

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030823\
 Data File : VW030143.D
 Acq On : 08 Mar 2023 10:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005294

Quant Time: Mar 09 00:36:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 03 22:25:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	161047	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	161717	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	96336	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	36888	3.540	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.535	69	40353	4.125	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.066	63	87426	4.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	3.831	46	99356	51.715	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.420%
24) Chloroform-d	4.259	84	99485	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	4.950	65	40991	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	4.966	84	168933	3.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	5.995	67	54065	4.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.249	98	155822	3.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	7.558	79	18623	4.158	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.037	63	90301	48.734	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.460%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	46286	4.970	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	66567	4.084	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	69454	5.301	ug/L	99
3) Chloromethane	1.217	50	97927	4.743	ug/L	98
5) Vinyl chloride	1.285	62	70741	5.155	ug/L	100
6) Bromomethane	1.490	94	12513	5.080	ug/L	92
8) Chloroethane	1.552	64	44500	5.323	ug/L	98
9) Trichlorofluoromethane	1.716	101	105801	5.374	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	67730	5.547	ug/L	99
12) 1,1-Dichloroethene	2.072	96	58234	5.388	ug/L	95
13) Acetone	2.172	43	76226	53.680	ug/L #	53
14) Carbon disulfide	2.246	76	140065	4.843	ug/L	100
15) Methyl Acetate	2.391	43	14895	4.491	ug/L #	88
16) Methylene chloride	2.452	84	65857	4.988	ug/L	99
17) Methyl tert-butyl Ether	2.712	73	108503	5.134	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	52755	5.131	ug/L	100
19) 1,1-Dichloroethane	3.117	63	104807	5.472	ug/L	97
21) 2-Butanone	3.915	43	90302	47.285	ug/L	92
22) cis-1,2-Dichloroethene	3.822	96	57106	5.025	ug/L	98
23) Bromochloromethane	4.156	128	27231	5.608	ug/L	98
25) Chloroform	4.285	83	109817	5.512	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030823\
 Data File : VV030143.D
 Acq On : 08 Mar 2023 10:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

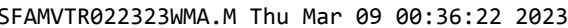
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005294

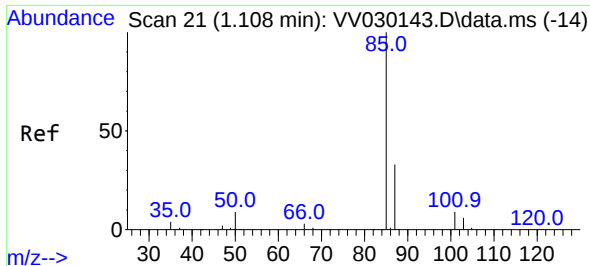
Quant Time: Mar 09 00:36:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 03 22:25:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	55345	5.311	ug/L	98
29) 1,1,1-Trichloroethane	4.519	97	98703	5.196	ug/L	100
30) Cyclohexane	4.590	56	71929	4.382	ug/L	99
31) Carbon tetrachloride	4.741	117	88172	5.164	ug/L	97
33) Benzene	5.018	78	219325	4.966	ug/L	100
34) Trichloroethene	5.841	95	60701	4.905	ug/L	95
35) Methylcyclohexane	6.056	83	84788	4.527	ug/L	99
37) 1,2-Dichloropropane	6.101	63	57719	5.137	ug/L	100
38) Bromodichloromethane	6.439	83	76833	5.356	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	79465	4.831	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	240801	51.935	ug/L	99
42) Toluene	7.323	91	243632	5.093	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	65879	5.131	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	42401	5.274	ug/L	99
47) Tetrachloroethene	7.911	164	53568	5.043	ug/L	97
48) 2-Hexanone	8.085	43	180816	54.475	ug/L	99
49) Dibromochloromethane	8.185	129	51756	5.501	ug/L	99
50) 1,2-Dibromoethane	8.291	107	37610	5.014	ug/L #	94
51) Chlorobenzene	8.821	112	161812	5.016	ug/L	99
52) Ethylbenzene	8.953	91	256393	4.925	ug/L	100
53) m,p-Xylene	9.082	106	99600	4.978	ug/L	96
54) o-Xylene	9.487	106	94676	4.954	ug/L	99
55) Styrene	9.503	104	167054	5.256	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	49348	5.487	ug/L	99
59) Bromoform	9.673	173	31689	5.488	ug/L	98
60) Isopropylbenzene	9.876	105	263857	4.760	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	31538	4.891	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	212275	4.662	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	222356	4.774	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	144431	5.004	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	143638	4.933	ug/L	97
67) 1,2-Dichlorobenzene	11.587	146	129264	5.072	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	7045	4.892	ug/L	95
69) 1,3,5-Trichlorobenzene	12.593	180	114911	4.843	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	86306	4.490	ug/L	99
71) Naphthalene	13.448	128	111152	4.425	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	75674	4.783	ug/L	98

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

Quant Time: Mar 09 00:36:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 03 22:25:34 2023
Response via : Initial Calibration

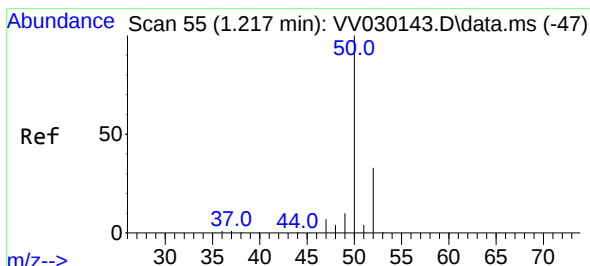
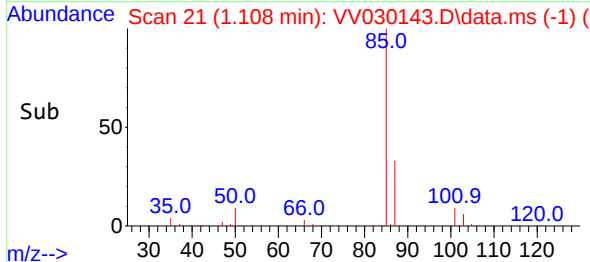
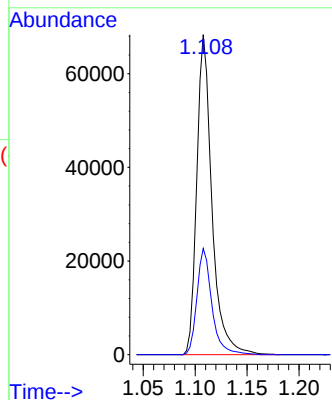
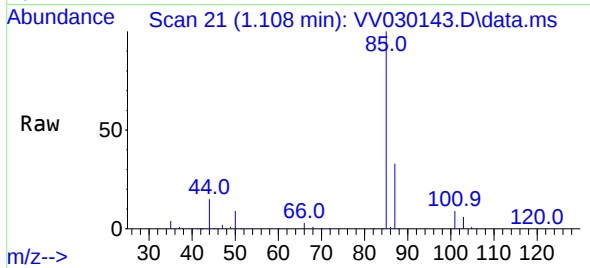




#2
 Dichlorodifluoromethane
 Concen: 5.301 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030143.D
 Acq: 08 Mar 2023 10:59

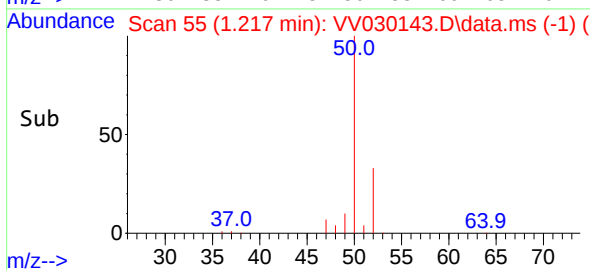
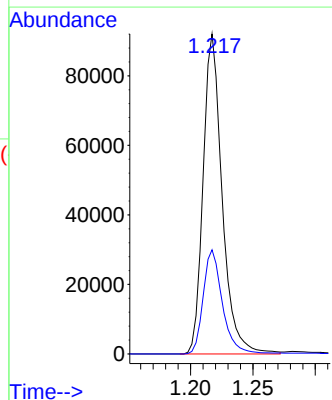
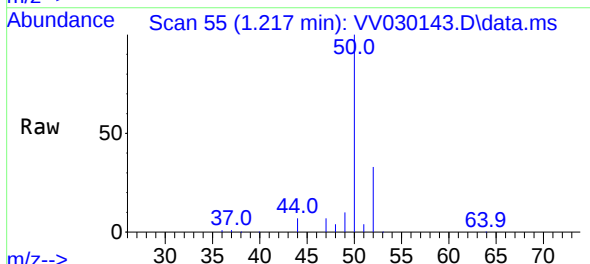
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005294

Tgt Ion: 85 Resp: 69454
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.6 39.8

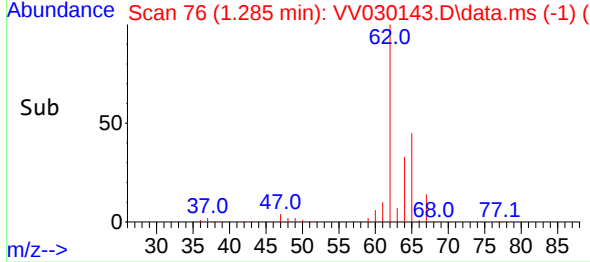
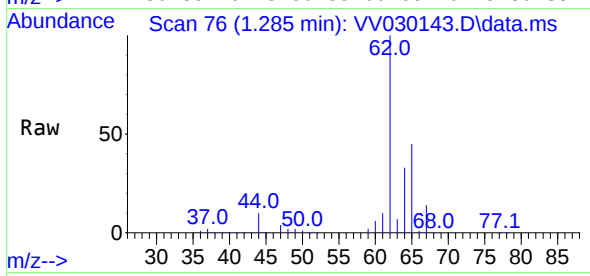
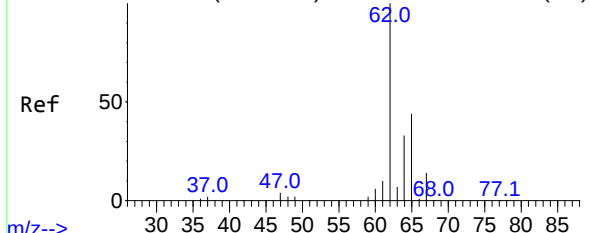


#3
 Chloromethane
 Concen: 4.743 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030143.D
 Acq: 08 Mar 2023 10:59

Tgt Ion: 50 Resp: 97927
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.6 43.8



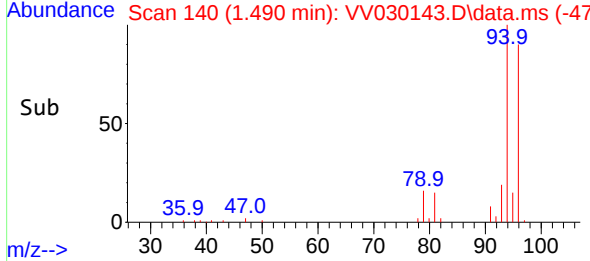
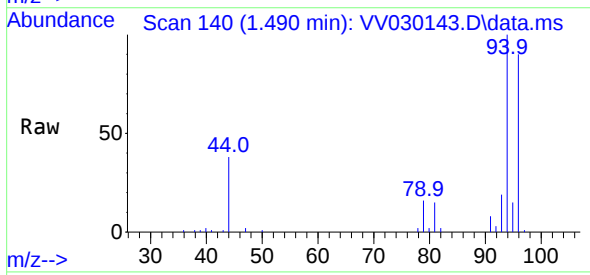
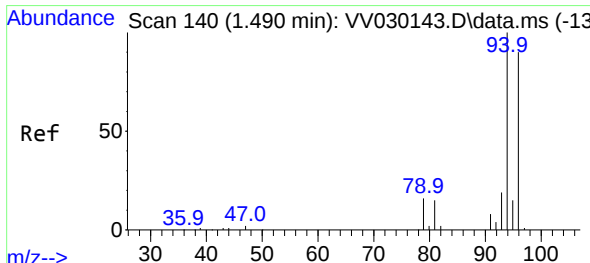
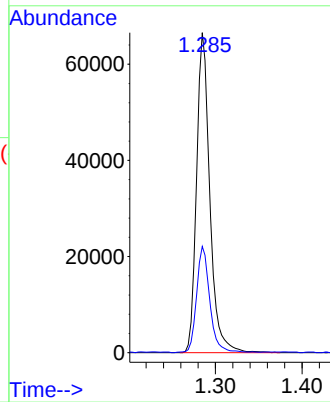
Abundance Scan 76 (1.285 min): VV030143.D\data.ms (-68)



#5
Vinyl chloride
Concen: 5.155 ug/L
RT: 1.285 min Scan# 70
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

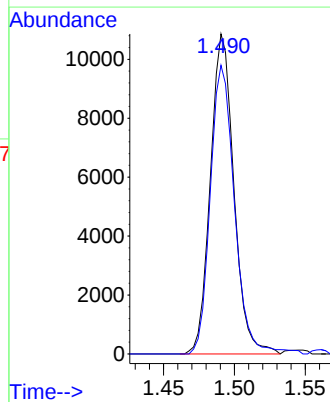
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

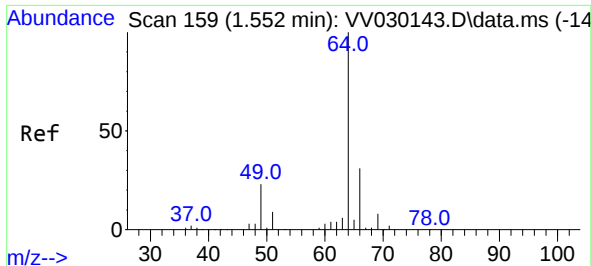
Tgt Ion: 62 Resp: 70741
Ion Ratio Lower Upper
62 100
64 33.2 23.1 42.9



#6
Bromomethane
Concen: 5.080 ug/L
RT: 1.490 min Scan# 140
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Tgt Ion: 94 Resp: 12513
Ion Ratio Lower Upper
94 100
96 90.2 68.4 127.0

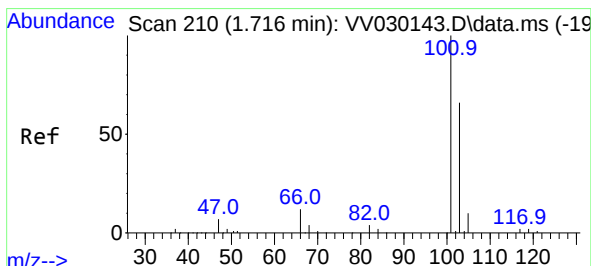
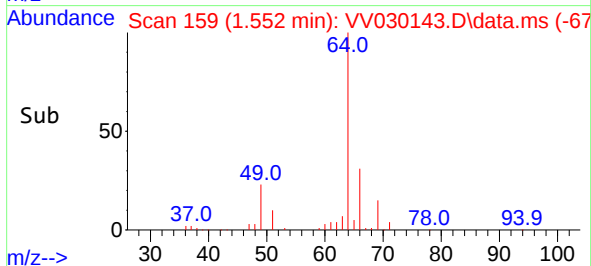
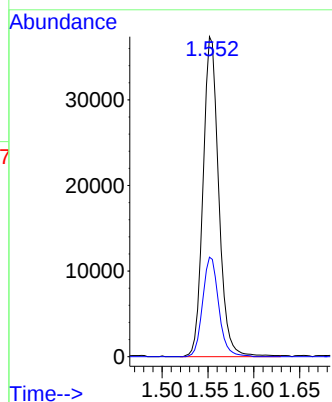
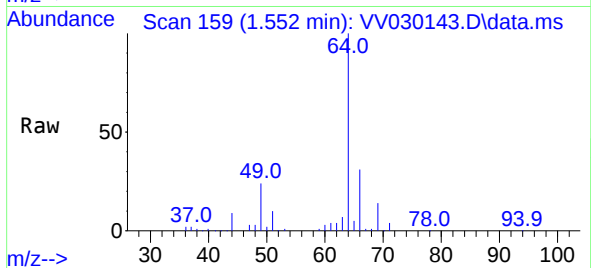




#8
Chloroethane
Concen: 5.323 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

