

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030223\
 Data File : VW030126.D
 Acq On : 02 Mar 2023 18:35
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005291

Quant Time: Mar 03 03:33:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 03 03:28:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	145152	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	143377	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	86481	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	41754	4.446	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.536	69	43947	4.985	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.066	63	97637	5.057	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.200%
20) 2-Butanone-d5	3.844	46	91024	52.566	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.140%
24) Chloroform-d	4.262	84	103909	5.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.400%
26) 1,2-Dichloroethane-d4	4.953	65	44072	5.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
32) Benzene-d6	4.973	84	186866	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	5.998	67	59571	5.133	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.252	98	175435	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	7.561	79	19175	4.829	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.037	63	91383	55.626	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.260%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	47555	5.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.200%
66) 1,2-Dichlorobenzene-d4	11.571	152	69939	4.780	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	65286	5.528	ug/L	98
3) Chloromethane	1.217	50	93311	5.014	ug/L	99
5) Vinyl chloride	1.285	62	69322	5.605	ug/L	99
6) Bromomethane	1.491	94	14056	6.331	ug/L	97
8) Chloroethane	1.552	64	42513	5.642	ug/L	100
9) Trichlorofluoromethane	1.719	101	98967	5.577	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	61743	5.611	ug/L	98
12) 1,1-Dichloroethene	2.076	96	54366	5.581	ug/L	94
13) Acetone	2.172	43	60615	47.361	ug/L	97
14) Carbon disulfide	2.246	76	139069	5.336	ug/L	99
15) Methyl Acetate	2.397	43	16965	5.676	ug/L	99
16) Methylene chloride	2.455	84	58887	4.948	ug/L	97
17) Methyl tert-butyl Ether	2.716	73	102807	5.397	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	50914	5.494	ug/L	99
19) 1,1-Dichloroethane	3.121	63	98253	5.692	ug/L	99
21) 2-Butanone	3.921	43	88644	51.500	ug/L #	63
22) cis-1,2-Dichloroethene	3.828	96	53098	5.184	ug/L	98
23) Bromochloromethane	4.162	128	25530	5.833	ug/L	95
25) Chloroform	4.288	83	102831	5.726	ug/L	98

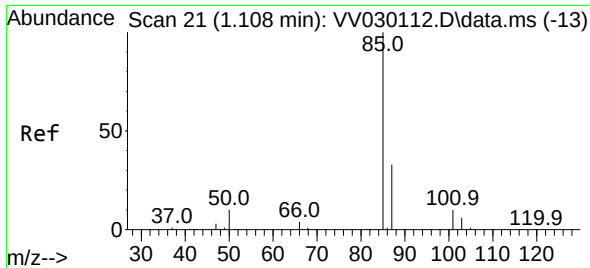
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 03 03:28:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	53988	5.748	ug/L	98
29) 1,1,1-Trichloroethane	4.523	97	91846	5.453	ug/L	98
30) Cyclohexane	4.593	56	69462	4.773	ug/L	99
31) Carbon tetrachloride	4.748	117	81307	5.371	ug/L	99
33) Benzene	5.021	78	210956	5.387	ug/L	100
34) Trichloroethene	5.844	95	55792	5.085	ug/L	98
35) Methylcyclohexane	6.060	83	78067	4.701	ug/L	95
37) 1,2-Dichloropropane	6.105	63	57306	5.752	ug/L	100
38) Bromodichloromethane	6.442	83	71769	5.643	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	72720	4.987	ug/L	97
40) 4-Methyl-2-pentanone	7.172	43	232229	56.494	ug/L	99
42) Toluene	7.323	91	231503	5.459	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	60725	5.334	ug/L	99
45) 1,1,2-Trichloroethane	7.777	97	39787	5.582	ug/L	96
47) Tetrachloroethene	7.915	164	48940	5.196	ug/L	96
48) 2-Hexanone	8.088	43	168877	57.386	ug/L	99
49) Dibromochloromethane	8.185	129	47583	5.705	ug/L	97
50) 1,2-Dibromoethane	8.291	107	37932	5.704	ug/L	97
51) Chlorobenzene	8.821	112	149428	5.224	ug/L	99
52) Ethylbenzene	8.957	91	238899	5.176	ug/L	99
53) m,p-Xylene	9.082	106	93662	5.280	ug/L	98
54) o-Xylene	9.487	106	88438	5.219	ug/L	98
55) Styrene	9.503	104	154689	5.490	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	47283	5.930	ug/L	98
59) Bromoform	9.674	173	27985	5.399	ug/L	99
60) Isopropylbenzene	9.876	105	244322	4.910	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	31432	5.430	ug/L	100
62) 1,3,5-Trimethylbenzene	10.487	105	191654	4.689	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	202633	4.846	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	131548	5.077	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	133923	5.123	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	120700	5.276	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	7097	5.490	ug/L	92
69) 1,3,5-Trichlorobenzene	12.593	180	101800	4.779	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	79970	4.635	ug/L	98
71) Naphthalene	13.448	128	102998	4.568	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	68683	4.835	ug/L	99

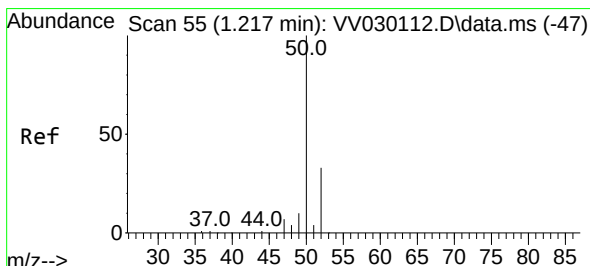
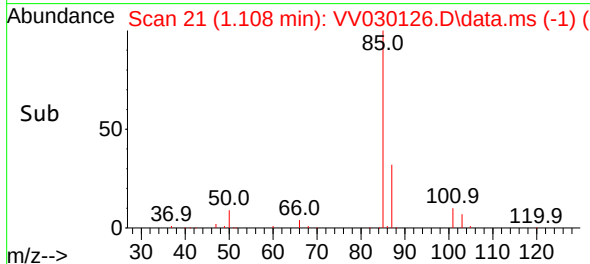
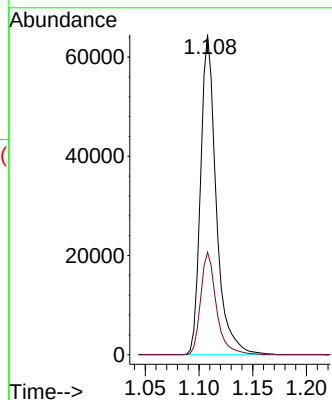
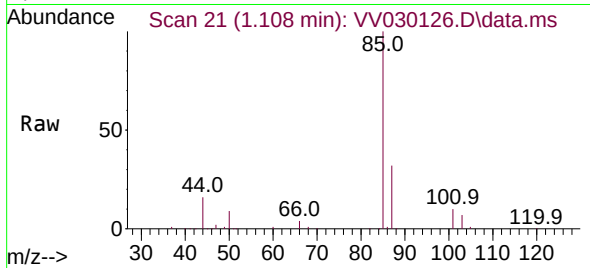
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#2
 Dichlorodifluoromethane
 Concen: 5.528 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030126.D
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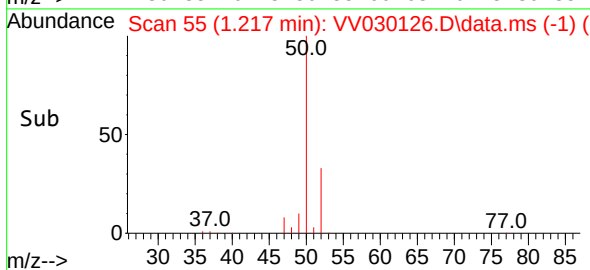
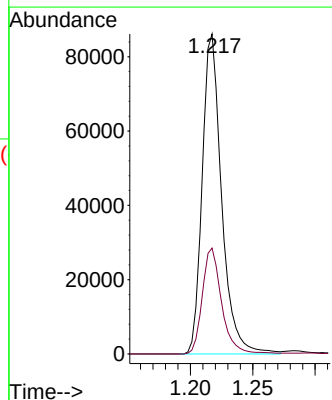
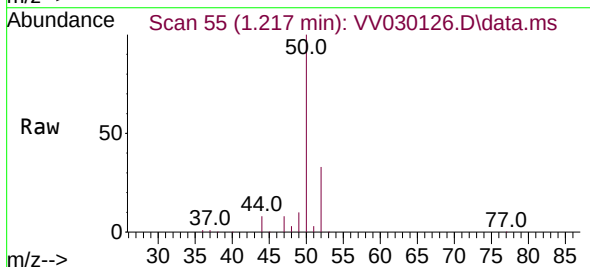
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005291

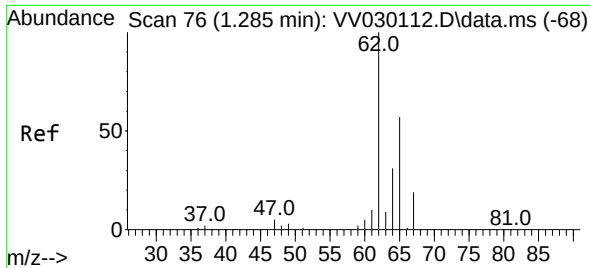
Tgt Ion: 85 Resp: 65286
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.6 39.8



#3
 Chloromethane
 Concen: 5.014 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030126.D
 Acq: 02 Mar 2023 18:35

Tgt Ion: 50 Resp: 93311
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.6 43.8

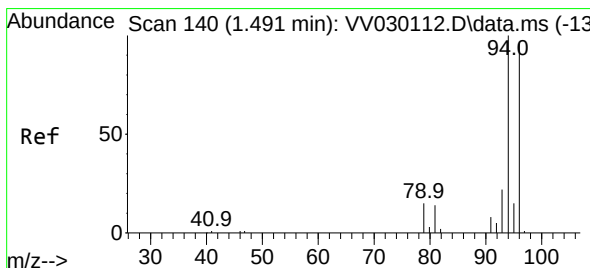
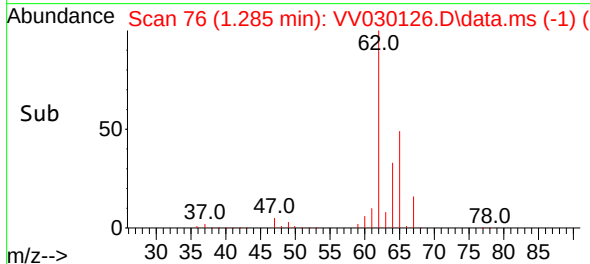
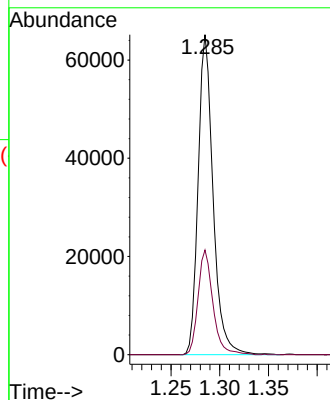
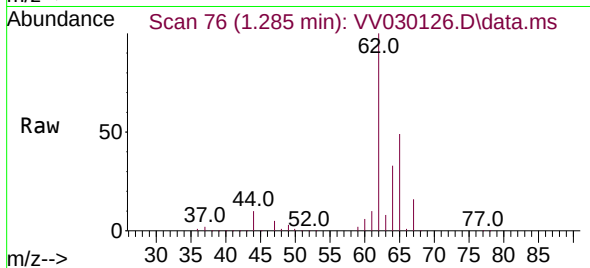




#5
 Vinyl chloride
 Concen: 5.605 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV030126.D
 Acq: 02 Mar 2023 18:35

