

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041423\
 Data File : VW030560.D
 Acq On : 14 Apr 2023 09:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005334

Quant Time: Apr 15 01:51:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 05:16:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	124580	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	125851	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	71287	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	47012	5.698	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.000%
7) Chloroethane-d5	1.535	69	37317	4.660	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.066	63	100379	5.127	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.600%
20) 2-Butanone-d5	3.815	46	81651	38.286	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.580%
24) Chloroform-d	4.256	84	91525	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.950	65	44269	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	4.969	84	158006	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	5.998	67	47187	4.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.249	98	151228	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.561	79	17456	4.176	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.034	63	64164	38.198	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.400%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36258	4.143	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	53632	4.209	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	66757	4.215	ug/L	99
3) Chloromethane	1.217	50	82507	4.129	ug/L	99
5) Vinyl chloride	1.285	62	65177	4.474	ug/L	98
6) Bromomethane	1.490	94	22777	5.481	ug/L	100
8) Chloroethane	1.555	64	40166	4.813	ug/L	99
9) Trichlorofluoromethane	1.719	101	109351	5.149	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	56157	4.791	ug/L	100
12) 1,1-Dichloroethene	2.072	96	51349	4.933	ug/L	93
13) Acetone	2.143	43	113209	55.512	ug/L	85
14) Carbon disulfide	2.246	76	144480	4.214	ug/L	99
15) Methyl Acetate	2.391	43	18337	5.032	ug/L	93
16) Methylene chloride	2.452	84	58019	4.712	ug/L	96
17) Methyl tert-butyl Ether	2.712	73	96534	4.379	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	48682	4.439	ug/L	99
19) 1,1-Dichloroethane	3.117	63	100513	4.728	ug/L	98
21) 2-Butanone	3.895	43	124652	48.563	ug/L	99
22) cis-1,2-Dichloroethene	3.825	96	51658	4.694	ug/L	99
23) Bromochloromethane	4.156	128	23502	4.572	ug/L	94
25) Chloroform	4.285	83	104982	4.887	ug/L	96

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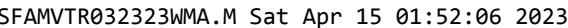
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 ClientSampleId :
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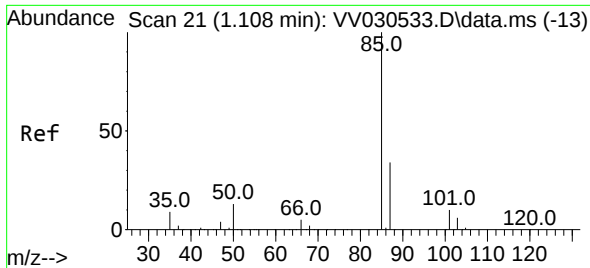
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	65002	5.004	ug/L	98
29) 1,1,1-Trichloroethane	4.519	97	100642	4.975	ug/L	98
30) Cyclohexane	4.593	56	76507	4.152	ug/L	99
31) Carbon tetrachloride	4.744	117	86105	4.691	ug/L	99
33) Benzene	5.018	78	209829	4.694	ug/L	100
34) Trichloroethene	5.841	95	54343	4.508	ug/L	99
35) Methylcyclohexane	6.059	83	81290	4.296	ug/L	98
37) 1,2-Dichloropropane	6.101	63	53423	4.655	ug/L	97
38) Bromodichloromethane	6.439	83	72296	4.811	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	70371	4.361	ug/L	100
40) 4-Methyl-2-pentanone	7.165	43	286631	47.400	ug/L	99
42) Toluene	7.323	91	233061	4.895	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	59886	4.362	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	36472	4.514	ug/L	99
47) Tetrachloroethene	7.911	164	47925	4.504	ug/L	96
48) 2-Hexanone	8.085	43	226554	50.025	ug/L	98
49) Dibromochloromethane	8.185	129	44432	4.620	ug/L	99
50) 1,2-Dibromoethane	8.291	107	32701	4.448	ug/L	87
51) Chlorobenzene	8.821	112	142345	4.669	ug/L	97
52) Ethylbenzene	8.953	91	239814	4.604	ug/L	99
53) m,p-Xylene	9.082	106	92605	4.644	ug/L	95
54) o-Xylene	9.487	106	87300	4.576	ug/L	97
55) Styrene	9.503	104	160367	4.949	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	43098	4.494	ug/L	99
59) Bromoform	9.670	173	26231	4.553	ug/L	98
60) Isopropylbenzene	9.876	105	247422	4.706	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	28922	4.538	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	194545	4.535	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	204313	4.673	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	126723	4.834	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	124959	4.731	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	109809	4.648	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	6792	4.284	ug/L	97
69) 1,3,5-Trichlorobenzene	12.593	180	92759	4.595	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	71892	4.613	ug/L	100
71) Naphthalene	13.448	128	91063	4.091	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	59535	4.410	ug/L	99

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

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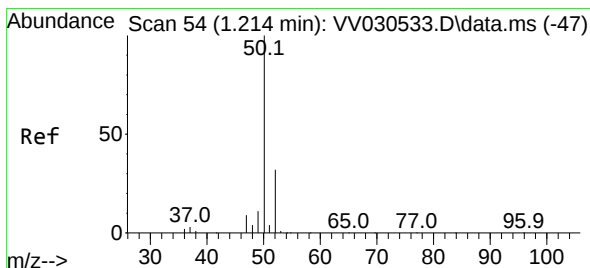
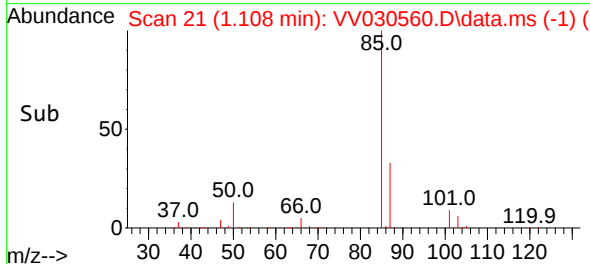
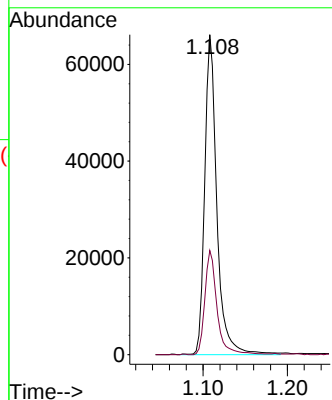
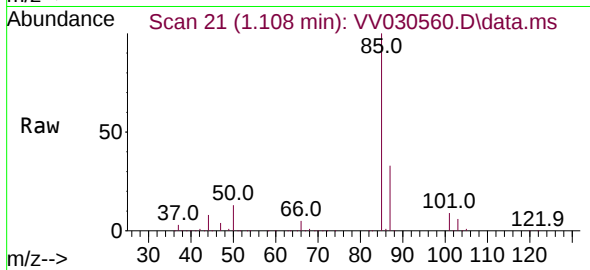




#2
 Dichlorodifluoromethane
 Concen: 4.215 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030560.D
 Acq: 14 Apr 2023 09:26

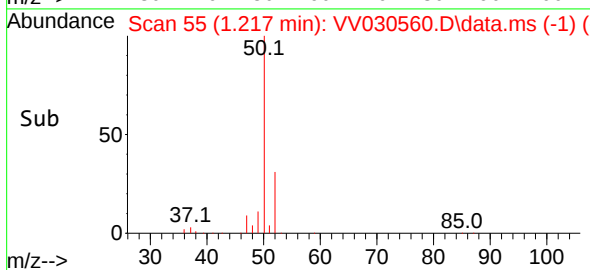
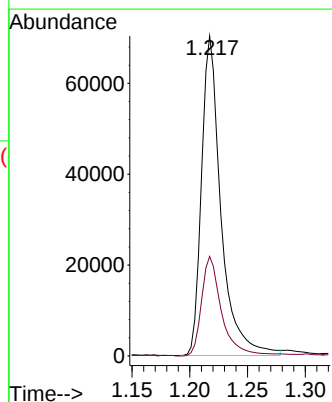
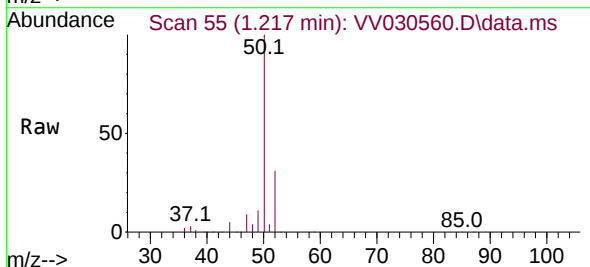
Instrument :
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 ClientSampleId :
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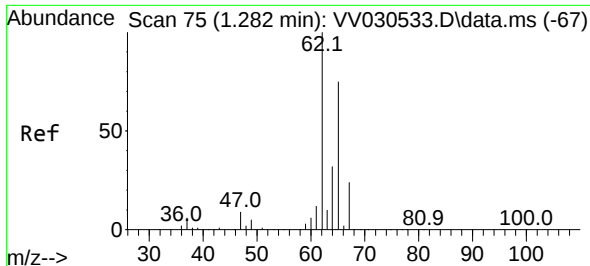
Tgt Ion: 85 Resp: 66757
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.6 38.4



#3
 Chloromethane
 Concen: 4.129 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV030560.D
 Acq: 14 Apr 2023 09:26

Tgt Ion: 50 Resp: 82507
 Ion Ratio Lower Upper
 50 100
 52 31.1 22.3 41.5

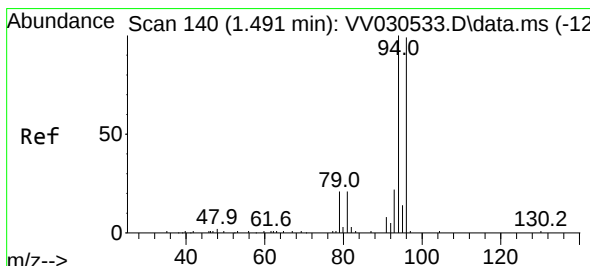
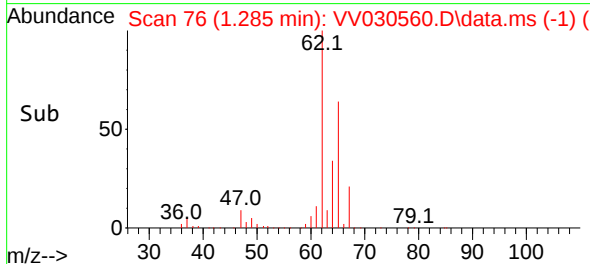
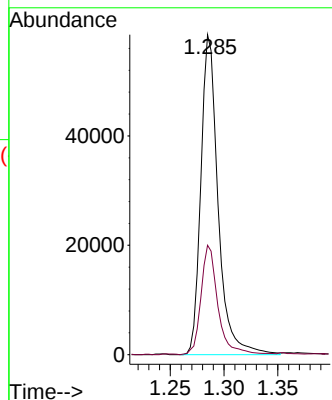
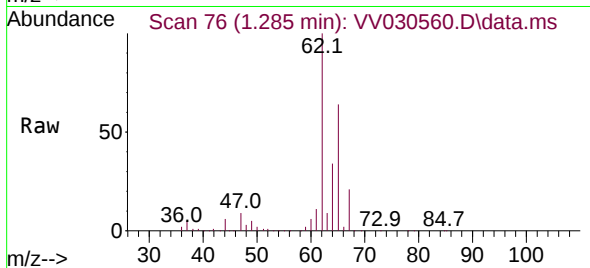




#5
 Vinyl chloride
 Concen: 4.474 ug/L
 RT: 1.285 min Scan# 75
 Delta R.T. 0.003 min
 Lab File: VV030560.D
 Acq: 14 Apr 2023 09:26

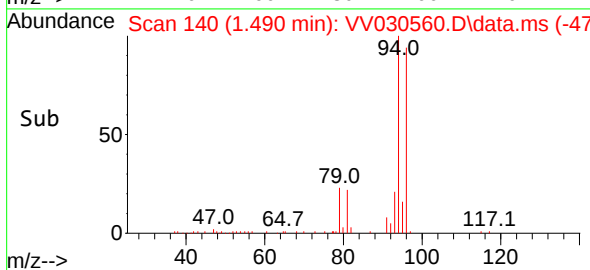
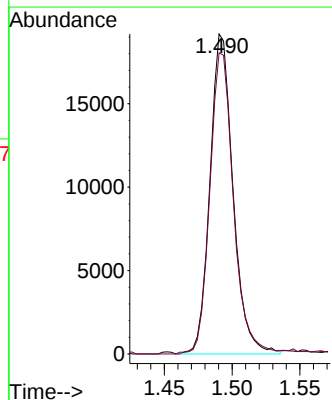
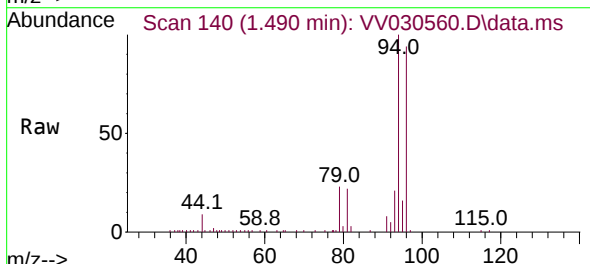
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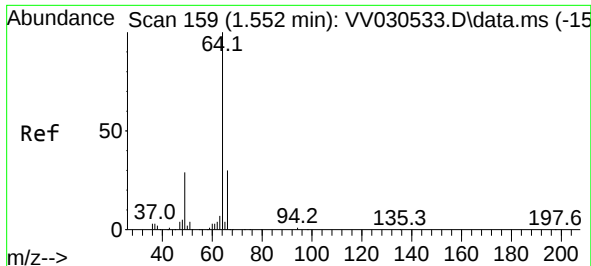
Tgt Ion: 62 Resp: 65177
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.2 43.2



#6
 Bromomethane
 Concen: 5.481 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV030560.D
 Acq: 14 Apr 2023 09:26

Tgt Ion: 94 Resp: 22777
 Ion Ratio Lower Upper
 94 100
 96 94.1 66.1 122.7

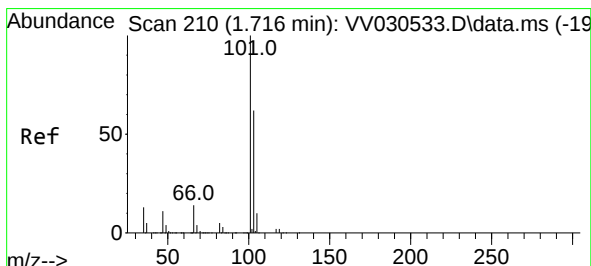
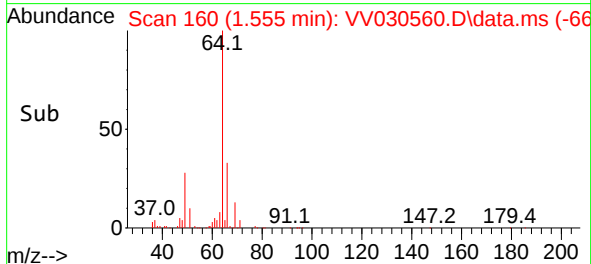
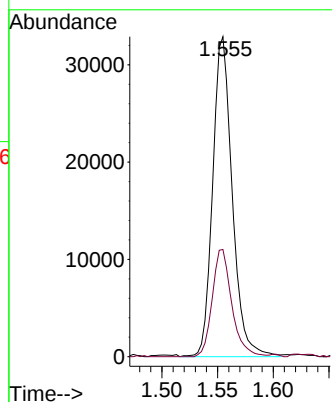
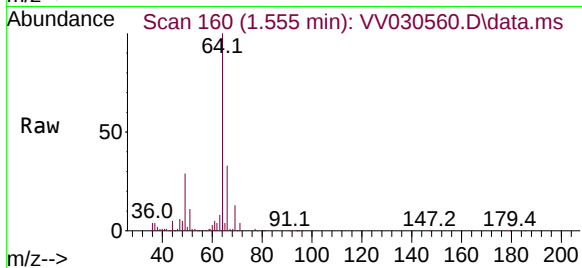




#8
Chloroethane
Concen: 4.813 ug/L
RT: 1.555 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

