instrument :
MSVOA_V
ClientSampleId :
VSTD010250

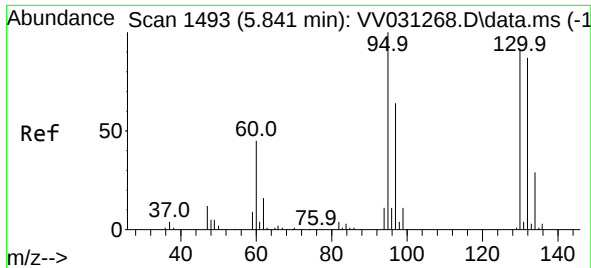
Tgt Ion:117 Resp: 221141
Ion Ratio Lower Upper
117 100
119 95.9 78.7 118.1



#33
Benzene
Concen: 11.967 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

Tgt Ion: 78 Resp: 575506

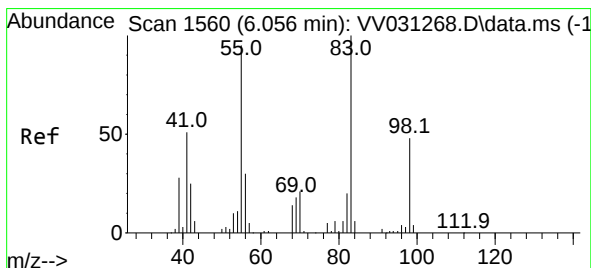
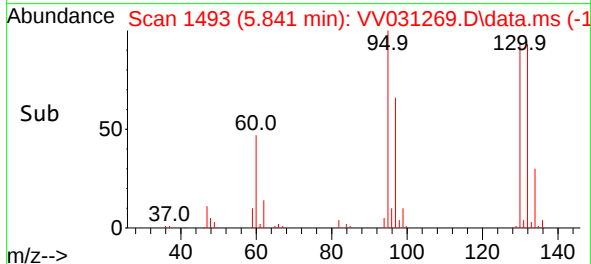
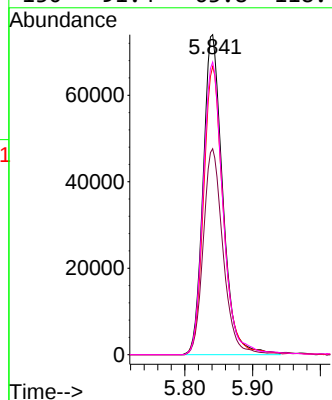
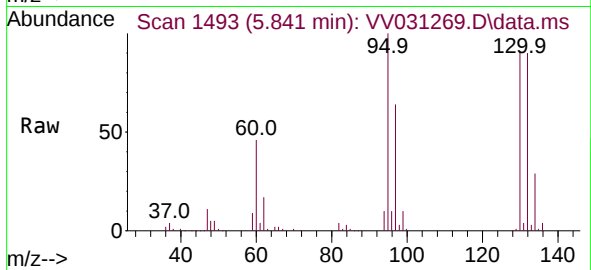




#34
Trichloroethene
Concen: 11.483 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

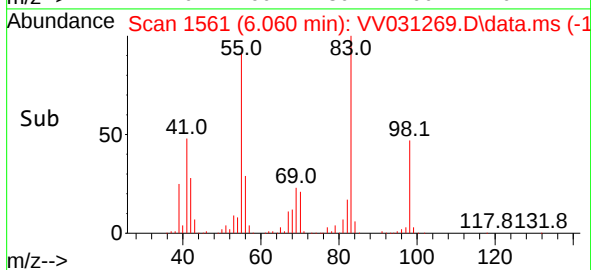
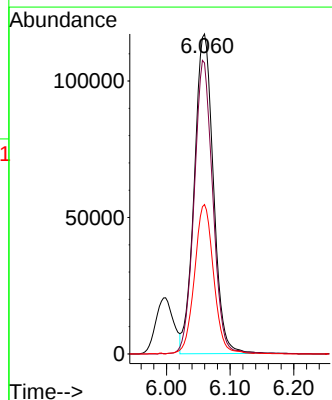
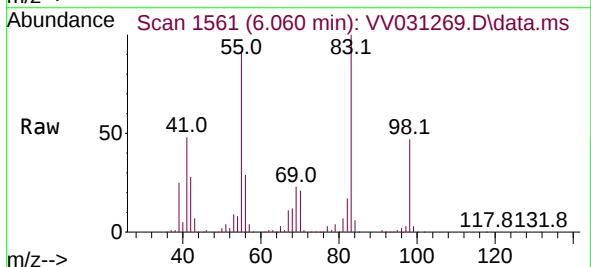
Instrument :
MSVOA_V
ClientSampleId :
VSTD010250

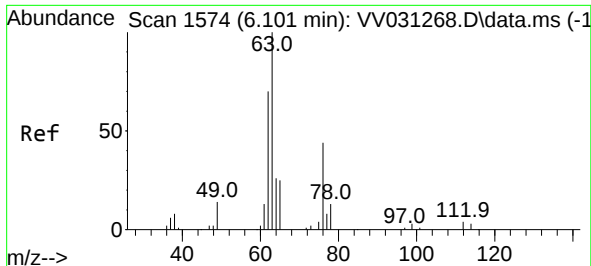
Tgt Ion: 95 Resp: 148433
Ion Ratio Lower Upper
95 100
97 64.3 44.7 83.1
132 90.0 61.1 113.5
130 91.4 63.8 118.4



#35
Methylcyclohexane
Concen: 13.383 ug/L
RT: 6.060 min Scan# 1561
Delta R.T. 0.003 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

Tgt Ion: 83 Resp: 244193
Ion Ratio Lower Upper
83 100
55 89.9 72.6 108.8
98 46.8 35.9 53.9





#37

1,2-Dichloropropane

Concen: 11.335 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV031269.D

Acq: 30 May 2023 15:34

Instrument :

MSVOA_V

ClientSampleId :

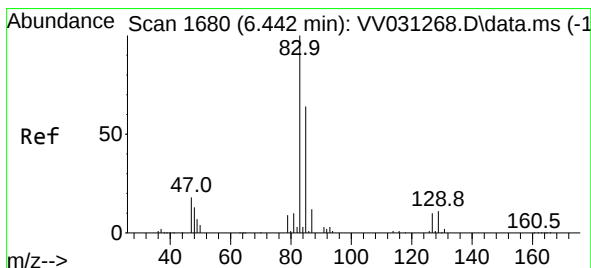
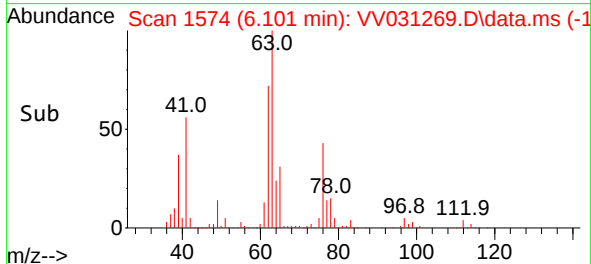
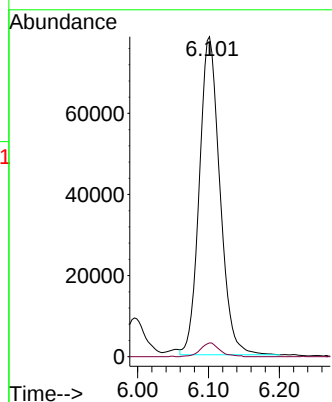
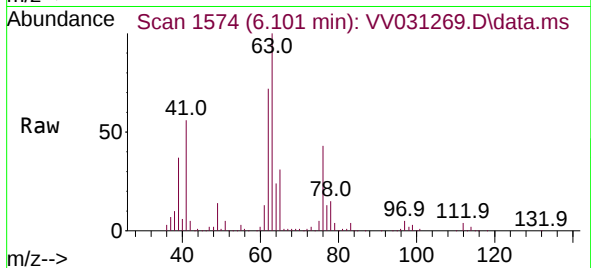
VSTD010250

Tgt Ion: 63 Resp: 157830

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 11.203 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.003 min

Lab File: VV031269.D

Acq: 30 May 2023 15:34

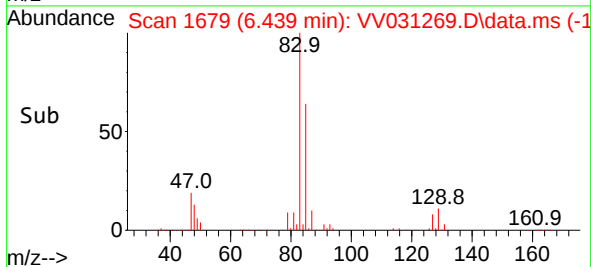
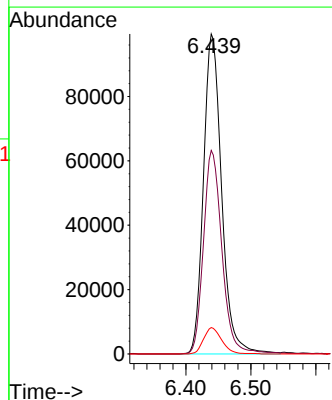
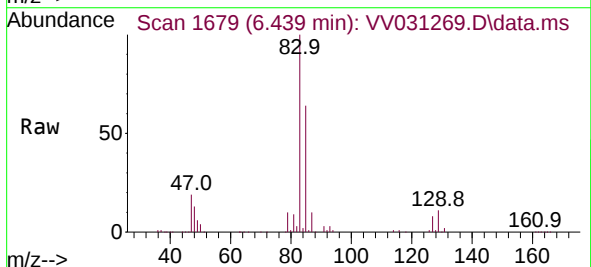
Tgt Ion: 83 Resp: 193709