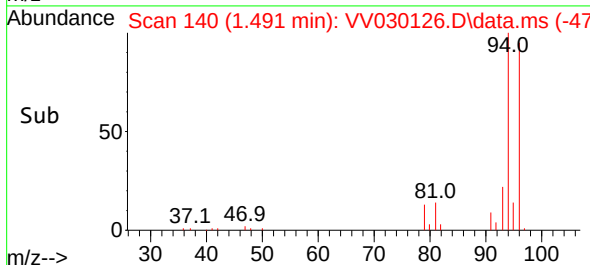
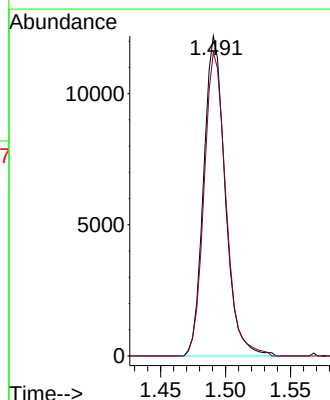
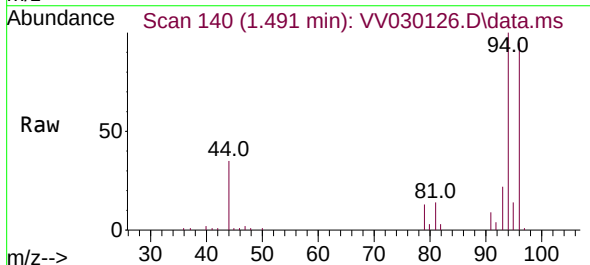
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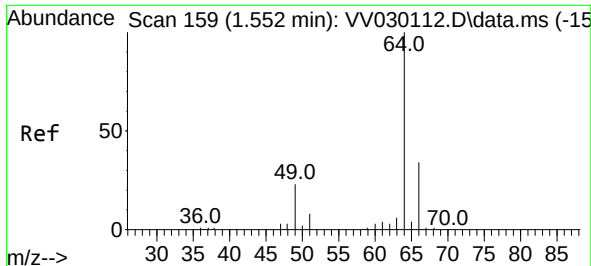
Tgt Ion: 62 Resp: 69322
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.1 42.9



#6
 Bromomethane
 Concen: 6.331 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV030126.D
 Acq: 02 Mar 2023 18:35

Tgt Ion: 94 Resp: 14056
 Ion Ratio Lower Upper
 94 100
 96 94.8 68.4 127.0

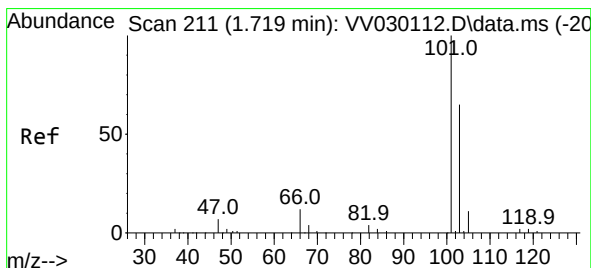
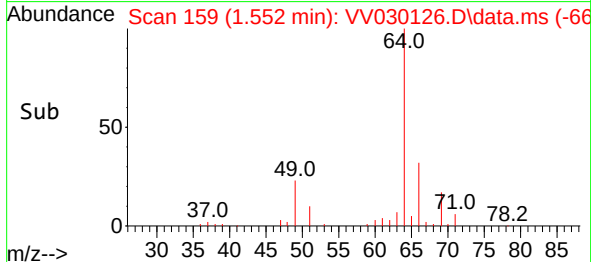
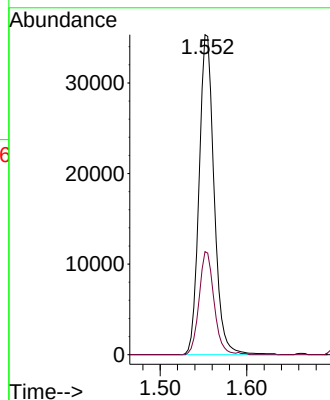
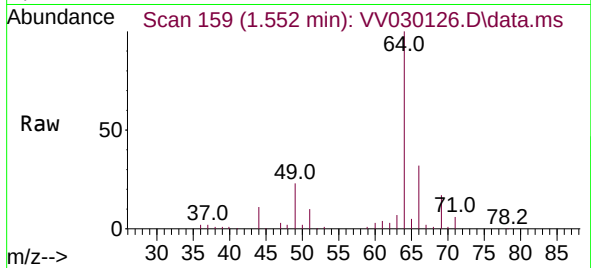




#8
Chloroethane
Concen: 5.642 ug/L
RT: 1.552 min Scan# 159
Delta R.T. -0.000 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

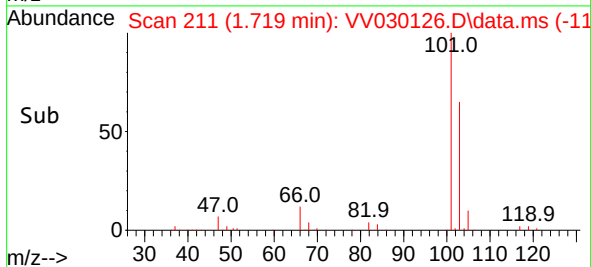
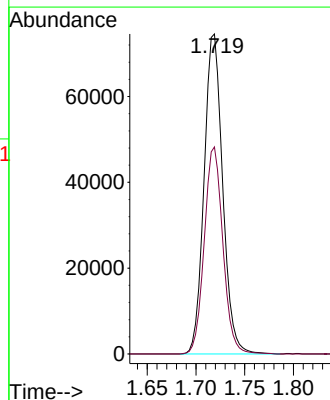
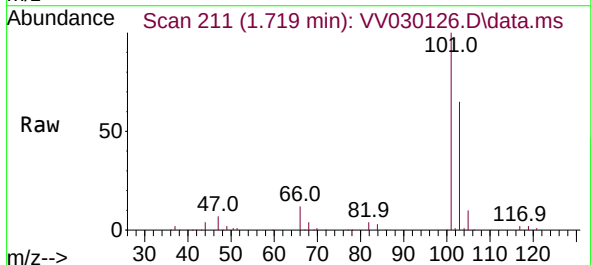
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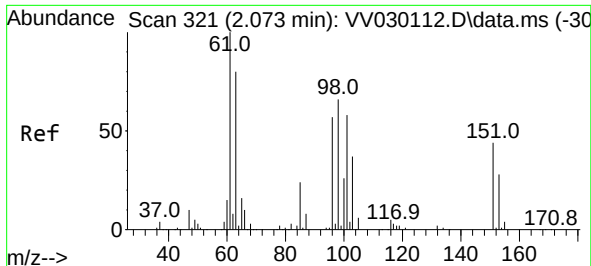
Tgt Ion: 64 Resp: 42513
Ion Ratio Lower Upper
64 100
66 32.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.577 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

Tgt Ion:101 Resp: 98967
Ion Ratio Lower Upper
101 100
103 64.7 52.7 79.1

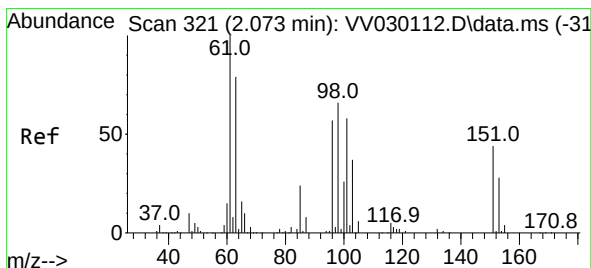
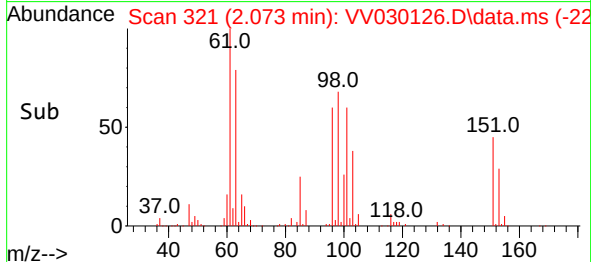
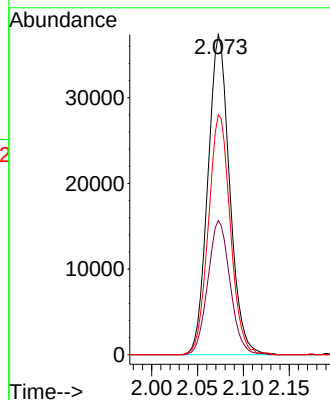
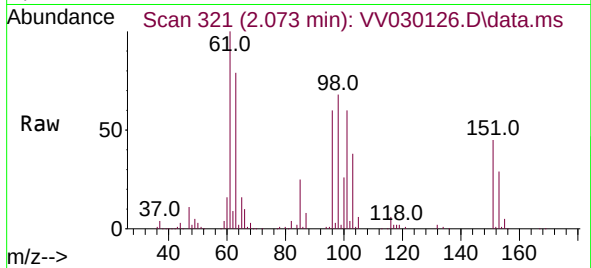




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.611 ug/L
 RT: 2.073 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV030126.D
 Acq: 02 Mar 2023 18:35

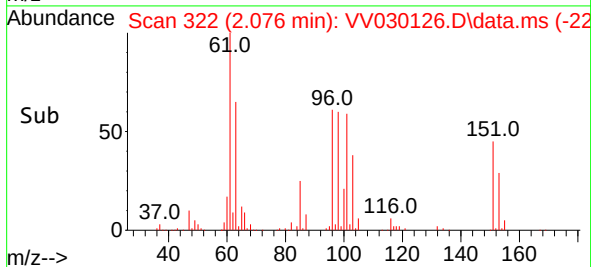
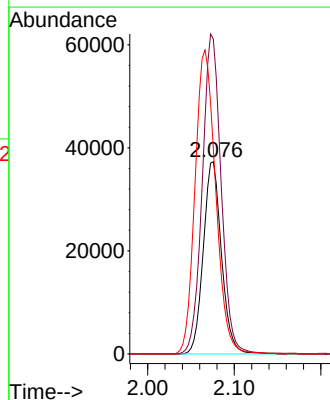
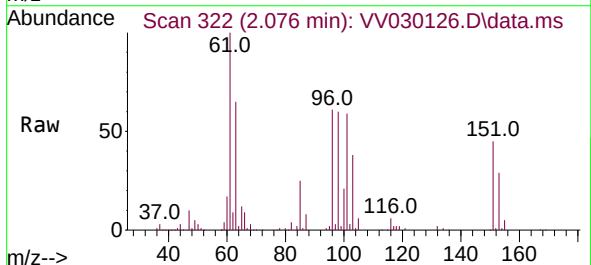
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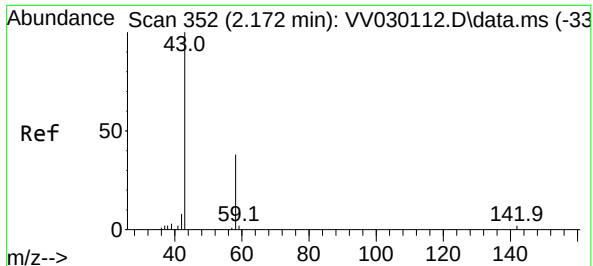
Tgt Ion:101 Resp: 61743
 Ion Ratio Lower Upper
 101 100
 85 42.7 33.5 50.3
 151 75.6 61.6 92.4



#12
 1,1-Dichloroethene
 Concen: 5.581 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. 0.003 min
 Lab File: VV030126.D
 Acq: 02 Mar 2023 18:35

Tgt Ion: 96 Resp: 54366
 Ion Ratio Lower Upper
 96 100
 61 163.8 115.6 214.6
 63 106.7 85.6 159.0





#13

Acetone

Concen: 47.361 ug/L

RT: 2.172 min Scan# 352

Delta R.T. -0.000 min

Lab File: VV030126.D

Acq: 02 Mar 2023 18:35

Instrument :

MSVOA_V

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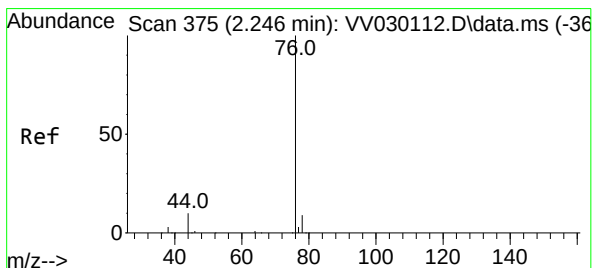
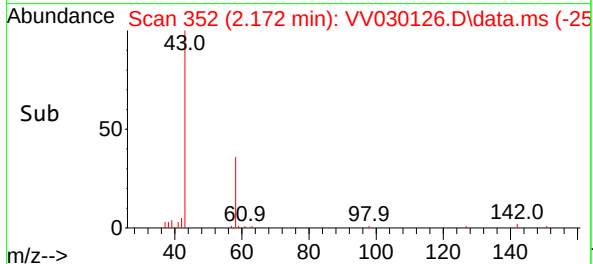
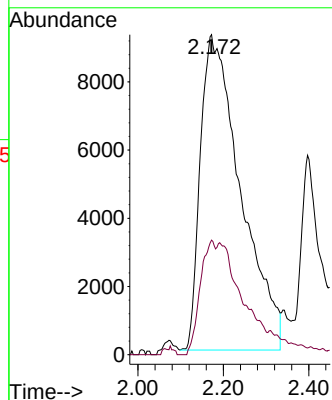
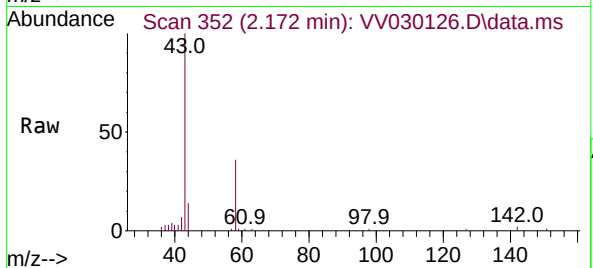
VSTD005291