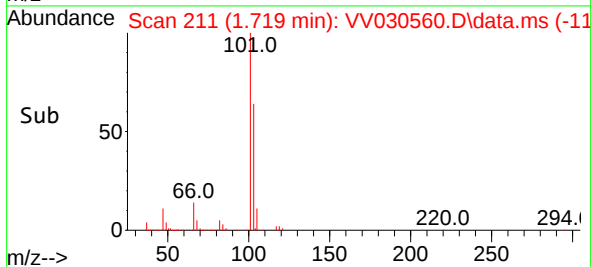
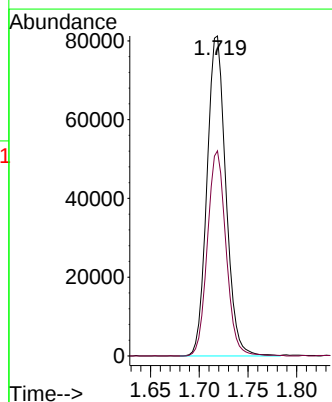
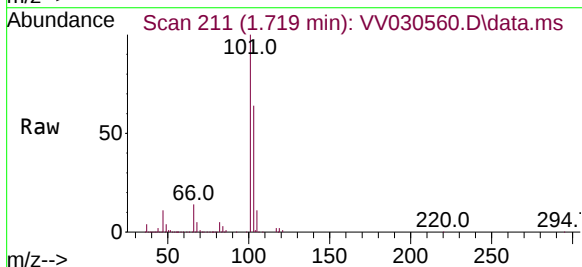
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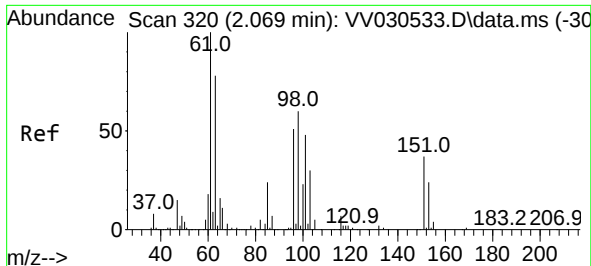
Tgt Ion: 64 Resp: 40166
Ion Ratio Lower Upper
64 100
66 33.5 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.149 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

Tgt Ion:101 Resp: 109351
Ion Ratio Lower Upper
101 100
103 63.1 51.0 76.6

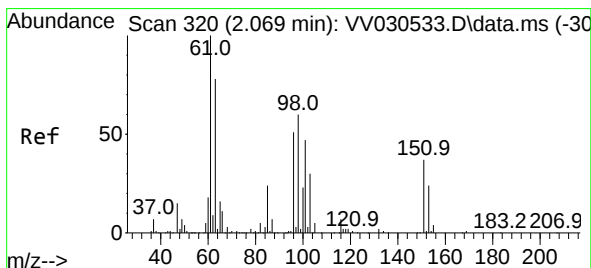
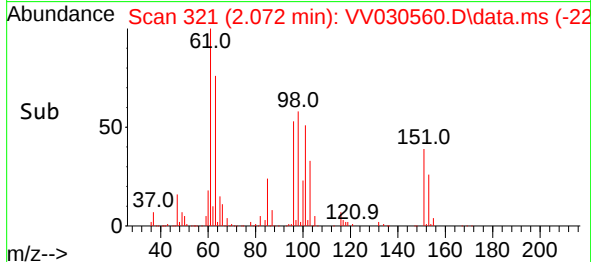
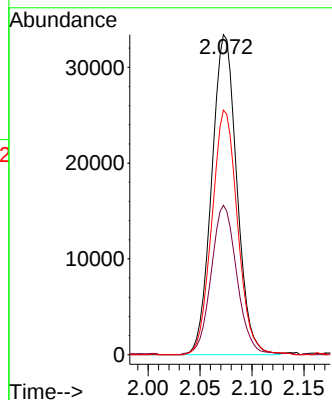
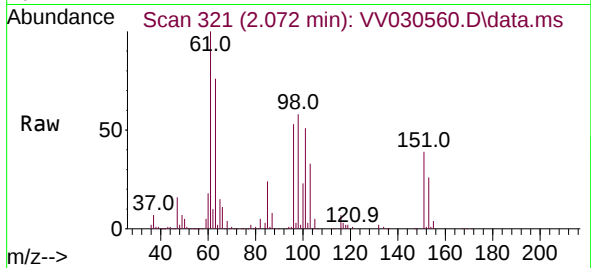




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.791 ug/L
RT: 2.072 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

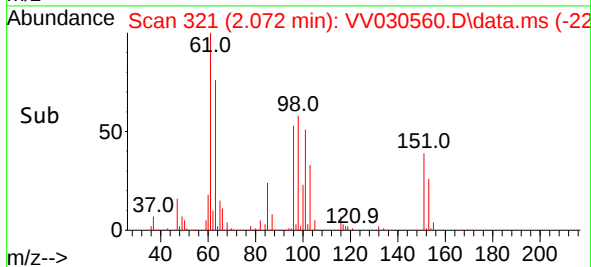
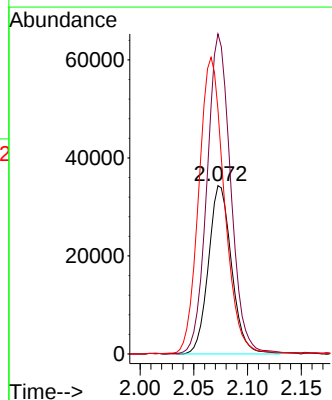
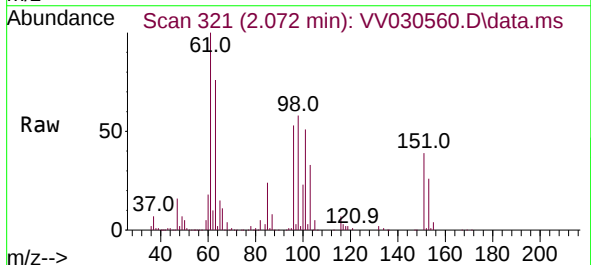
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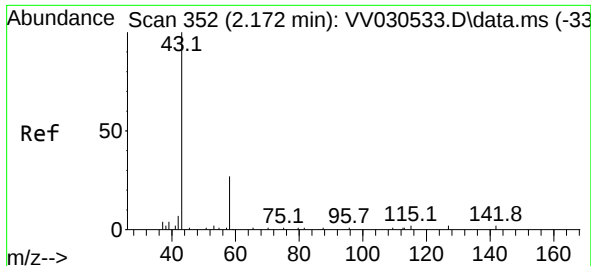
Tgt Ion:101 Resp: 56157
Ion Ratio Lower Upper
101 100
85 48.0 38.1 57.1
151 78.4 62.7 94.1



#12
1,1-Dichloroethene
Concen: 4.933 ug/L
RT: 2.072 min Scan# 321
Delta R.T. 0.003 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

Tgt Ion: 96 Resp: 51349
Ion Ratio Lower Upper
96 100
61 190.0 136.3 253.1
63 145.1 92.1 171.1





#13

Acetone

Concen: 55.512 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.029 min

Lab File: VV030560.D

Acq: 14 Apr 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :

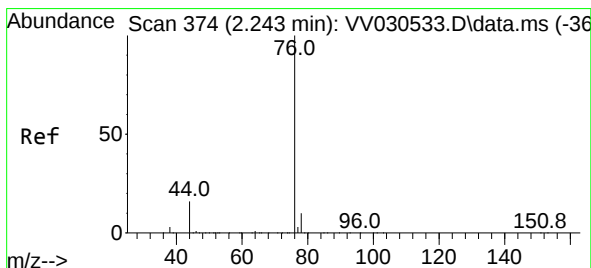
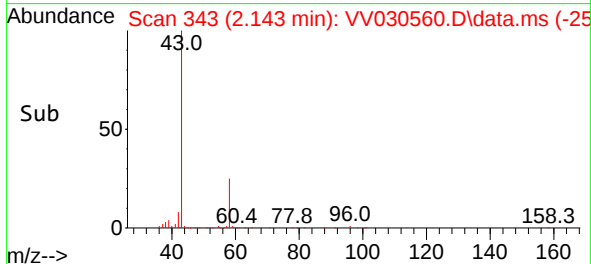
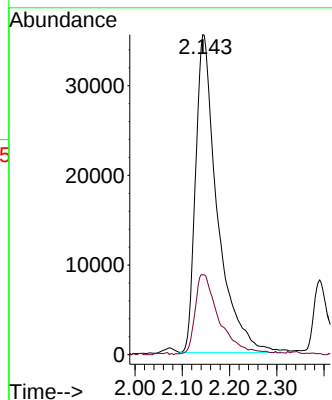
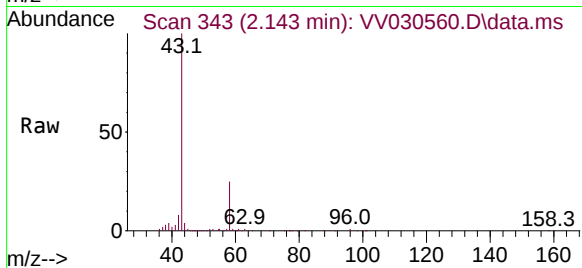
VSTD005334

Tgt Ion: 43 Resp: 113209

Ion Ratio Lower Upper

43 100

58 27.3 0.0 40.8



#14

Carbon disulfide

Concen: 4.214 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.003 min

Lab File: VV030560.D

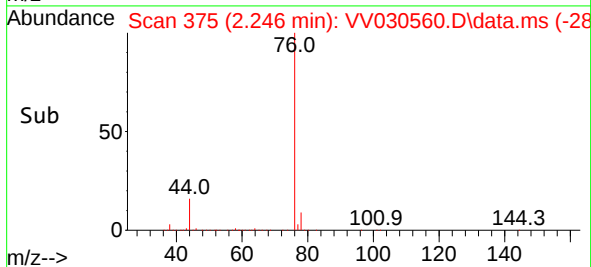
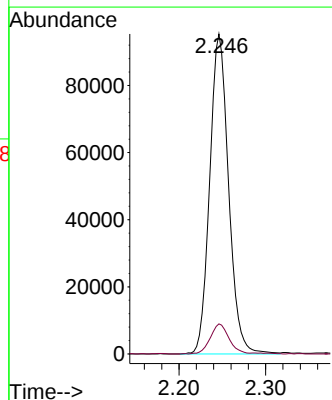
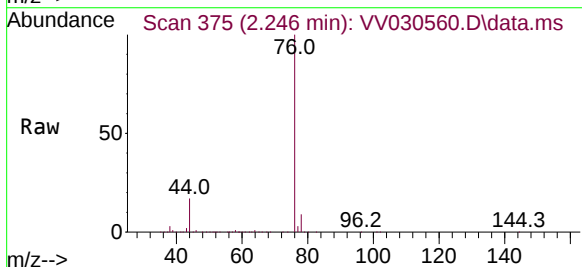
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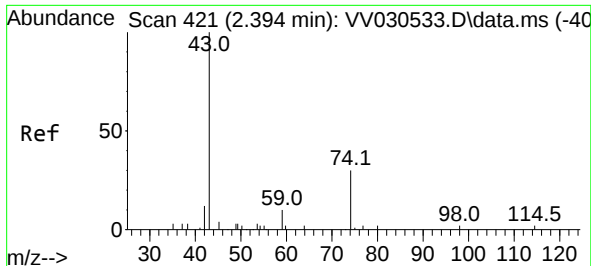
Tgt Ion: 76 Resp: 144480

Ion Ratio Lower Upper

76 100

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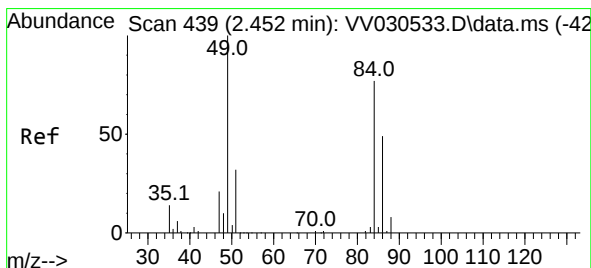
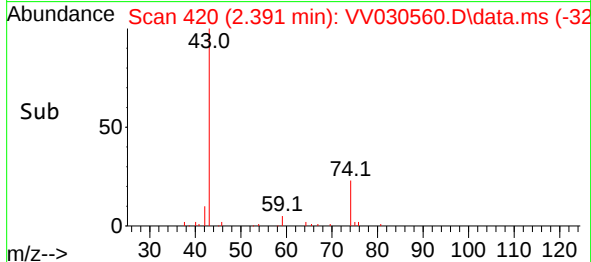
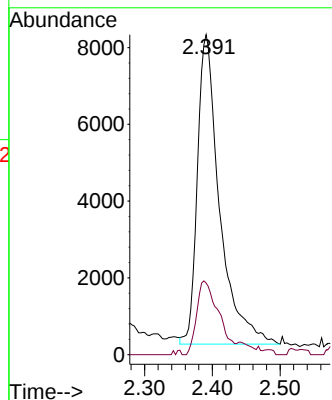
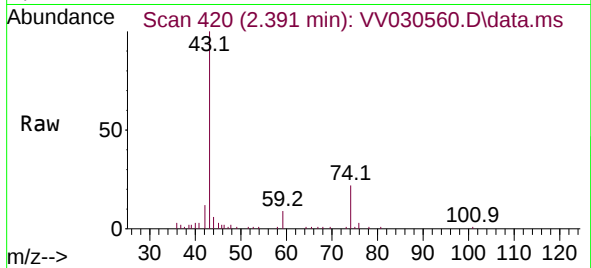




#15
Methyl Acetate
Concen: 5.032 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

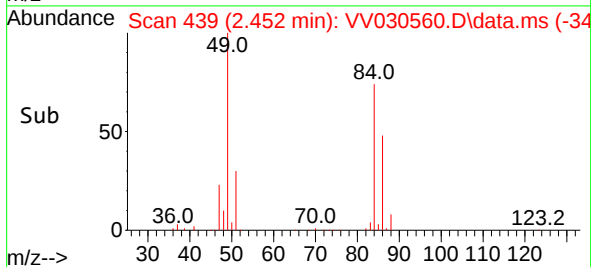
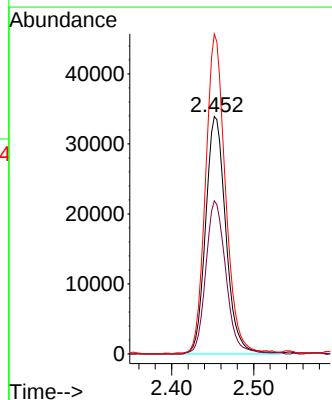
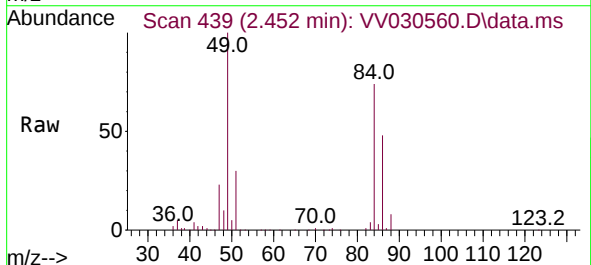
Instrument :
MSVOA_V
ClientSampleId :
VSTD005334

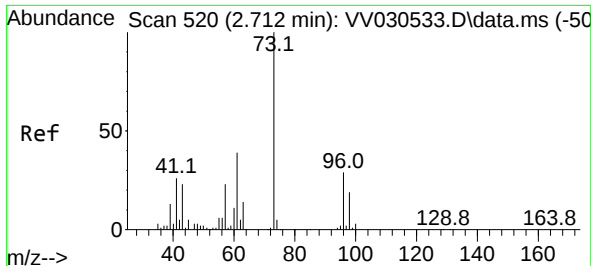
Tgt Ion: 43 Resp: 18337
Ion Ratio Lower Upper
43 100
74 23.7 22.1 33.1



#16
Methylene chloride
Concen: 4.712 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.000 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

Tgt Ion: 84 Resp: 58019
Ion Ratio Lower Upper
84 100
86 64.5 44.0 81.6
49 134.7 90.6 168.3