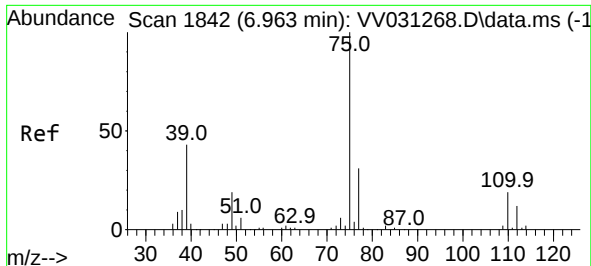
Ion Ratio Lower Upper

83 100

85 63.6 44.5 82.7

127 8.2 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 13.210 ug/L

RT: 6.963 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV031269.D

Acq: 30 May 2023 15:34

Instrument :

MSVOA_V

ClientSampleId :

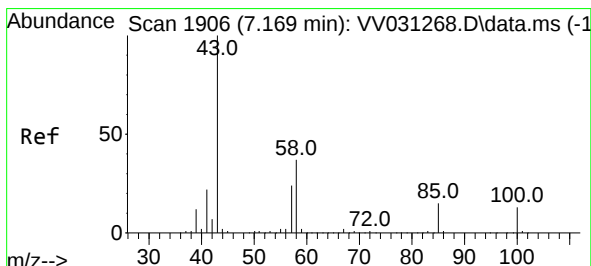
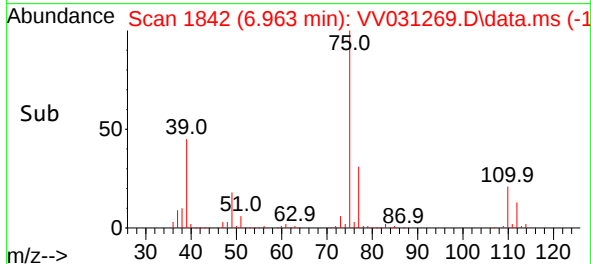
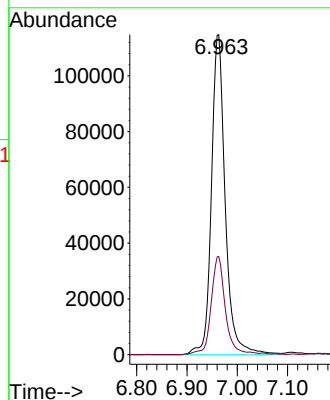
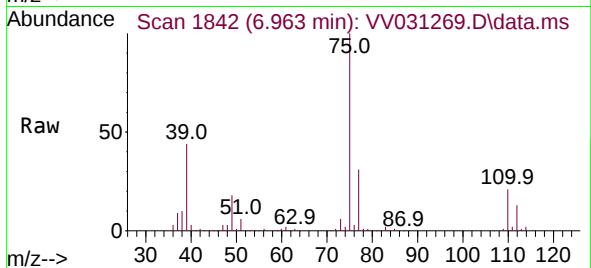
VSTD010250

Tgt Ion: 75 Resp: 219045

Ion Ratio Lower Upper

75 100

77 30.7 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 139.177 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. -0.003 min

Lab File: VV031269.D

Acq: 30 May 2023 15:34

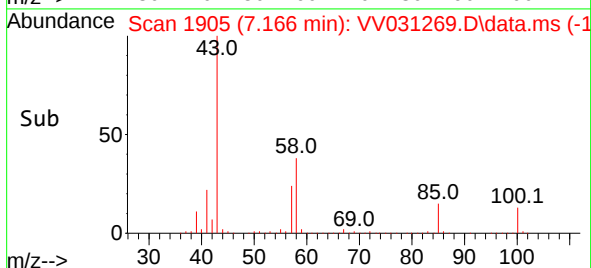
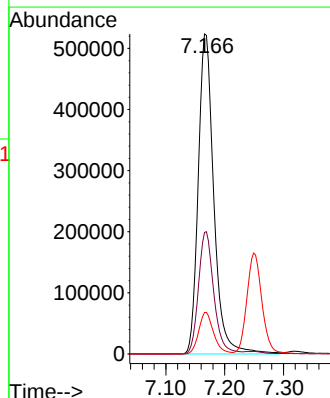
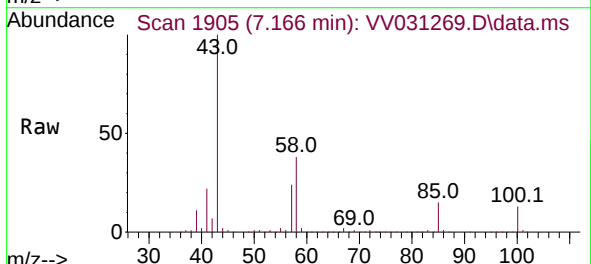
Tgt Ion: 43 Resp: 962708

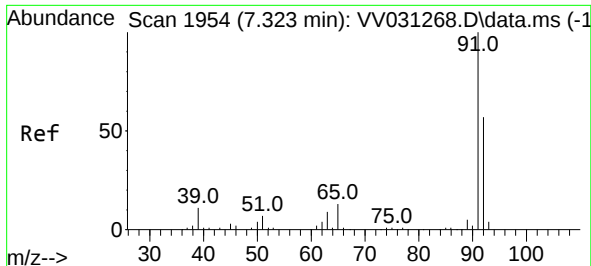
Ion Ratio Lower Upper

43 100

58 37.6 29.5 44.3

100 12.5 9.8 14.6





#42

Toluene

Concen: 12.796 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV031269.D

Acq: 30 May 2023 15:34

Instrument :

MSVOA_V

ClientSampleId :

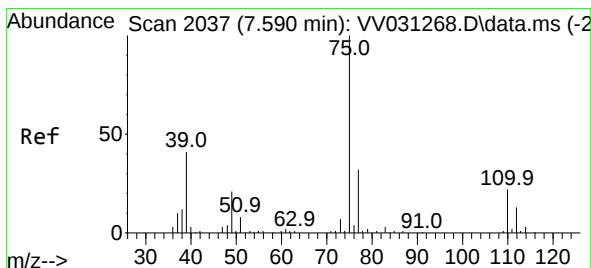
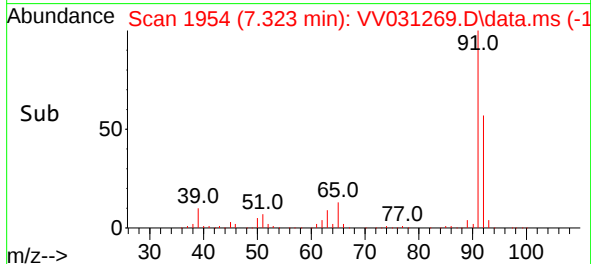
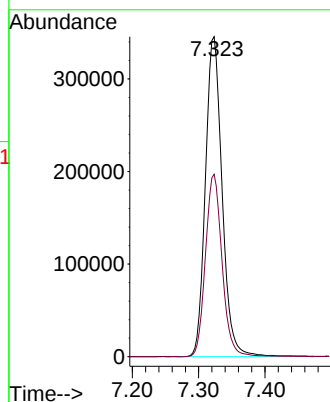
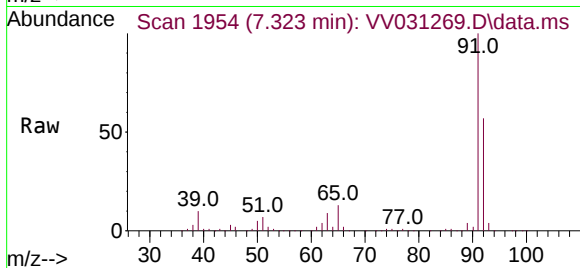
VSTD010250

Tgt Ion: 91 Resp: 605267

Ion Ratio Lower Upper

91 100

92 57.0 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 12.787 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.003 min

Lab File: VV031269.D

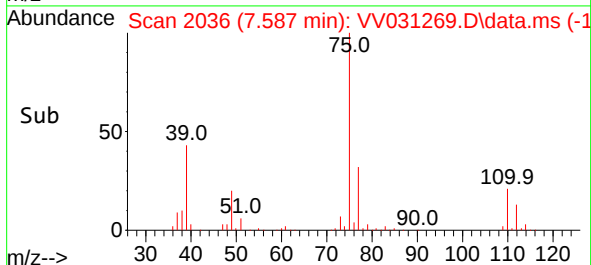
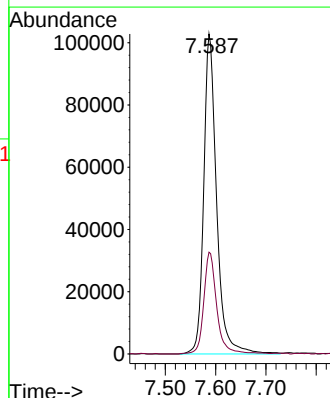
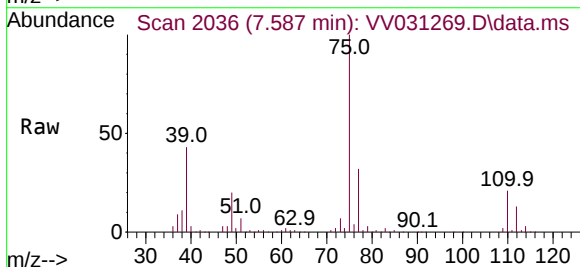
Acq: 30 May 2023 15:34