Tgt Ion: 43 Resp: 60615

Ion Ratio Lower Upper

43 100

58 13.6 0.0 29.4



#14

Carbon disulfide

Concen: 5.336 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030126.D

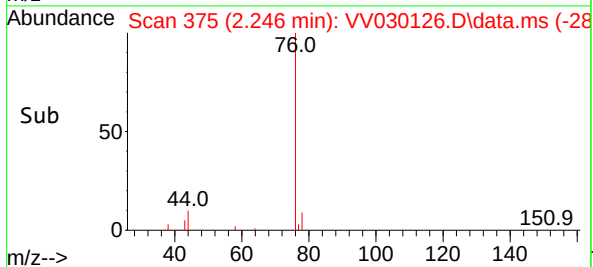
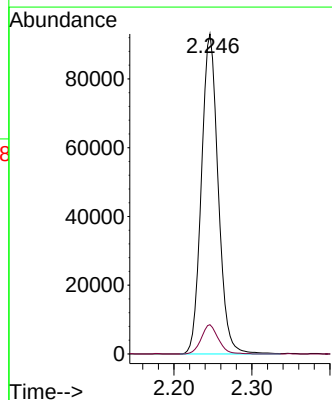
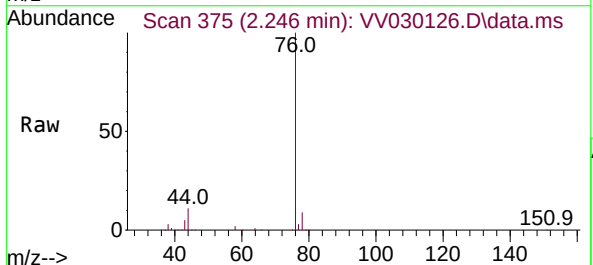
Acq: 02 Mar 2023 18:35

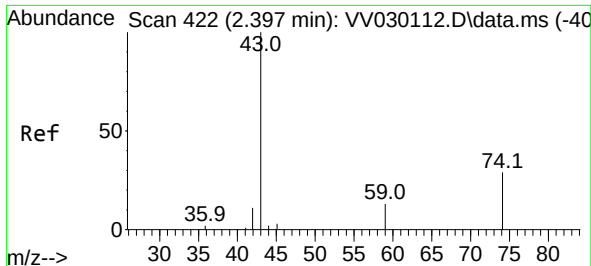
Tgt Ion: 76 Resp: 139069

Ion Ratio Lower Upper

76 100

78 9.1 7.7 11.5

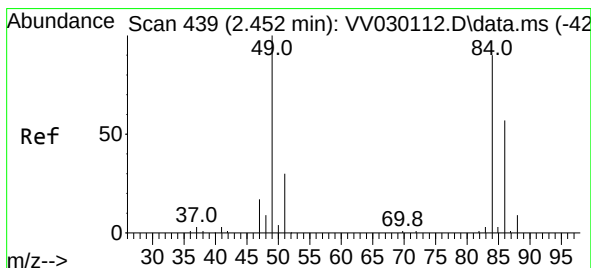
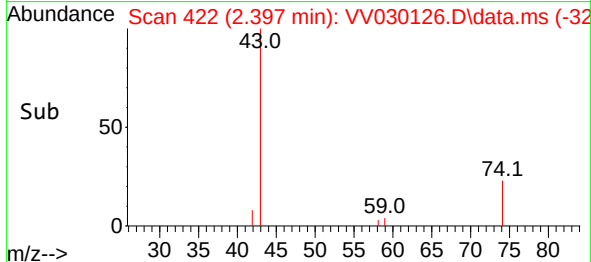
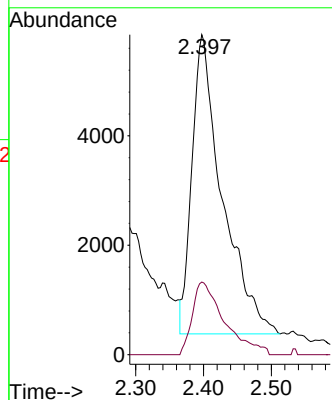
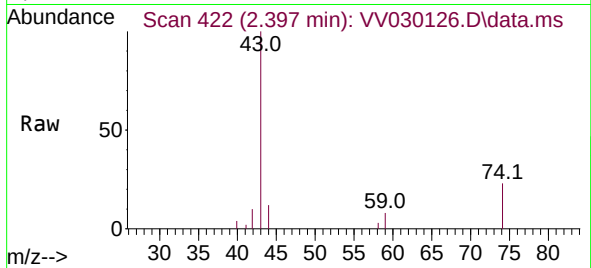




#15
Methyl Acetate
Concen: 5.676 ug/L
RT: 2.397 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

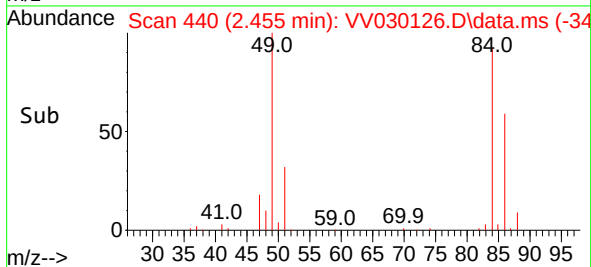
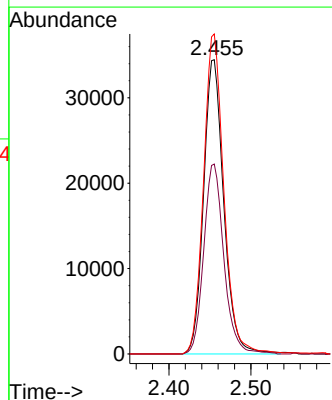
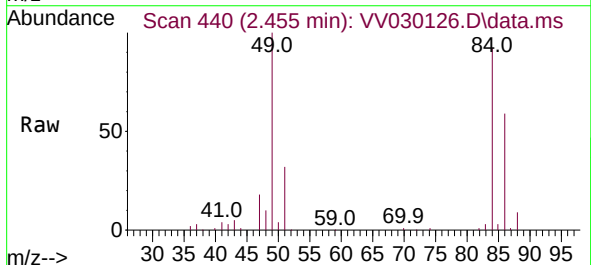
Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

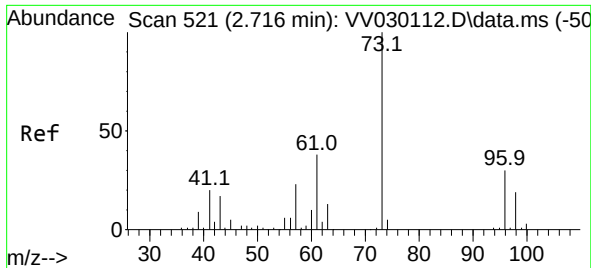
Tgt Ion: 43 Resp: 16965
Ion Ratio Lower Upper
43 100
74 25.7 20.1 30.1



#16
Methylene chloride
Concen: 4.948 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

Tgt Ion: 84 Resp: 58887
Ion Ratio Lower Upper
84 100
86 64.6 44.7 83.1
49 108.8 78.8 146.3

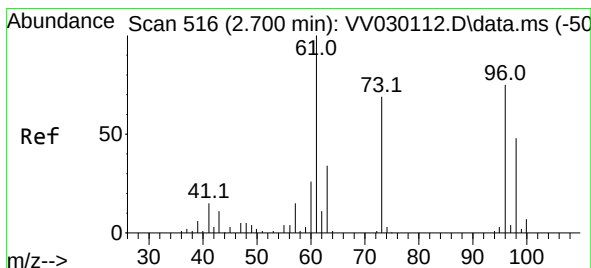
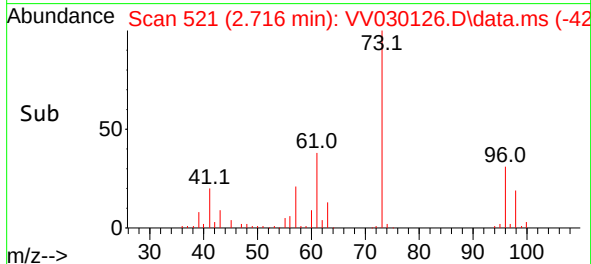
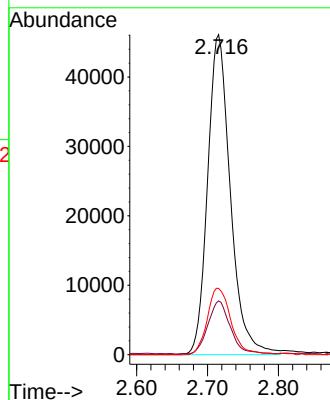
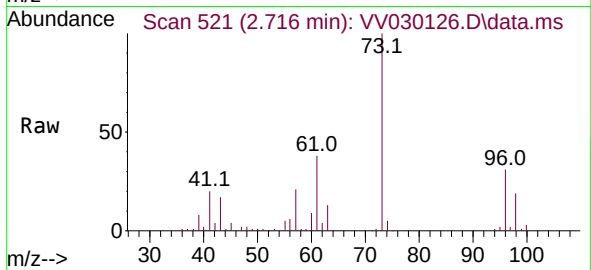




#17
Methyl tert-butyl Ether
Concen: 5.397 ug/L
RT: 2.716 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

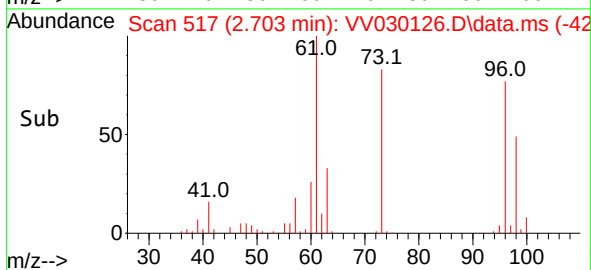
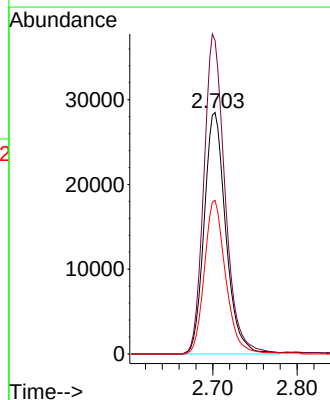
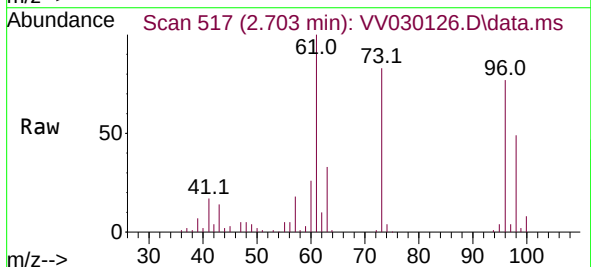
Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

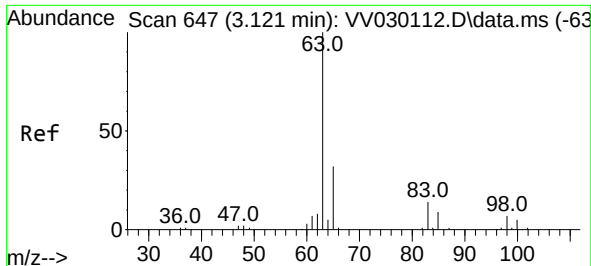
Tgt Ion: 73	Resp: 102807
Ion Ratio	Lower Upper
73 100	
43 16.0	13.4 20.2
57 21.6	16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 5.494 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

Tgt Ion: 96	Resp: 50914		
Ion Ratio	Lower	Upper	
96	100		
61	129.9	91.0	169.0
98	63.6	45.2	84.0