#17

Methyl tert-butyl Ether

Concen: 4.379 ug/L

RT: 2.712 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV030560.D

Acq: 14 Apr 2023 09:26

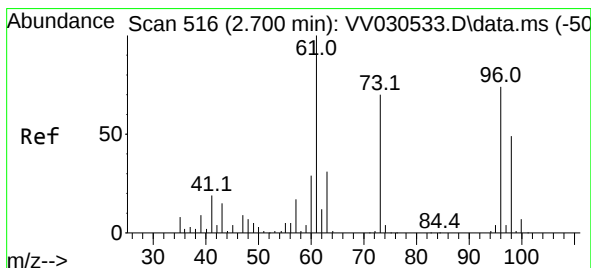
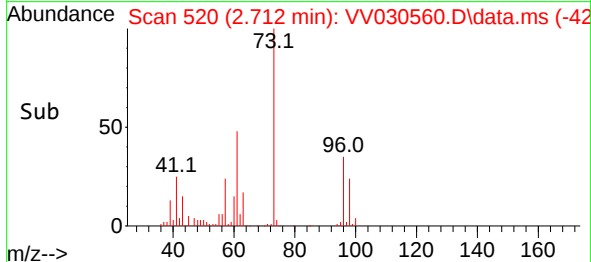
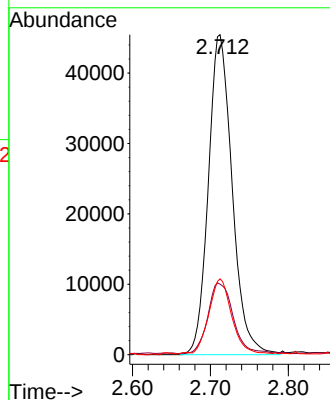
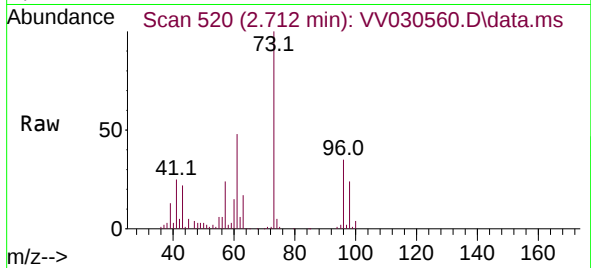
Instrument :

MSVOA_V

ClientSampleId :

VSTD005334

Tgt Ion: 73	Resp: 96534
Ion Ratio	Lower Upper
73	100
43	23.2 17.4 26.2
57	22.0 18.3 27.5



#18

trans-1,2-Dichloroethene

Concen: 4.439 ug/L

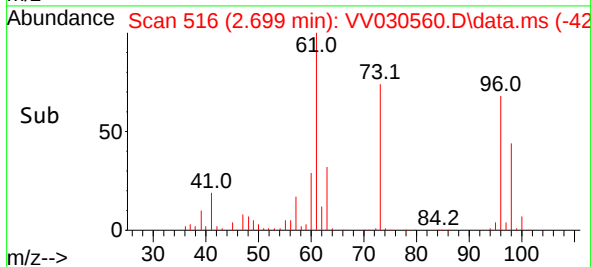
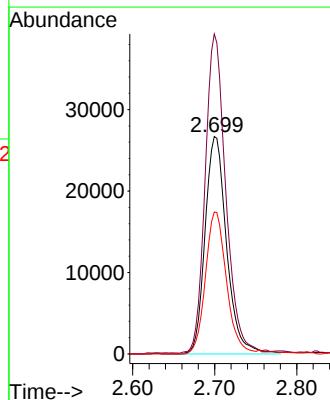
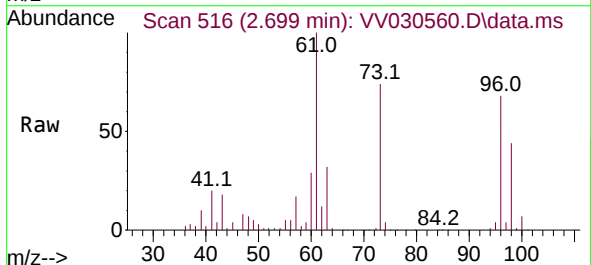
RT: 2.699 min Scan# 516

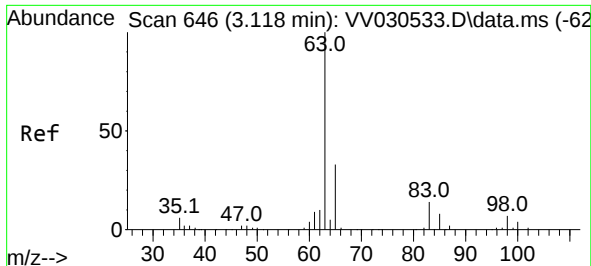
Delta R.T. -0.000 min

Lab File: VV030560.D

Acq: 14 Apr 2023 09:26

Tgt Ion: 96	Resp: 48682
Ion Ratio	Lower Upper
96	100
61	147.2 101.7 188.9
98	65.3 45.8 85.2

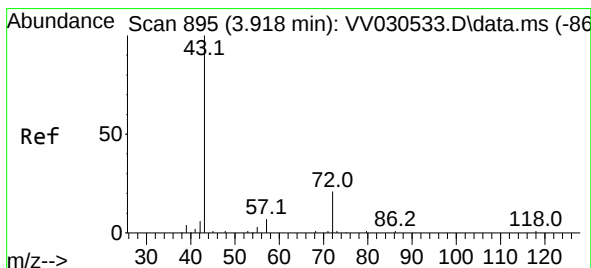
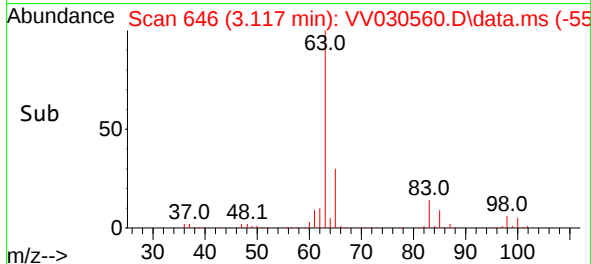
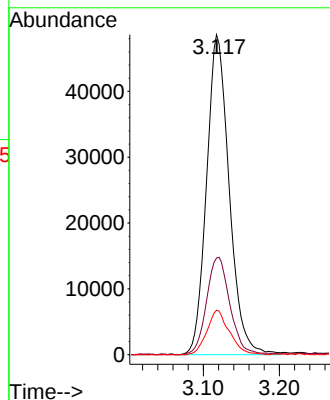
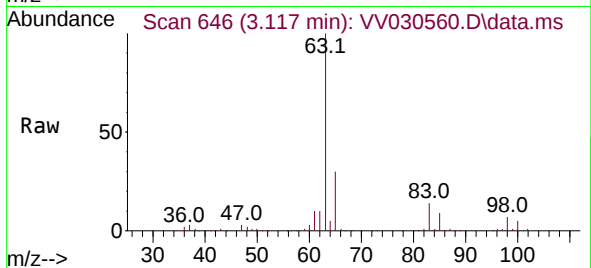




#19
1,1-Dichloroethane
Concen: 4.728 ug/L
RT: 3.117 min Scan# 646
Delta R.T. -0.000 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

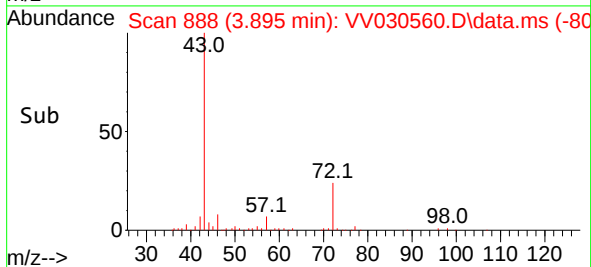
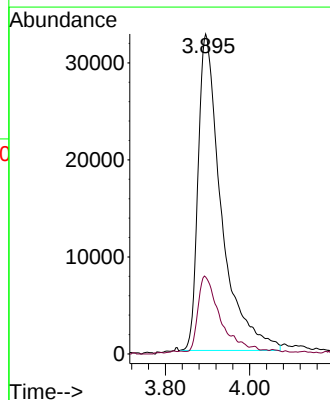
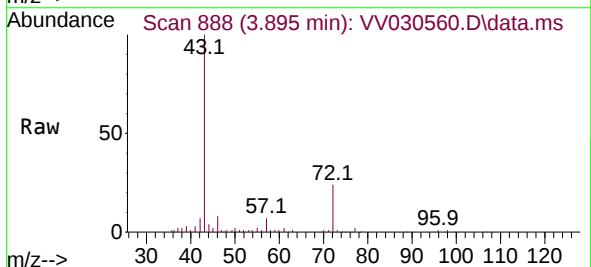
Instrument :
MSVOA_V
ClientSampleId :
VSTD005334

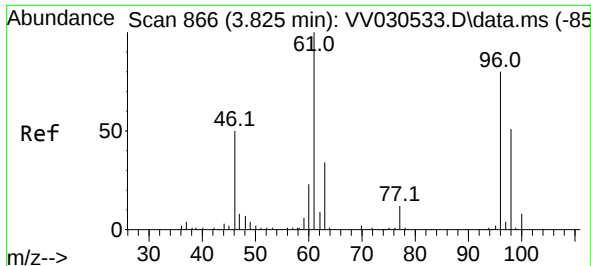
Tgt Ion: 63 Resp: 100513
Ion Ratio Lower Upper
63 100
65 30.2 21.7 40.3
83 13.9 9.1 16.9



#21
2-Butanone
Concen: 48.563 ug/L
RT: 3.895 min Scan# 888
Delta R.T. -0.023 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

Tgt Ion: 43 Resp: 124652
Ion Ratio Lower Upper
43 100
72 21.9 11.2 33.5

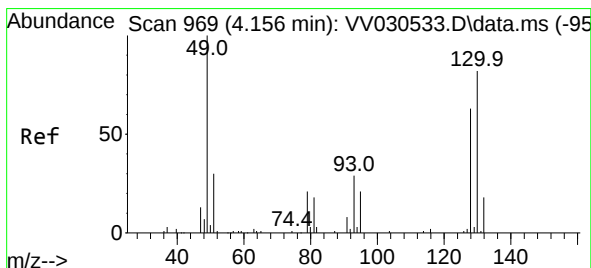
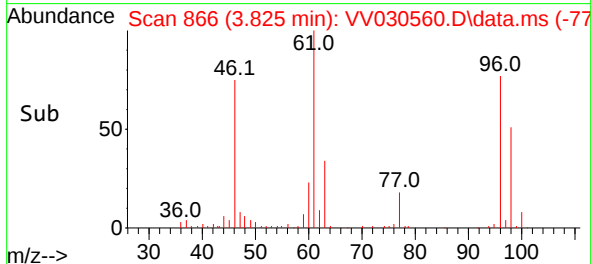
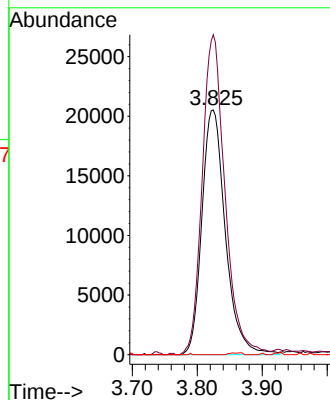
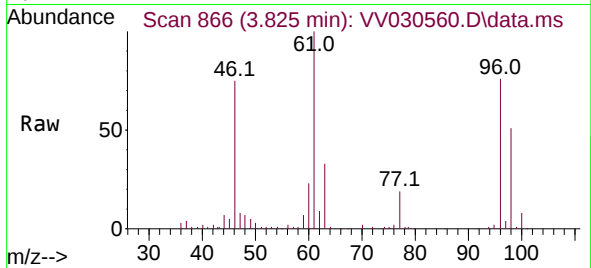




#22
 cis-1,2-Dichloroethene
 Concen: 4.694 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VV030560.D
 Acq: 14 Apr 2023 09:26

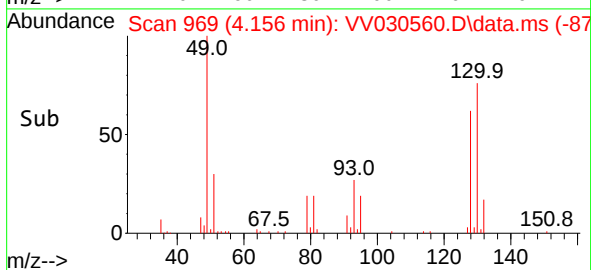
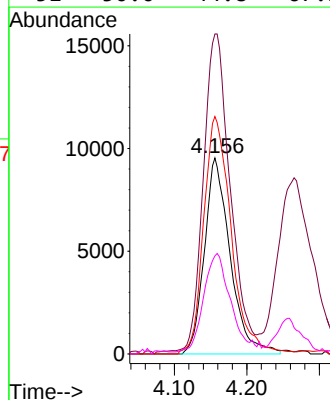
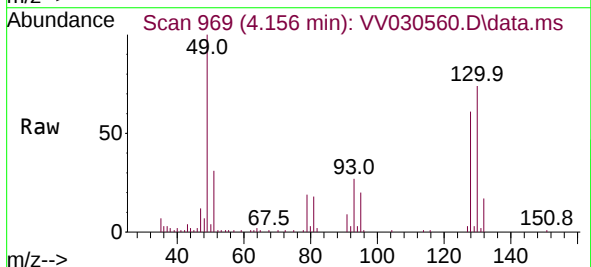
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005334

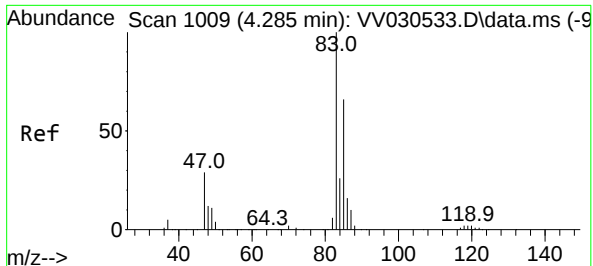
Tgt Ion: 96 Resp: 51658
 Ion Ratio Lower Upper
 96 100
 61 130.7 92.0 170.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.572 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. -0.000 min
 Lab File: VV030560.D
 Acq: 14 Apr 2023 09:26

Tgt Ion: 128 Resp: 23502
 Ion Ratio Lower Upper
 128 100
 49 163.3 119.4 221.8
 130 121.2 89.2 165.8
 51 50.0 44.8 67.2





#25

Chloroform

Concen: 4.887 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. -0.000 min

Lab File: VV030560.D

Acq: 14 Apr 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :

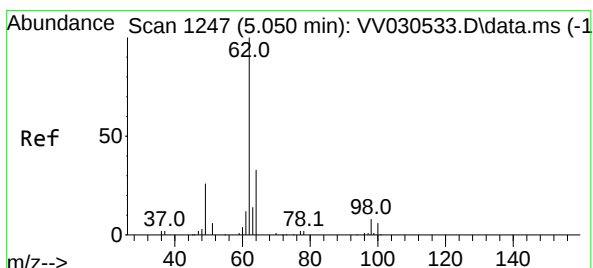
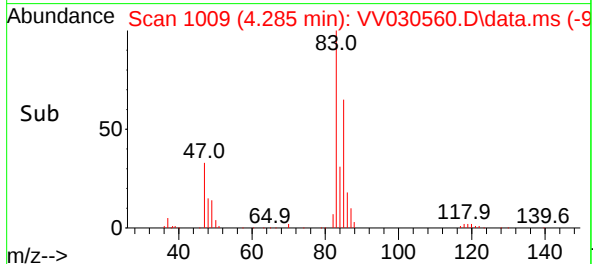
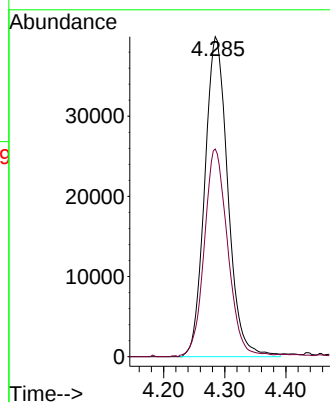
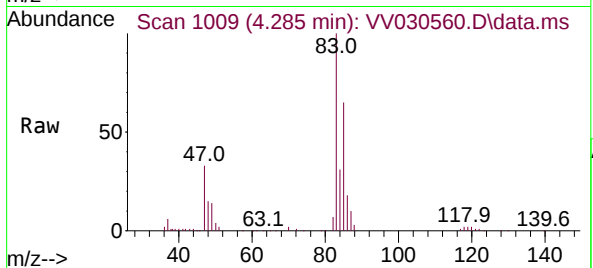
VSTD005334