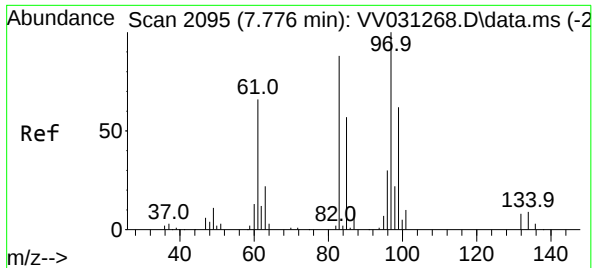
Tgt Ion: 75 Resp: 183219

Ion Ratio Lower Upper

75 100

77 31.8 22.4 41.6

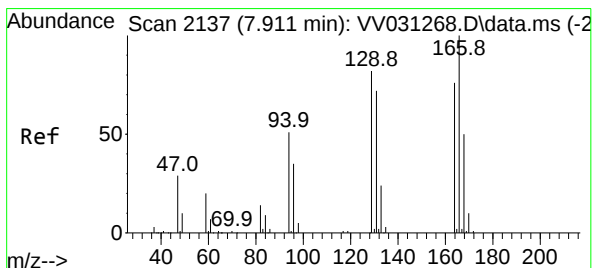
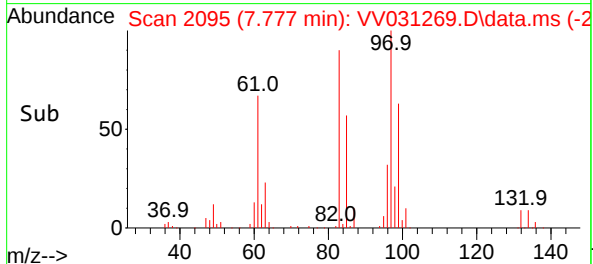
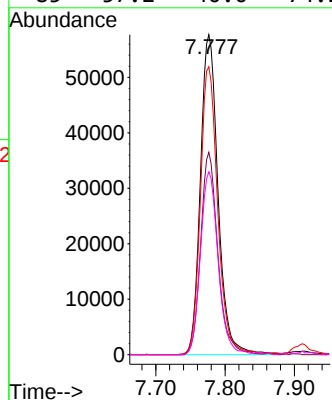
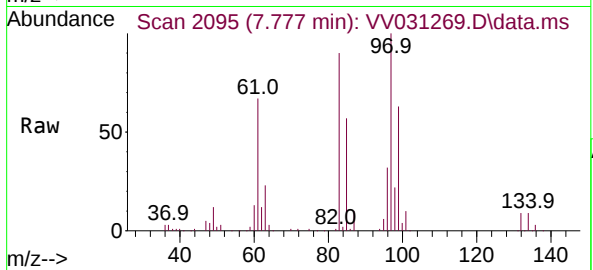




#45
1,1,2-Trichloroethane
Concen: 12.187 ug/L
RT: 7.777 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

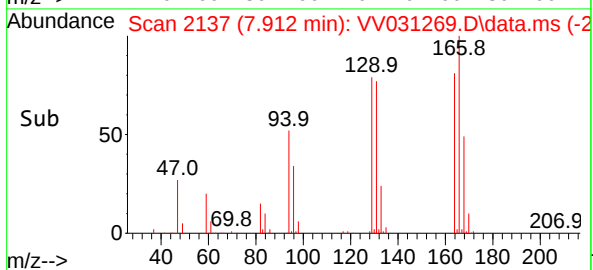
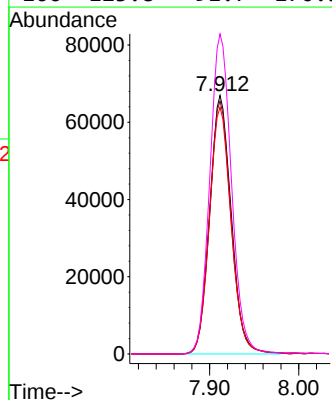
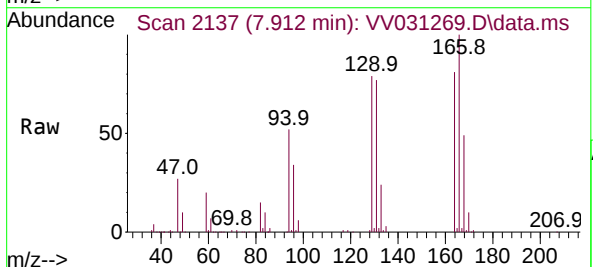
Instrument :
MSVOA_V
ClientSampleId :
VSTD010250

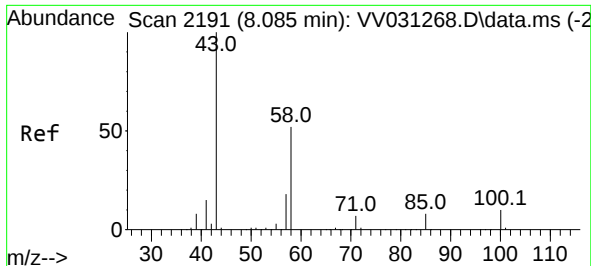
Tgt Ion:	97	Resp:	102281
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.8	81.3
83	90.0	61.8	114.8
85	57.2	40.0	74.2



#47
Tetrachloroethene
Concen: 11.795 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

Tgt Ion:	164	Resp:	112099
Ion	Ratio	Lower	Upper
164	100		
129	97.8	75.3	139.8
131	95.4	65.6	121.8
166	123.8	91.7	170.3

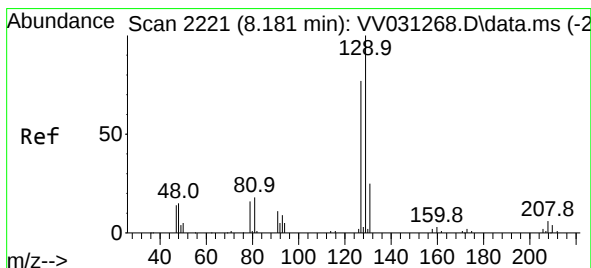
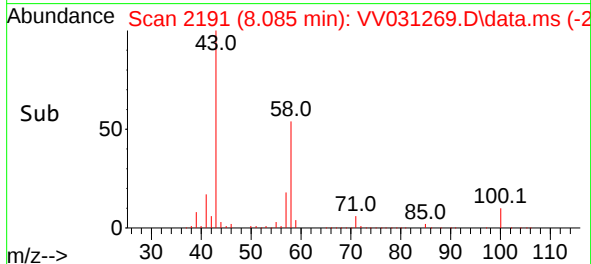
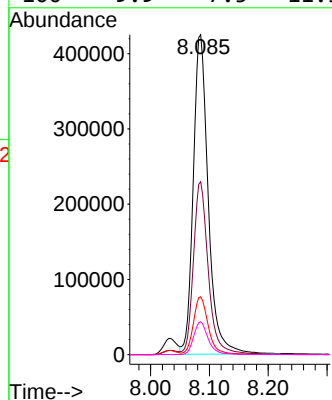
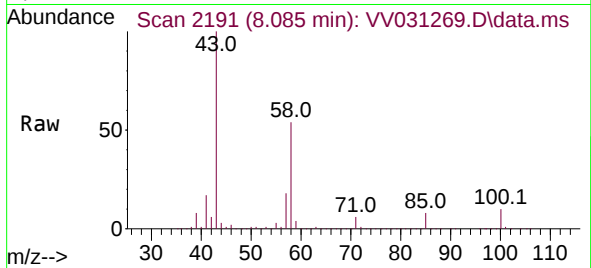




#48
2-Hexanone
Concen: 137.372 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.000 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

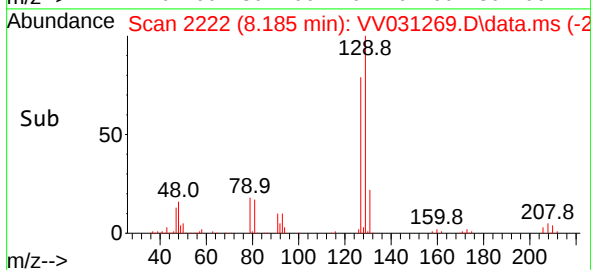
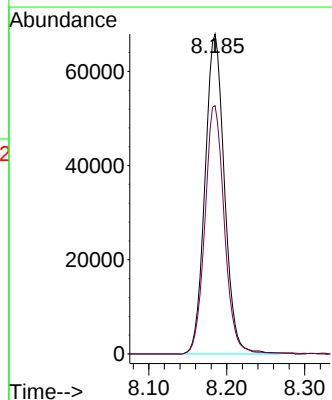
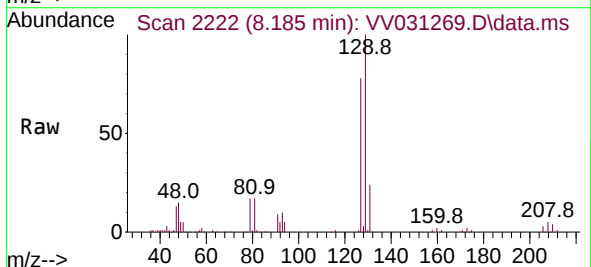
Instrument :
MSVOA_V
ClientSampleId :
VSTD010250