#19

1,1-Dichloroethane

Concen: 5.692 ug/L

RT: 3.121 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV030126.D

Acq: 02 Mar 2023 18:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005291

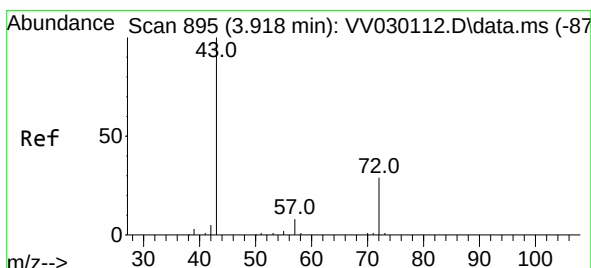
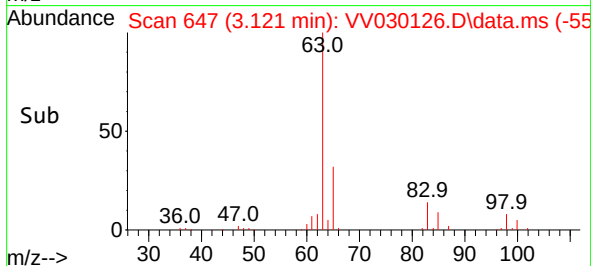
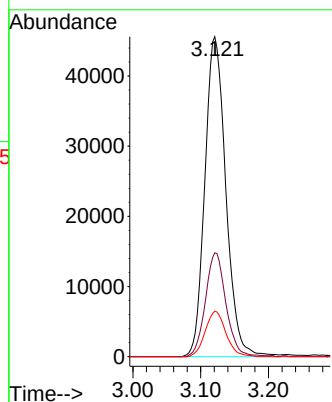
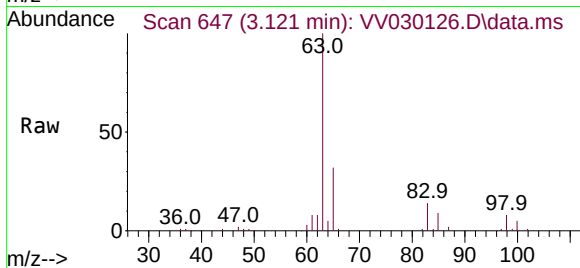
Tgt Ion: 63 Resp: 98253

Ion Ratio Lower Upper

63 100

65 32.5 23.0 42.8

83 14.2 9.6 17.8



#21

2-Butanone

Concen: 51.500 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.003 min

Lab File: VV030126.D

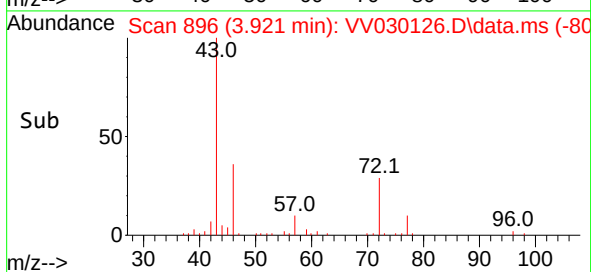
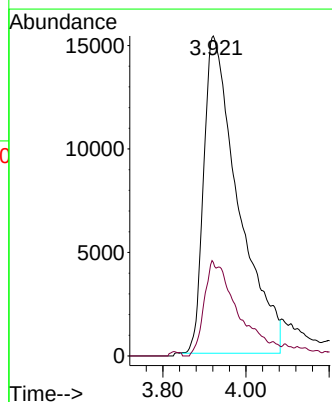
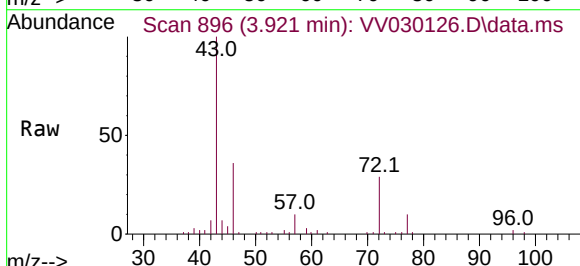
Acq: 02 Mar 2023 18:35

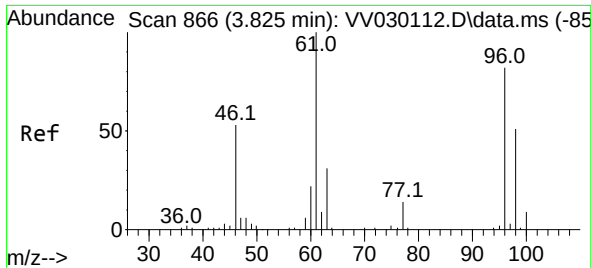
Tgt Ion: 43 Resp: 88644

Ion Ratio Lower Upper

43 100

72 10.3 15.1 45.3#

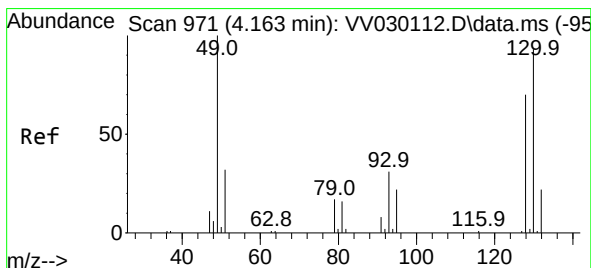
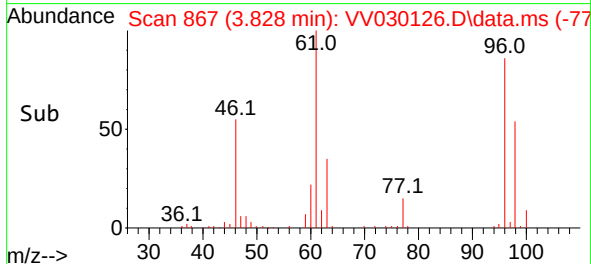
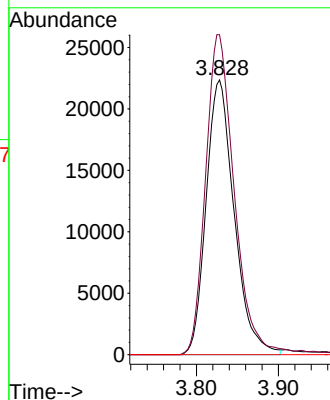
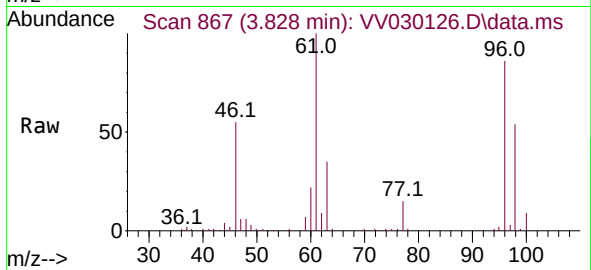




#22
 cis-1,2-Dichloroethene
 Concen: 5.184 ug/L
 RT: 3.828 min Scan# 866
 Delta R.T. 0.003 min
 Lab File: VV030126.D
 Acq: 02 Mar 2023 18:35

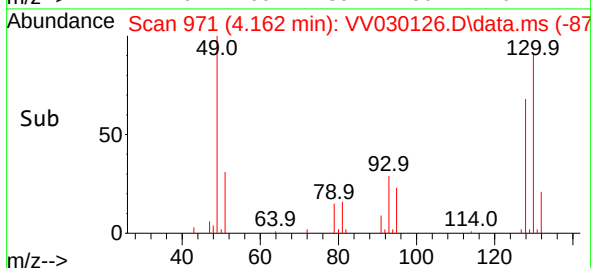
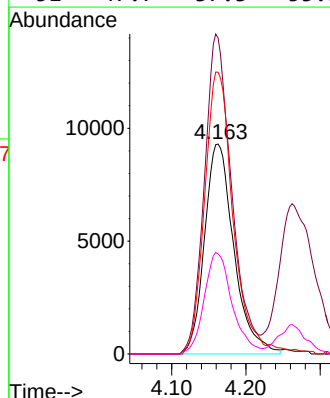
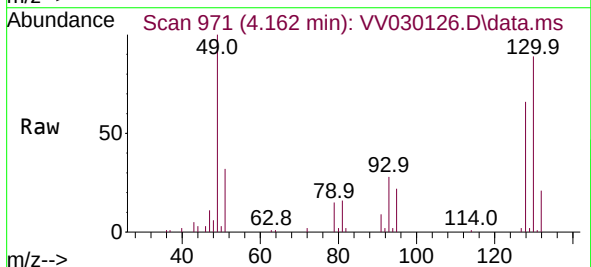
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005291

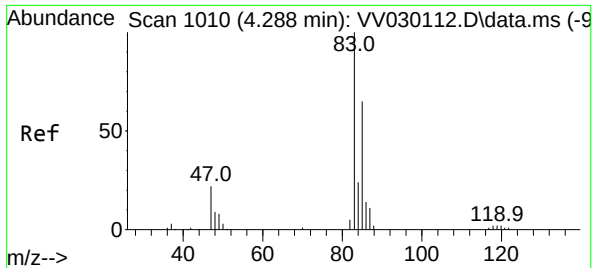
Tgt Ion: 96 Resp: 53098
 Ion Ratio Lower Upper
 96 100
 61 116.5 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.833 ug/L
 RT: 4.162 min Scan# 971
 Delta R.T. -0.000 min
 Lab File: VV030126.D
 Acq: 02 Mar 2023 18:35

Tgt Ion: 128 Resp: 25530
 Ion Ratio Lower Upper
 128 100
 49 150.4 99.5 184.9
 130 134.2 90.5 168.1
 51 47.7 37.3 55.9





#25

Chloroform

Concen: 5.726 ug/L

RT: 4.288 min Scan# 1010

Delta R.T. -0.000 min

Lab File: VV030126.D

Acq: 02 Mar 2023 18:35

Instrument :

MSVOA_V

ClientSampleId :

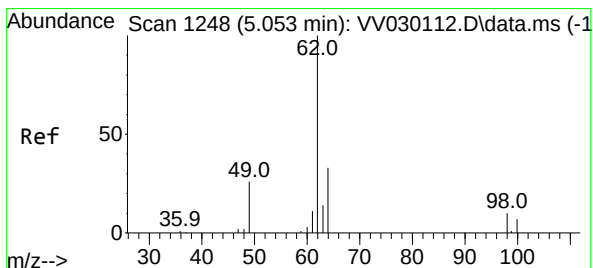
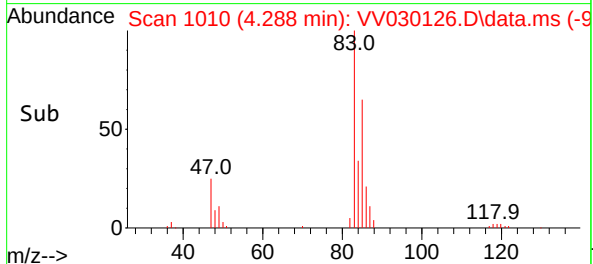
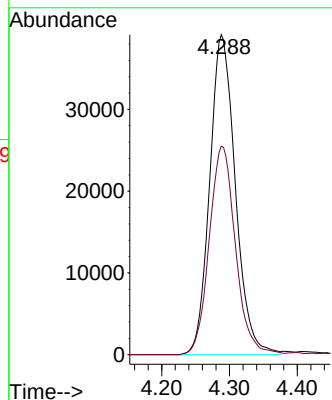
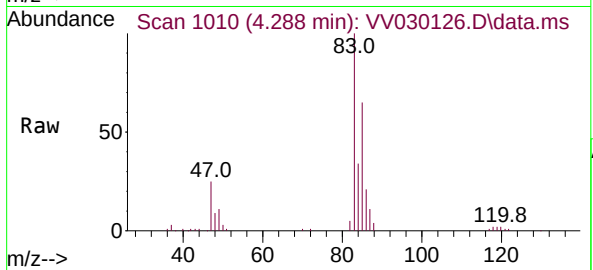
VSTD005291

Tgt Ion: 83 Resp: 102831

Ion Ratio Lower Upper

83 100

85 65.2 46.5 86.5



#27

1,2-Dichloroethane

Concen: 5.748 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VV030126.D

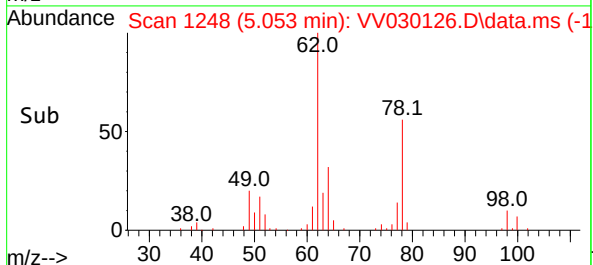
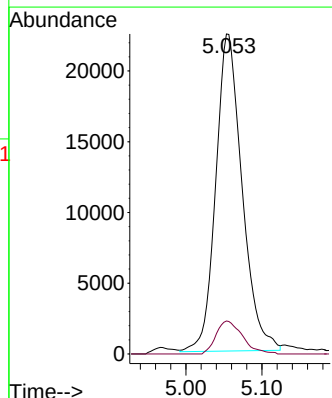
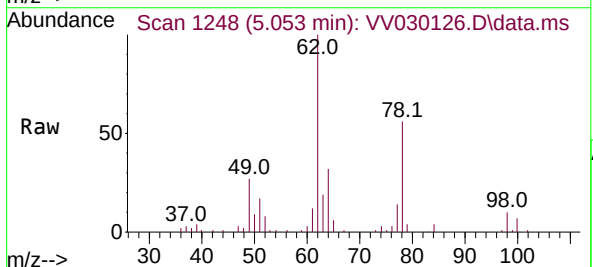
Acq: 02 Mar 2023 18:35