Tgt Ion: 83 Resp: 104982

Ion Ratio Lower Upper

83 100

85 64.9 47.6 88.4



#27

1,2-Dichloroethane

Concen: 5.004 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. 0.003 min

Lab File: VV030560.D

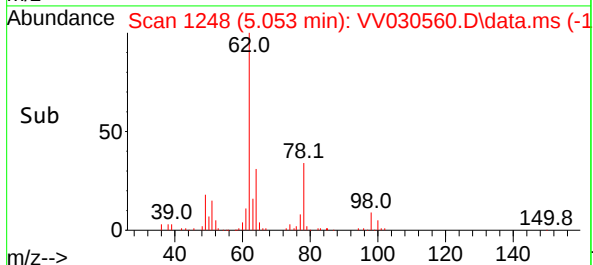
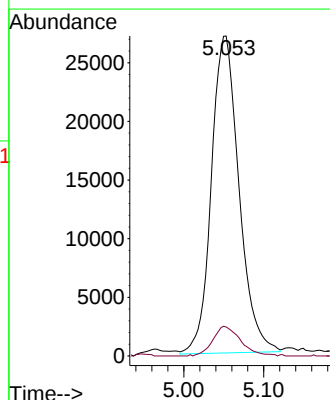
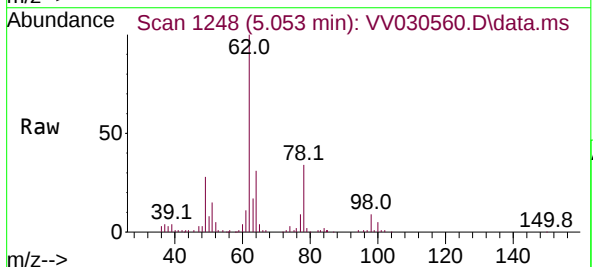
Acq: 14 Apr 2023 09:26

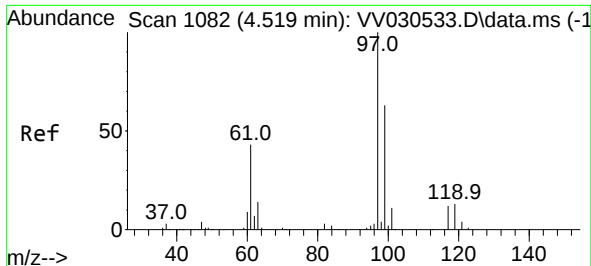
Tgt Ion: 62 Resp: 65002

Ion Ratio Lower Upper

62 100

98 9.1 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.975 ug/L

RT: 4.519 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV030560.D

Acq: 14 Apr 2023 09:26

Instrument :

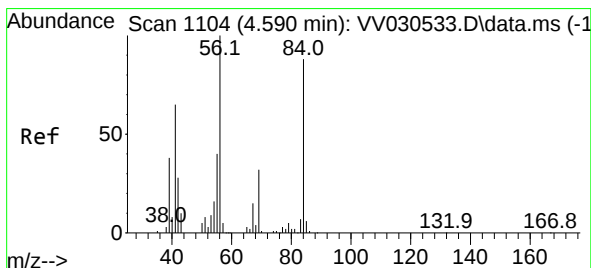
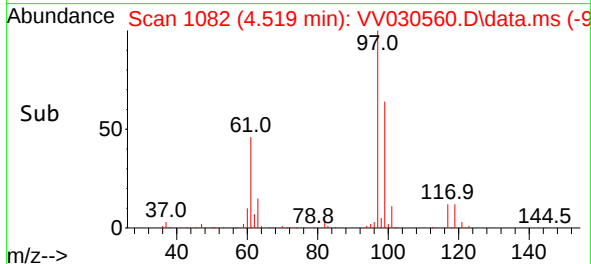
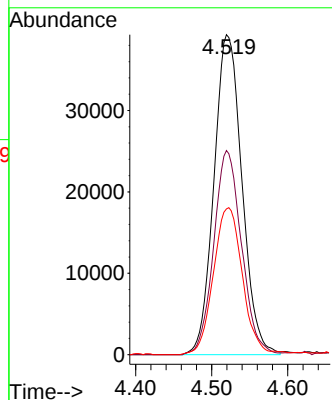
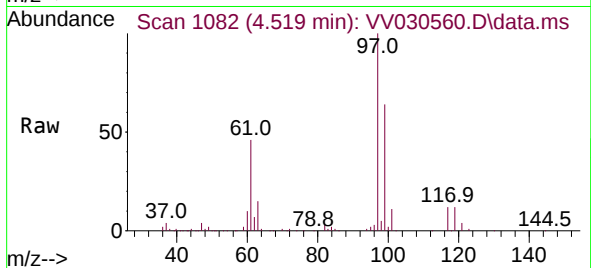
MSVOA_V

ClientSampleId :

VSTD005334

Tgt Ion: 97 Resp: 100642

Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.9	76.3
61	47.9	35.9	53.9



#30

Cyclohexane

Concen: 4.152 ug/L

RT: 4.593 min Scan# 1105

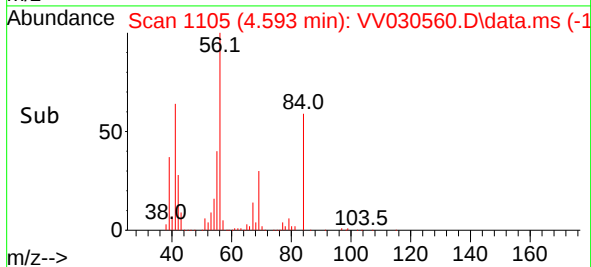
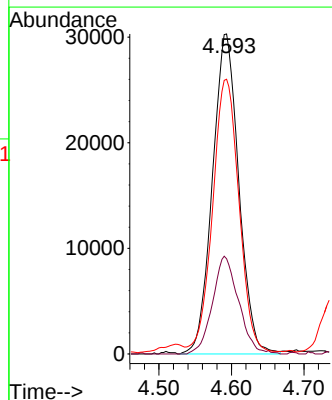
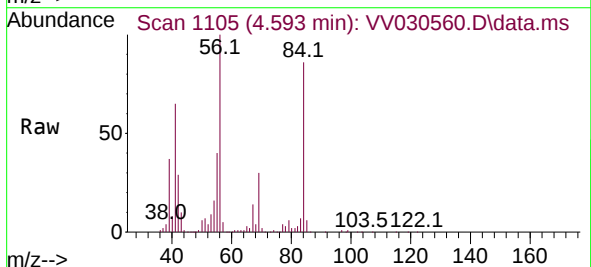
Delta R.T. 0.003 min

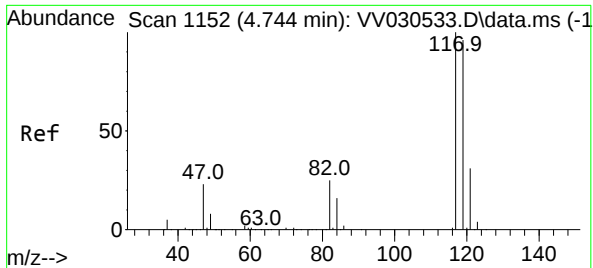
Lab File: VV030560.D

Acq: 14 Apr 2023 09:26

Tgt Ion: 56 Resp: 76507

Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.2	36.2
84	84.9	66.6	100.0

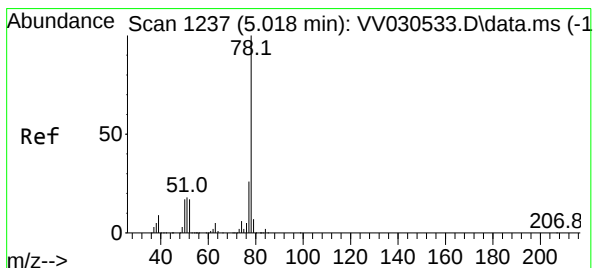
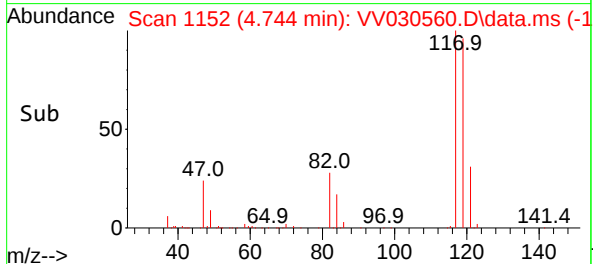
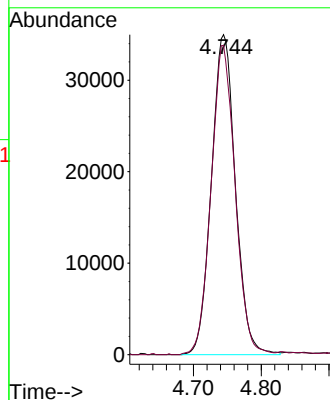
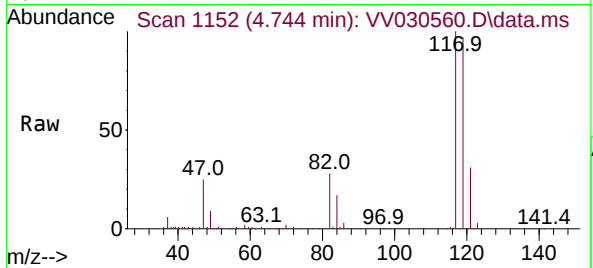




#31
Carbon tetrachloride
Concen: 4.691 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

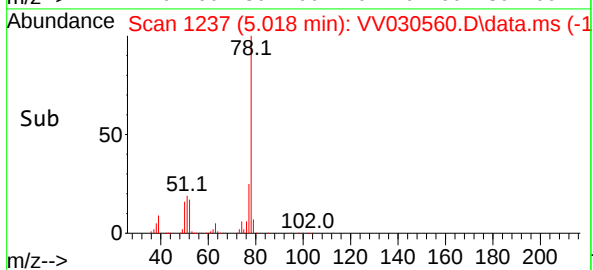
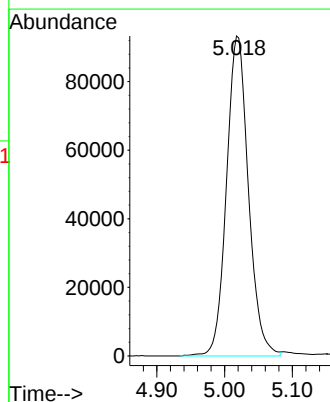
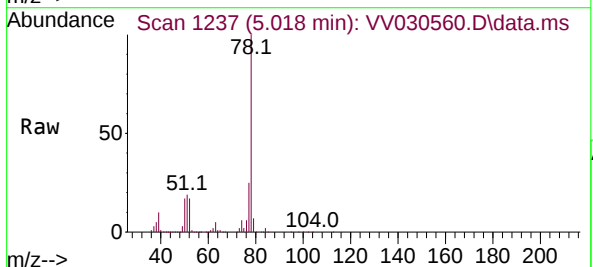
Instrument : MSVOA_V
ClientSampleId : VSTD005334

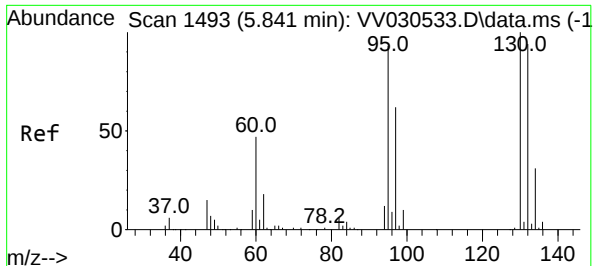
Tgt Ion:117 Resp: 86105
Ion Ratio Lower Upper
117 100
119 96.7 76.2 114.4



#33
Benzene
Concen: 4.694 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

Tgt Ion: 78 Resp: 209829



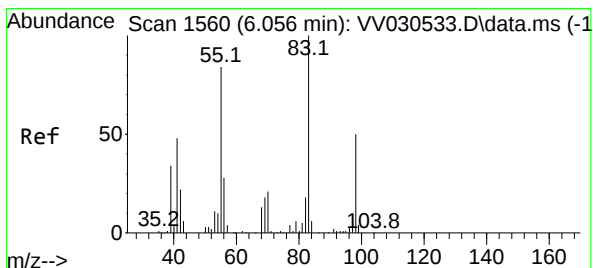
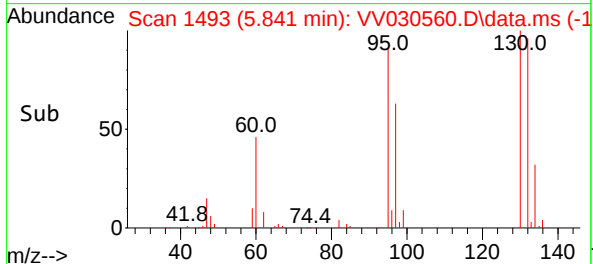
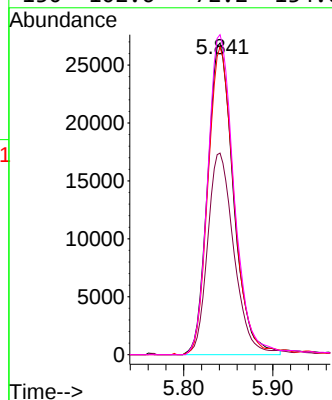
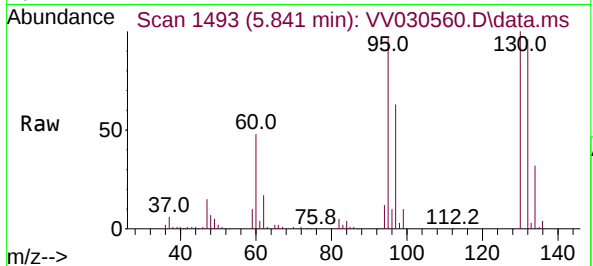


#34
Trichloroethene
Concen: 4.508 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD005334

Tgt Ion: 95 Resp: 54343

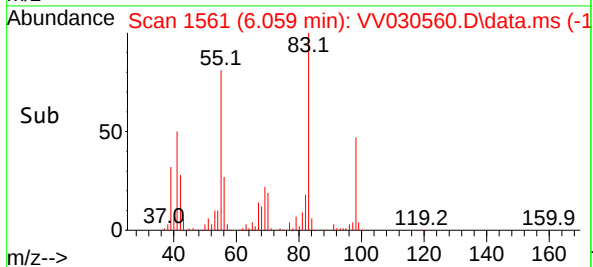
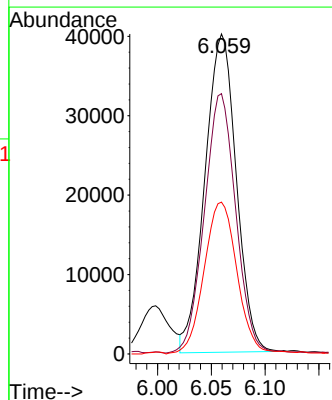
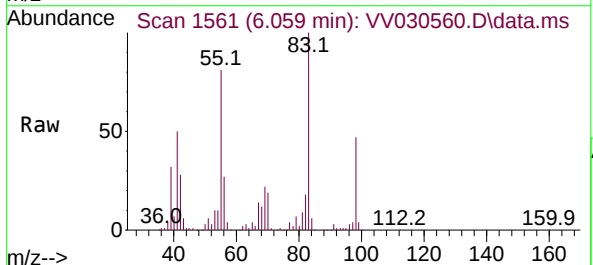
Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.2	82.2
132	98.7	69.5	129.1
130	102.6	72.2	134.0

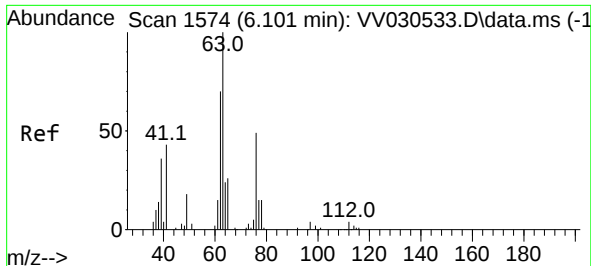


#35
Methylcyclohexane
Concen: 4.296 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. 0.003 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

Tgt Ion: 83 Resp: 81290

Ion	Ratio	Lower	Upper
83	100		
55	81.7	66.6	100.0
98	50.3	38.6	58.0





#37

1,2-Dichloropropane

Concen: 4.655 ug/L

RT: 6.101 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV030560.D

Acq: 14 Apr 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :

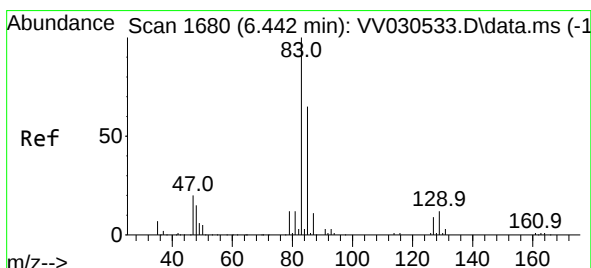
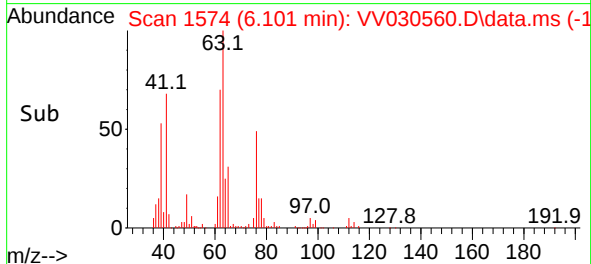
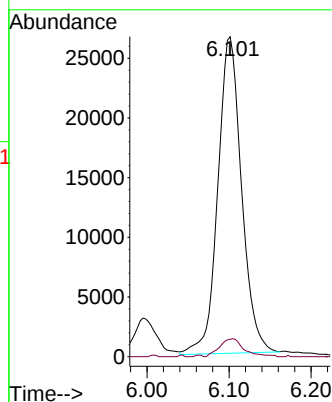
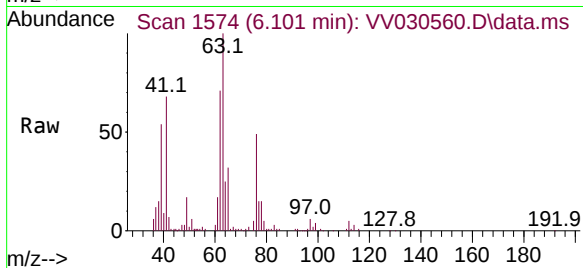
VSTD005334

Tgt Ion: 63 Resp: 53423

Ion Ratio Lower Upper

63 100

112 5.8 3.9 5.9



#38

Bromodichloromethane

Concen: 4.811 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.003 min

Lab File: VV030560.D

Acq: 14 Apr 2023 09:26

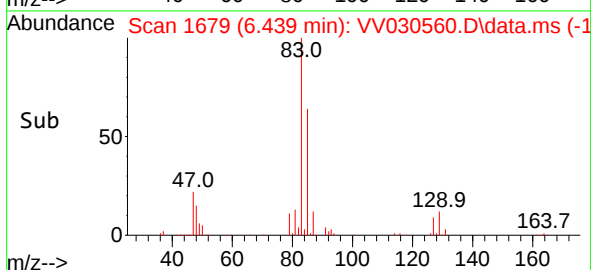
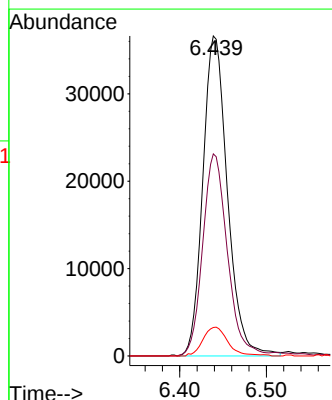
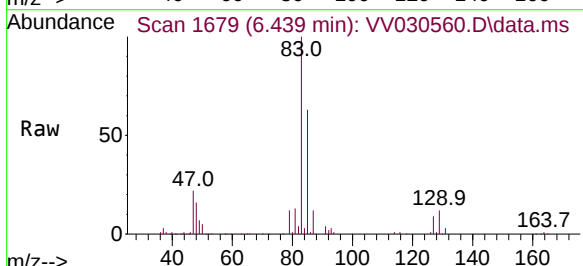
Tgt Ion: 83 Resp: 72296

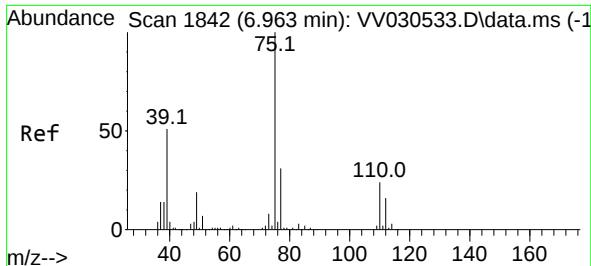
Ion Ratio Lower Upper

83 100

85 63.2 45.3 84.1

127 8.9 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 4.361 ug/L

RT: 6.960 min Scan# 1842

Delta R.T. -0.003 min

Lab File: VV030560.D

Acq: 14 Apr 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :

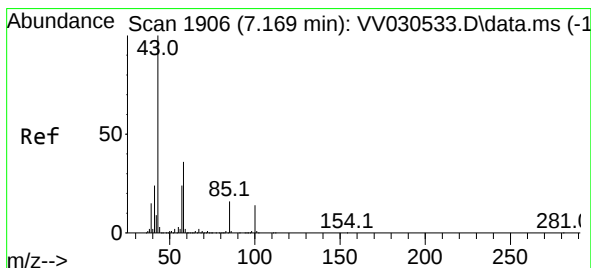
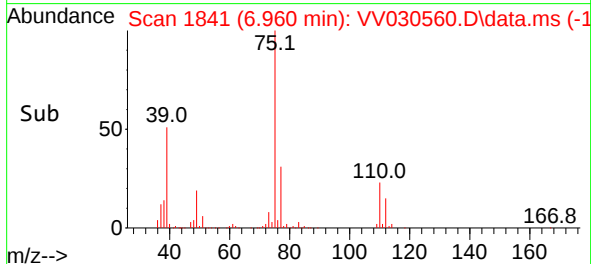
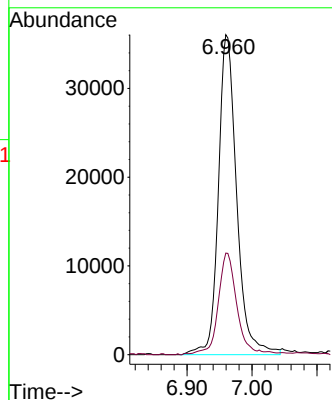
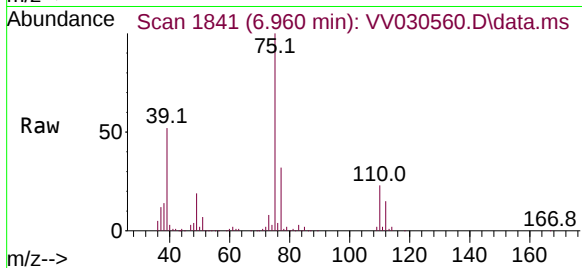
VSTD005334

Tgt Ion: 75 Resp: 70371

Ion Ratio Lower Upper

75 100

77 31.8 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 47.400 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. -0.003 min

Lab File: VV030560.D

Acq: 14 Apr 2023 09:26

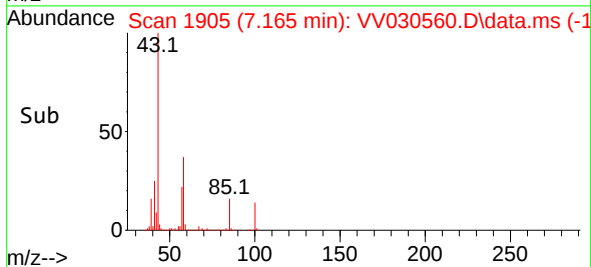
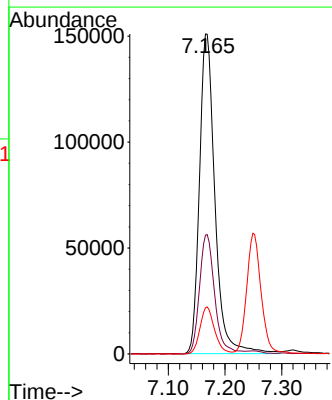
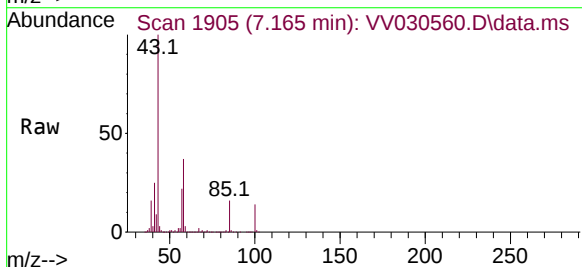
Tgt Ion: 43 Resp: 286631

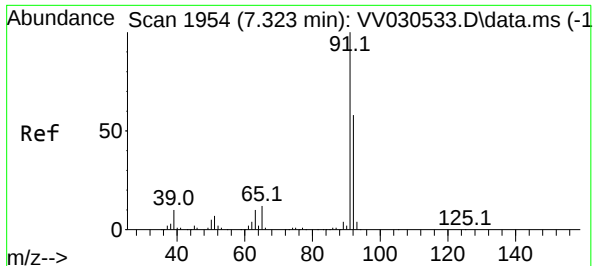
Ion Ratio Lower Upper

43 100

58 36.6 28.8 43.2

100 13.9 10.7 16.1

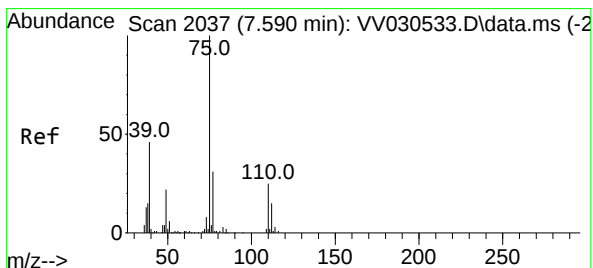
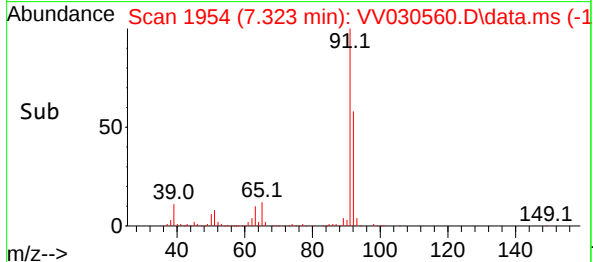
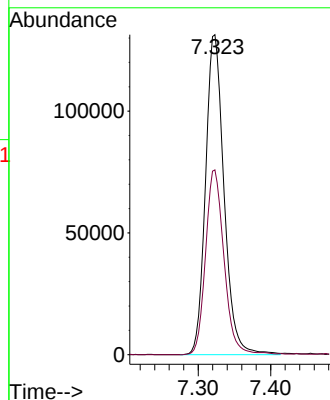
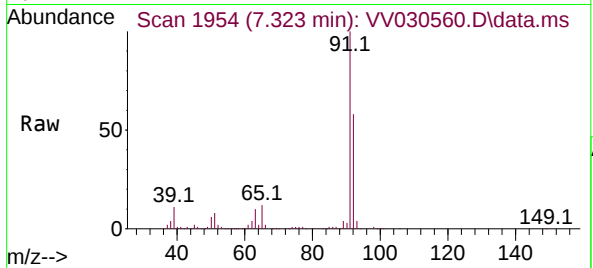




#42
Toluene
Concen: 4.895 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

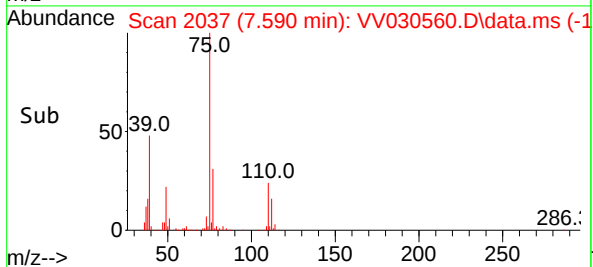
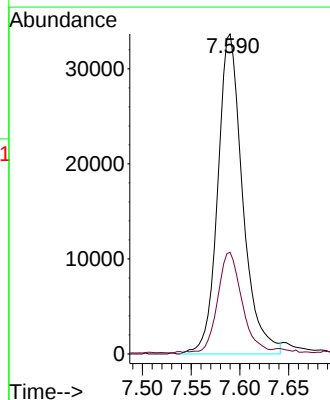
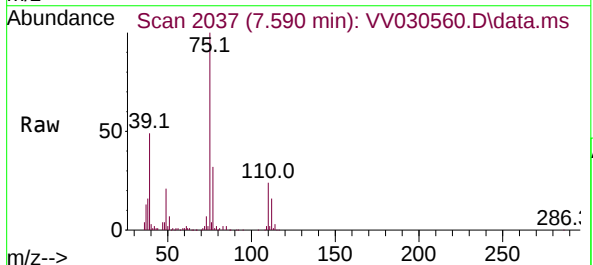
Instrument :
MSVOA_V
ClientSampleId :
VSTD005334

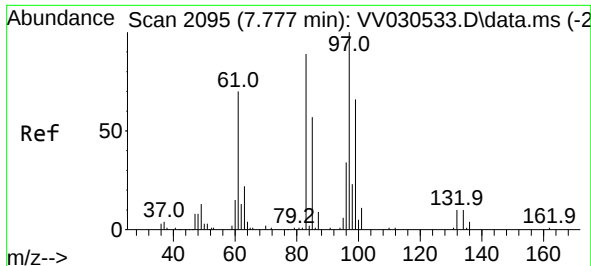
Tgt Ion: 91 Resp: 233061
Ion Ratio Lower Upper
91 100
92 57.8 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.362 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. -0.000 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

Tgt Ion: 75 Resp: 59886
Ion Ratio Lower Upper
75 100
77 31.7 21.2 39.4

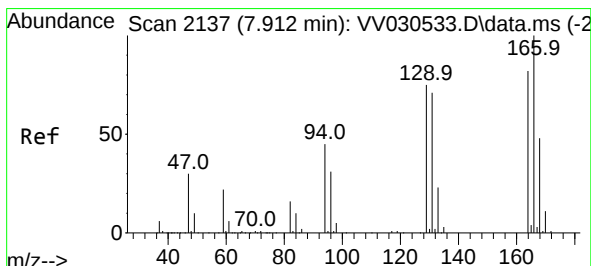
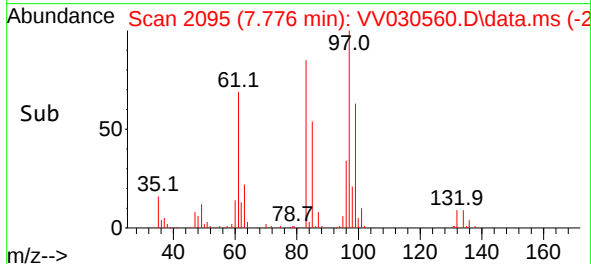
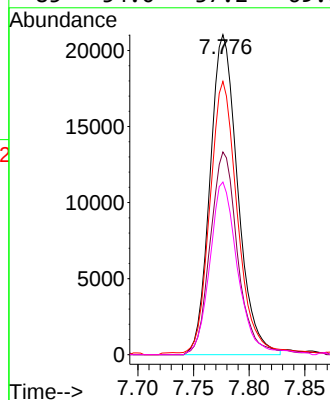
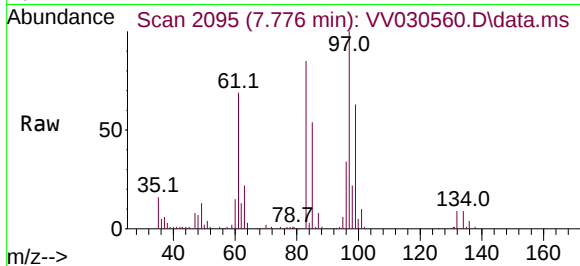




#45
1,1,2-Trichloroethane
Concen: 4.514 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

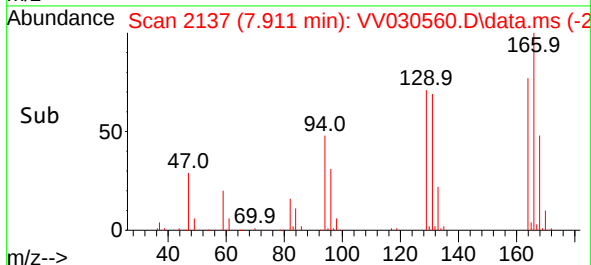
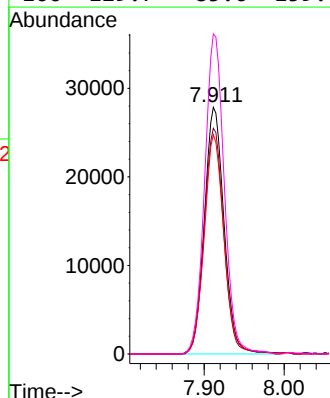
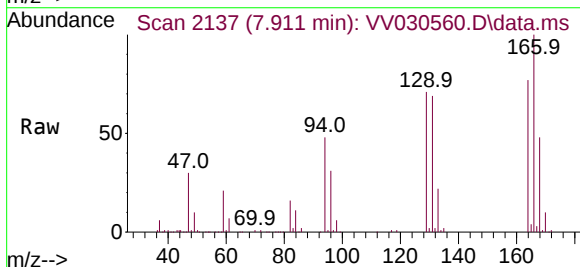
Instrument :
MSVOA_V
ClientSampleId :
VSTD005334