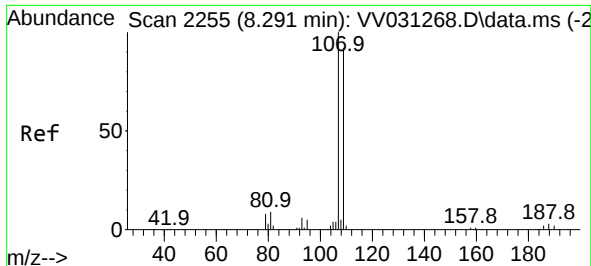
Tgt Ion:	43	Resp:	751975
Ion	Ratio	Lower	Upper
43	100		
58	53.2	41.2	61.8
57	18.1	14.1	21.1
100	9.9	7.5	11.3



#49
Dibromochloromethane
Concen: 11.308 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.003 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

Tgt Ion:	129	Resp:	117609
Ion	Ratio	Lower	Upper
129	100		
127	77.6	54.1	100.5





#50

1,2-Dibromoethane

Concen: 11.979 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031269.D

Acq: 30 May 2023 15:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD010250

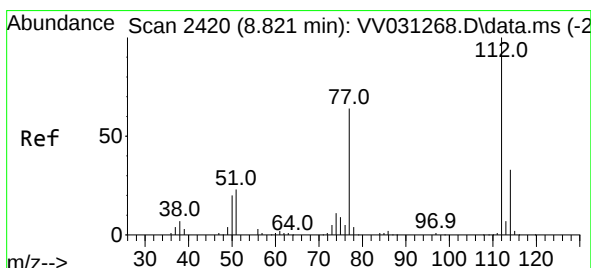
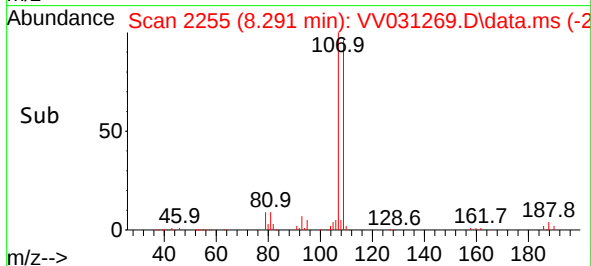
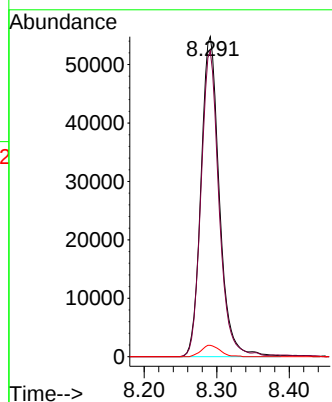
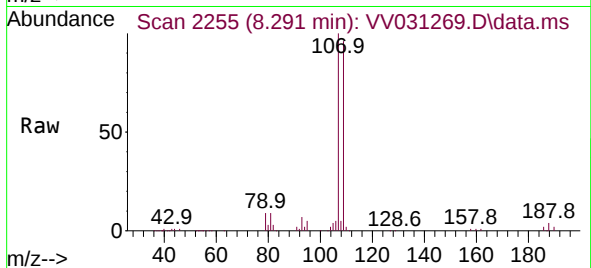
Tgt Ion:107 Resp: 96334

Ion Ratio Lower Upper

107 100

109 95.5 64.3 119.5

188 3.6 2.7 4.1



#51

Chlorobenzene

Concen: 11.457 ug/L

RT: 8.822 min Scan# 2420

Delta R.T. 0.000 min

Lab File: VV031269.D

Acq: 30 May 2023 15:34

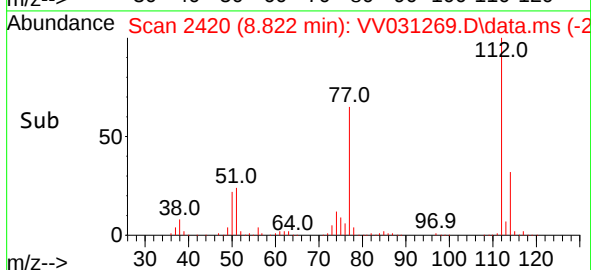
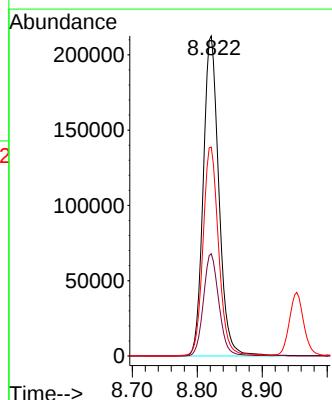
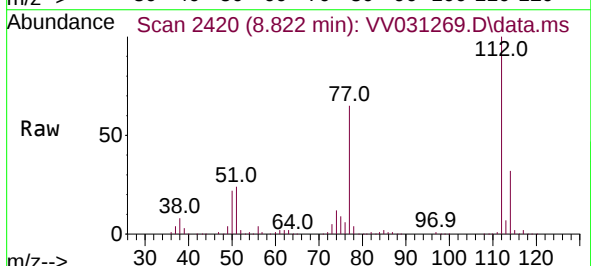
Tgt Ion:112 Resp: 355815

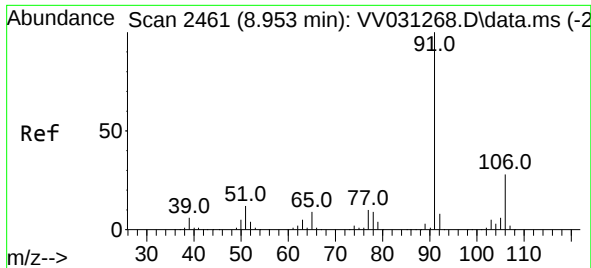
Ion Ratio Lower Upper

112 100

114 31.9 23.1 42.9

77 65.3 51.5 77.3

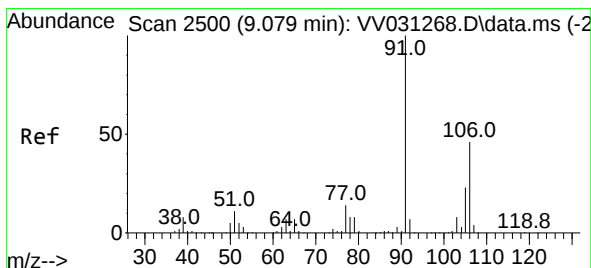
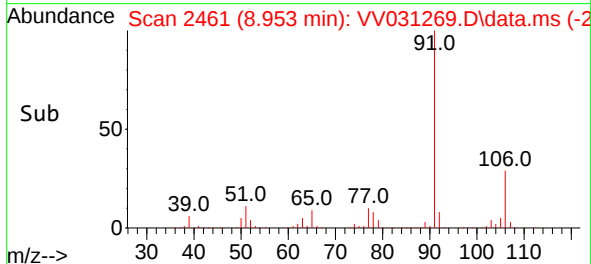
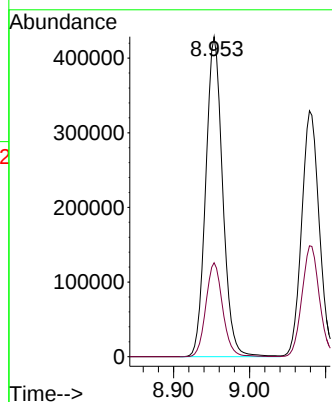
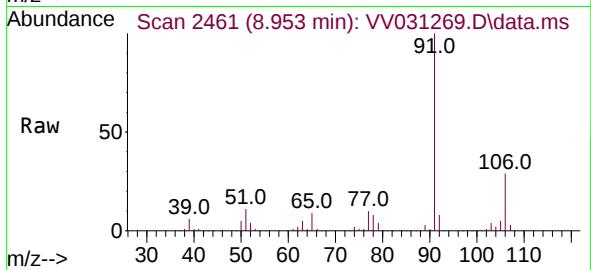




#52
Ethylbenzene
Concen: 12.546 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

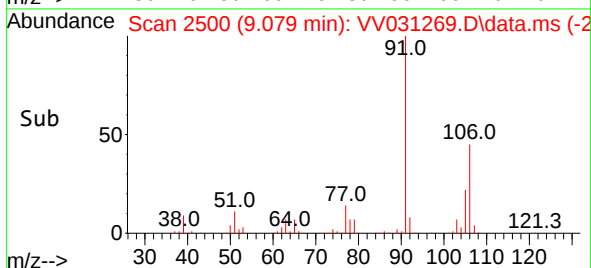
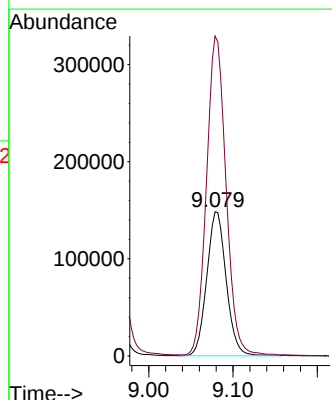
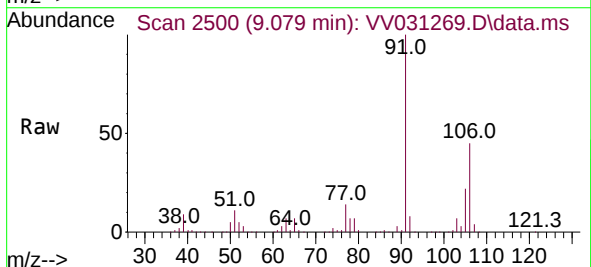
Instrument :
MSVOA_V
ClientSampleId :
VSTD010250