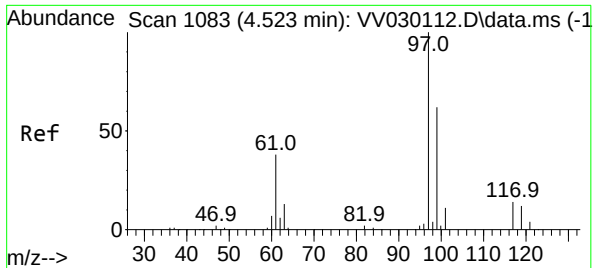
Tgt Ion: 62 Resp: 53988

Ion Ratio Lower Upper

62 100

98 10.3 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.453 ug/L

RT: 4.523 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV030126.D

Acq: 02 Mar 2023 18:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005291

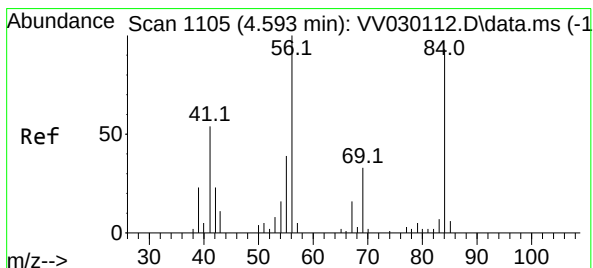
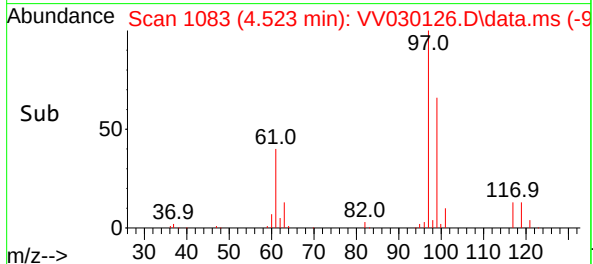
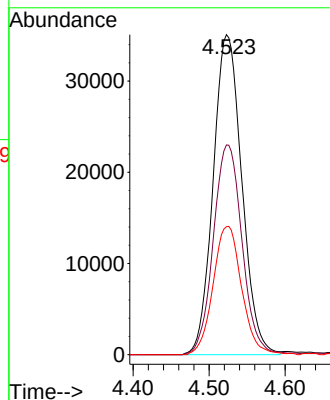
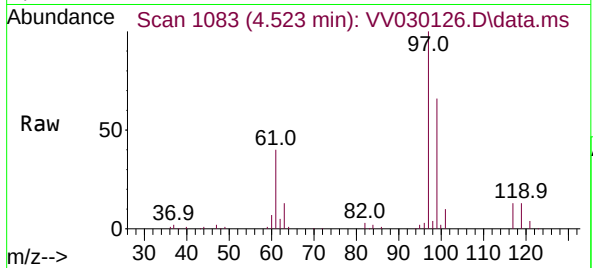
Tgt Ion: 97 Resp: 91846

Ion Ratio Lower Upper

97 100

99 65.7 51.3 76.9

61 39.9 31.5 47.3



#30

Cyclohexane

Concen: 4.773 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV030126.D

Acq: 02 Mar 2023 18:35

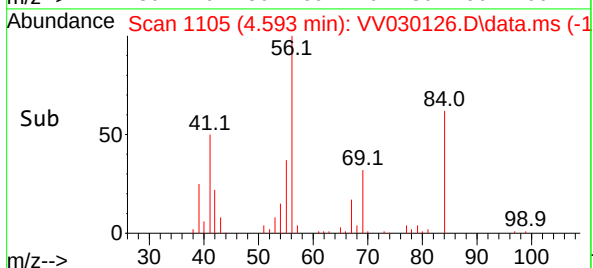
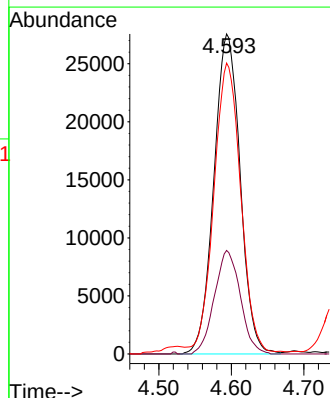
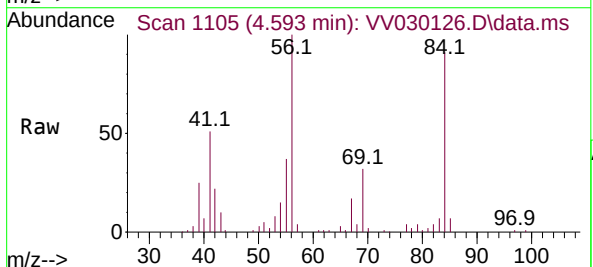
Tgt Ion: 56 Resp: 69462

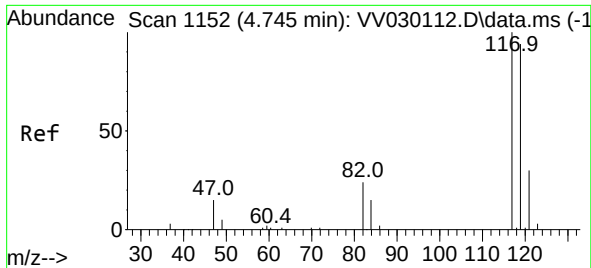
Ion Ratio Lower Upper

56 100

69 31.8 25.1 37.7

84 91.8 74.6 111.8

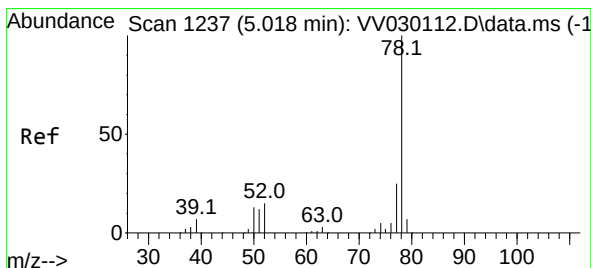
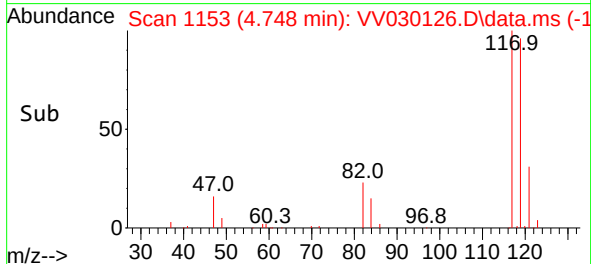
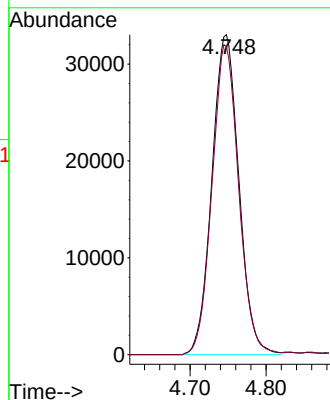
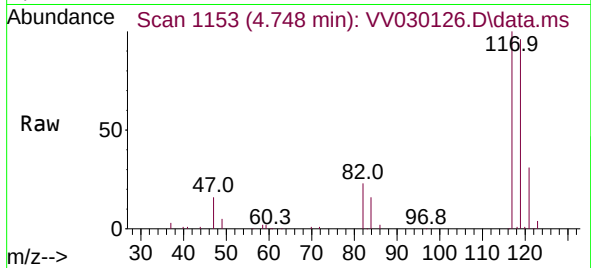




#31
Carbon tetrachloride
Concen: 5.371 ug/L
RT: 4.748 min Scan# 1152
Delta R.T. 0.003 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

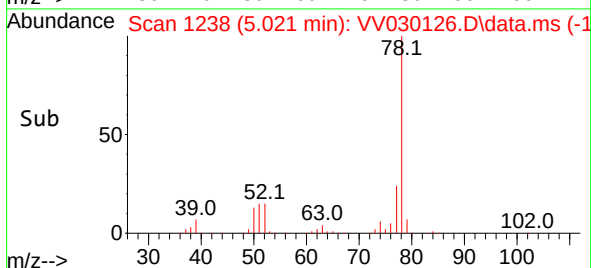
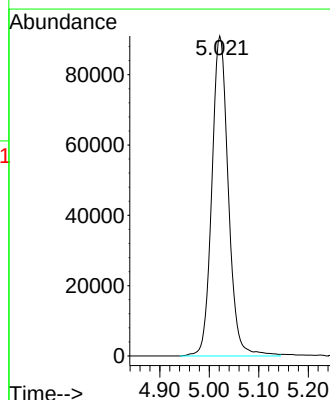
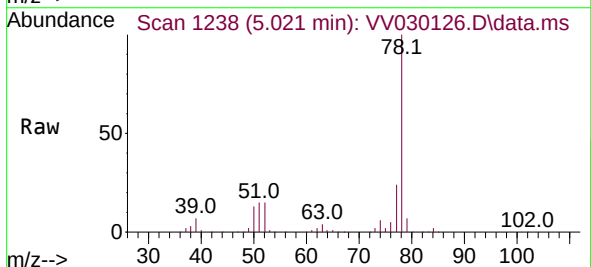
Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

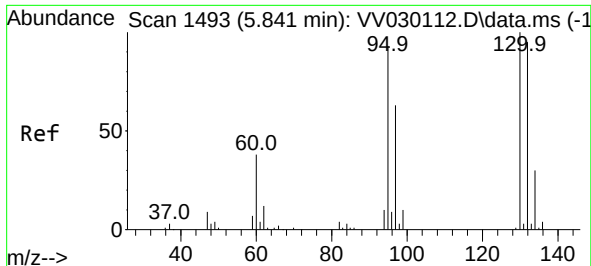
Tgt Ion:117 Resp: 81307
Ion Ratio Lower Upper
117 100
119 95.7 76.1 114.1



#33
Benzene
Concen: 5.387 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

Tgt Ion: 78 Resp: 210956



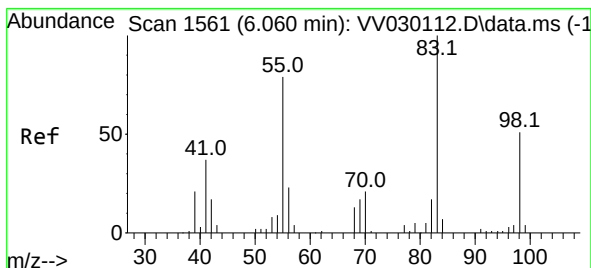
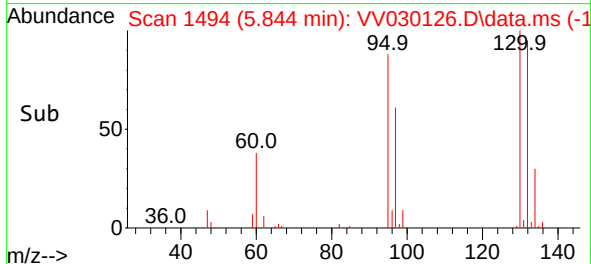
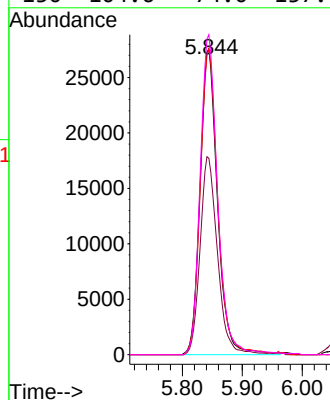
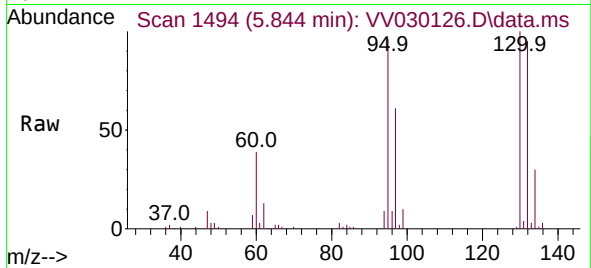


#34
Trichloroethene
Concen: 5.085 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.003 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