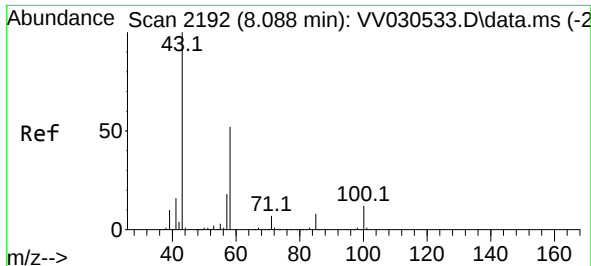
Tgt Ion:	97	Resp:	36472
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.0	81.8
83	85.4	58.8	109.2
85	54.0	37.2	69.0



#47
Tetrachloroethene
Concen: 4.504 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

Tgt Ion:	164	Resp:	47925
Ion	Ratio	Lower	Upper
164	100		
129	91.5	60.8	112.8
131	88.9	61.7	114.7
166	129.7	85.6	159.0



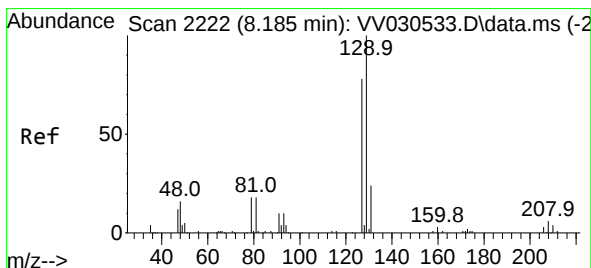
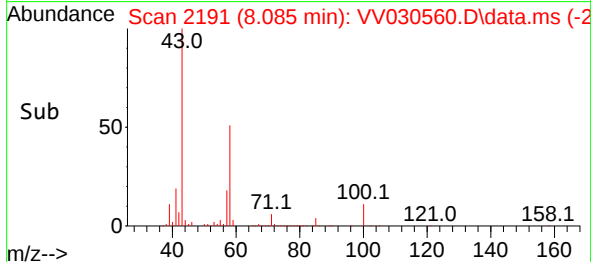
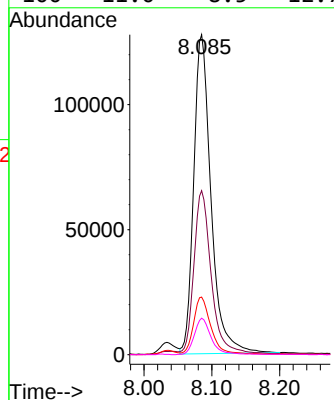
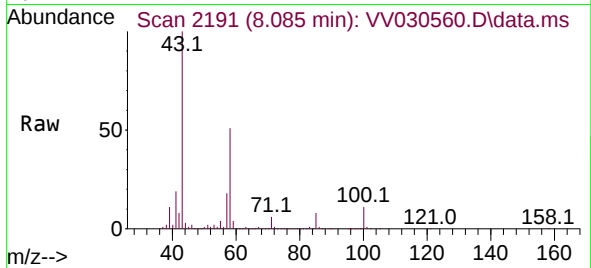


#48
2-Hexanone
Concen: 50.025 ug/L
RT: 8.085 min Scan# 2192
Delta R.T. -0.003 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD005334

Tgt Ion: 43 Resp: 226554

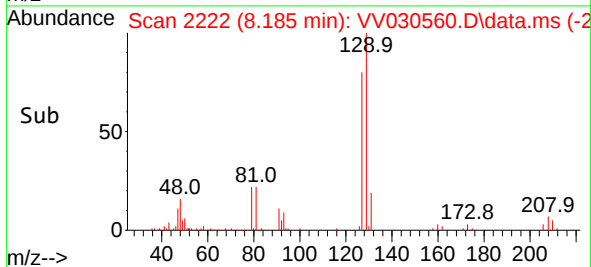
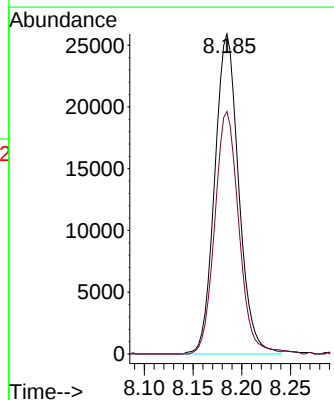
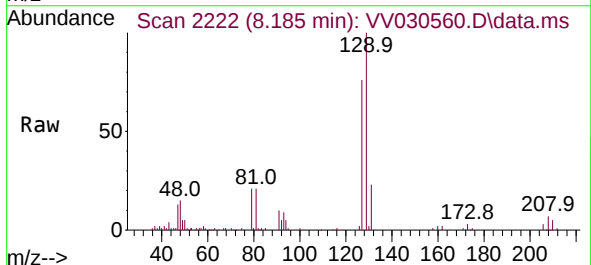
Ion	Ratio	Lower	Upper
43	100		
58	51.5	40.3	60.5
57	17.5	14.6	22.0
100	11.0	8.5	12.7

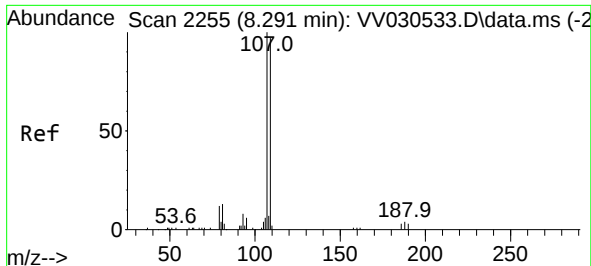


#49
Dibromochloromethane
Concen: 4.620 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

Tgt Ion: 129 Resp: 44432

Ion	Ratio	Lower	Upper
129	100		
127	75.7	52.7	97.9





#50

1,2-Dibromoethane

Concen: 4.448 ug/L

RT: 8.291 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV030560.D

Acq: 14 Apr 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD005334

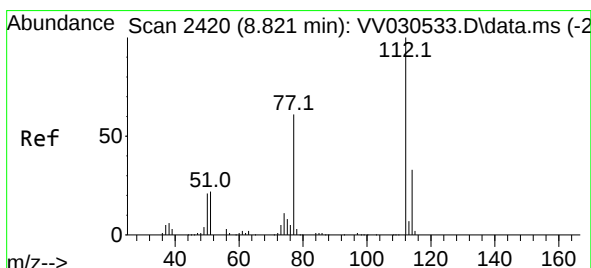
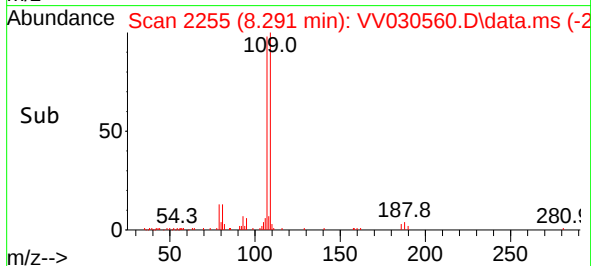
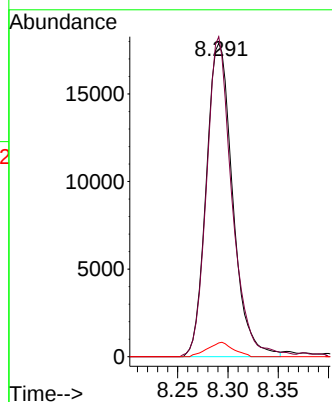
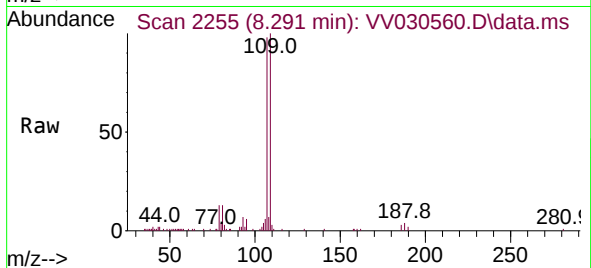
Tgt Ion:107 Resp: 32701

Ion Ratio Lower Upper

107 100

109 102.1 62.9 116.9

188 4.4 3.0 4.6



#51

Chlorobenzene

Concen: 4.669 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV030560.D

Acq: 14 Apr 2023 09:26

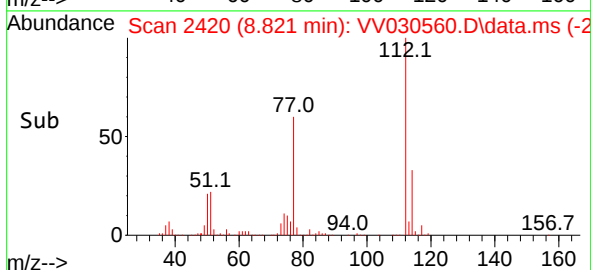
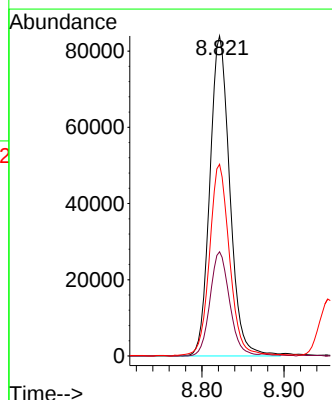
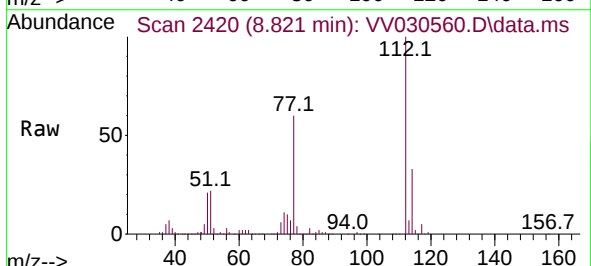
Tgt Ion:112 Resp: 142345

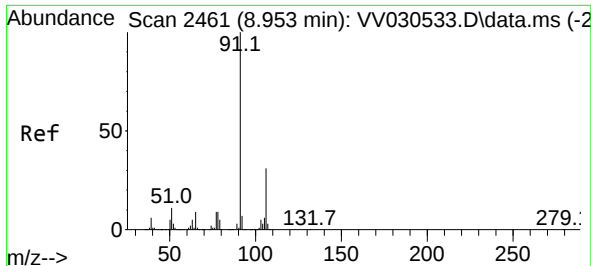
Ion Ratio Lower Upper

112 100

114 32.5 22.4 41.6

77 59.9 45.9 68.9

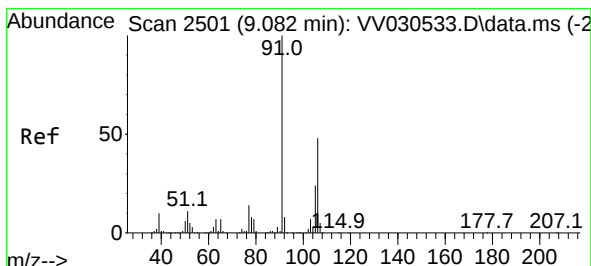
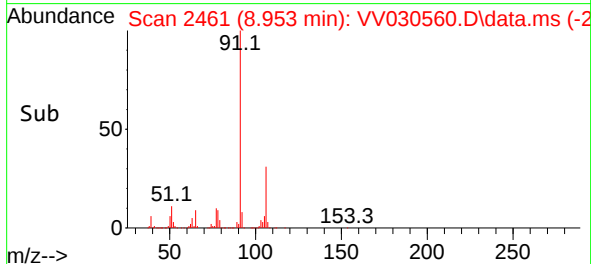
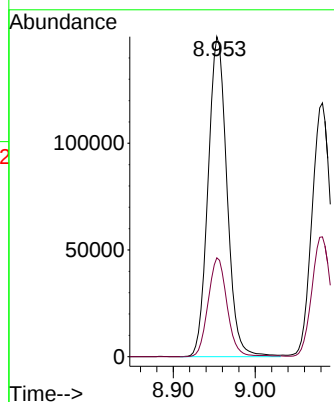
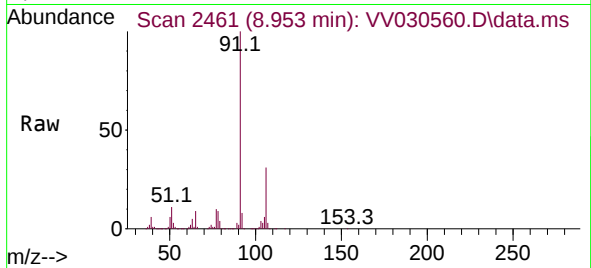




#52
Ethylbenzene
Concen: 4.604 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

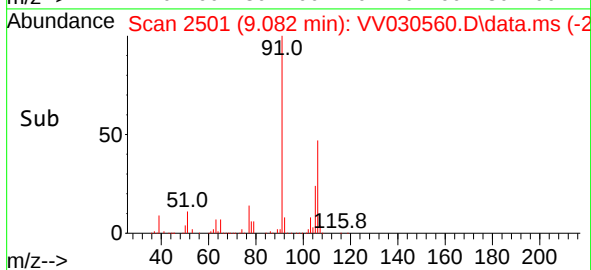
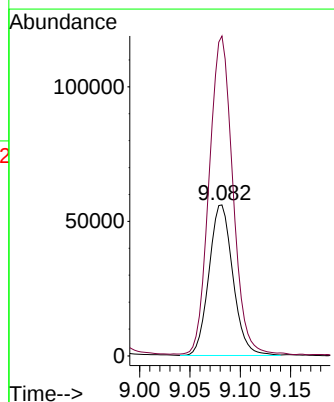
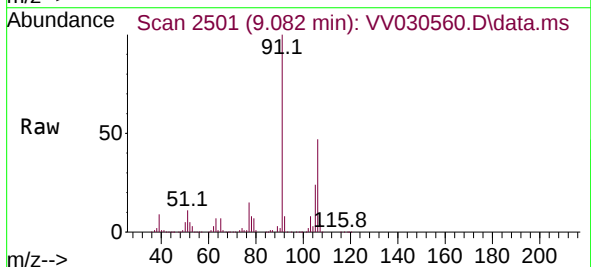
Instrument :
MSVOA_V
ClientSampleId :
VSTD005334

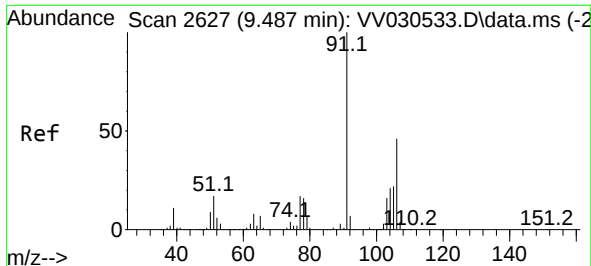
Tgt Ion: 91 Resp: 239814
Ion Ratio Lower Upper
91 100
106 30.9 22.2 41.2



#53
m,p-Xylene
Concen: 4.644 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. -0.000 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

Tgt Ion: 106 Resp: 92605
Ion Ratio Lower Upper
106 100
91 211.8 142.4 264.4

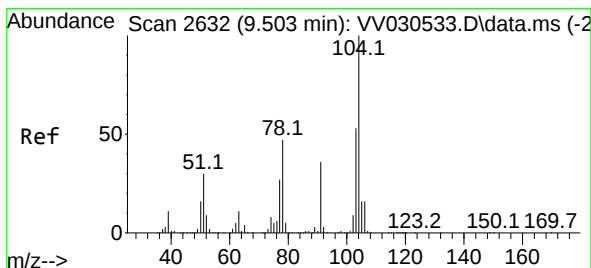
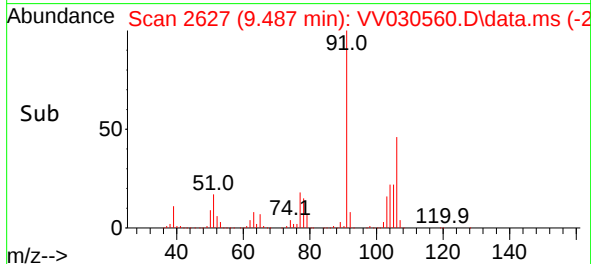
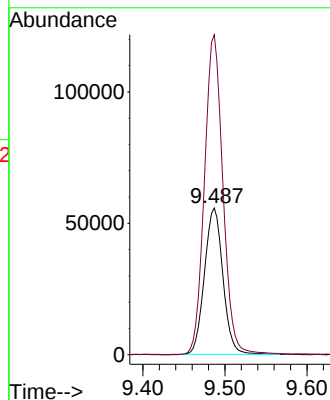
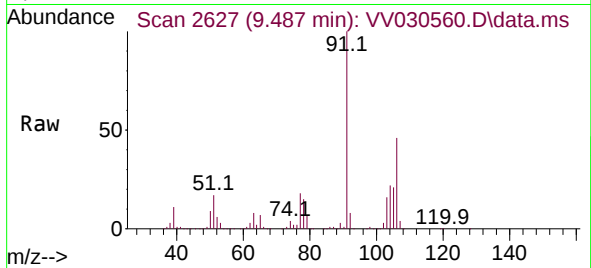