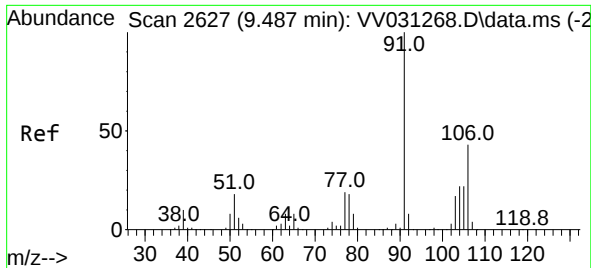
Tgt Ion: 91 Resp: 663238
Ion Ratio Lower Upper
91 100
106 29.4 19.8 36.8



#53
m,p-Xylene
Concen: 12.211 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

Tgt Ion: 106 Resp: 237610
Ion Ratio Lower Upper
106 100
91 221.9 152.3 282.9

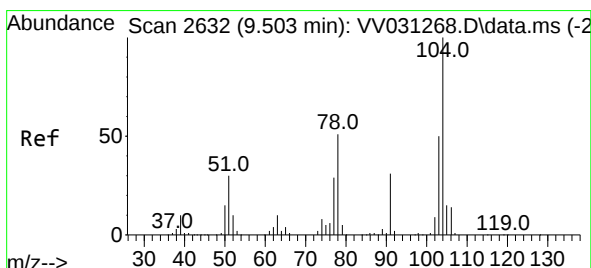
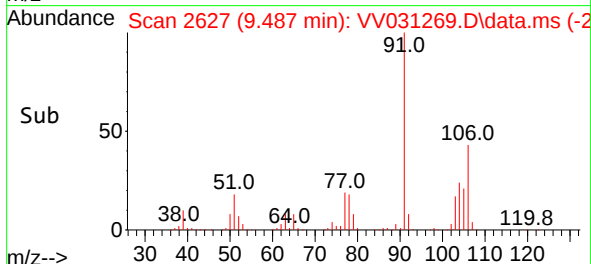
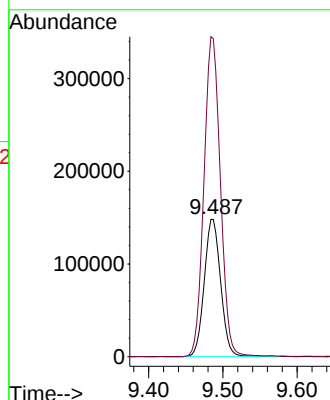
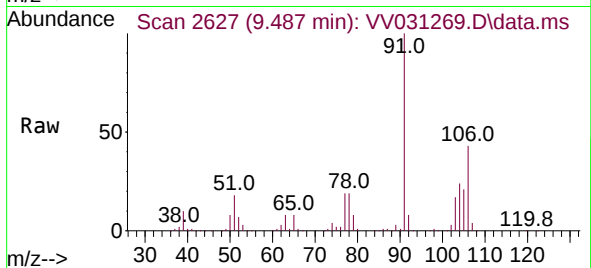




#54
o-Xylene
Concen: 12.239 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

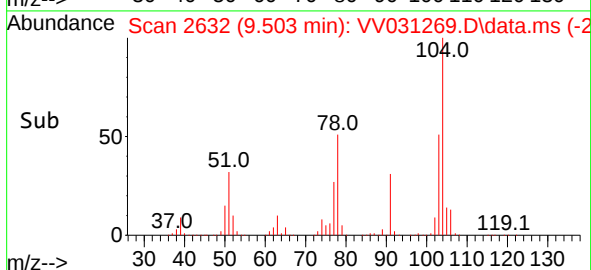
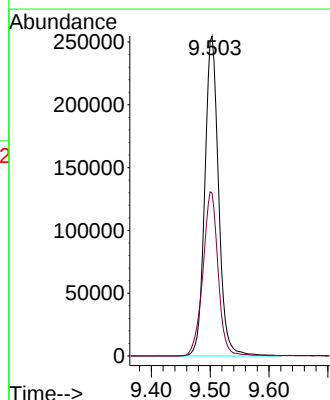
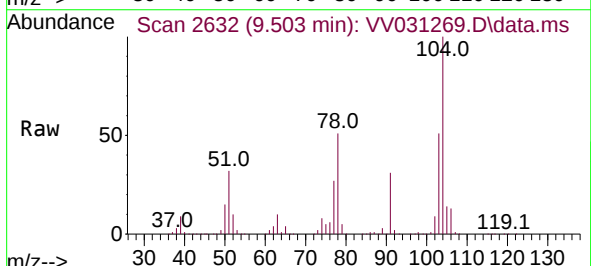
Instrument :
MSVOA_V
ClientSampleId :
VSTD010250

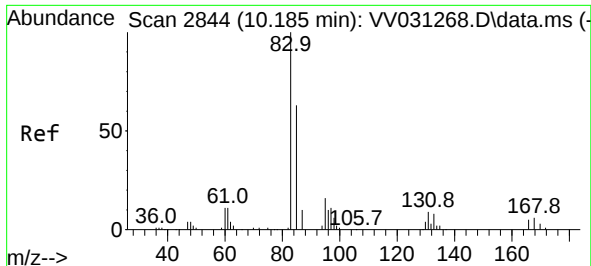
Tgt Ion:106 Resp: 226847
Ion Ratio Lower Upper
106 100
91 231.7 164.1 304.7



#55
Styrene
Concen: 12.640 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

Tgt Ion:104 Resp: 414380
Ion Ratio Lower Upper
104 100
78 50.9 35.6 66.2





#57

1,1,2,2-Tetrachloroethane

Concen: 11.474 ug/L

RT: 10.185 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VV031269.D

Acq: 30 May 2023 15:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD010250

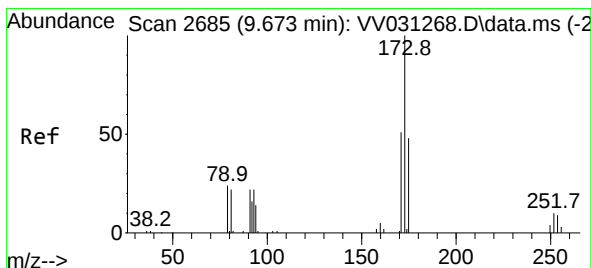
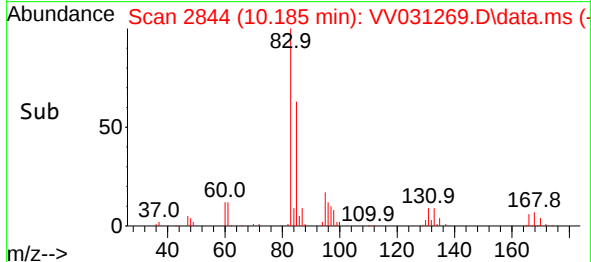
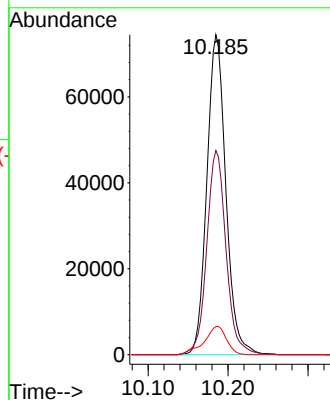
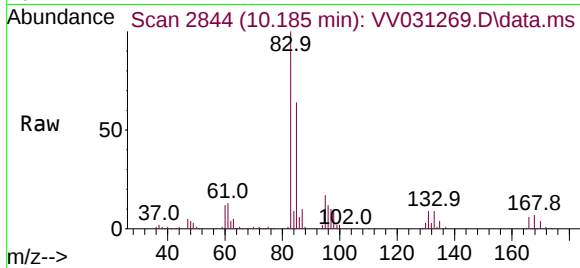
Tgt Ion: 83 Resp: 123069

Ion Ratio Lower Upper

83 100

85 63.8 43.8 81.4

131 8.8 7.0 10.6



#59

Bromoform

Concen: 10.777 ug/L

RT: 9.674 min Scan# 2685

Delta R.T. 0.000 min

Lab File: VV031269.D

Acq: 30 May 2023 15:34

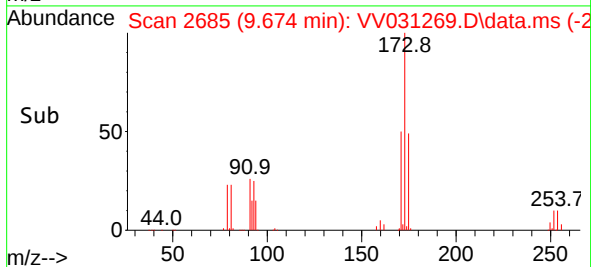
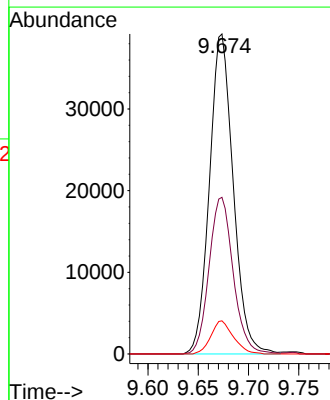
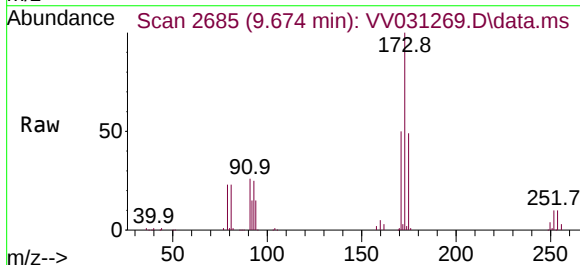
Tgt Ion: 173 Resp: 64445