Tgt Ion: 95 Resp: 55792

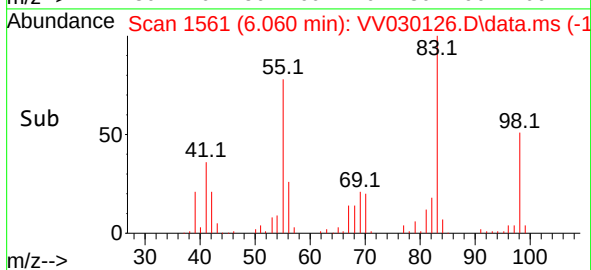
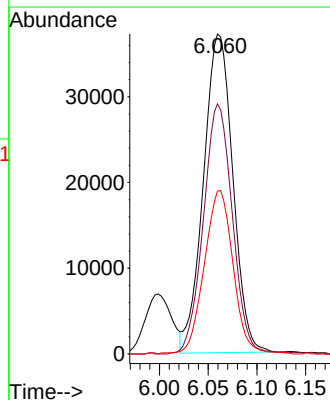
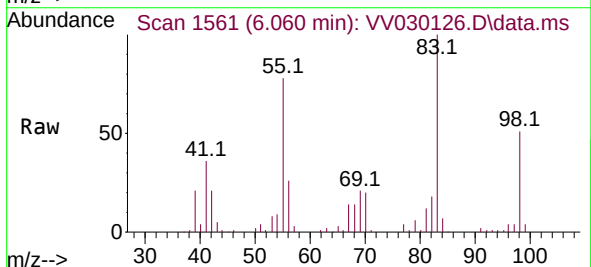
Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.5	86.5
132	99.9	71.7	133.3
130	104.6	74.0	137.4

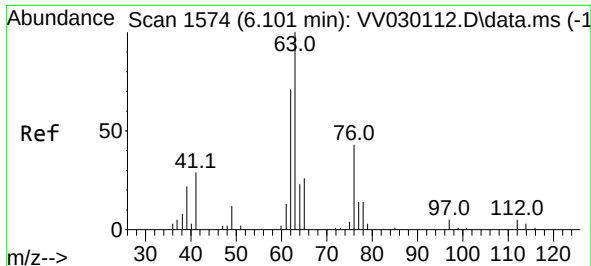


#35
Methylcyclohexane
Concen: 4.701 ug/L
RT: 6.060 min Scan# 1561
Delta R.T. -0.000 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

Tgt Ion: 83 Resp: 78067

Ion	Ratio	Lower	Upper
83	100		
55	77.6	57.6	86.4
98	50.4	38.8	58.2





#37

1,2-Dichloropropane

Concen: 5.752 ug/L

RT: 6.105 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV030126.D

Acq: 02 Mar 2023 18:35

Instrument :

MSVOA_V

ClientSampleId :

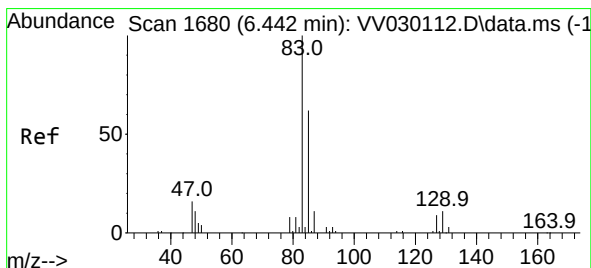
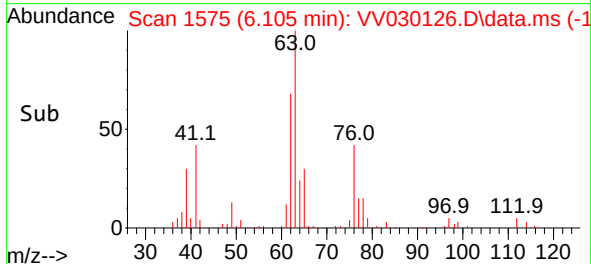
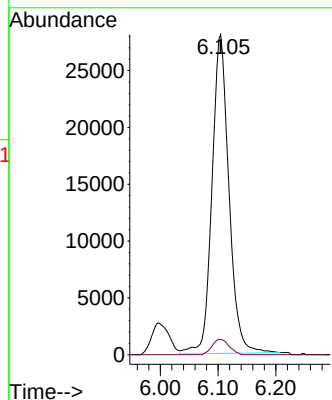
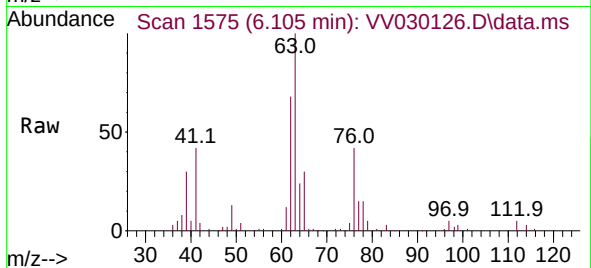
VSTD005291

Tgt Ion: 63 Resp: 57306

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.6



#38

Bromodichloromethane

Concen: 5.643 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. -0.000 min

Lab File: VV030126.D

Acq: 02 Mar 2023 18:35

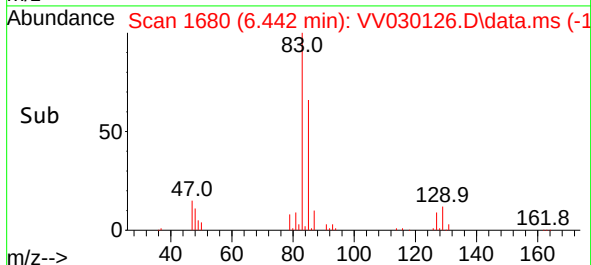
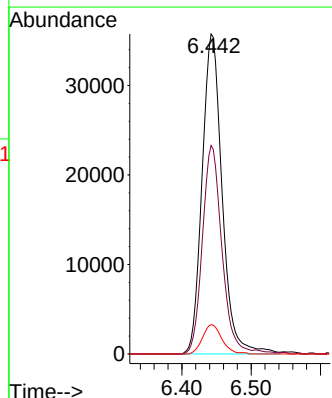
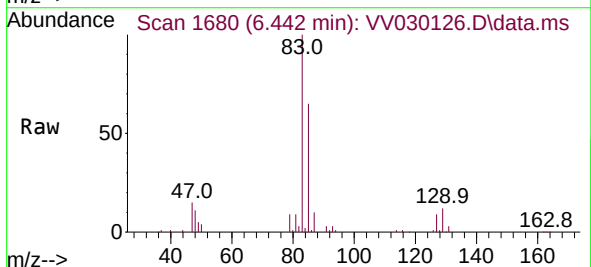
Tgt Ion: 83 Resp: 71769

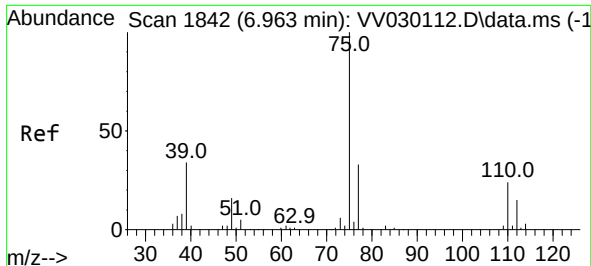
Ion Ratio Lower Upper

83 100

85 65.2 44.3 82.3

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.987 ug/L

RT: 6.963 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV030126.D

Acq: 02 Mar 2023 18:35

Instrument :

MSVOA_V

ClientSampleId :

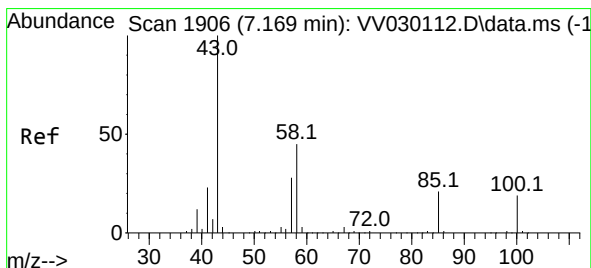
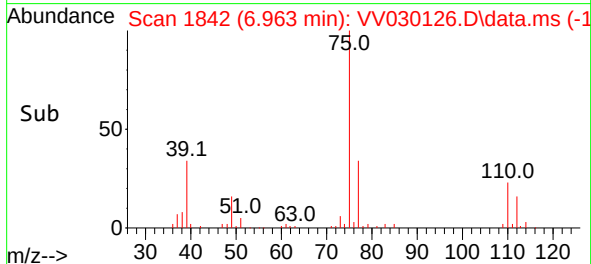
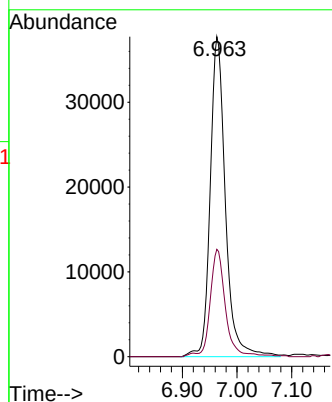
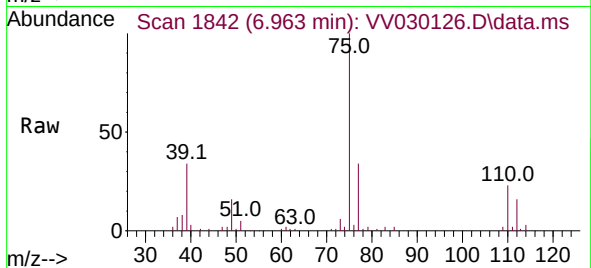
VSTD005291

Tgt Ion: 75 Resp: 72720

Ion Ratio Lower Upper

75 100

77 33.6 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 56.494 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.003 min

Lab File: VV030126.D

Acq: 02 Mar 2023 18:35

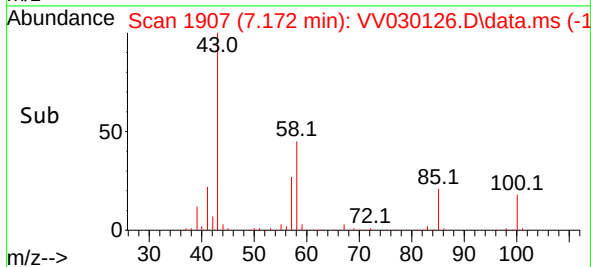
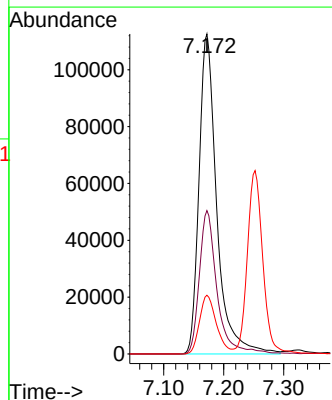
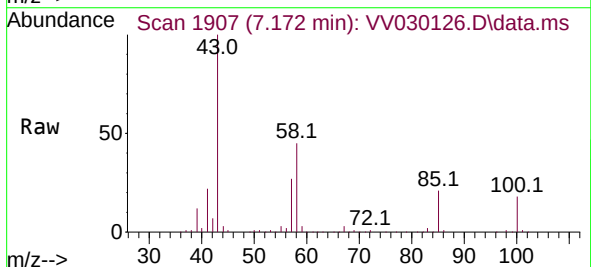
Tgt Ion: 43 Resp: 232229

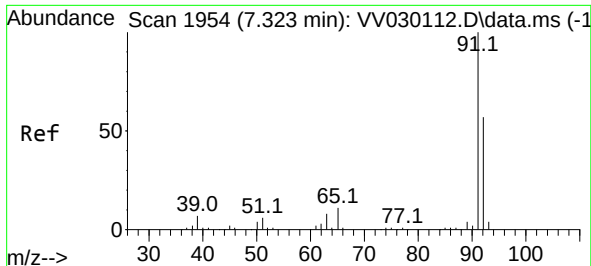
Ion Ratio Lower Upper

43 100

58 43.4 35.3 52.9

100 17.4 14.7 22.1





#42

Toluene

Concen: 5.459 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VV030126.D

Acq: 02 Mar 2023 18:35

Instrument :

MSVOA_V

ClientSampleId :