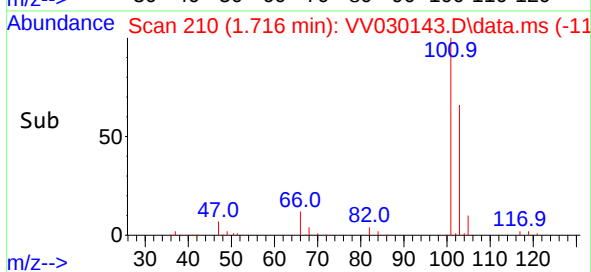
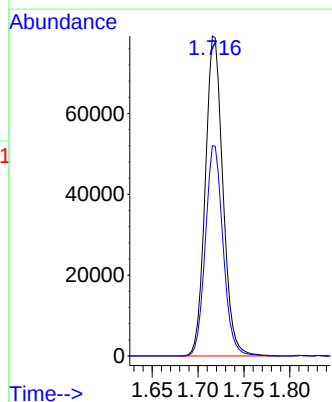
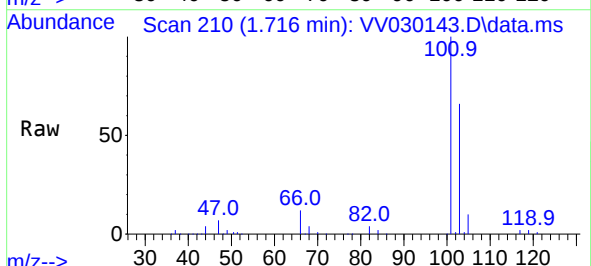
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

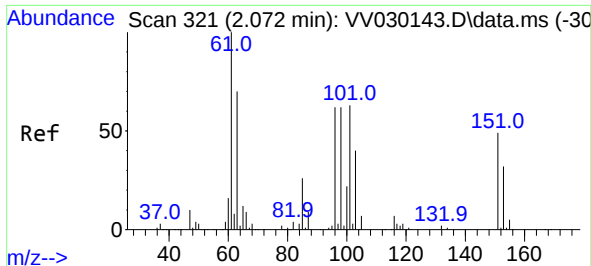
Tgt Ion: 64 Resp: 44500
Ion Ratio Lower Upper
64 100
66 31.1 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.374 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.003 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Tgt Ion:101 Resp: 105801
Ion Ratio Lower Upper
101 100
103 66.1 52.7 79.1

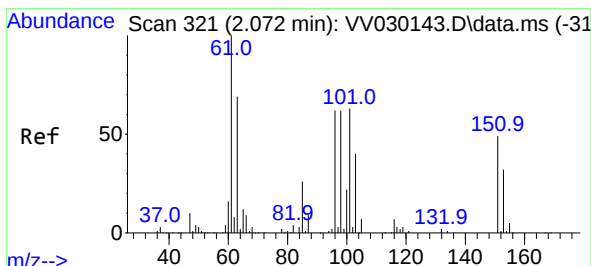
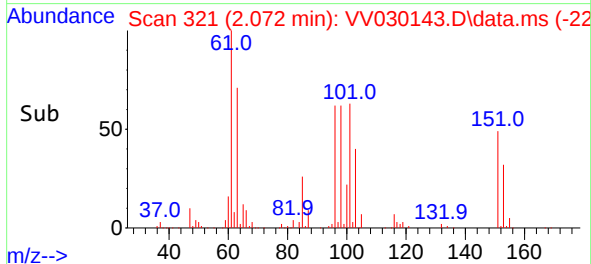
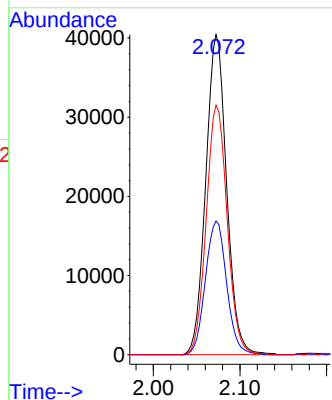
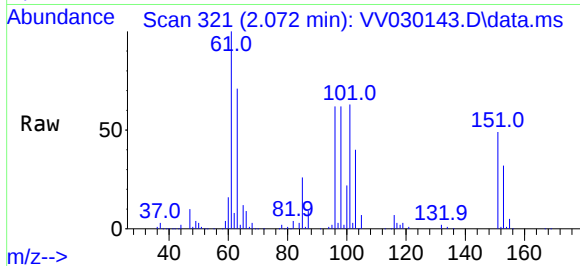




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.547 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

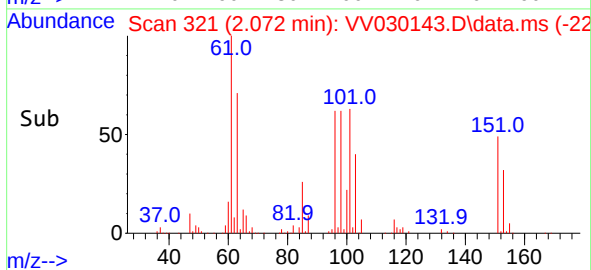
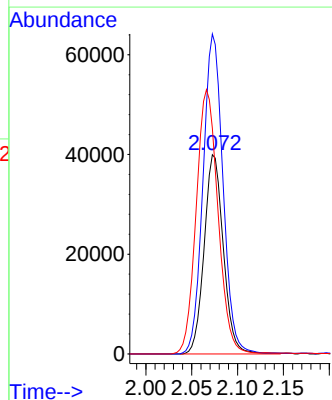
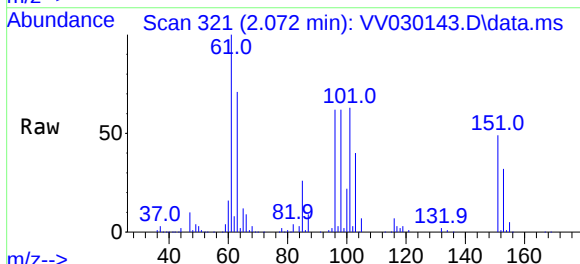
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

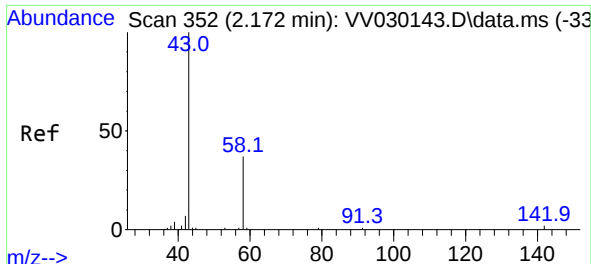
Tgt Ion:101 Resp: 67730
Ion Ratio Lower Upper
101 100
85 42.5 33.5 50.3
151 78.5 61.6 92.4



#12
1,1-Dichloroethene
Concen: 5.388 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.003 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Tgt Ion: 96 Resp: 58234
Ion Ratio Lower Upper
96 100
61 160.6 115.6 214.6
63 113.3 85.6 159.0





#13

Acetone

Concen: 53.680 ug/L

RT: 2.172 min Scan# 352

Delta R.T. 0.006 min

Lab File: VV030143.D

Acq: 08 Mar 2023 10:59

Instrument :

MSVOA_V

ClientSampleId :

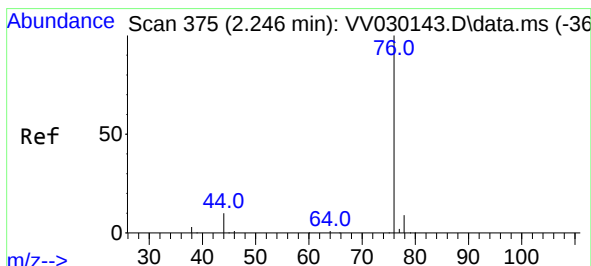
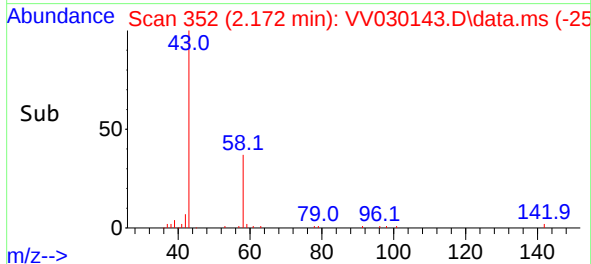
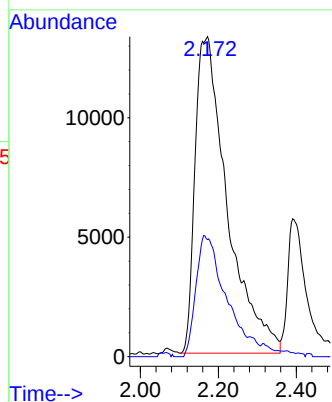
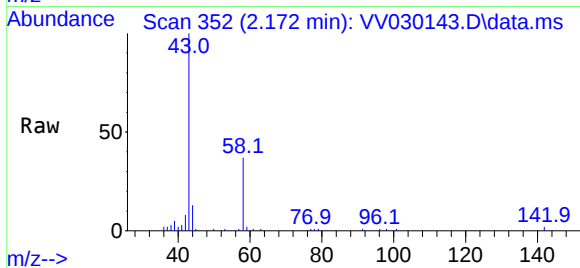
VSTD005294

Tgt Ion: 43 Resp: 76226

Ion Ratio Lower Upper

43 100

58 34.0 0.0 29.4#



#14

Carbon disulfide

Concen: 4.843 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030143.D

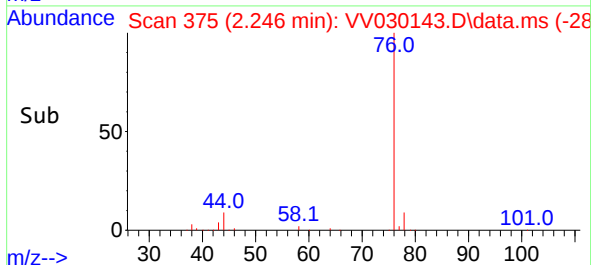
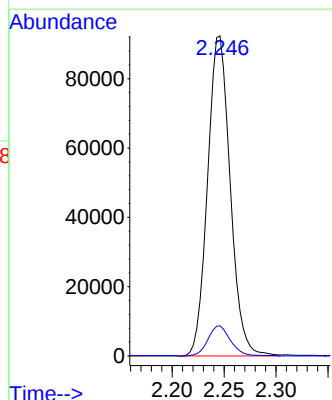
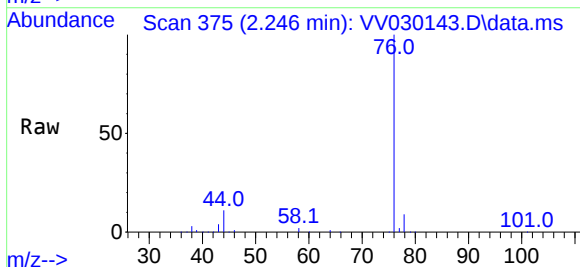
Acq: 08 Mar 2023 10:59

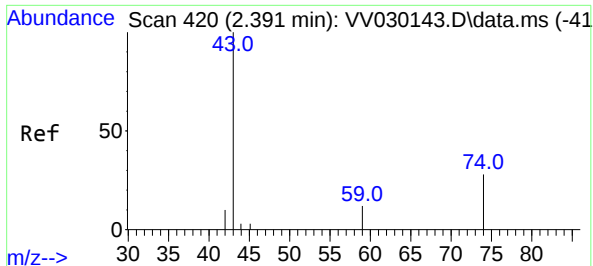
Tgt Ion: 76 Resp: 140065

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5

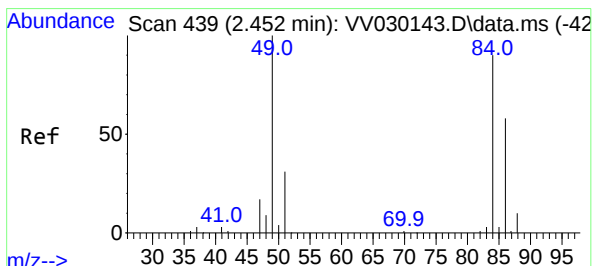
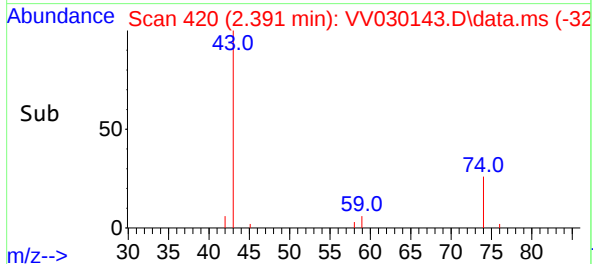
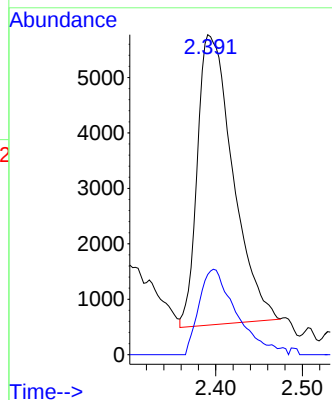
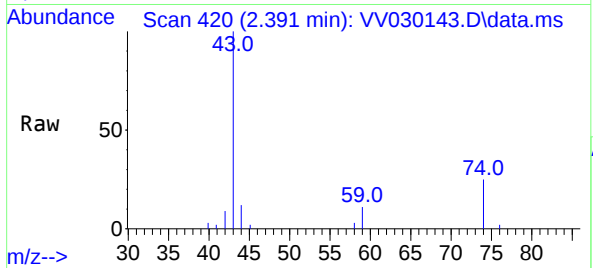




#15
Methyl Acetate
Concen: 4.491 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

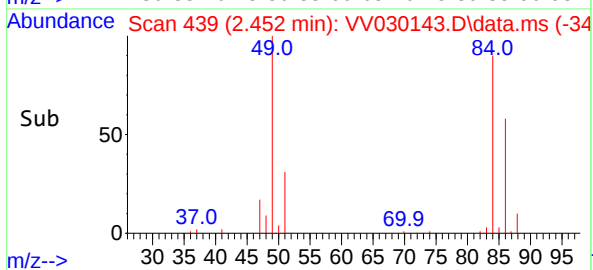
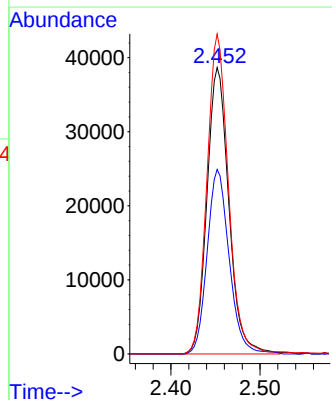
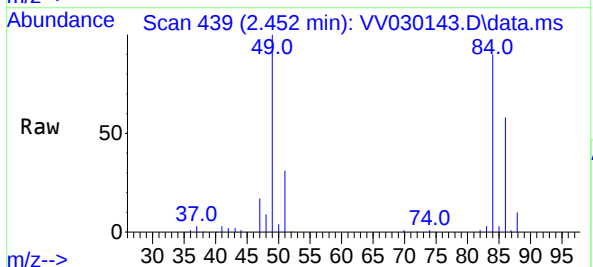
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

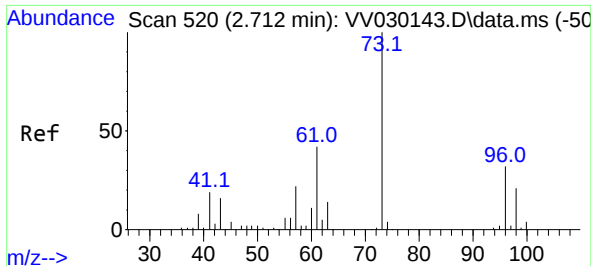
Tgt Ion: 43 Resp: 14895
Ion Ratio Lower Upper
43 100
74 31.2 20.1 30.1#



#16
Methylene chloride
Concen: 4.988 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Tgt Ion: 84 Resp: 65857
Ion Ratio Lower Upper
84 100
86 64.4 44.7 83.1
49 111.7 78.8 146.3