#54
o-Xylene
Concen: 4.576 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

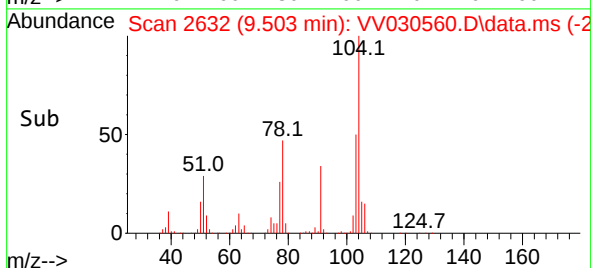
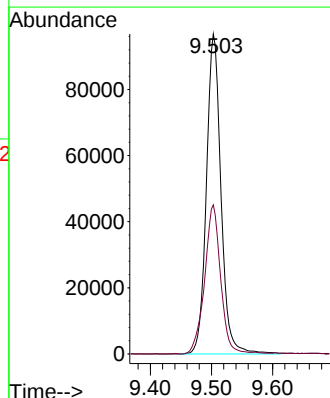
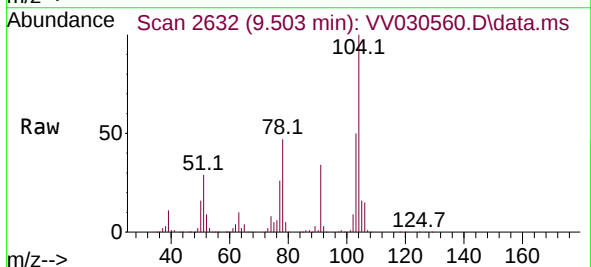
Instrument :
MSVOA_V
ClientSampleId :
VSTD005334

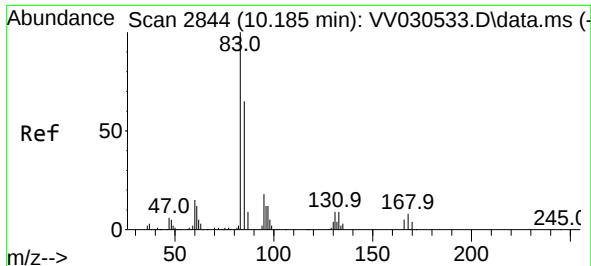
Tgt Ion:106 Resp: 87300
Ion Ratio Lower Upper
106 100
91 218.2 149.8 278.2



#55
Styrene
Concen: 4.949 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

Tgt Ion:104 Resp: 160367
Ion Ratio Lower Upper
104 100
78 46.6 31.9 59.2





#57

1,1,2,2-Tetrachloroethane

Concen: 4.494 ug/L

RT: 10.185 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VV030560.D

Acq: 14 Apr 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD005334

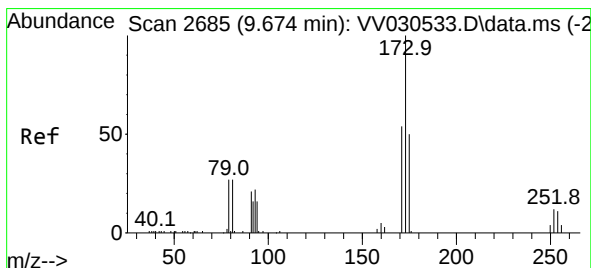
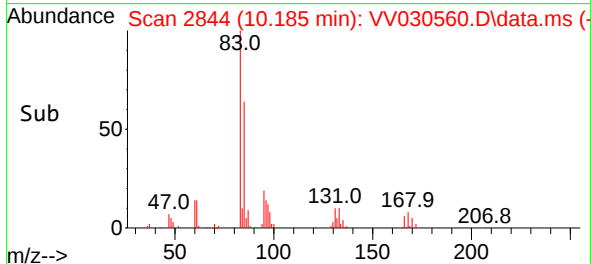
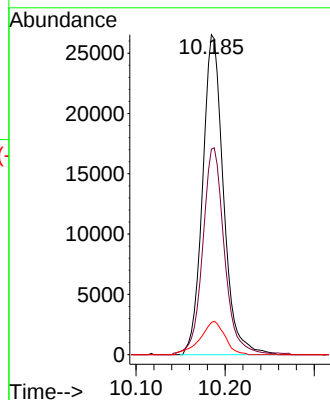
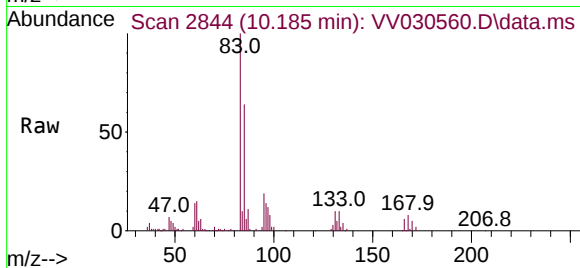
Tgt Ion: 83 Resp: 43098

Ion Ratio Lower Upper

83 100

85 64.2 45.3 84.1

131 10.0 8.2 12.4



#59

Bromoform

Concen: 4.553 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. -0.003 min

Lab File: VV030560.D

Acq: 14 Apr 2023 09:26

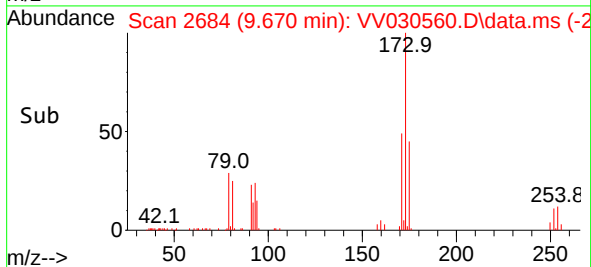
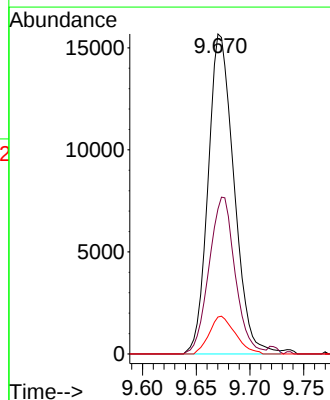
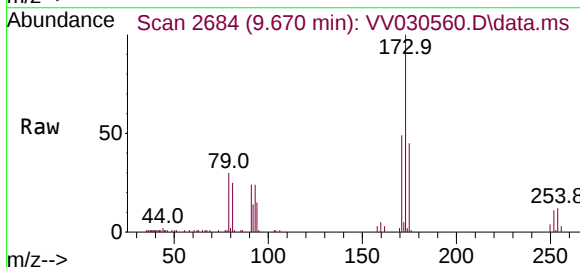
Tgt Ion: 173 Resp: 26231

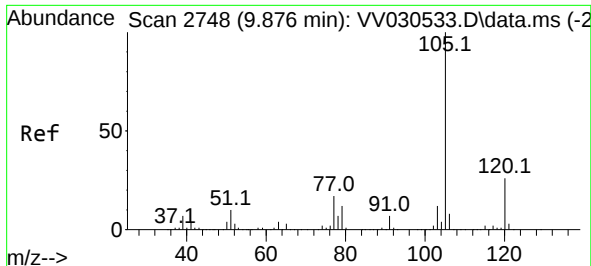
Ion Ratio Lower Upper

173 100

175 49.5 39.0 58.4

254 11.8 8.2 12.4

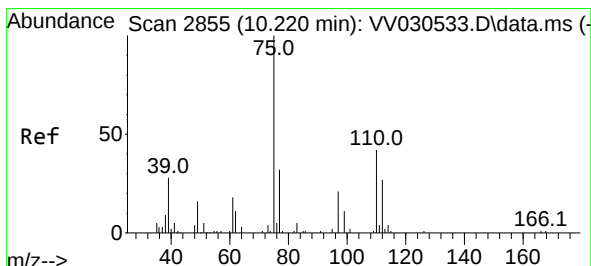
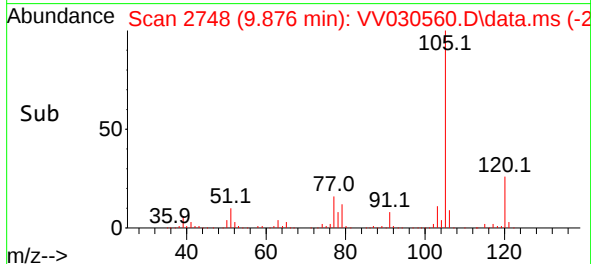
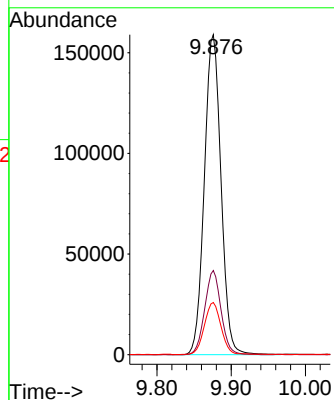
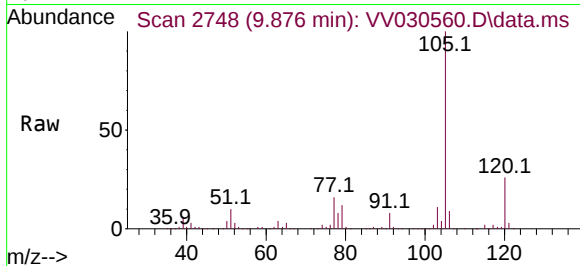




#60
Isopropylbenzene
Concen: 4.706 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

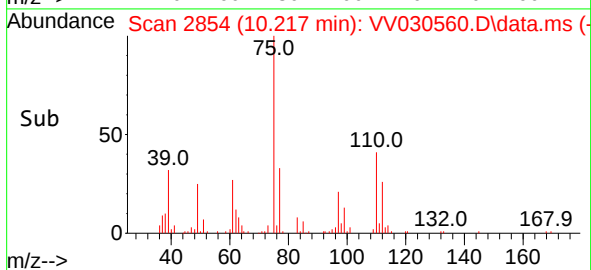
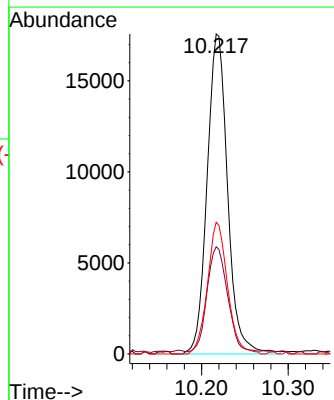
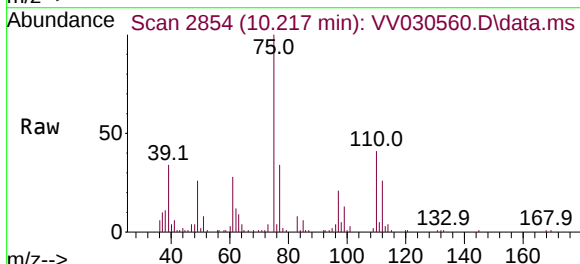
Instrument :
MSVOA_V
ClientSampleId :
VSTD005334

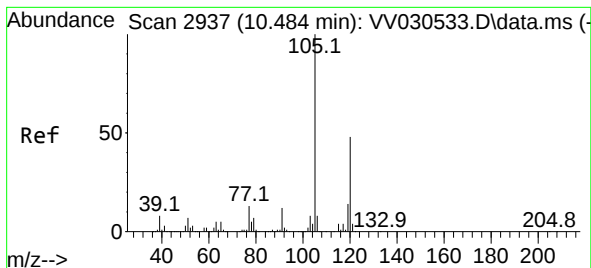
Tgt Ion:105 Resp: 247422
Ion Ratio Lower Upper
105 100
120 25.8 21.1 31.7
77 16.5 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 4.538 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.003 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

Tgt Ion: 75 Resp: 28922
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
110 40.2 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 4.535 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VV030560.D

Acq: 14 Apr 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :

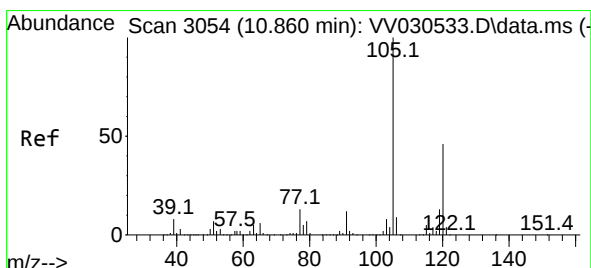
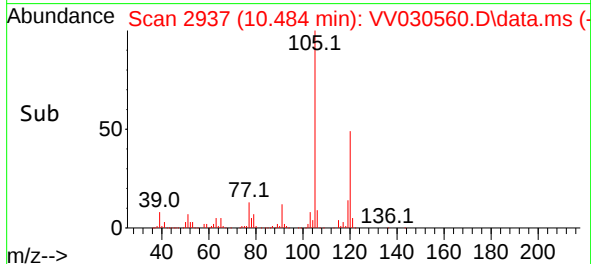
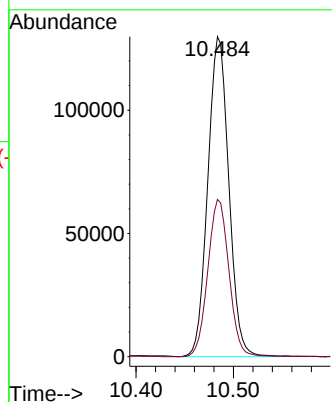
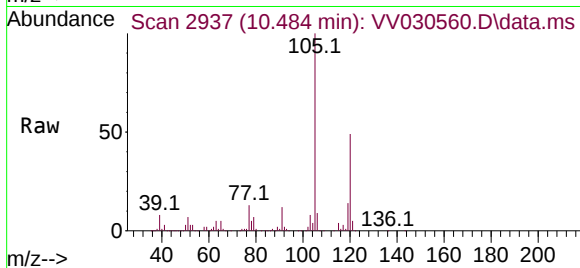
VSTD005334

Tgt Ion:105 Resp: 194545

Ion Ratio Lower Upper

105 100

120 49.5 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 4.673 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VV030560.D

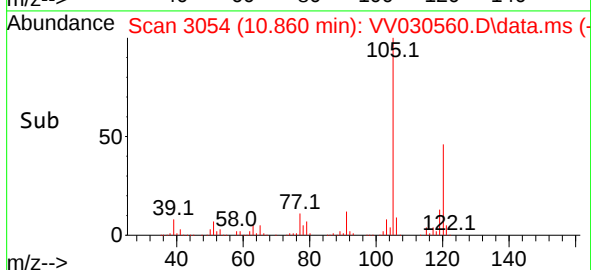
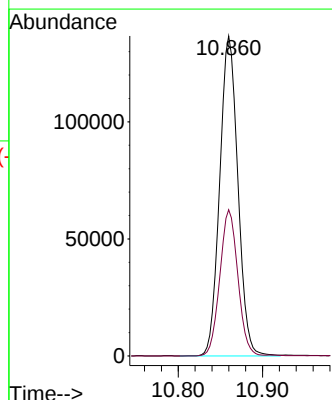
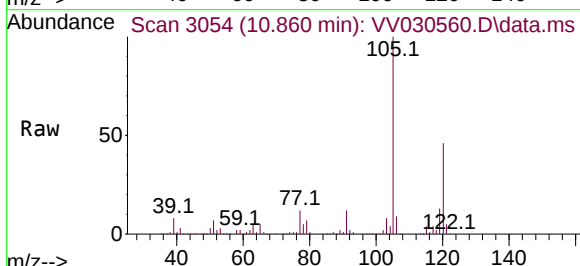
Acq: 14 Apr 2023 09:26