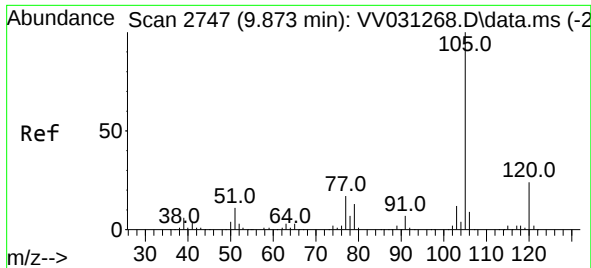
Ion Ratio Lower Upper

173 100

175 49.7 38.2 57.4

254 9.8 8.0 12.0

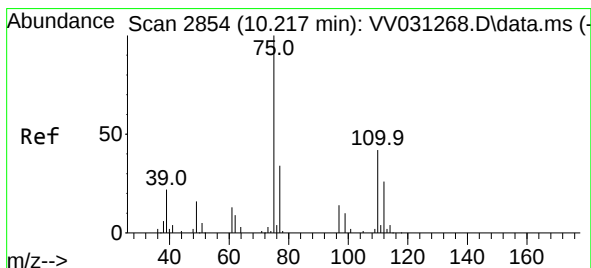
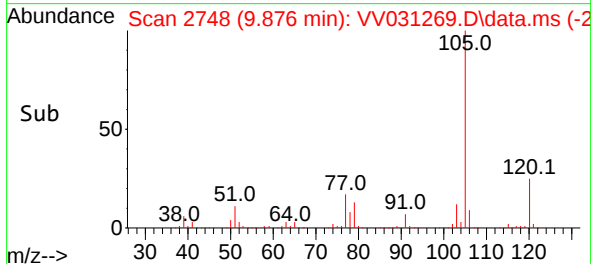
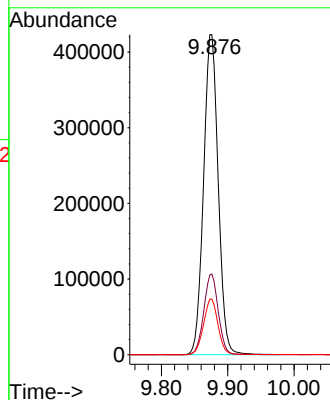
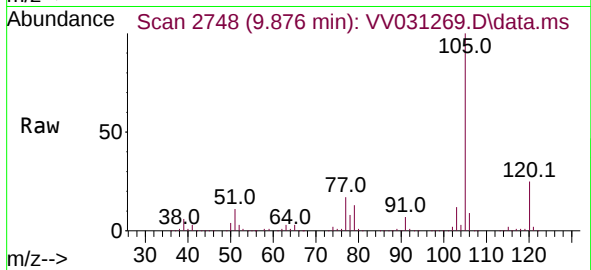




#60
Isopropylbenzene
Concen: 12.046 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

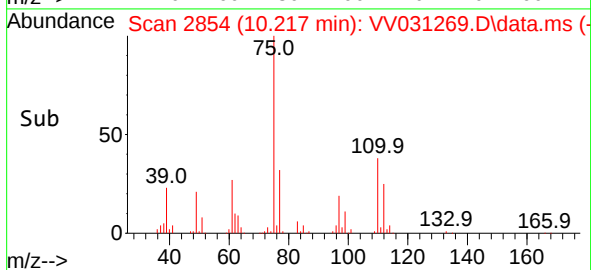
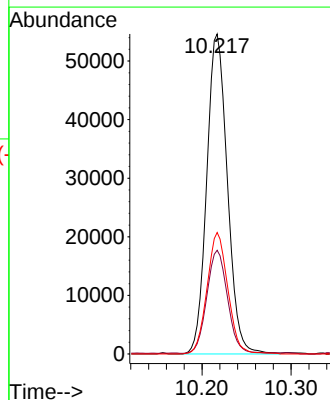
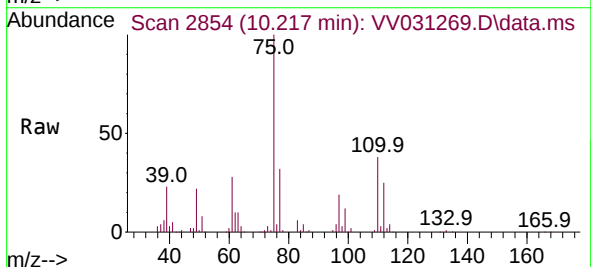
Instrument :
MSVOA_V
ClientSampleId :
VSTD010250

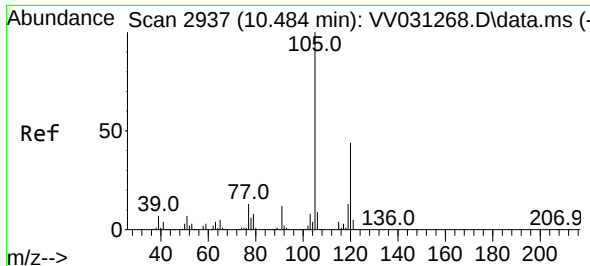
Tgt Ion:105 Resp: 647797
Ion Ratio Lower Upper
105 100
120 24.9 19.8 29.6
77 17.4 14.0 21.0



#61
1,2,3-Trichloropropane
Concen: 10.980 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

Tgt Ion: 75 Resp: 87963
Ion Ratio Lower Upper
75 100
77 32.2 27.0 40.6
110 38.2 31.9 47.9

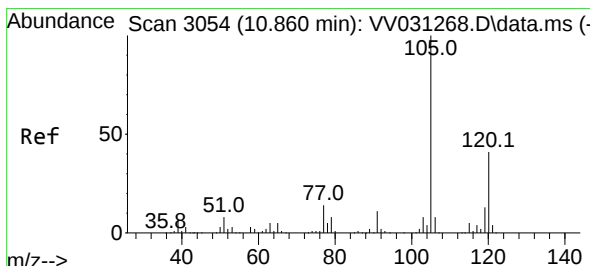
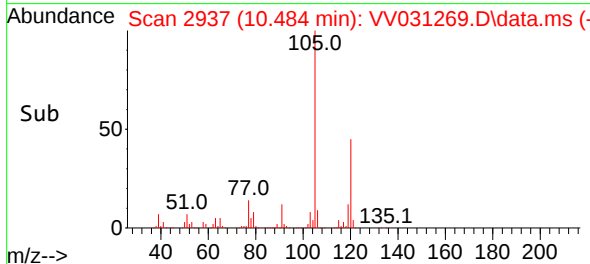
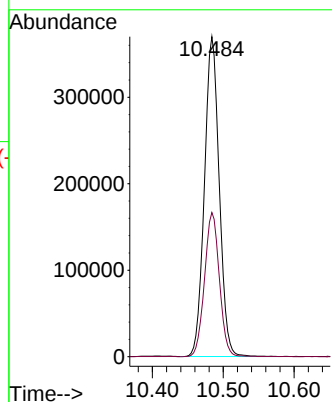
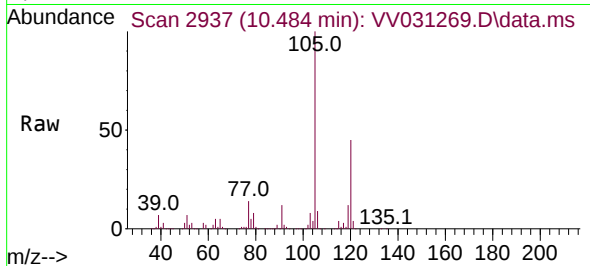




#62
 1,3,5-Trimethylbenzene
 Concen: 12.267 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: VV031269.D
 Acq: 30 May 2023 15:34

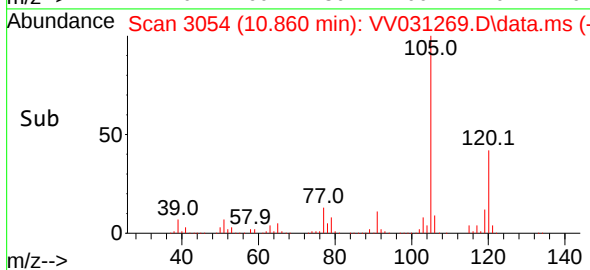
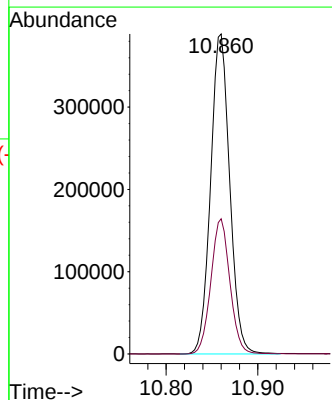
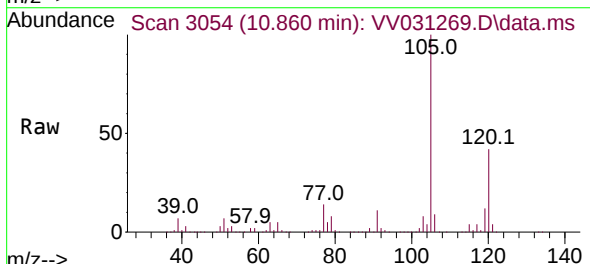
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010250