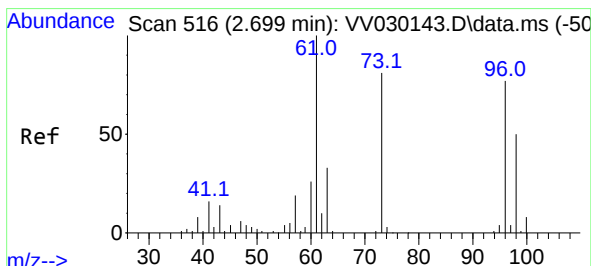
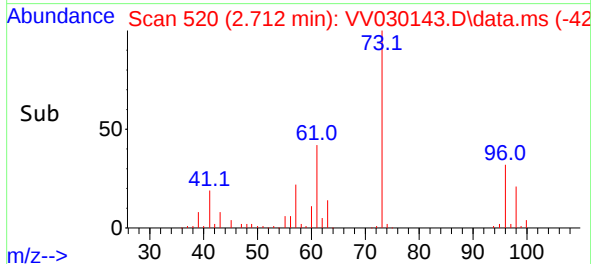
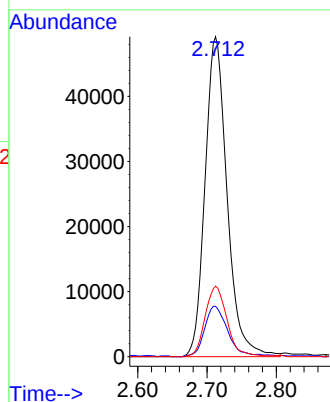
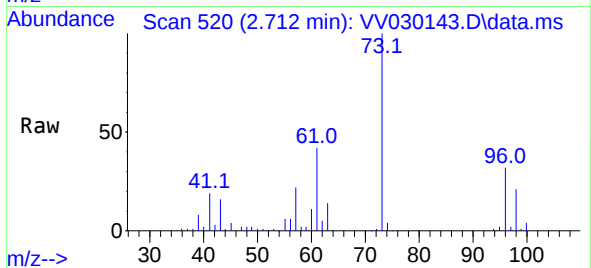




#17
Methyl tert-butyl Ether
Concen: 5.134 ug/L
RT: 2.712 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

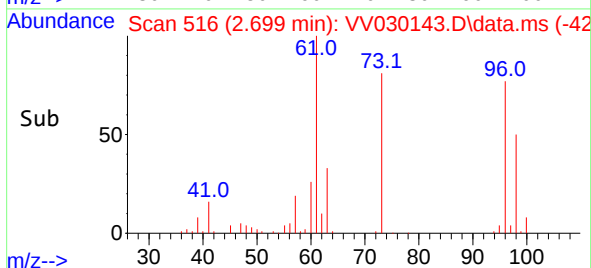
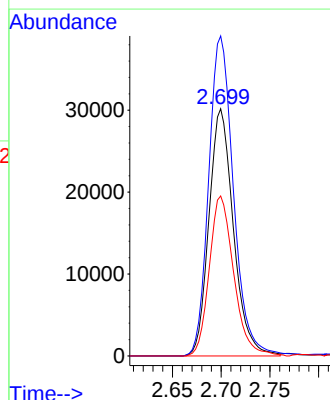
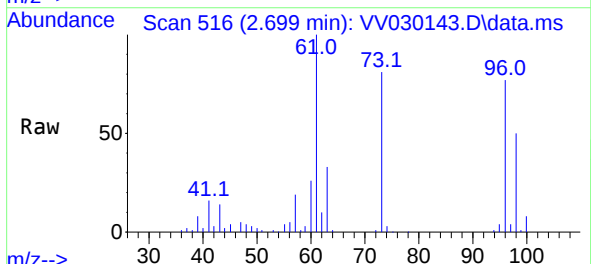
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

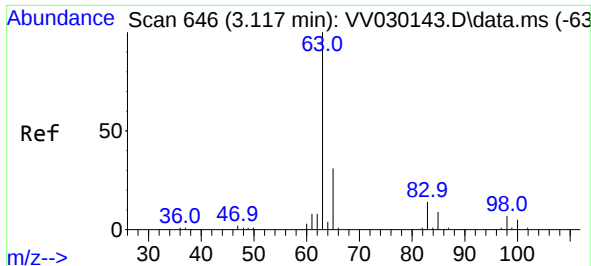
Tgt Ion: 73 Resp: 108503
Ion Ratio Lower Upper
73 100
43 16.3 13.4 20.2
57 21.9 16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 5.131 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Tgt Ion: 96 Resp: 52755
Ion Ratio Lower Upper
96 100
61 129.4 91.0 169.0
98 64.7 45.2 84.0

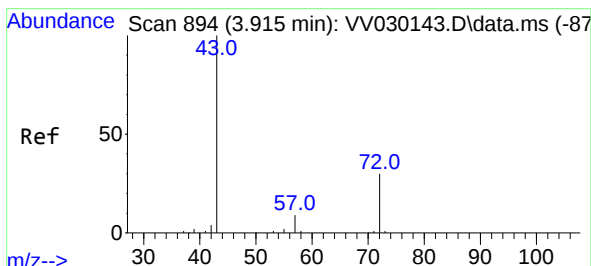
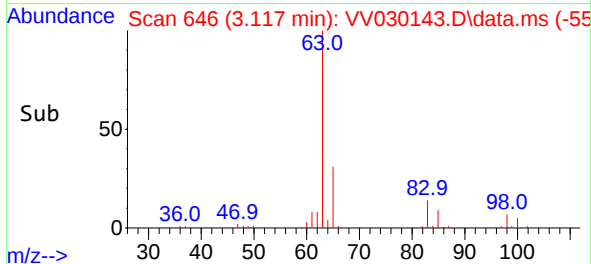
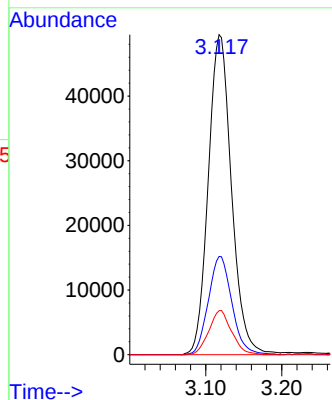
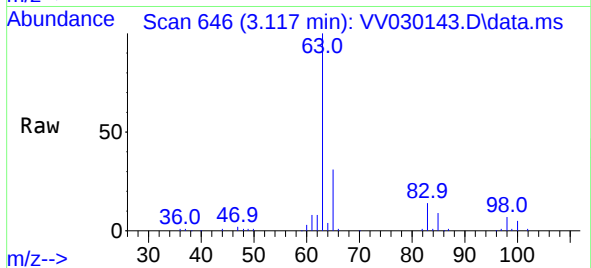




#19
1,1-Dichloroethane
Concen: 5.472 ug/L
RT: 3.117 min Scan# 646
Delta R.T. -0.003 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

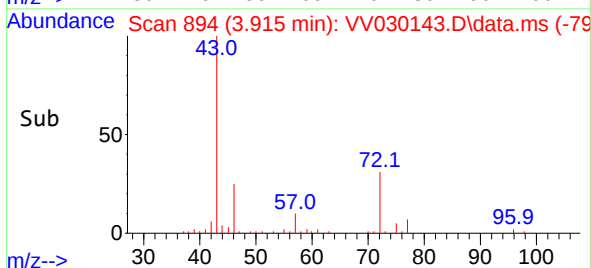
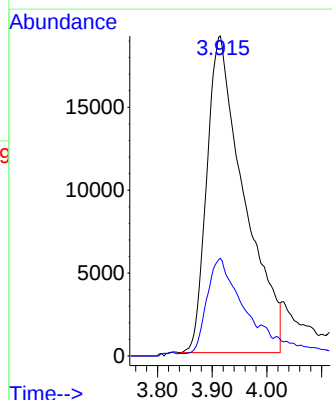
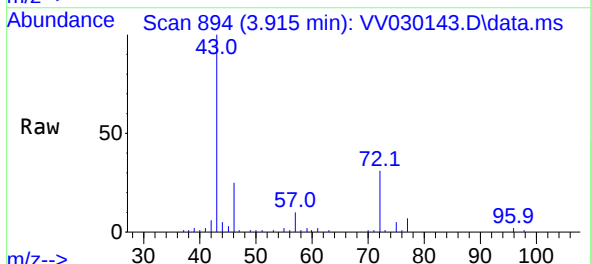
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

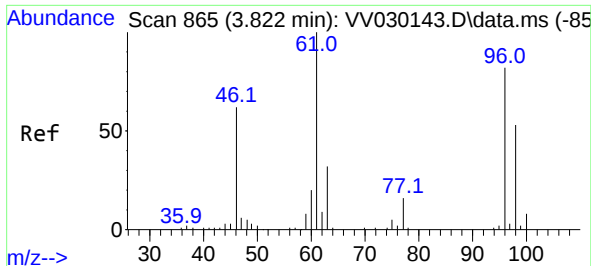
Tgt Ion: 63 Resp: 104807
Ion Ratio Lower Upper
63 100
65 30.7 23.0 42.8
83 13.8 9.6 17.8



#21
2-Butanone
Concen: 47.285 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Tgt Ion: 43 Resp: 90302
Ion Ratio Lower Upper
43 100
72 26.0 15.1 45.3

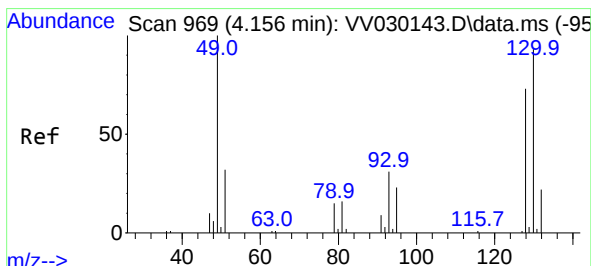
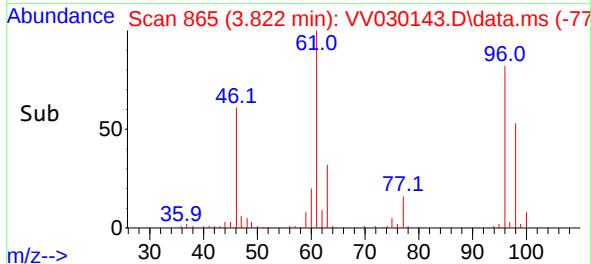
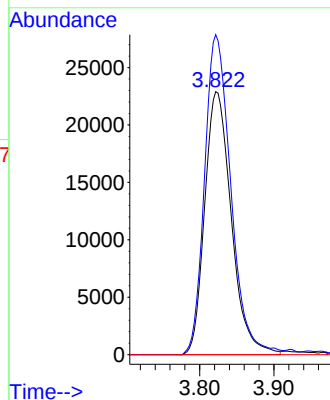
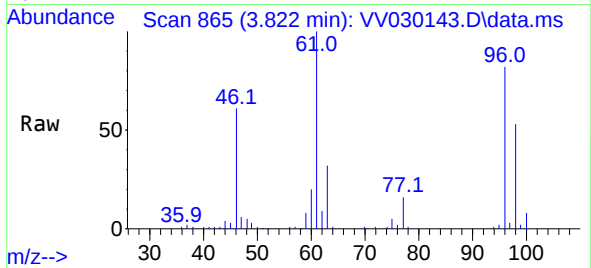




#22
cis-1,2-Dichloroethene
Concen: 5.025 ug/L
RT: 3.822 min Scan# 865
Delta R.T. -0.003 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

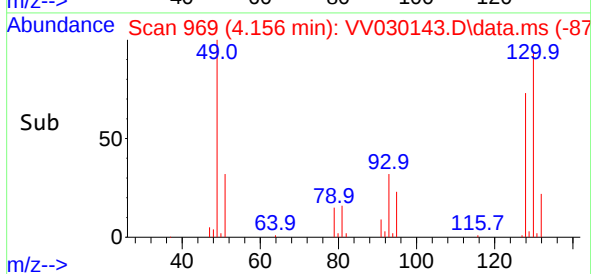
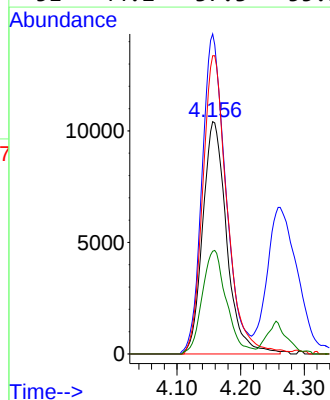
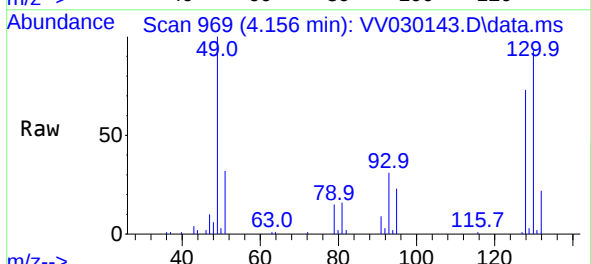
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

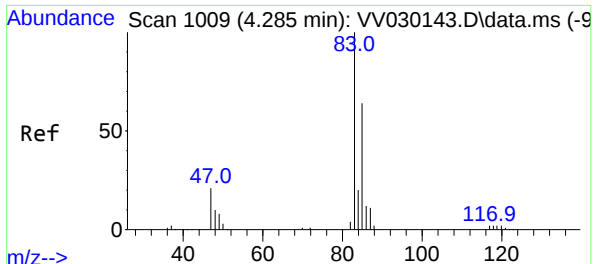
Tgt Ion: 96 Resp: 57106
Ion Ratio Lower Upper
96 100
61 121.7 83.4 154.8
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.608 ug/L
RT: 4.156 min Scan# 969
Delta R.T. -0.003 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Tgt Ion: 128 Resp: 27231
Ion Ratio Lower Upper
128 100
49 137.8 99.5 184.9
130 128.4 90.5 168.1
51 44.2 37.3 55.9





#25

Chloroform

Concen: 5.512 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. -0.000 min

Lab File: VV030143.D

Acq: 08 Mar 2023 10:59

Instrument :

MSVOA_V

ClientSampleId :

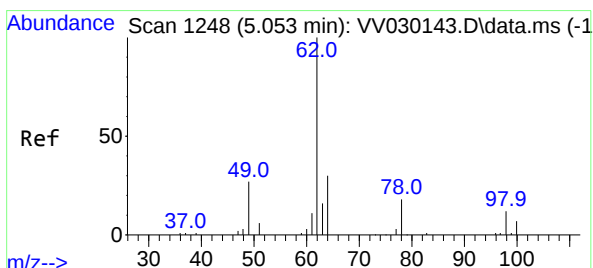
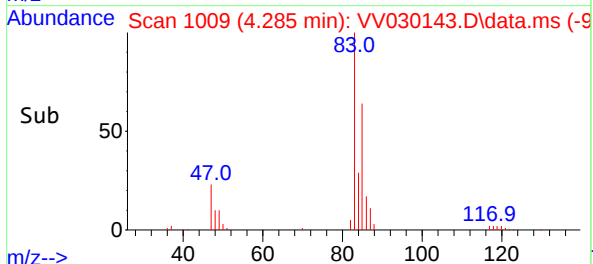
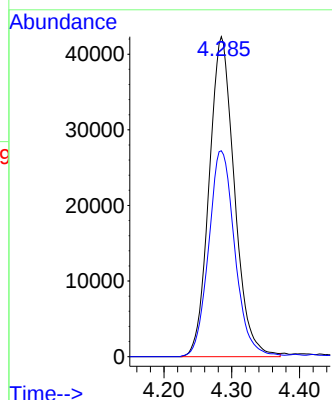
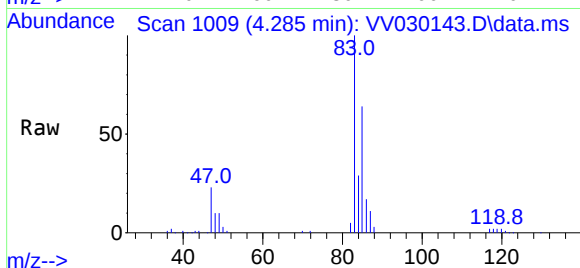
VSTD005294