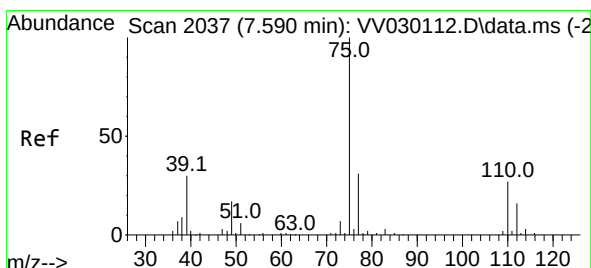
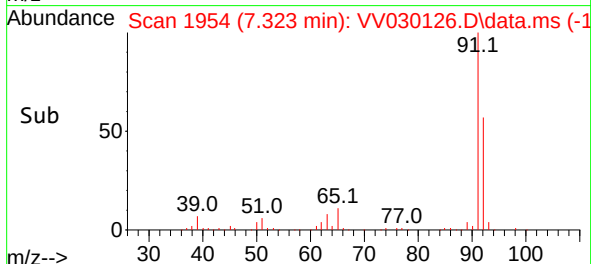
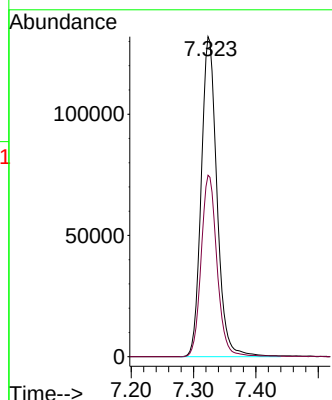
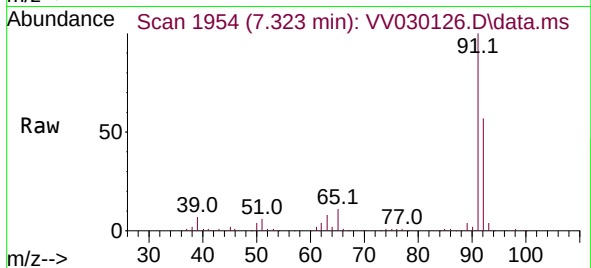
VSTD005291

Tgt Ion: 91 Resp: 231503

Ion Ratio Lower Upper

91 100

92 56.7 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 5.334 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. -0.000 min

Lab File: VV030126.D

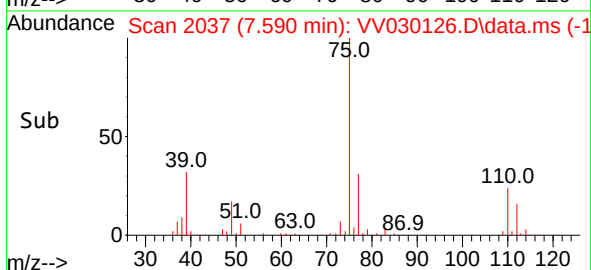
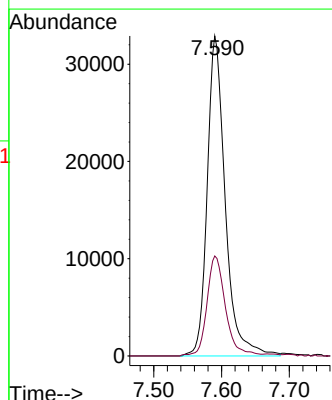
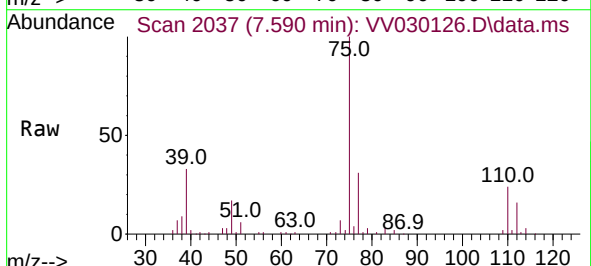
Acq: 02 Mar 2023 18:35

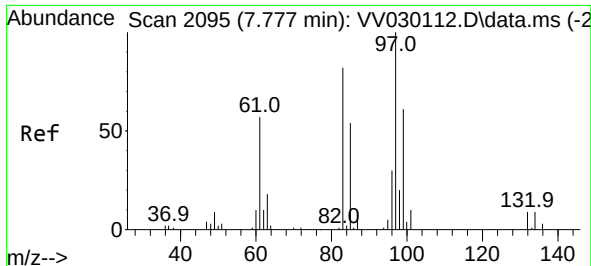
Tgt Ion: 75 Resp: 60725

Ion Ratio Lower Upper

75 100

77 31.3 22.1 41.1

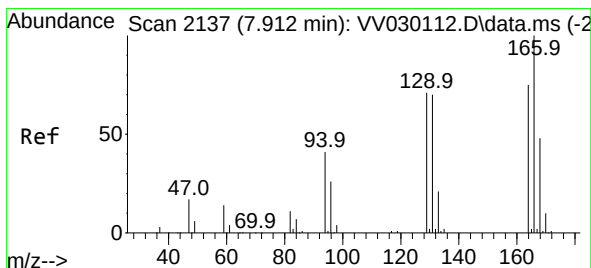
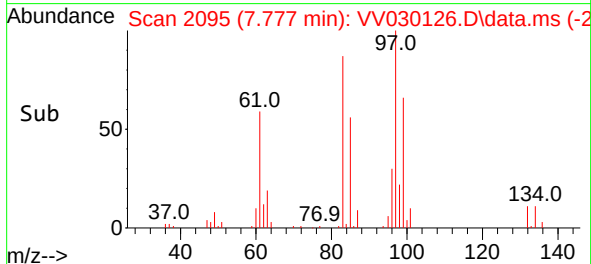
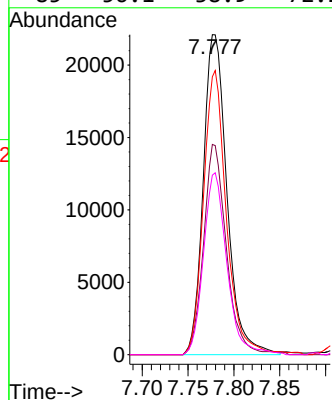
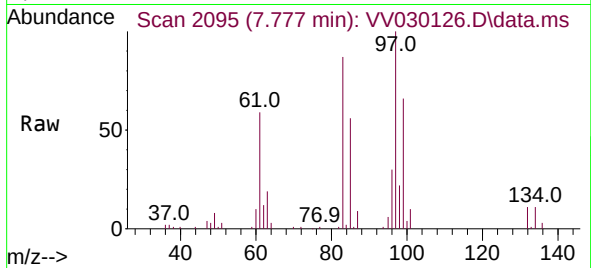




#45
1,1,2-Trichloroethane
Concen: 5.582 ug/L
RT: 7.777 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

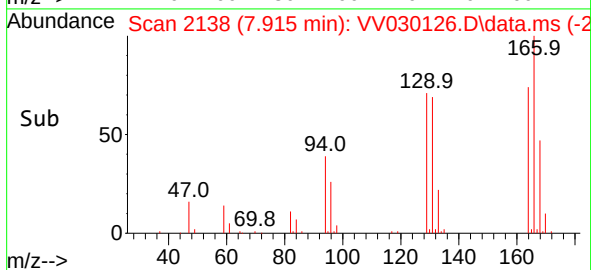
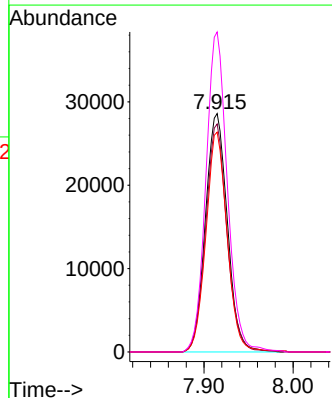
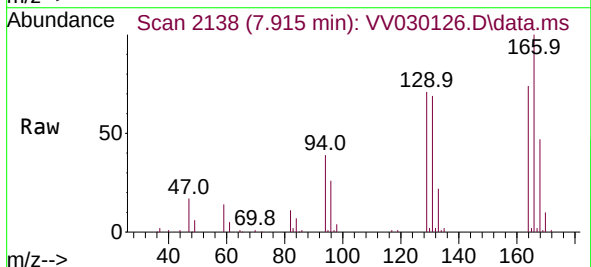
Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

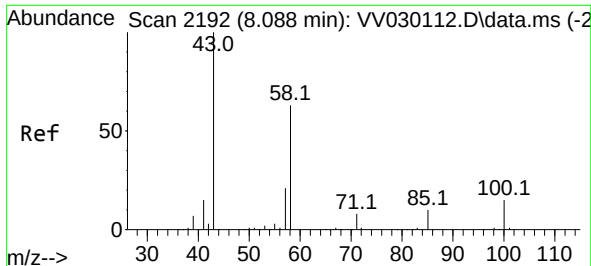
Tgt Ion:	97	Resp:	39787
Ion	Ratio	Lower	Upper
97	100		
99	65.7	42.6	79.2
83	86.9	57.7	107.3
85	56.1	38.9	72.2



#47
Tetrachloroethene
Concen: 5.196 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

Tgt Ion:	164	Resp:	48940
Ion	Ratio	Lower	Upper
164	100		
129	95.6	63.6	118.2
131	92.2	61.7	114.7
166	134.2	90.8	168.6



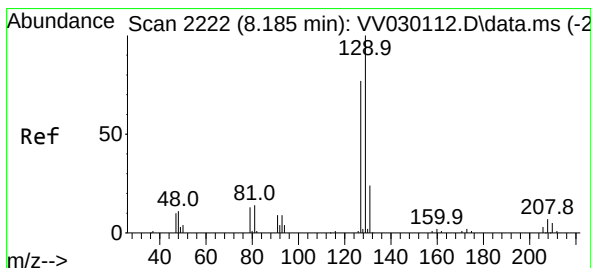
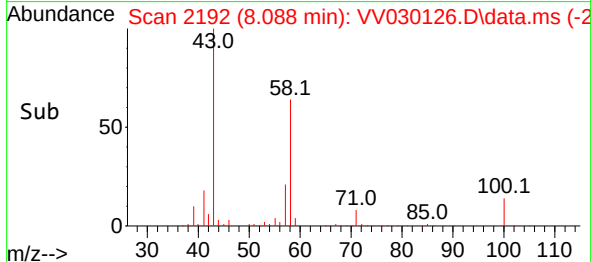
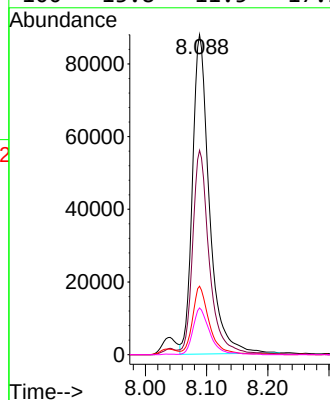
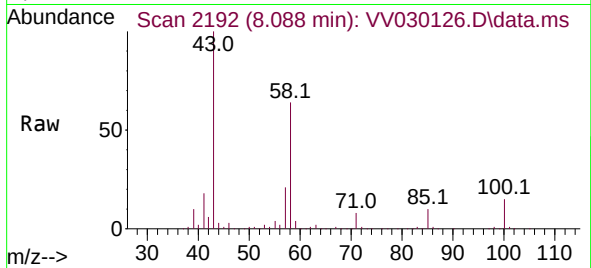


#48
2-Hexanone
Concen: 57.386 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.000 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

Tgt Ion: 43 Resp: 168877

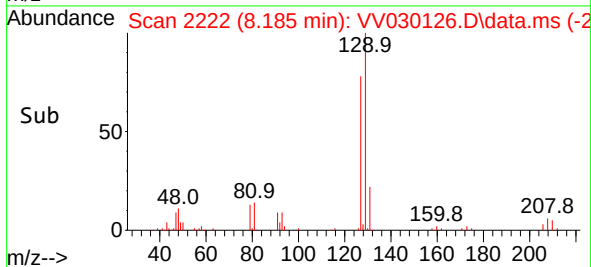
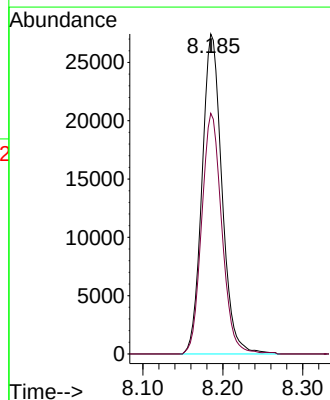
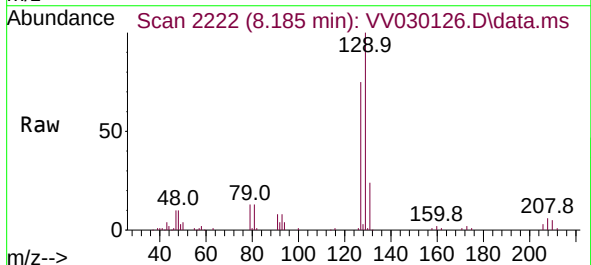
Ion	Ratio	Lower	Upper
43	100		
58	63.1	49.8	74.8
57	20.7	16.6	24.8
100	13.8	11.5	17.3

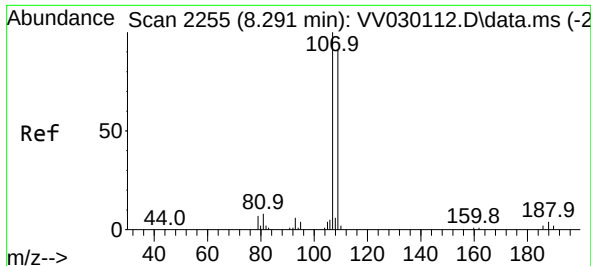


#49
Dibromochloromethane
Concen: 5.705 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