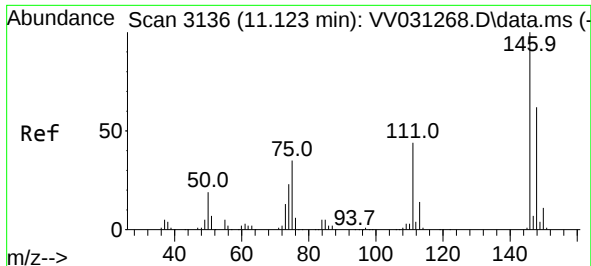
Tgt Ion:105 Resp: 536253
 Ion Ratio Lower Upper
 105 100
 120 45.2 35.8 53.6



#63
 1,2,4-Trimethylbenzene
 Concen: 12.578 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. 0.000 min
 Lab File: VV031269.D
 Acq: 30 May 2023 15:34

Tgt Ion:105 Resp: 562402
 Ion Ratio Lower Upper
 105 100
 120 42.0 33.9 50.9

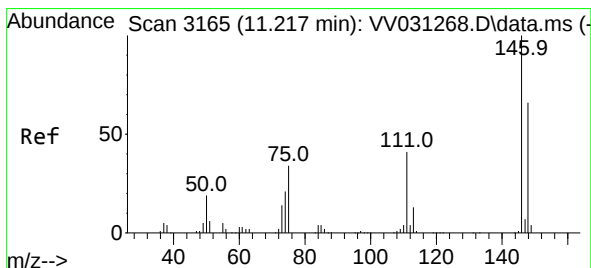
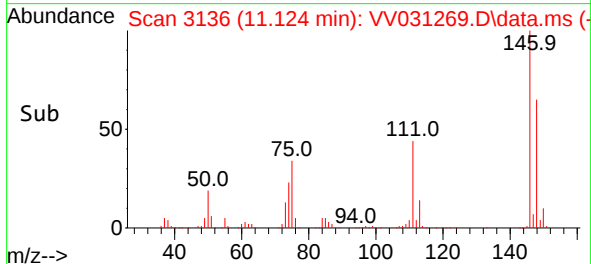
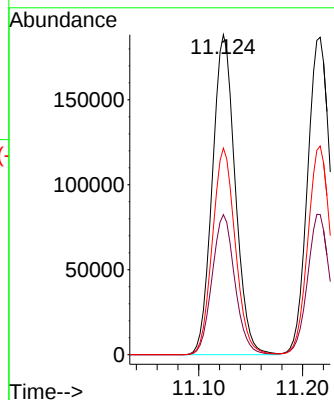
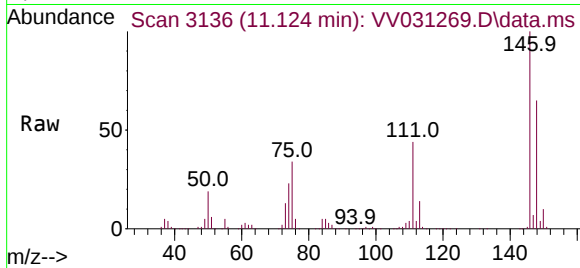




#64
 1,3-Dichlorobenzene
 Concen: 11.168 ug/L
 RT: 11.124 min Scan# 3136
 Delta R.T. 0.000 min
 Lab File: VV031269.D
 Acq: 30 May 2023 15:34

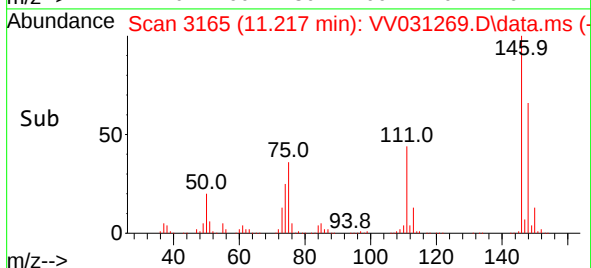
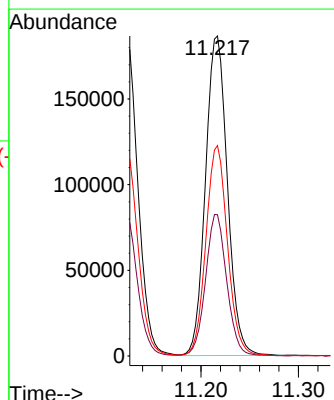
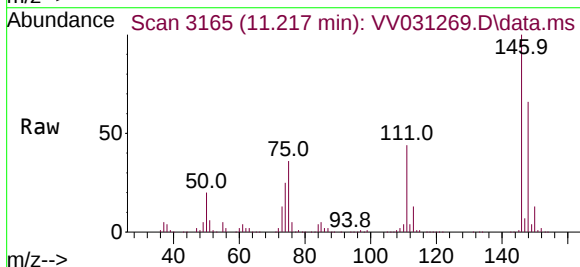
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010250

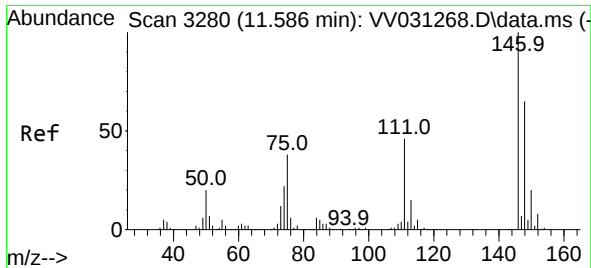
Tgt Ion:146 Resp: 288447
 Ion Ratio Lower Upper
 146 100
 111 43.8 30.4 56.5
 148 64.5 43.6 81.0



#65
 1,4-Dichlorobenzene
 Concen: 11.209 ug/L
 RT: 11.217 min Scan# 3165
 Delta R.T. 0.000 min
 Lab File: VV031269.D
 Acq: 30 May 2023 15:34

Tgt Ion:146 Resp: 291670
 Ion Ratio Lower Upper
 146 100
 111 44.2 29.1 54.1
 148 65.8 46.2 85.8





#67

1,2-Dichlorobenzene

Concen: 11.172 ug/L

RT: 11.587 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031269.D

Acq: 30 May 2023 15:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD010250

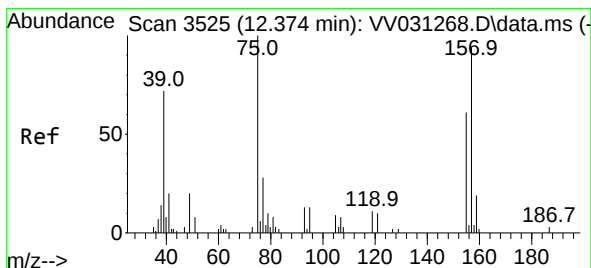
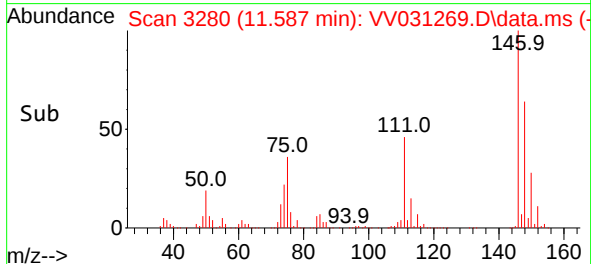
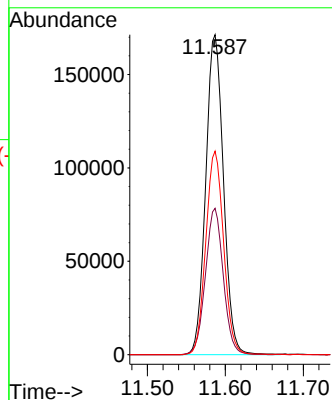
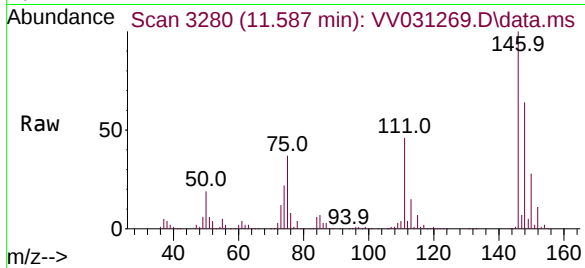
Tgt Ion:146 Resp: 270801

Ion Ratio Lower Upper

146 100

111 45.8 37.0 55.4

148 63.6 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 11.582 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. -0.003 min