Tgt Ion: 83 Resp: 109817

Ion Ratio Lower Upper

83 100

85 64.3 46.5 86.5



#27

1,2-Dichloroethane

Concen: 5.311 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VV030143.D

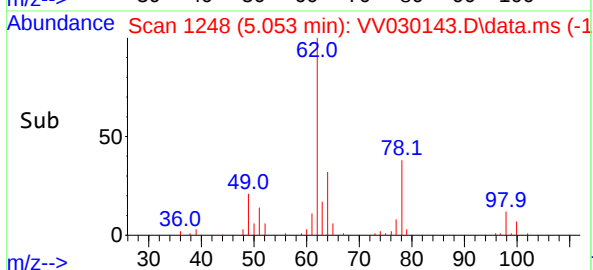
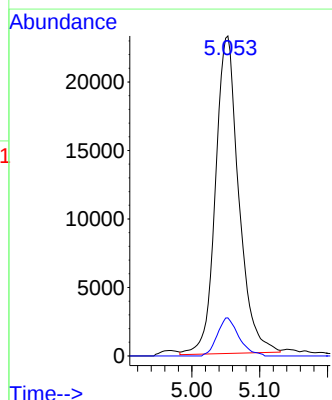
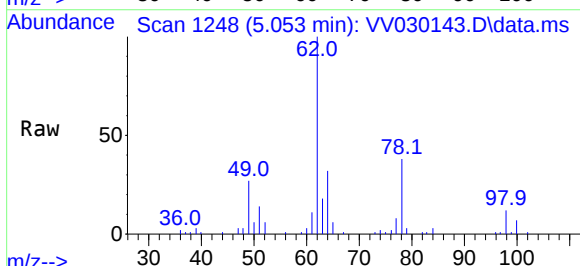
Acq: 08 Mar 2023 10:59

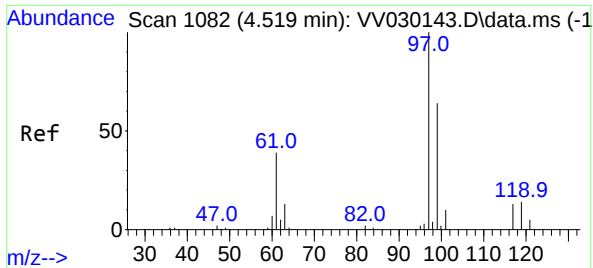
Tgt Ion: 62 Resp: 55345

Ion Ratio Lower Upper

62 100

98 11.9 9.0 13.4



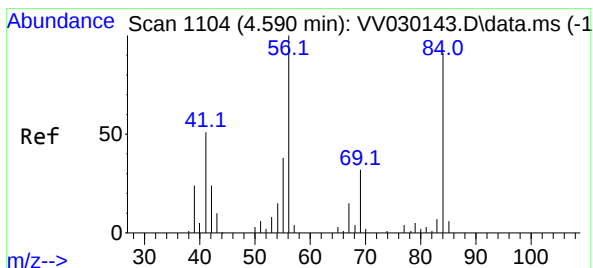
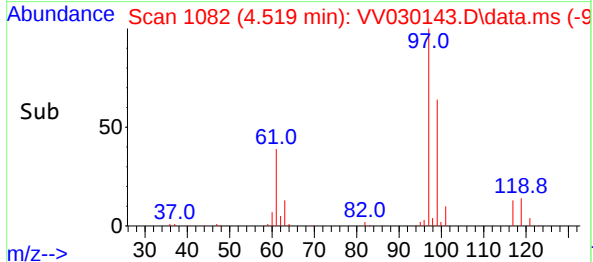
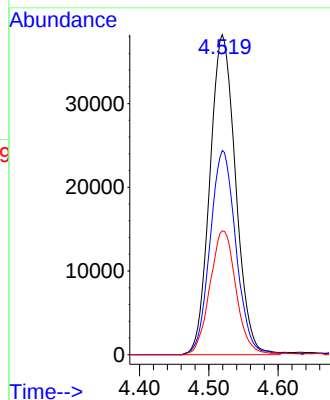
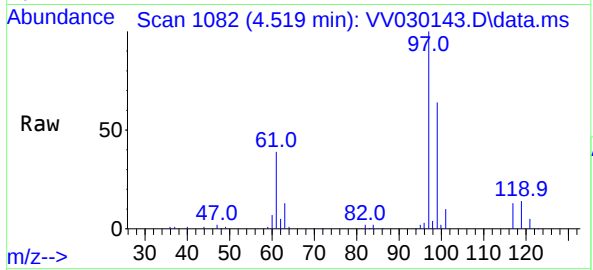


#29
1,1,1-Trichloroethane
Concen: 5.196 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. -0.003 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

Tgt Ion: 97 Resp: 98703

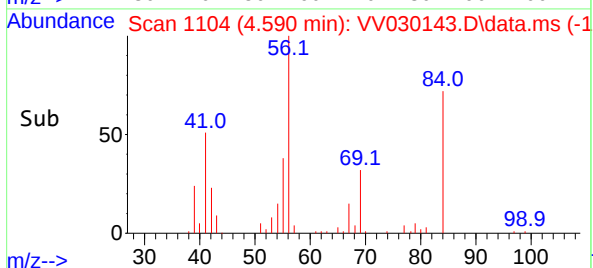
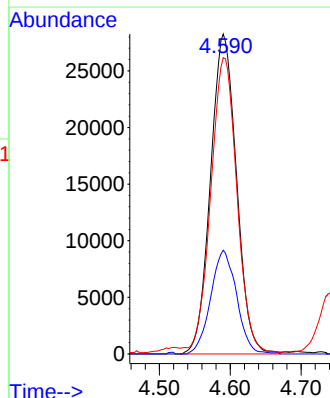
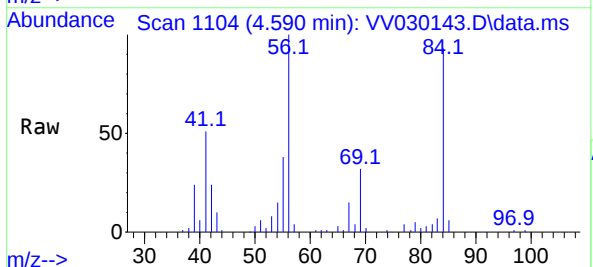
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.3	76.9
61	39.2	31.5	47.3

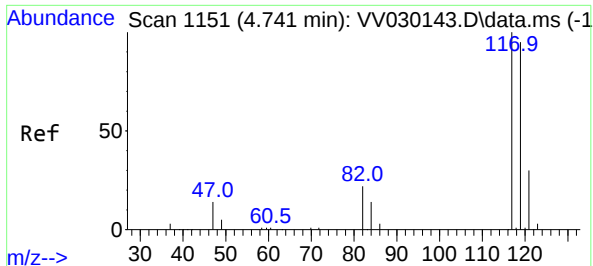


#30
Cyclohexane
Concen: 4.382 ug/L
RT: 4.590 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Tgt Ion: 56 Resp: 71929

Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.1	37.7
84	92.0	74.6	111.8

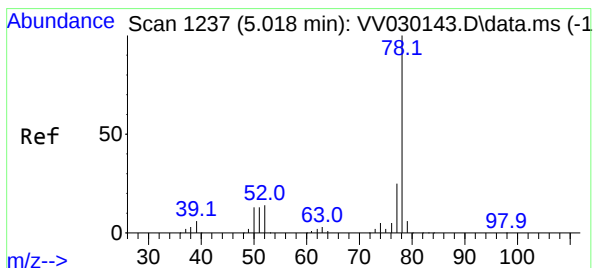
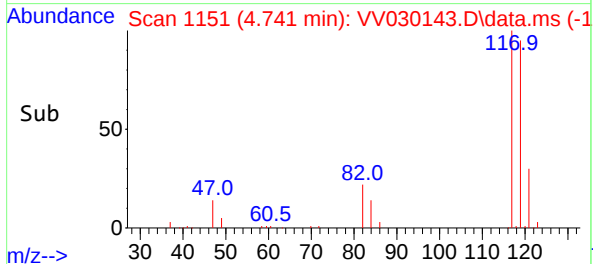
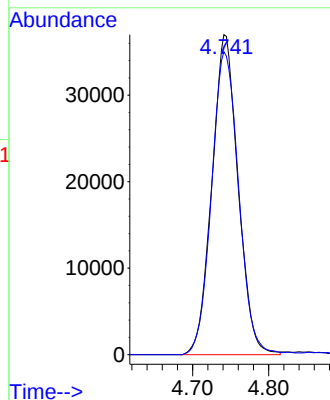
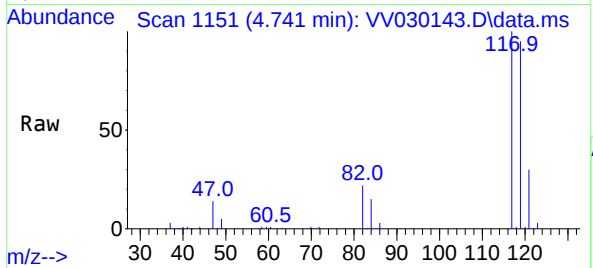




#31
Carbon tetrachloride
Concen: 5.164 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

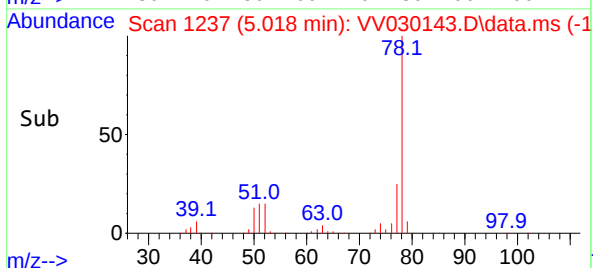
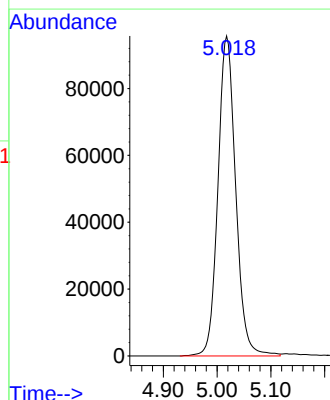
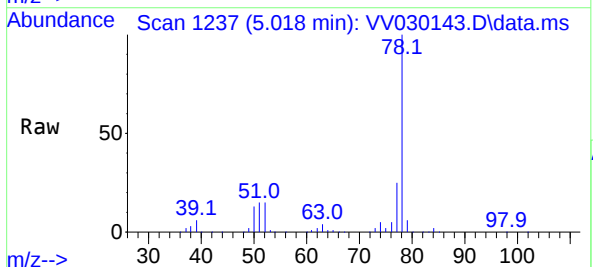
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

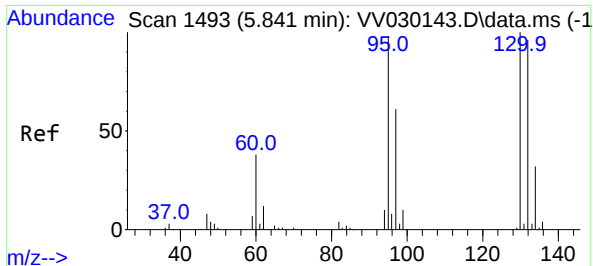
Tgt Ion:117 Resp: 88172
Ion Ratio Lower Upper
117 100
119 98.4 76.1 114.1



#33
Benzene
Concen: 4.966 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Tgt Ion: 78 Resp: 219325





#34

Trichloroethene

Concen: 4.905 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VV030143.D

Acq: 08 Mar 2023 10:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005294

Tgt Ion: 95 Resp: 60701

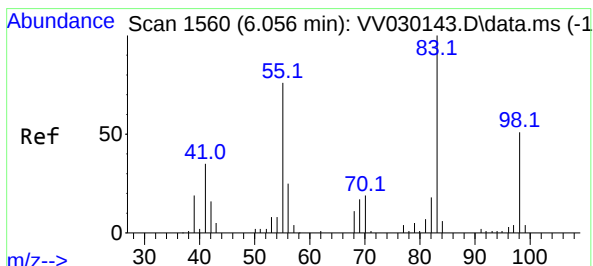
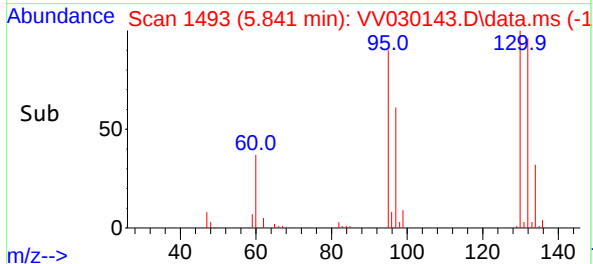
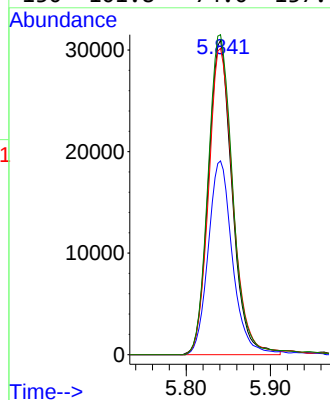
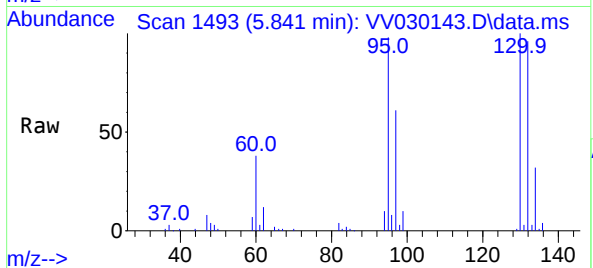
Ion Ratio Lower Upper

95 100

97 61.6 46.5 86.5

132 97.4 71.7 133.3

130 101.8 74.0 137.4



#35

Methylcyclohexane

Concen: 4.527 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. -0.003 min

Lab File: VV030143.D

Acq: 08 Mar 2023 10:59

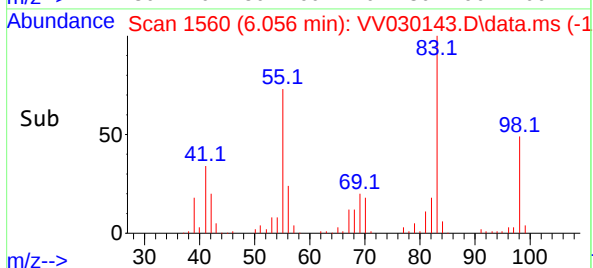
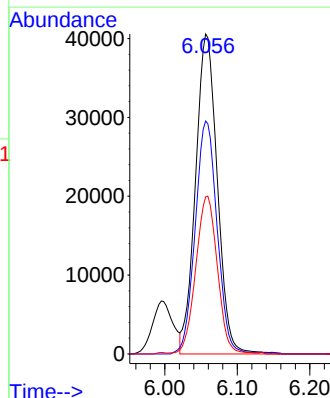
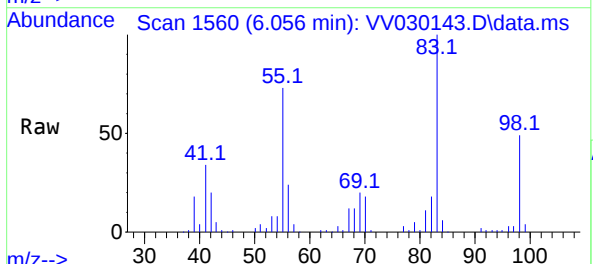
Tgt Ion: 83 Resp: 84788

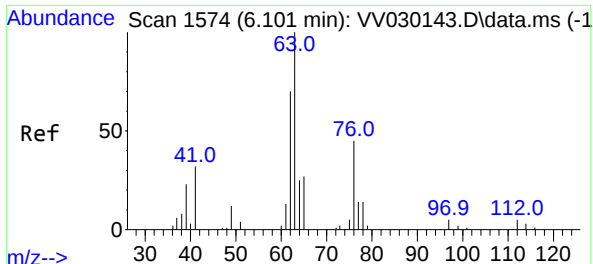
Ion Ratio Lower Upper

83 100

55 73.3 57.6 86.4

98 47.9 38.8 58.2

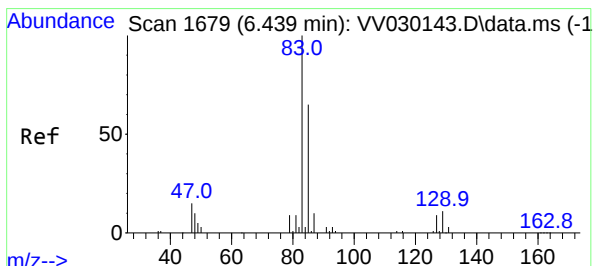
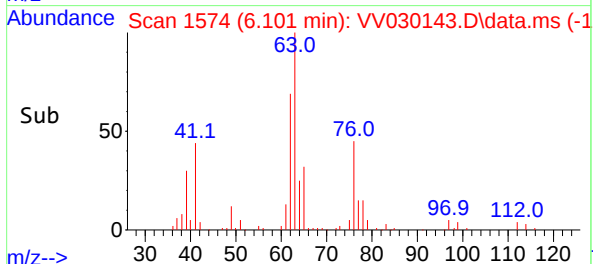
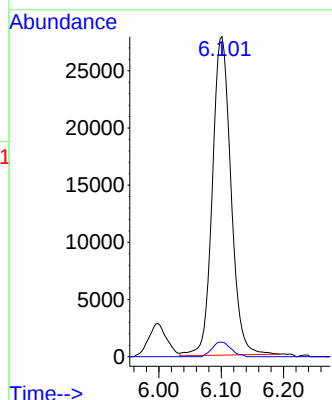
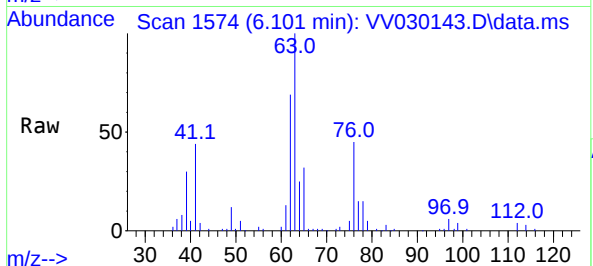