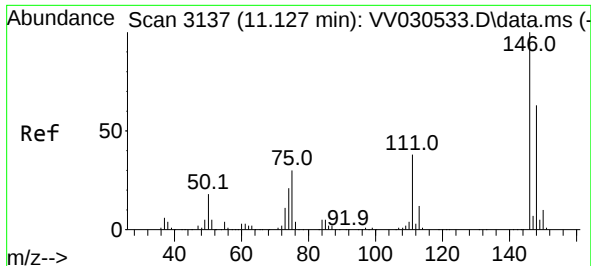
Tgt Ion:105 Resp: 204313

Ion Ratio Lower Upper

105 100

120 45.3 36.8 55.2

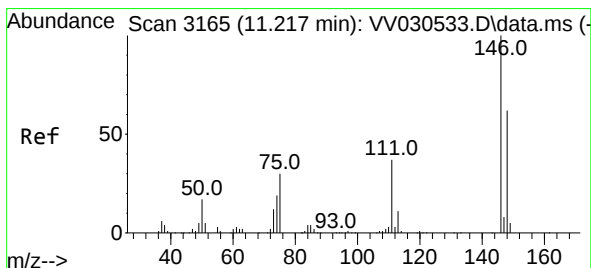
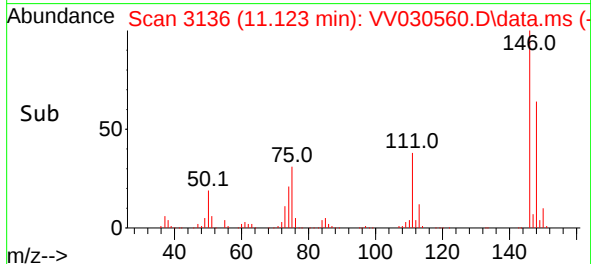
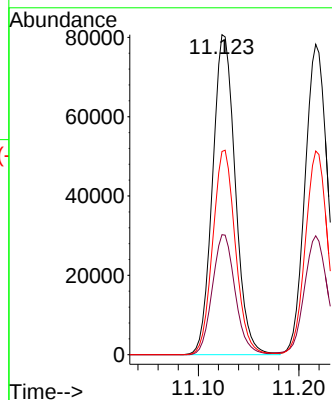
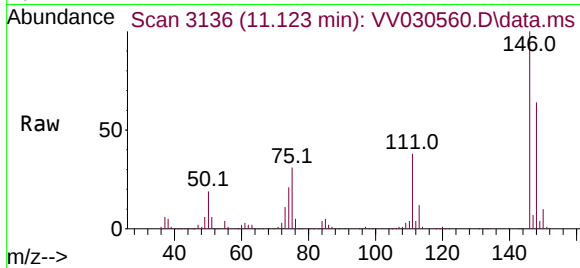




#64
1,3-Dichlorobenzene
Concen: 4.834 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

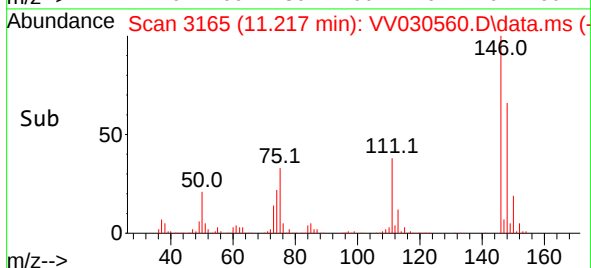
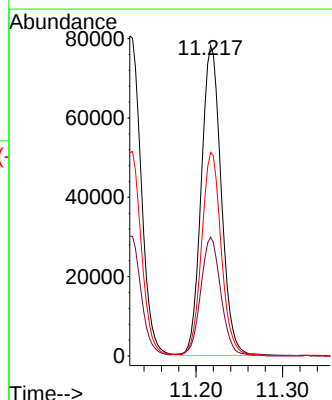
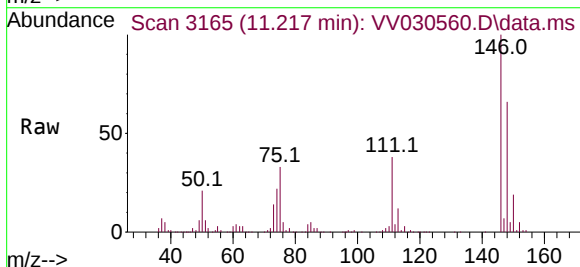
Instrument :
MSVOA_V
ClientSampleId :
VSTD005334

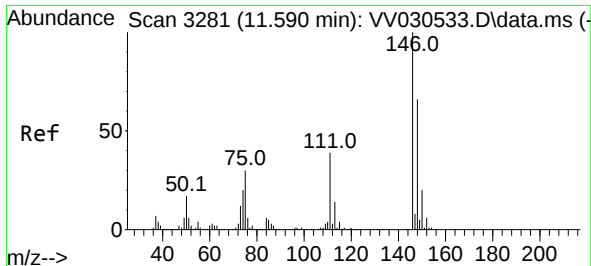
Tgt Ion:146 Resp: 126723
Ion Ratio Lower Upper
146 100
111 37.5 27.0 50.2
148 63.5 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.731 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

Tgt Ion:146 Resp: 124959
Ion Ratio Lower Upper
146 100
111 38.3 26.0 48.4
148 65.6 45.2 84.0

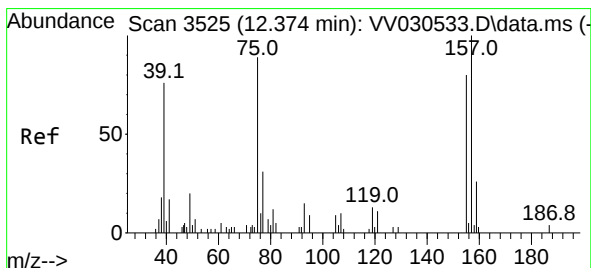
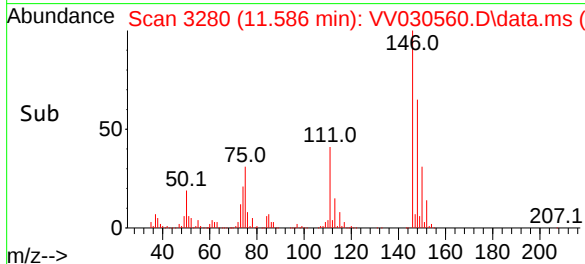
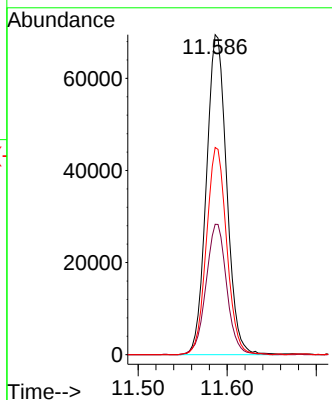
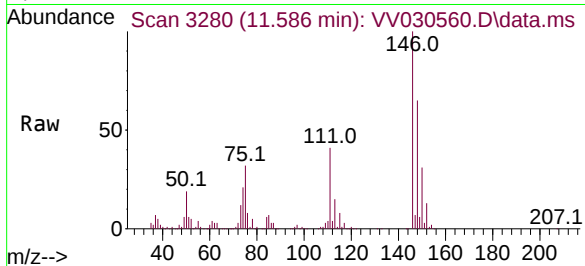




#67
1,2-Dichlorobenzene
Concen: 4.648 ug/L
RT: 11.586 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

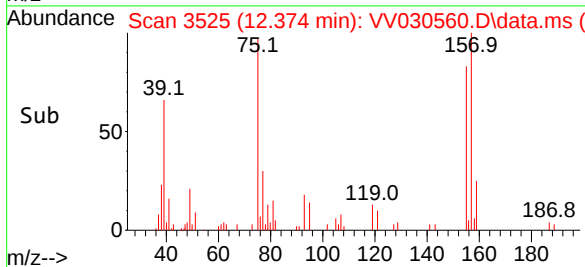
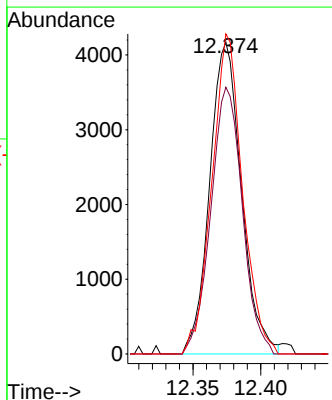
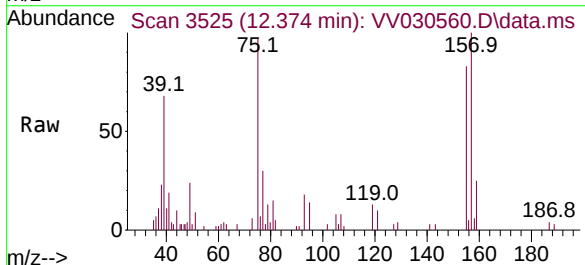
Instrument :
MSVOA_V
ClientSampleId :
VSTD005334

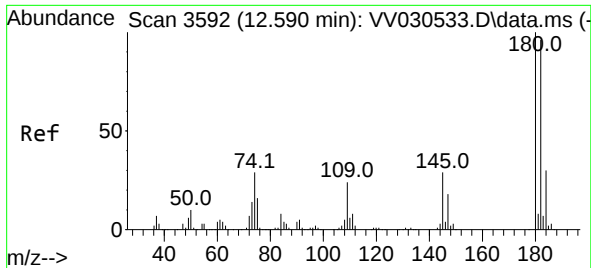
Tgt Ion:146 Resp: 109809
Ion Ratio Lower Upper
146 100
111 40.7 33.1 49.7
148 64.8 52.2 78.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.284 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. -0.000 min
Lab File: VV030560.D
Acq: 14 Apr 2023 09:26

Tgt Ion: 75 Resp: 6792
Ion Ratio Lower Upper
75 100
155 85.6 64.6 96.8
157 102.7 83.8 125.6

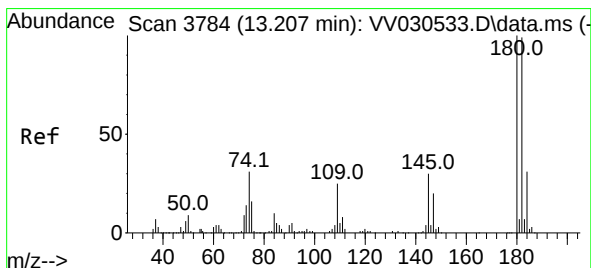
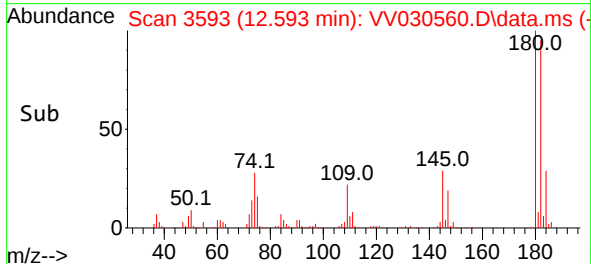
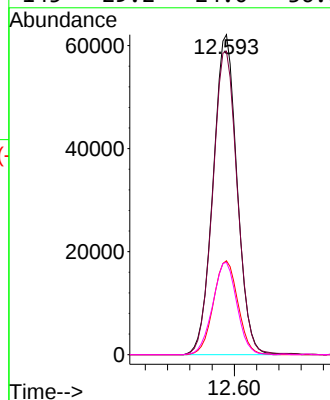
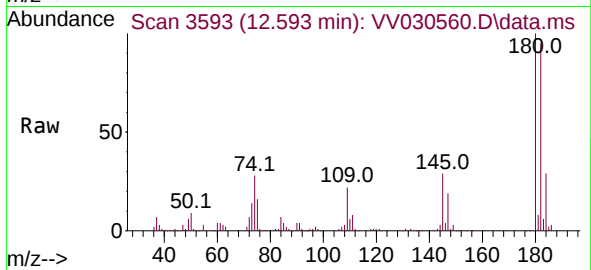




#69
 1,3,5-Trichlorobenzene
 Concen: 4.595 ug/L
 RT: 12.593 min Scan# 3593
 Delta R.T. 0.003 min
 Lab File: VV030560.D
 Acq: 14 Apr 2023 09:26

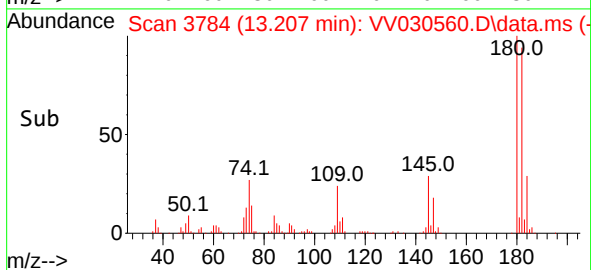
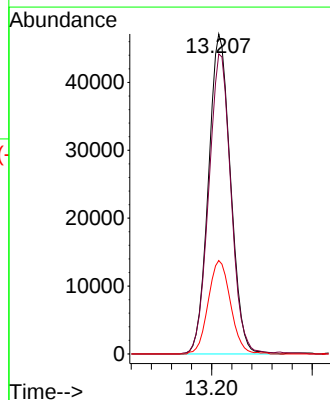
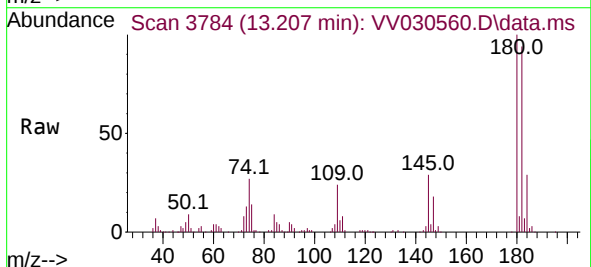
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005334

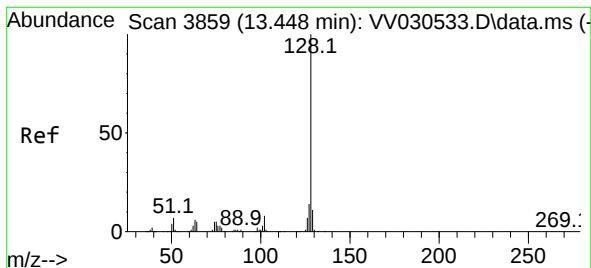
Tgt Ion:180	Resp:	92759
Ion Ratio	Lower	Upper
180	100	
182	97.1	76.5 114.7
184	30.0	24.0 36.0
145	29.2	24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 4.613 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030560.D
 Acq: 14 Apr 2023 09:26

Tgt Ion:180	Resp:	71892
Ion Ratio	Lower	Upper
180	100	
182	94.5	75.3 112.9
145	29.5	23.8 35.6





#71

Naphthalene

Concen: 4.091 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. -0.000 min

Lab File: VV030560.D

Acq: 14 Apr 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD005334

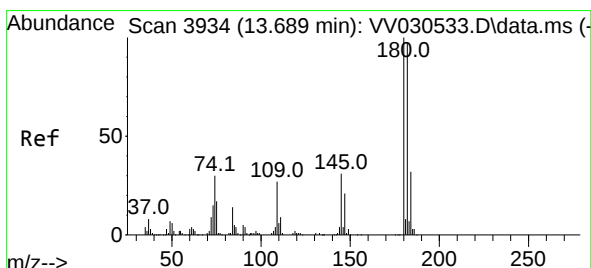
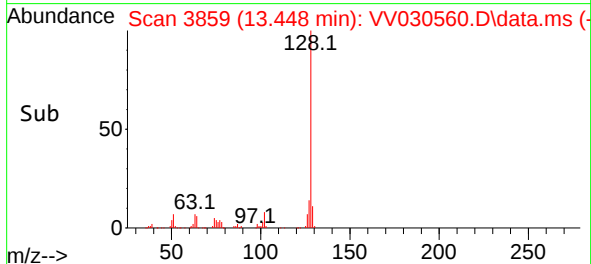
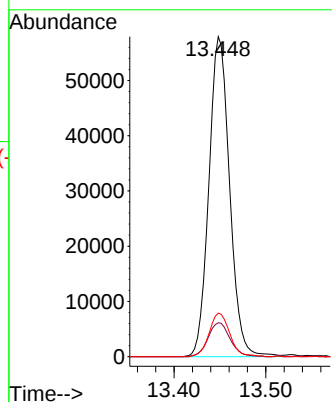
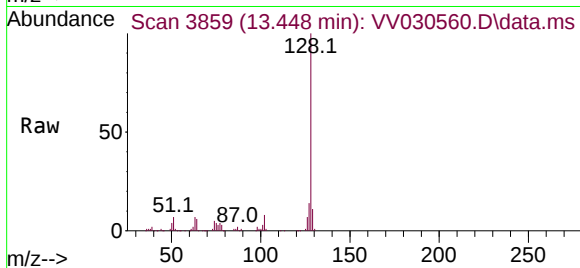
Tgt Ion:128 Resp: 91063

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.5 10.8 16.2



#72

1,2,3-Trichlorobenzene

Concen: 4.410 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. -0.000 min

Lab File: VV030560.D

Acq: 14 Apr 2023 09:26

Tgt Ion:180 Resp: 59535

Ion Ratio Lower Upper

180 100

182 96.6 76.6 115.0

145 30.7 25.0 37.4