Lab File: VV031269.D

Acq: 30 May 2023 15:34

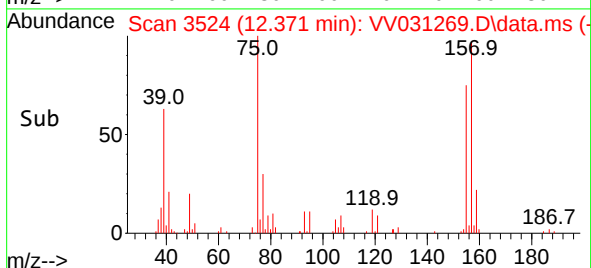
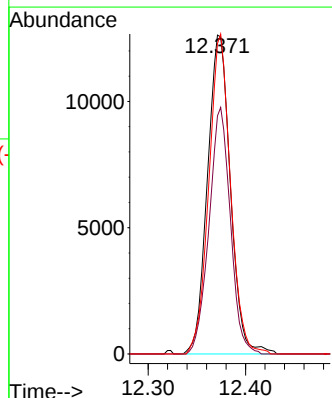
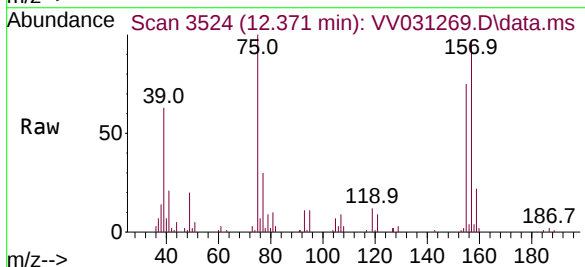
Tgt Ion: 75 Resp: 20624

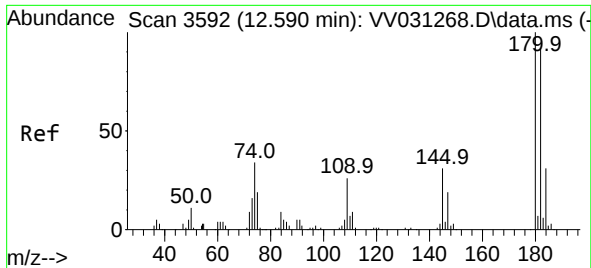
Ion Ratio Lower Upper

75 100

155 74.7 49.0 73.6#

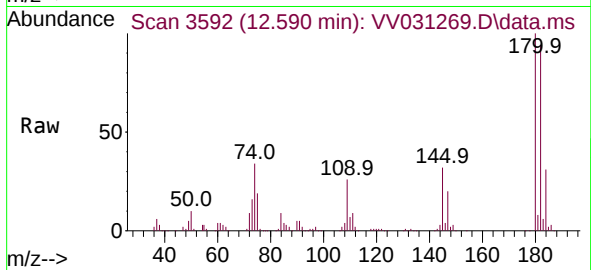
157 97.3 75.6 113.4





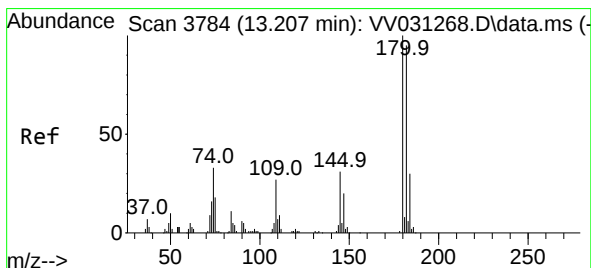
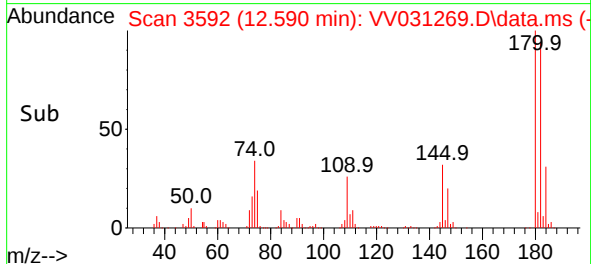
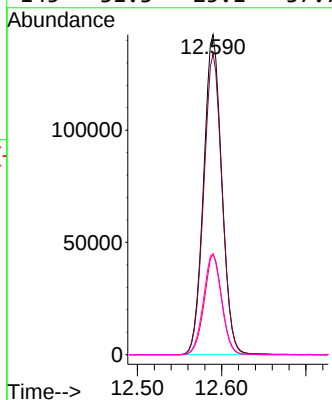
#69
1,3,5-Trichlorobenzene
Concen: 10.421 ug/L
RT: 12.590 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD010250



Tgt Ion:180 Resp: 214401

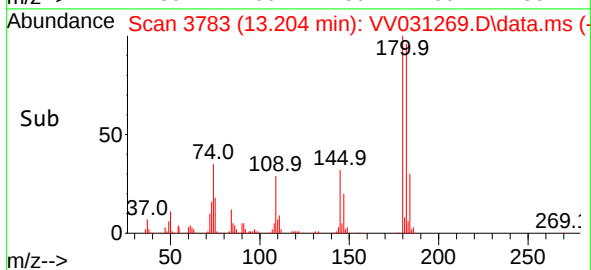
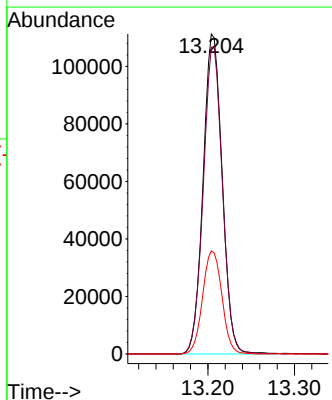
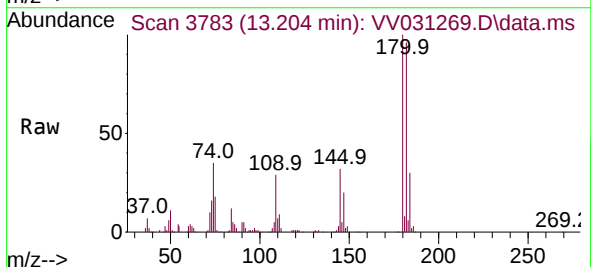
Ion	Ratio	Lower	Upper
180	100		
182	94.9	74.5	111.7
184	30.5	24.2	36.2
145	31.3	25.1	37.7

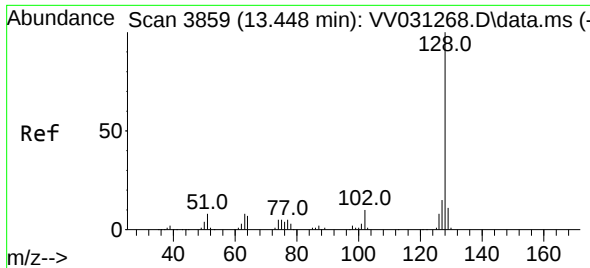


#70
1,2,4-trichlorobenzene
Concen: 10.656 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. -0.003 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

Tgt Ion:180 Resp: 170129

Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.5	114.7
145	32.6	25.3	37.9

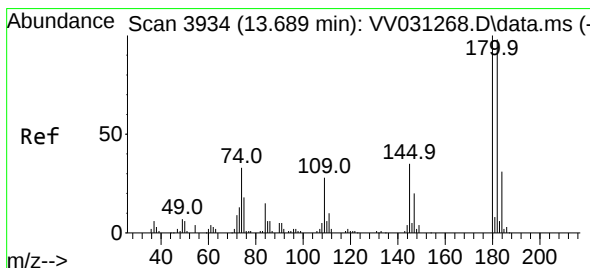
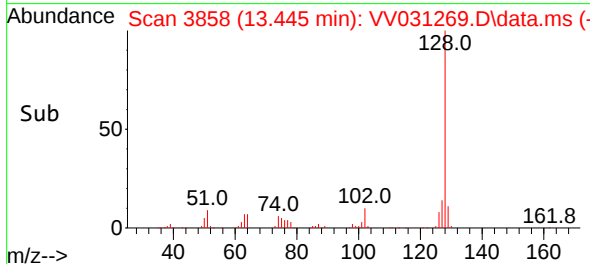
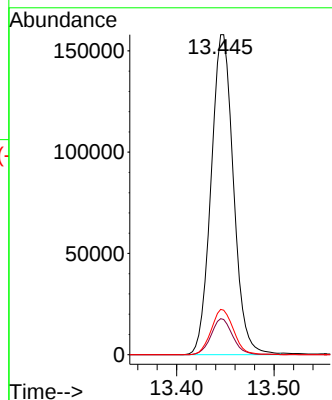
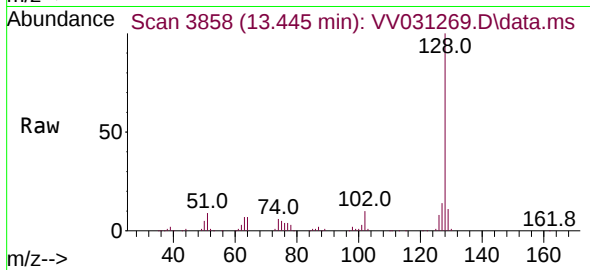




#71
Naphthalene
Concen: 10.576 ug/L
RT: 13.445 min Scan# 3859
Delta R.T. -0.003 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD010250

Tgt Ion:128 Resp: 252611
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 14.1 11.3 16.9



#72
1,2,3-Trichlorobenzene
Concen: 11.273 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. -0.003 min
Lab File: VV031269.D
Acq: 30 May 2023 15:34

Tgt Ion:180 Resp: 154618
Ion Ratio Lower Upper
180 100
182 96.7 76.5 114.7
145 34.7 27.8 41.8