#37
1,2-Dichloropropane
Concen: 5.137 ug/L
RT: 6.101 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

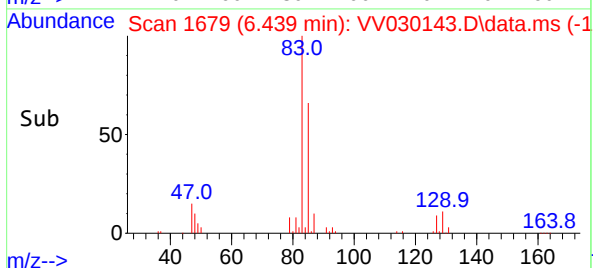
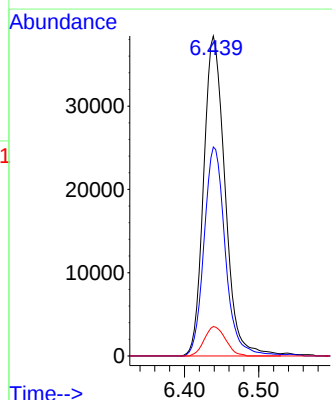
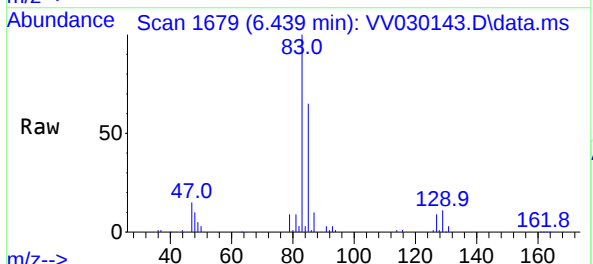
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

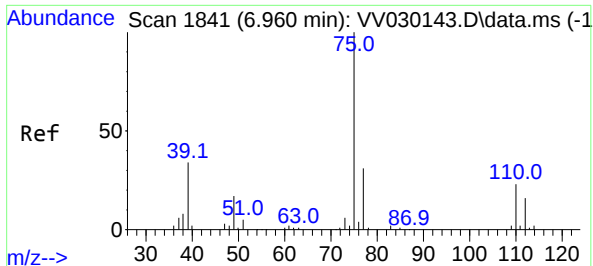
Tgt Ion: 63 Resp: 57719
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.6



#38
Bromodichloromethane
Concen: 5.356 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. -0.003 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Tgt Ion: 83 Resp: 76833
Ion Ratio Lower Upper
83 100
85 65.3 44.3 82.3
127 9.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.831 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. -0.003 min

Lab File: VV030143.D

Acq: 08 Mar 2023 10:59

Instrument :

MSVOA_V

ClientSampleId :

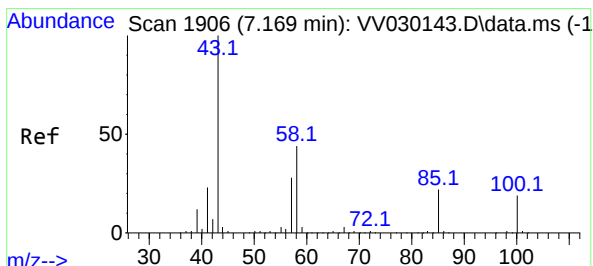
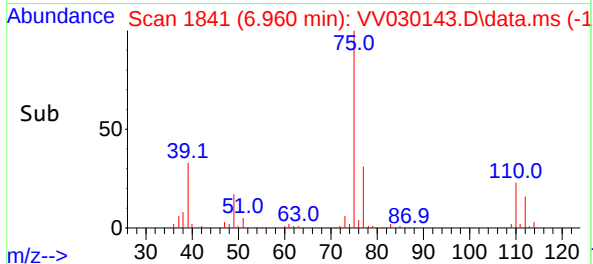
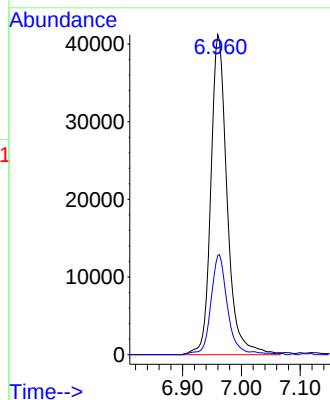
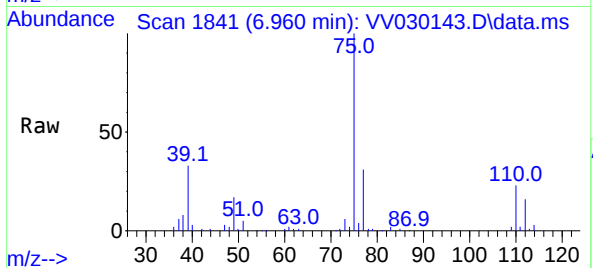
VSTD005294

Tgt Ion: 75 Resp: 79465

Ion Ratio Lower Upper

75 100

77 31.1 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 51.935 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VV030143.D

Acq: 08 Mar 2023 10:59

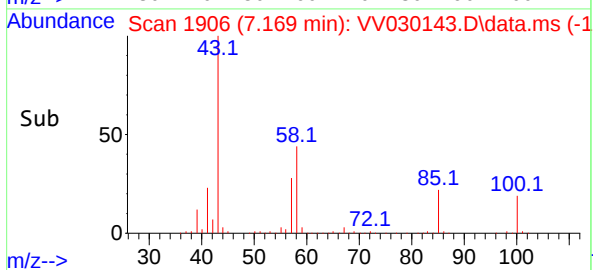
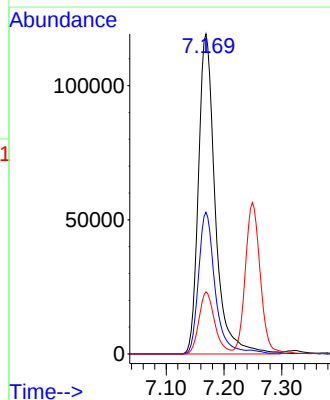
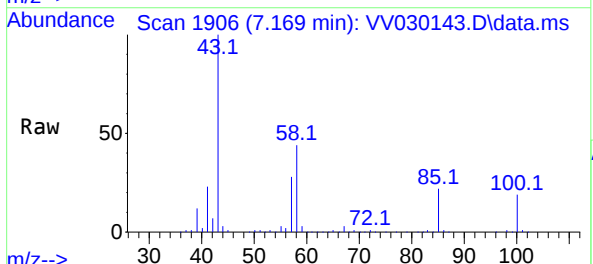
Tgt Ion: 43 Resp: 240801

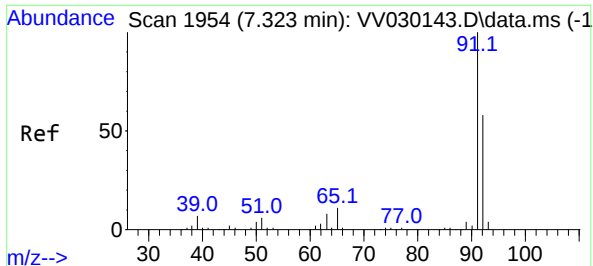
Ion Ratio Lower Upper

43 100

58 43.3 35.3 52.9

100 18.2 14.7 22.1





#42

Toluene

Concen: 5.093 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VV030143.D

Acq: 08 Mar 2023 10:59

Instrument :

MSVOA_V

ClientSampleId :

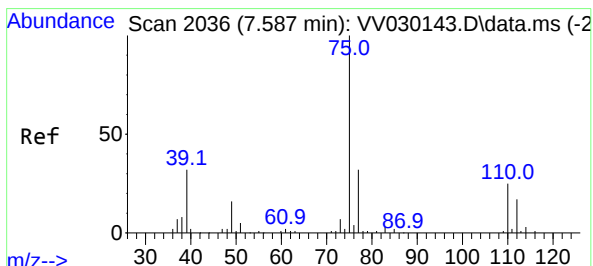
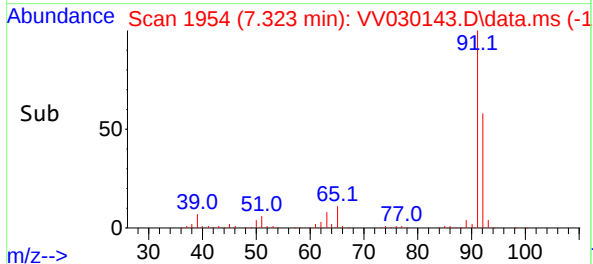
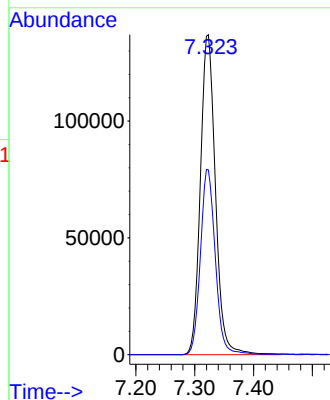
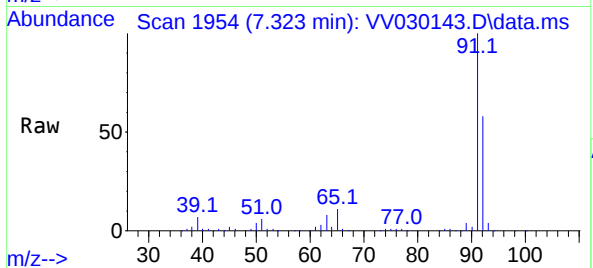
VSTD005294

Tgt Ion: 91 Resp: 243632

Ion Ratio Lower Upper

91 100

92 57.8 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 5.131 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.003 min

Lab File: VV030143.D

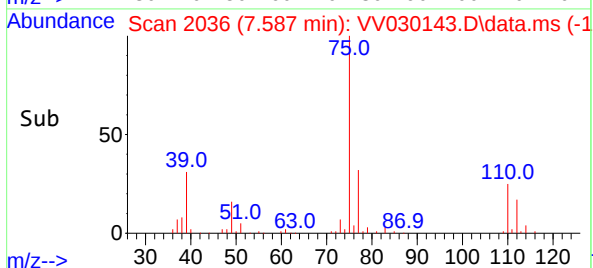
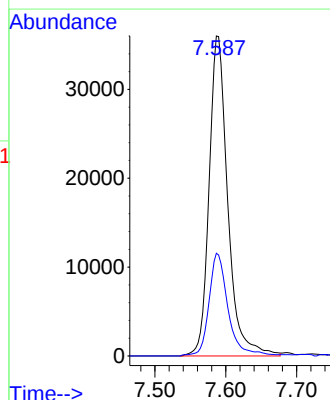
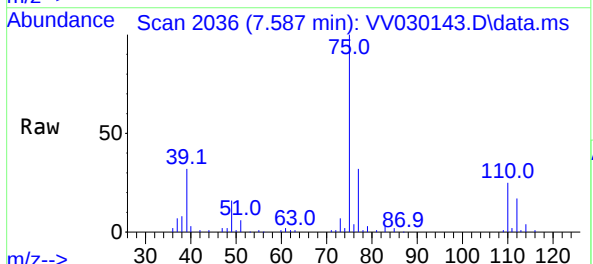
Acq: 08 Mar 2023 10:59

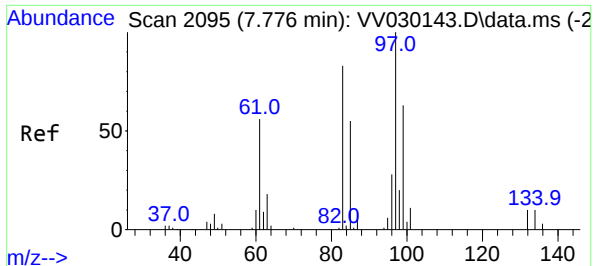
Tgt Ion: 75 Resp: 65879

Ion Ratio Lower Upper

75 100

77 32.1 22.1 41.1



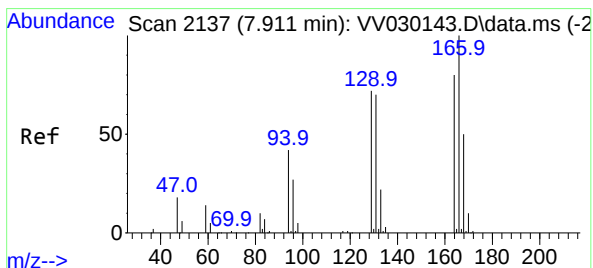
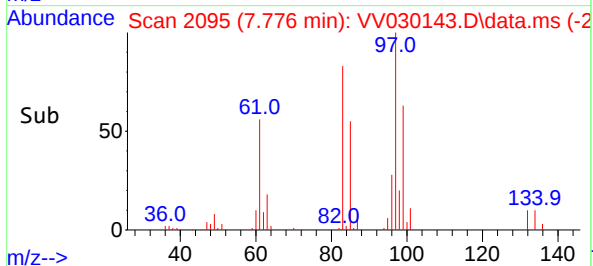
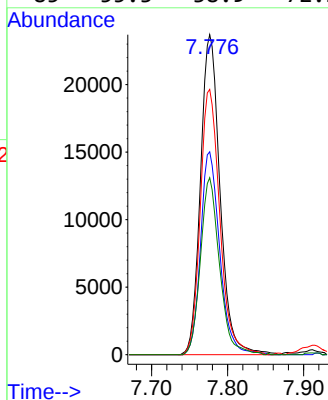
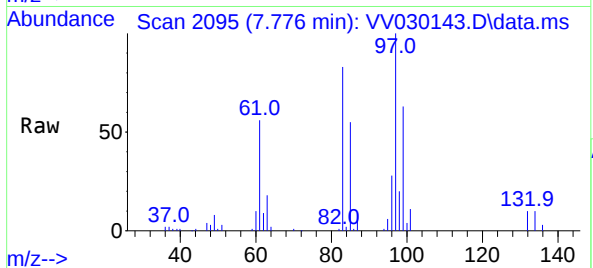


#45
1,1,2-Trichloroethane
Concen: 5.274 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

Tgt Ion: 97 Resp: 42401

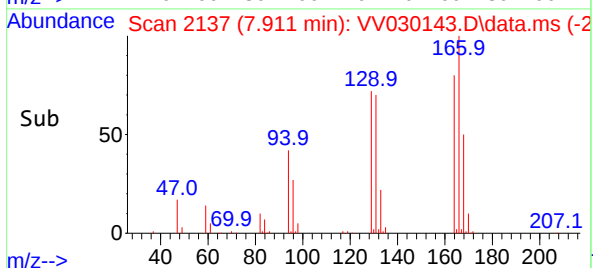
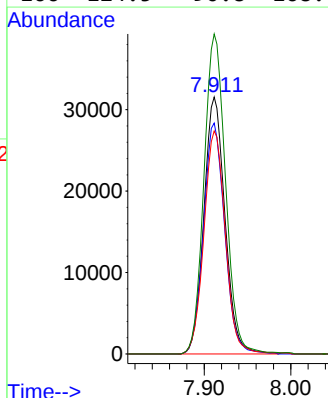
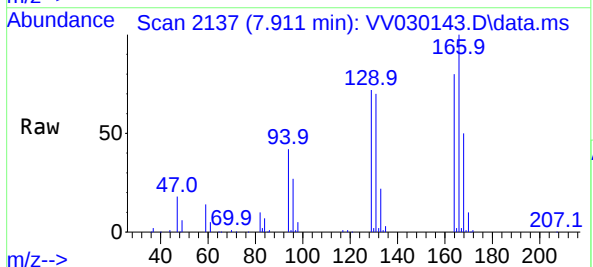
Ion	Ratio	Lower	Upper
97	100		
99	63.4	42.6	79.2
83	82.9	57.7	107.3
85	55.3	38.9	72.2

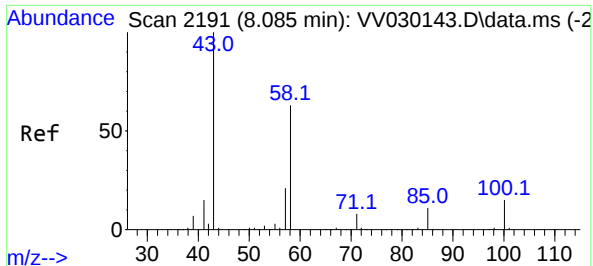


#47
Tetrachloroethene
Concen: 5.043 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Tgt Ion: 164 Resp: 53568

Ion	Ratio	Lower	Upper
164	100		
129	89.9	63.6	118.2
131	86.8	61.7	114.7
166	124.5	90.8	168.6



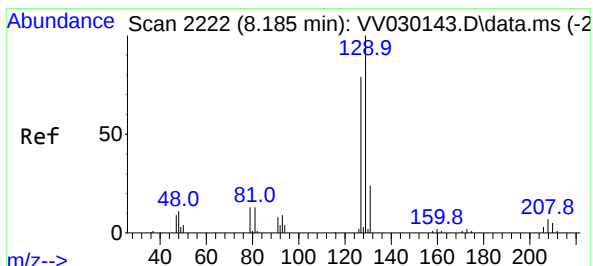
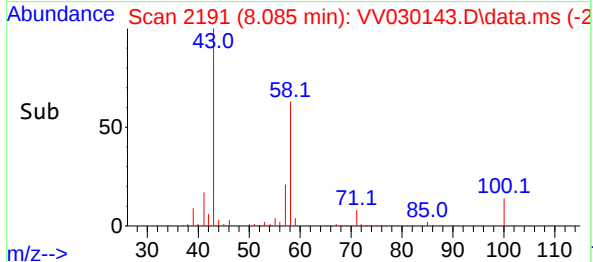
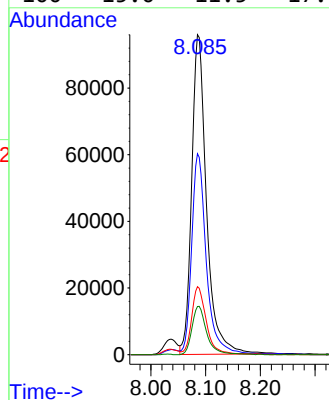
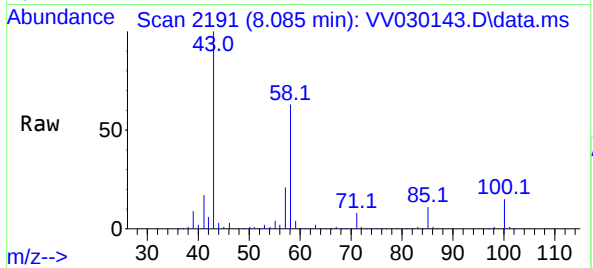


#48
2-Hexanone
Concen: 54.475 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

Tgt Ion: 43 Resp: 180816

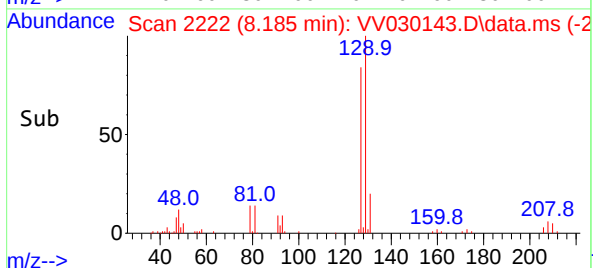
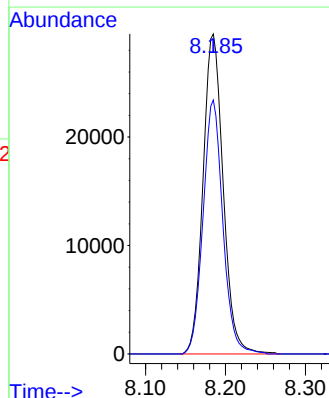
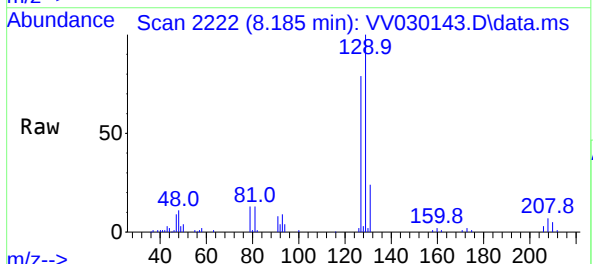
Ion	Ratio	Lower	Upper
43	100		
58	61.0	49.8	74.8
57	20.7	16.6	24.8
100	15.0	11.5	17.3

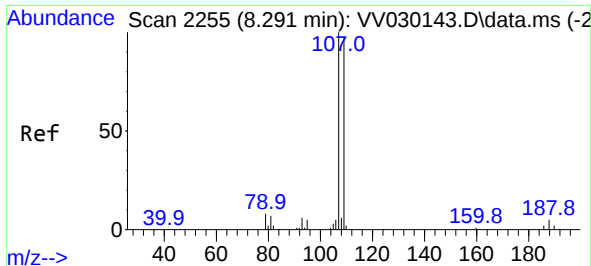


#49
Dibromochloromethane
Concen: 5.501 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Tgt Ion: 129 Resp: 51756

Ion	Ratio	Lower	Upper
129	100		
127	79.4	54.7	101.5

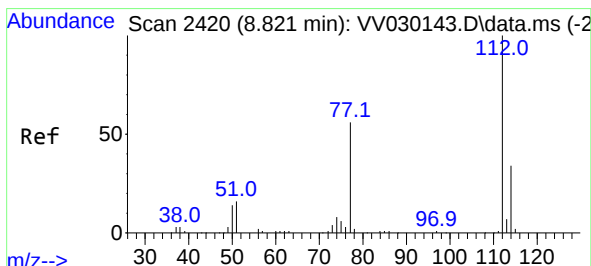
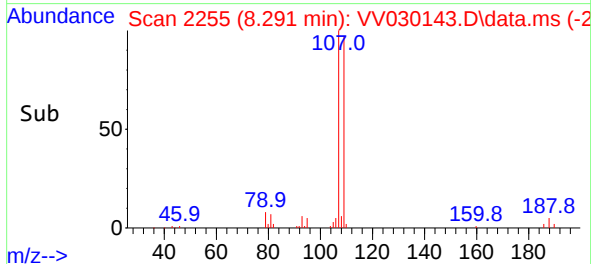
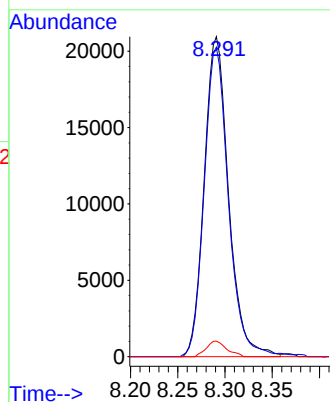
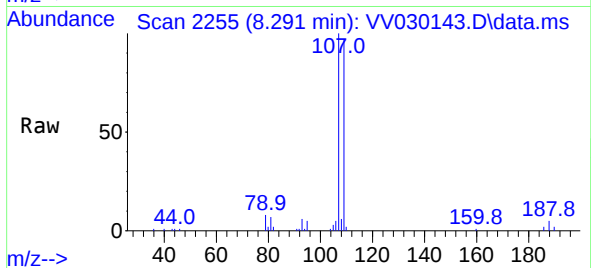




#50
1,2-Dibromoethane
Concen: 5.014 ug/L
RT: 8.291 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

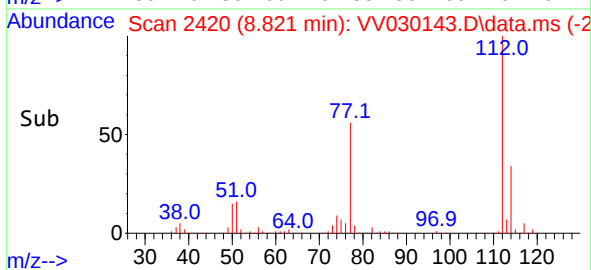
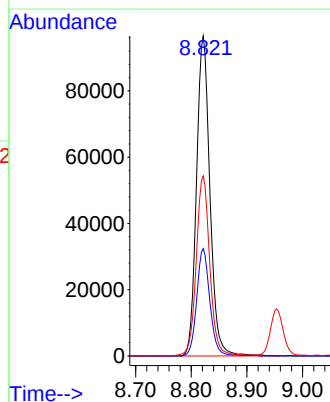
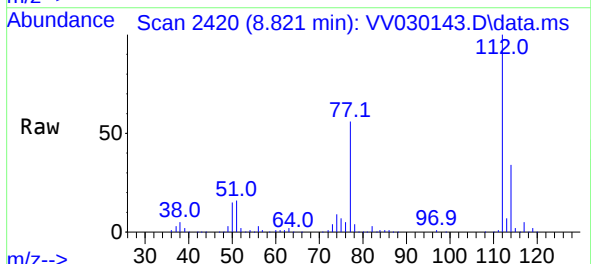
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

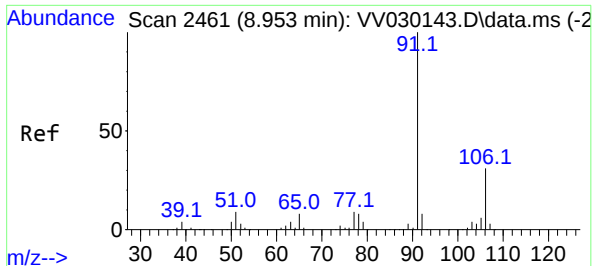
Tgt Ion:107 Resp: 37610
Ion Ratio Lower Upper
107 100
109 96.7 63.3 117.7
188 4.8 3.0 4.6#



#51
Chlorobenzene
Concen: 5.016 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Tgt Ion:112 Resp: 161812
Ion Ratio Lower Upper
112 100
114 33.6 22.5 41.7
77 56.2 45.3 67.9

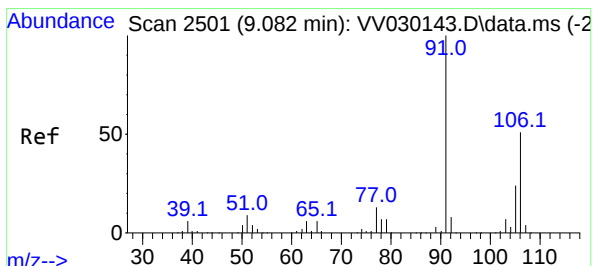
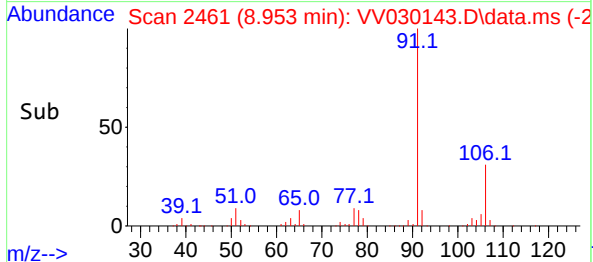
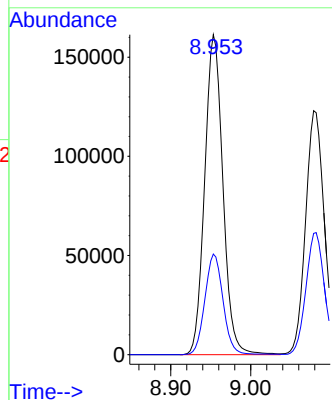
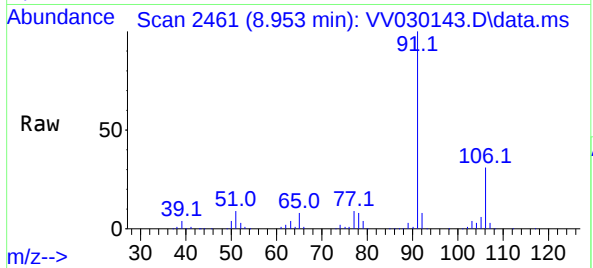




#52
Ethylbenzene
Concen: 4.925 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

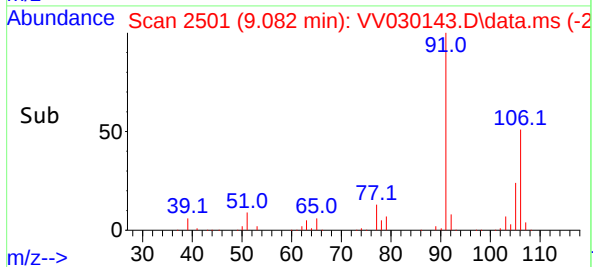
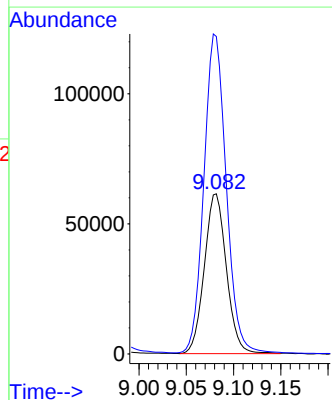
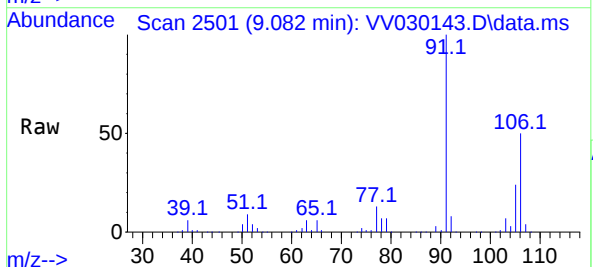
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

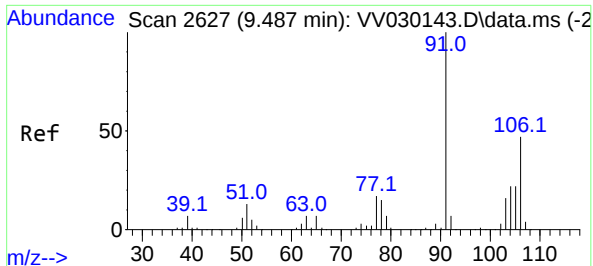
Tgt Ion: 91 Resp: 256393
Ion Ratio Lower Upper
91 100
106 31.4 22.0 40.8



#53
m,p-Xylene
Concen: 4.978 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Tgt Ion: 106 Resp: 99600
Ion Ratio Lower Upper
106 100
91 198.2 142.5 264.7

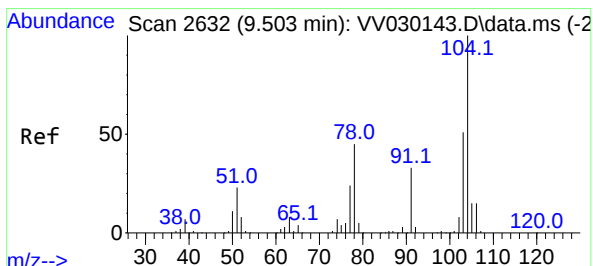
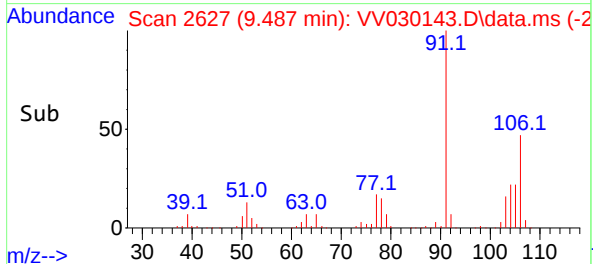
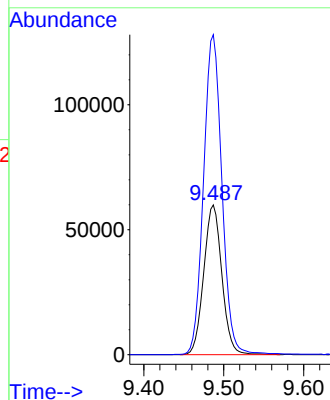
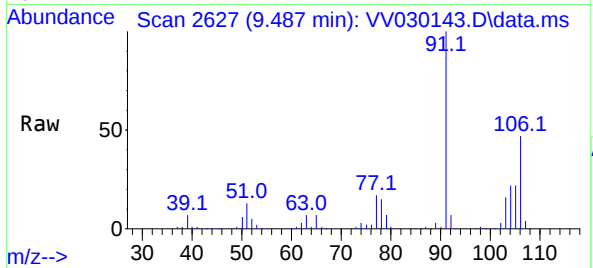




#54
o-Xylene
Concen: 4.954 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

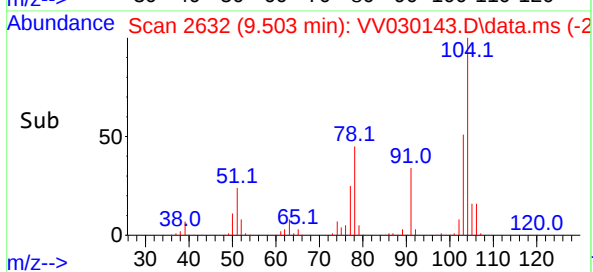
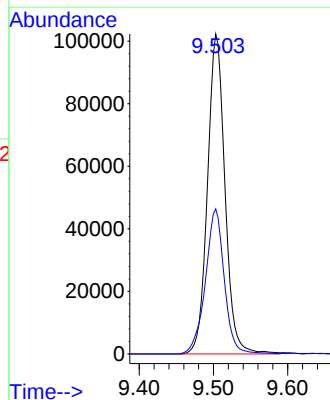
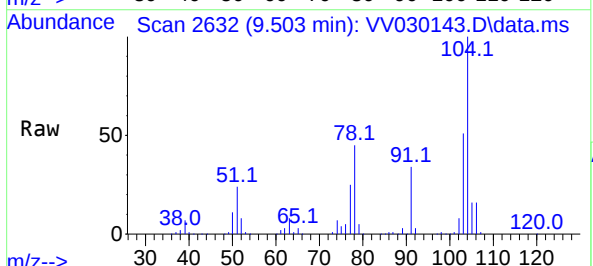
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

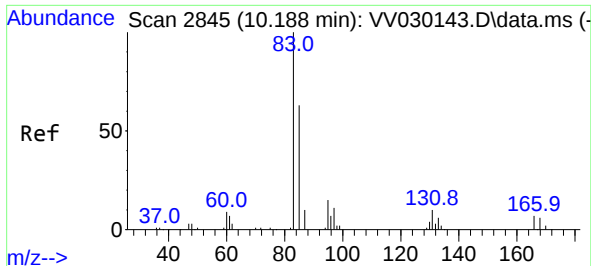
Tgt Ion:106 Resp: 94676
Ion Ratio Lower Upper
106 100
91 213.6 148.8 276.4



#55
Styrene
Concen: 5.256 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Tgt Ion:104 Resp: 167054
Ion Ratio Lower Upper
104 100
78 45.4 31.1 57.9

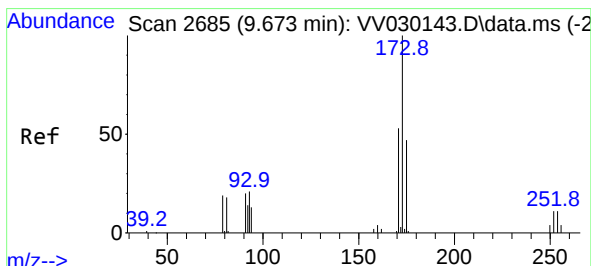
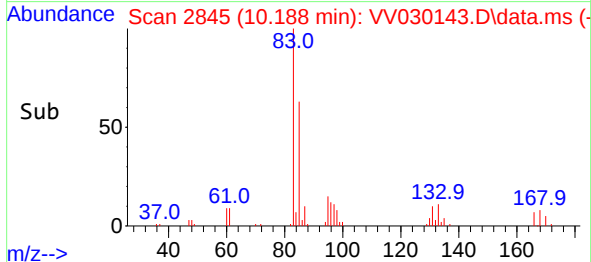
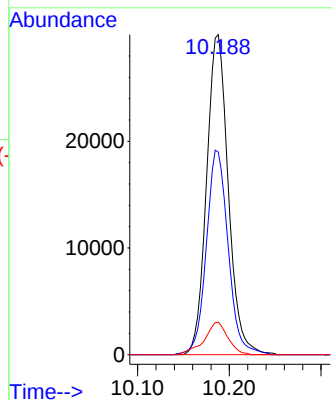
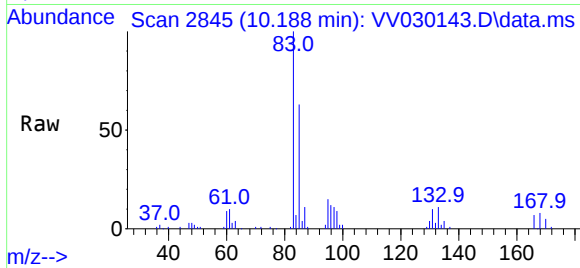




#57
1,1,2,2-Tetrachloroethane
Concen: 5.487 ug/L
RT: 10.188 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

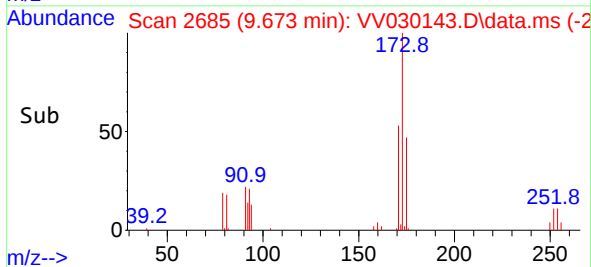
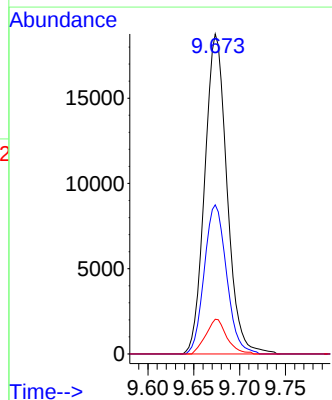
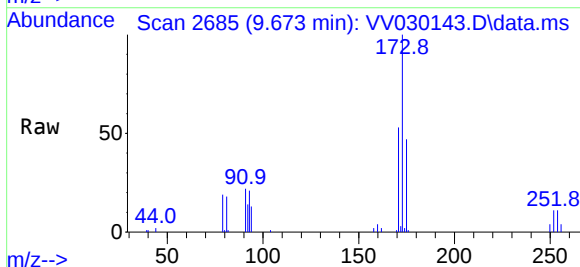
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

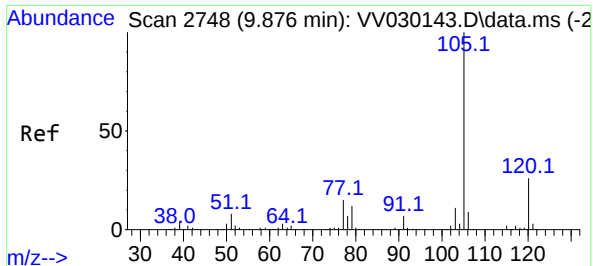
Tgt Ion:	83	Resp:	49348
Ion	Ratio	Lower	Upper
83	100		
85	63.3	45.0	83.6
131	10.2	8.2	12.4



#59
Bromoform
Concen: 5.488 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Tgt Ion:	173	Resp:	31689
Ion	Ratio	Lower	Upper
173	100		
175	46.7	38.5	57.7
254	10.2	8.6	13.0

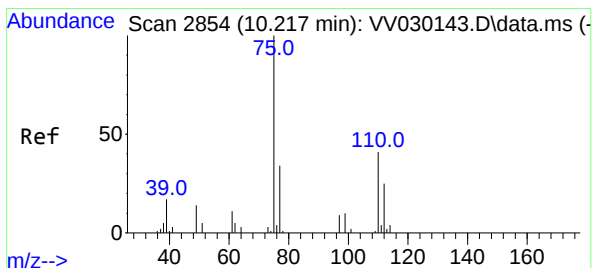
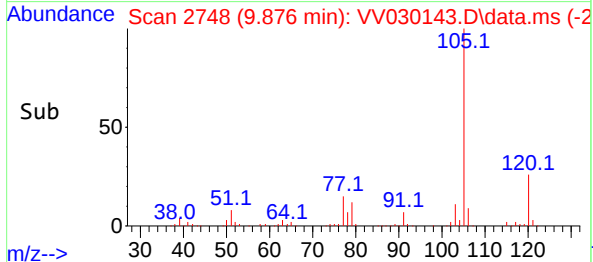
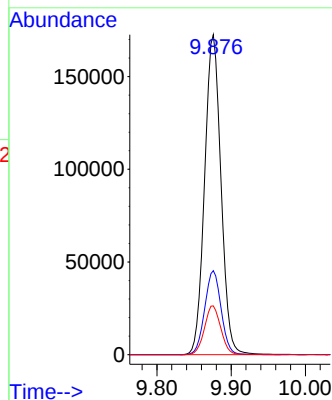
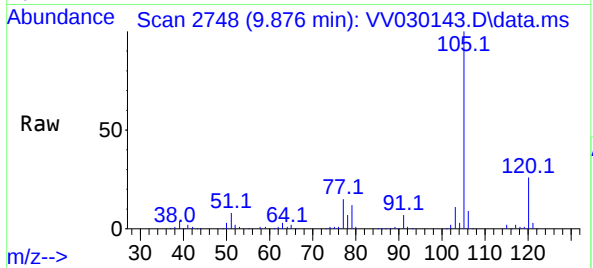




#60
Isopropylbenzene
Concen: 4.760 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

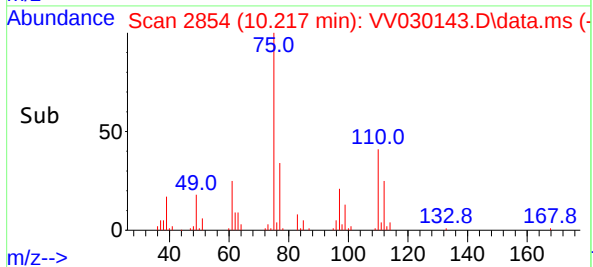
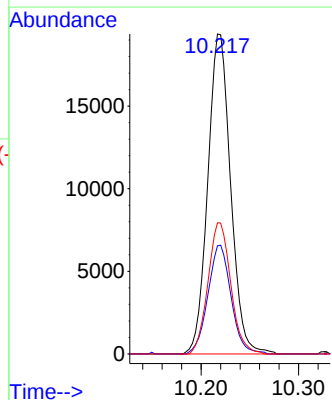
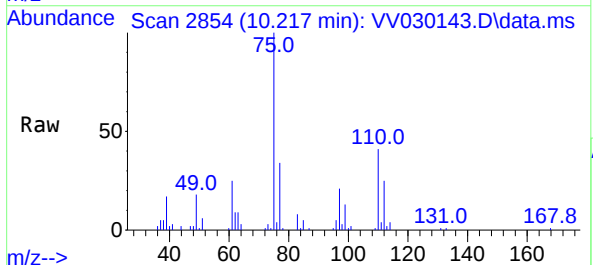
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

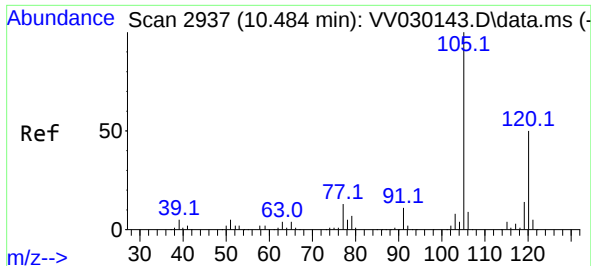
Tgt Ion:105 Resp: 263857
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.0
77 15.2 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 4.891 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.003 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Tgt Ion: 75 Resp: 31538
Ion Ratio Lower Upper
75 100
77 34.5 26.5 39.7
110 41.0 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 4.662 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VV030143.D

Acq: 08 Mar 2023 10:59

Instrument :

MSVOA_V

ClientSampleId :

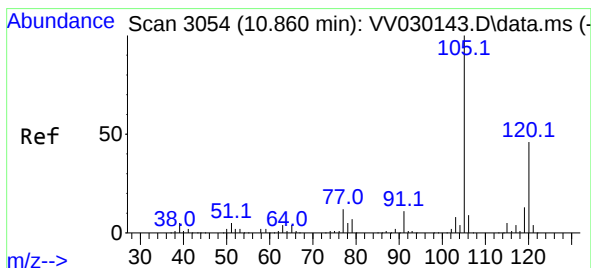
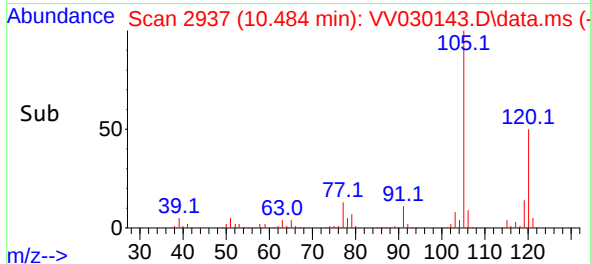
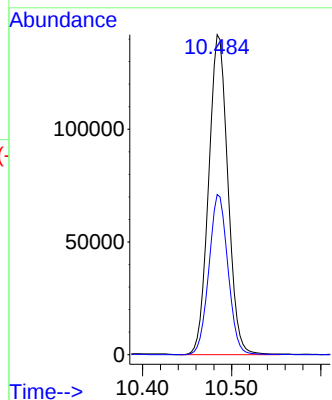
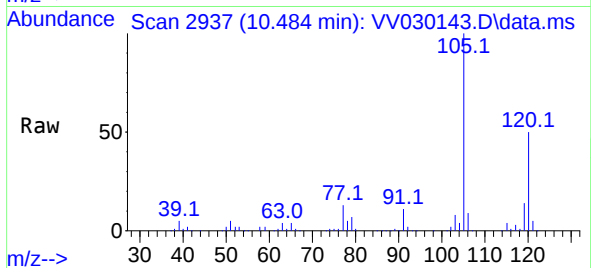
VSTD005294

Tgt Ion:105 Resp: 212275

Ion Ratio Lower Upper

105 100

120 49.6 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.774 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VV030143.D

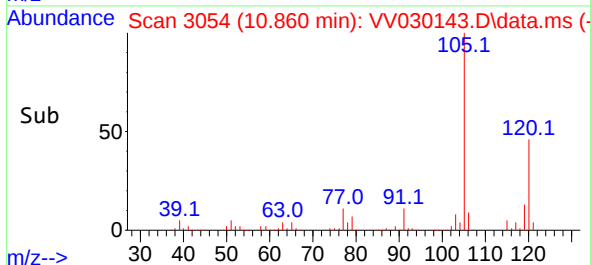
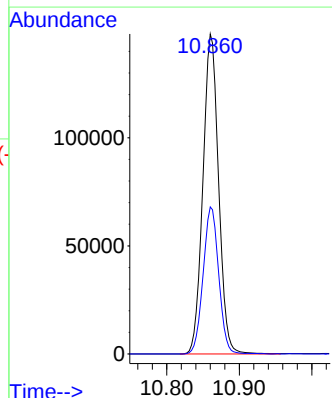
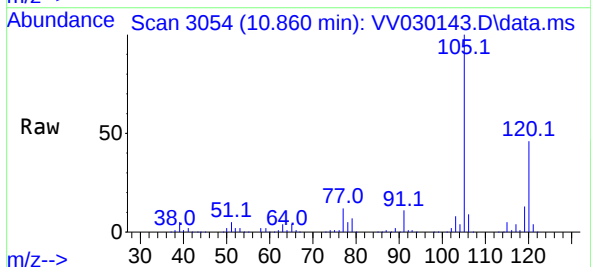
Acq: 08 Mar 2023 10:59

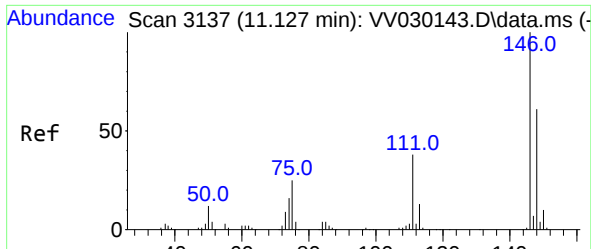
Tgt Ion:105 Resp: 222356

Ion Ratio Lower Upper

105 100

120 45.6 36.2 54.4

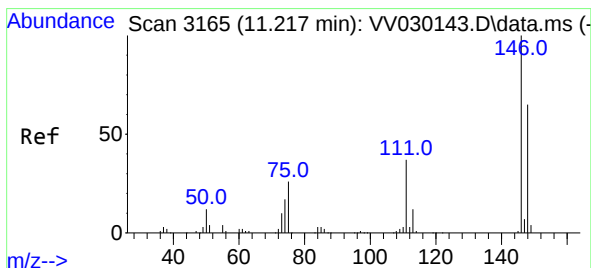
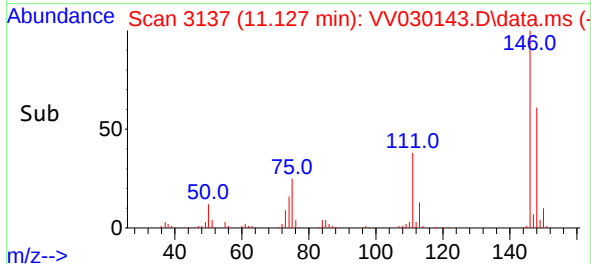
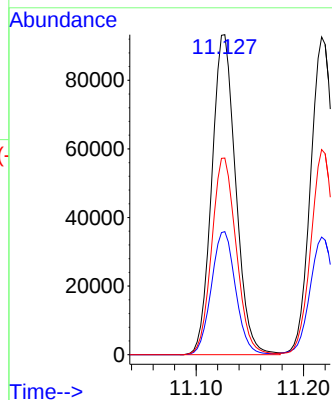
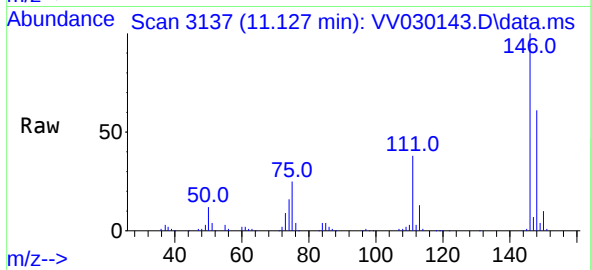




#64
1,3-Dichlorobenzene
Concen: 5.004 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

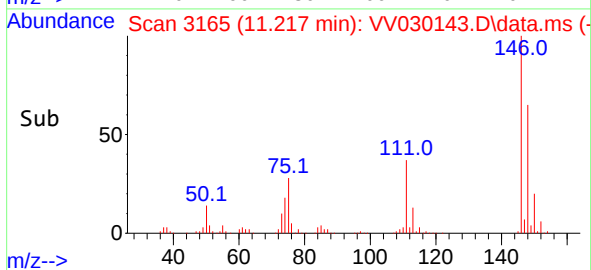
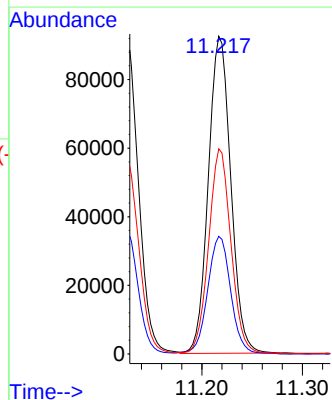
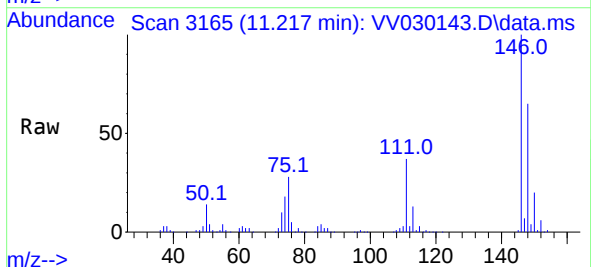
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

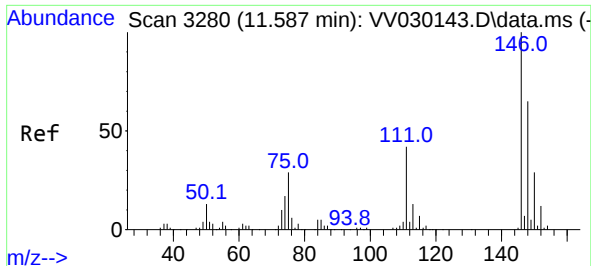
Tgt Ion:146 Resp: 144431
Ion Ratio Lower Upper
146 100
111 38.4 27.7 51.5
148 61.4 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 4.933 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Tgt Ion:146 Resp: 143638
Ion Ratio Lower Upper
146 100
111 37.0 27.4 51.0
148 64.6 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 5.072 ug/L

RT: 11.587 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030143.D

Acq: 08 Mar 2023 10:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005294

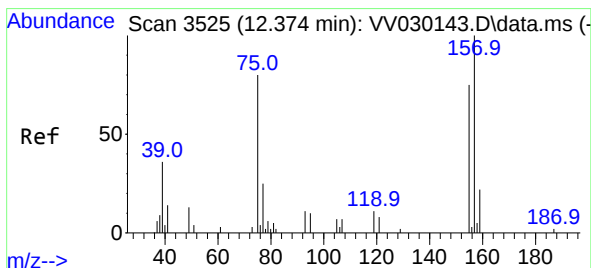
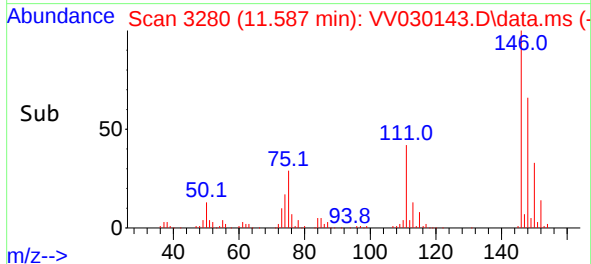
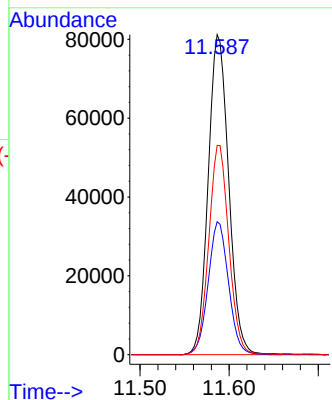
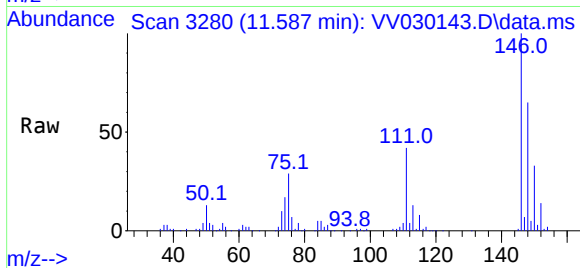
Tgt Ion:146 Resp: 129264

Ion Ratio Lower Upper

146 100

111 41.6 33.5 50.3

148 65.4 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.892 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. -0.000 min

Lab File: VV030143.D

Acq: 08 Mar 2023 10:59

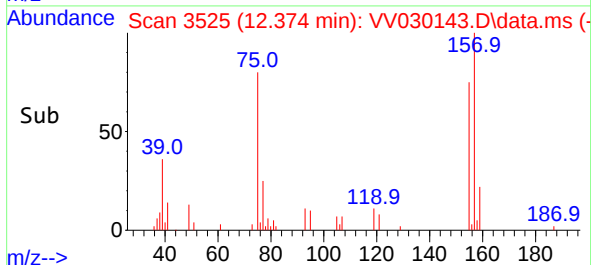
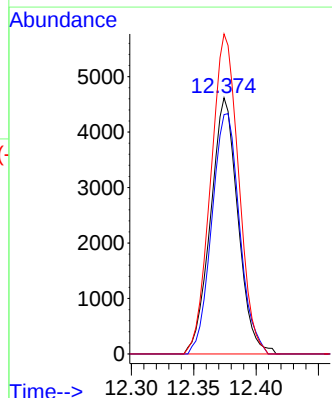
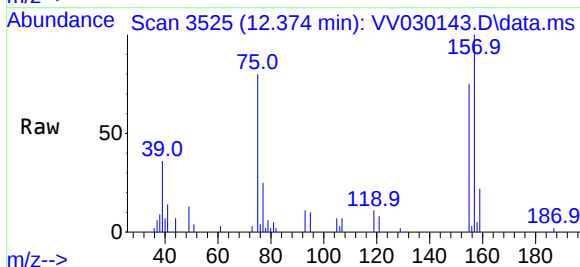
Tgt Ion: 75 Resp: 7045

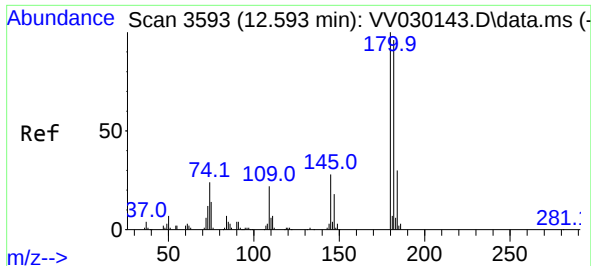
Ion Ratio Lower Upper

75 100

155 93.4 79.1 118.7

157 125.0 95.5 143.3



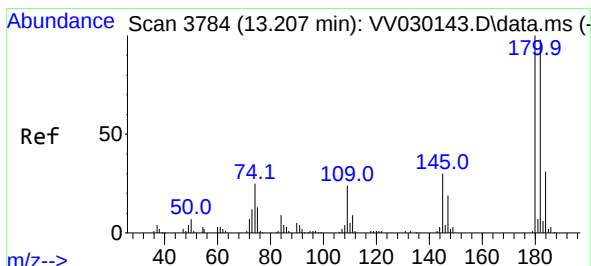
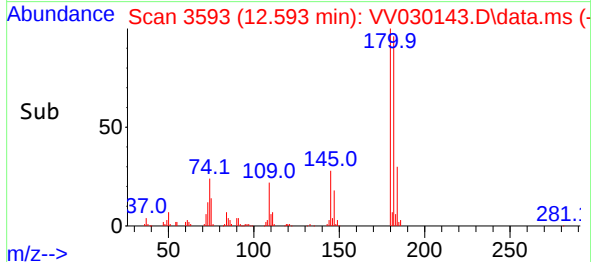
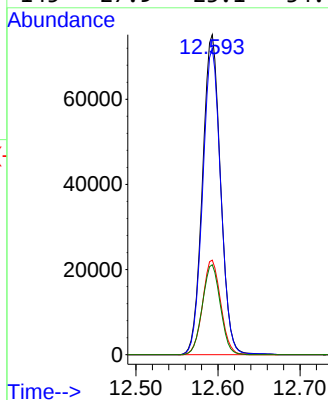
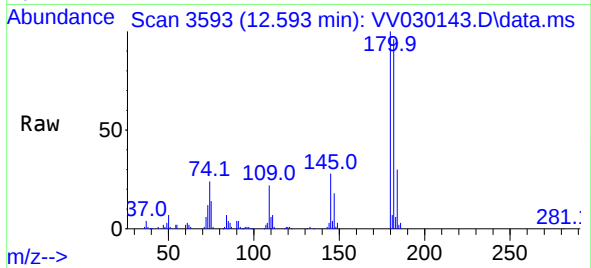


#69
1,3,5-Trichlorobenzene
Concen: 4.843 ug/L
RT: 12.593 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

Tgt Ion:180 Resp: 114911

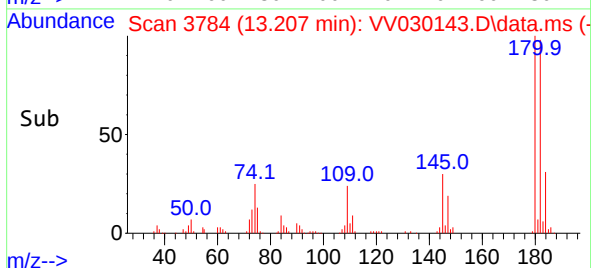
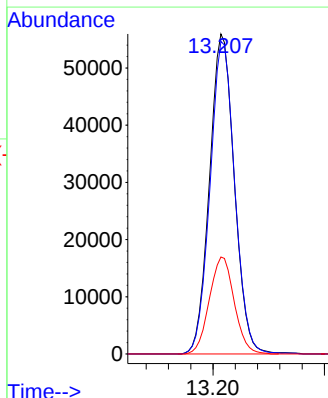
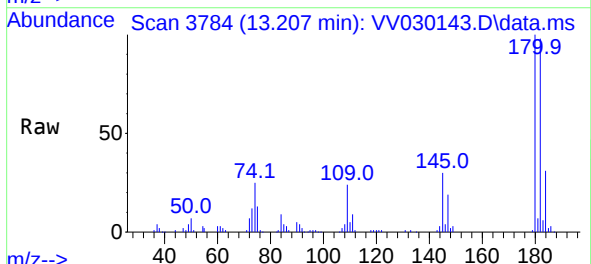
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.5	114.7
184	29.6	24.3	36.5
145	27.9	23.1	34.7

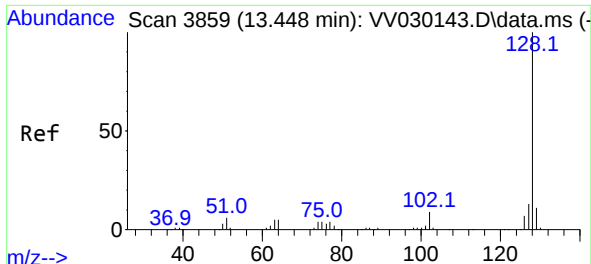


#70
1,2,4-trichlorobenzene
Concen: 4.490 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Tgt Ion:180 Resp: 86306

Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.3	115.9
145	30.4	23.1	34.7

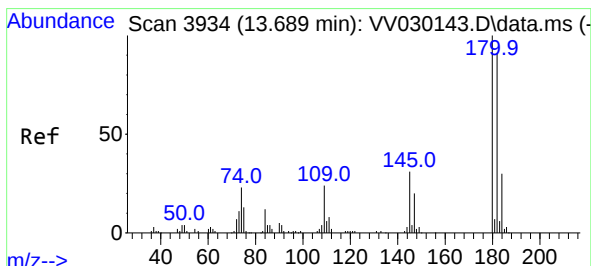
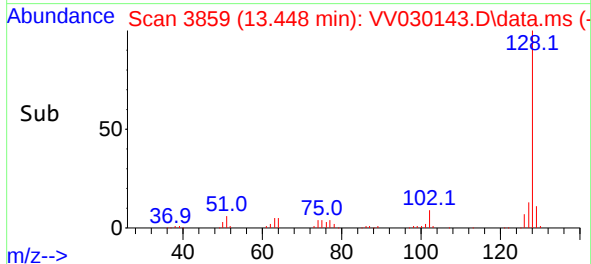
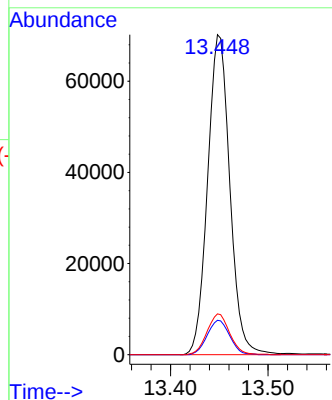
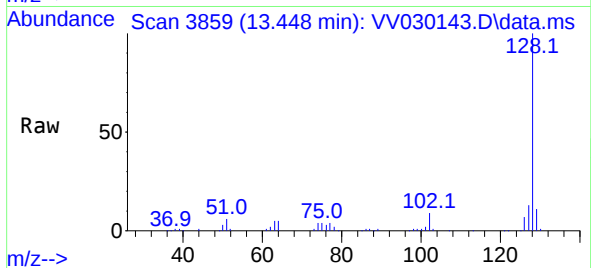




#71
Naphthalene
Concen: 4.425 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

Tgt Ion:128 Resp: 111152
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.783 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030143.D
Acq: 08 Mar 2023 10:59

Tgt Ion:180 Resp: 75674
Ion Ratio Lower Upper
180 100
182 93.8 76.2 114.2
145 30.4 25.1 37.7