Tgt Ion: 129 Resp: 47583

Ion	Ratio	Lower	Upper
129	100		
127	75.2	54.7	101.5





#50

1,2-Dibromoethane

Concen: 5.704 ug/L

RT: 8.291 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV030126.D

Acq: 02 Mar 2023 18:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005291

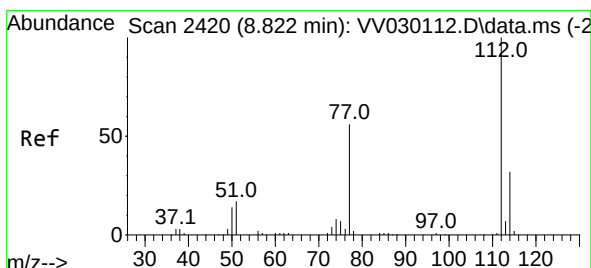
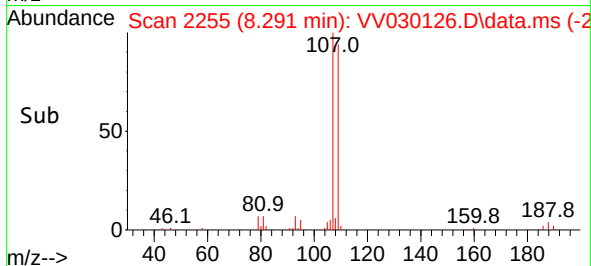
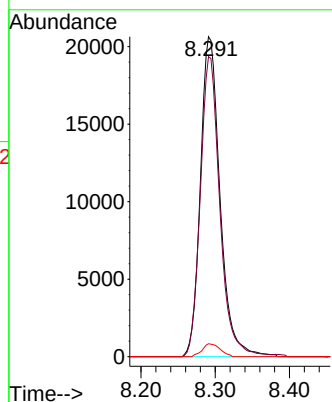
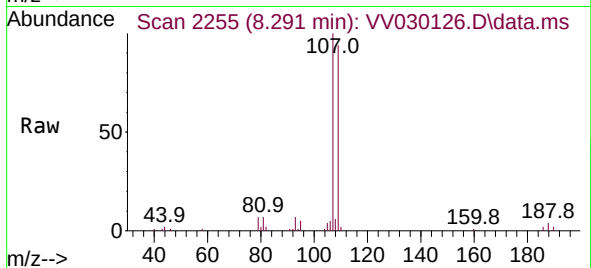
Tgt Ion:107 Resp: 37932

Ion Ratio Lower Upper

107 100

109 93.8 63.3 117.7

188 4.1 3.0 4.6



#51

Chlorobenzene

Concen: 5.224 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV030126.D

Acq: 02 Mar 2023 18:35

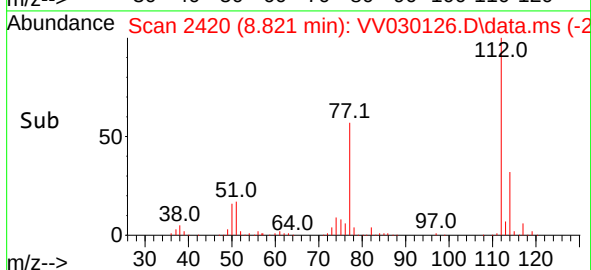
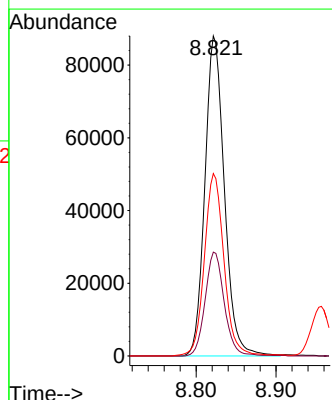
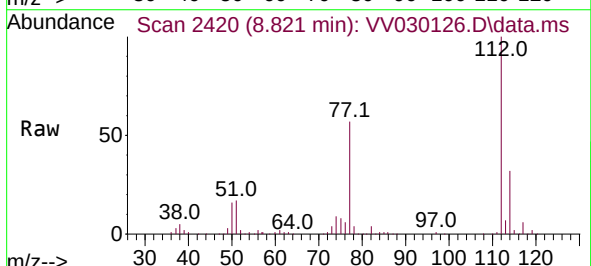
Tgt Ion:112 Resp: 149428

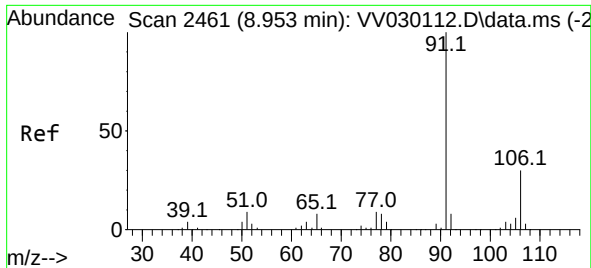
Ion Ratio Lower Upper

112 100

114 32.4 22.5 41.7

77 57.0 45.3 67.9

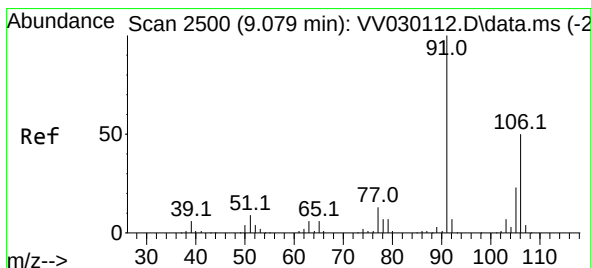
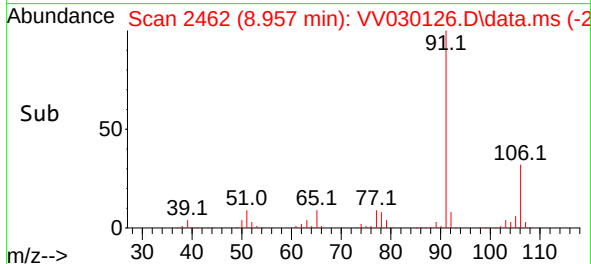
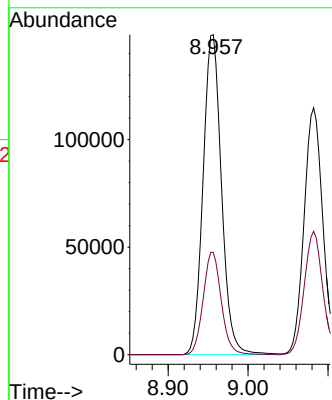
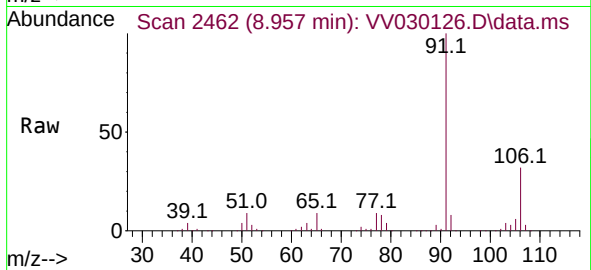




#52
Ethylbenzene
Concen: 5.176 ug/L
RT: 8.957 min Scan# 2461
Delta R.T. 0.003 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

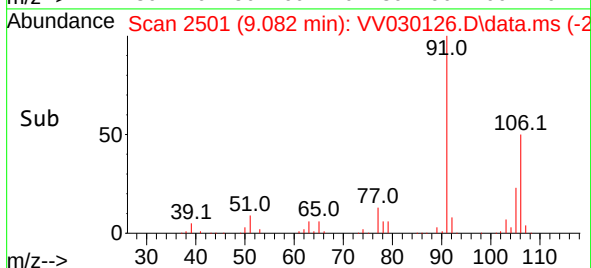
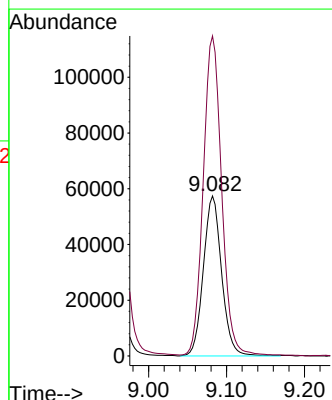
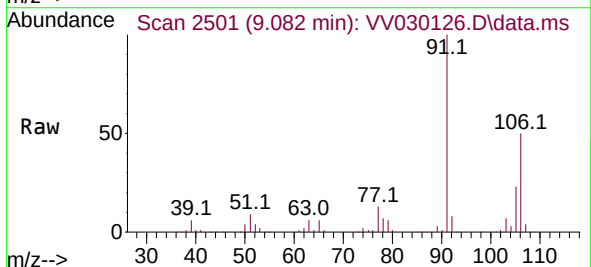
Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

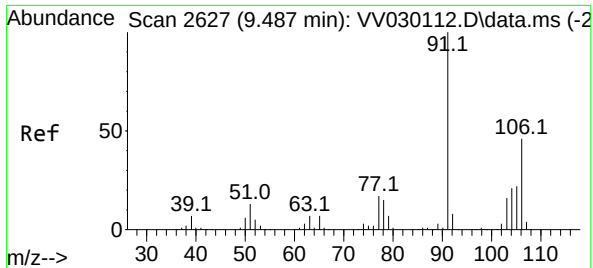
Tgt Ion: 91 Resp: 238899
Ion Ratio Lower Upper
91 100
106 32.0 22.0 40.8



#53
m,p-Xylene
Concen: 5.280 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

Tgt Ion: 106 Resp: 93662
Ion Ratio Lower Upper
106 100
91 200.1 142.5 264.7

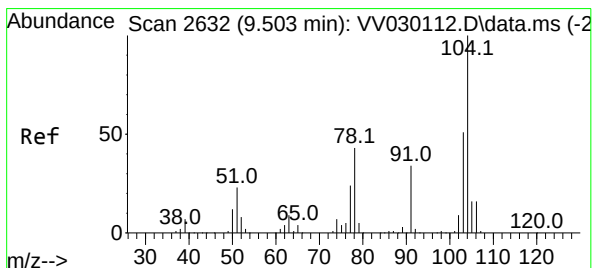
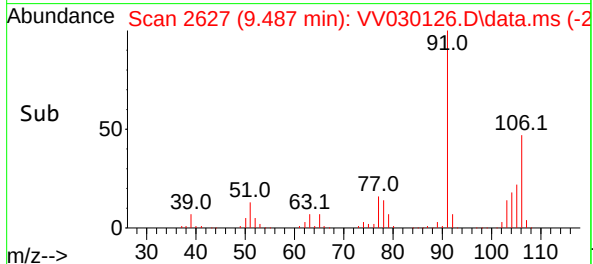
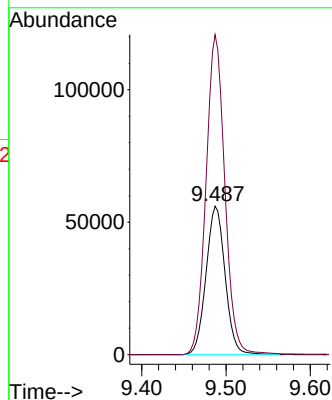
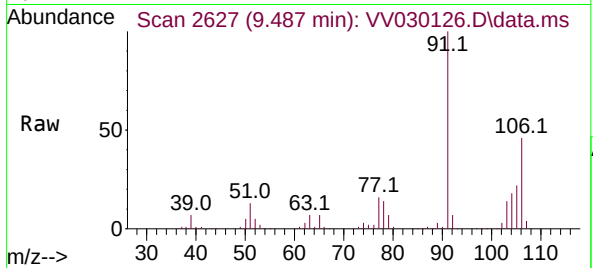




#54
o-Xylene
Concen: 5.219 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

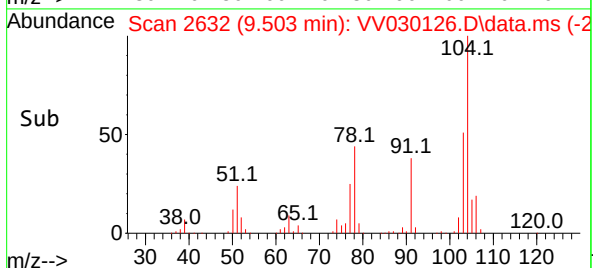
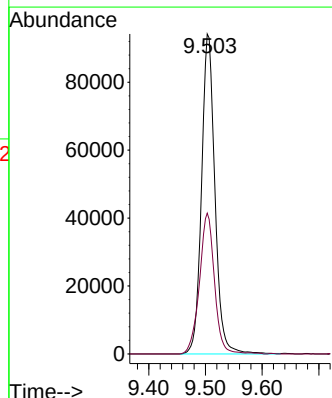
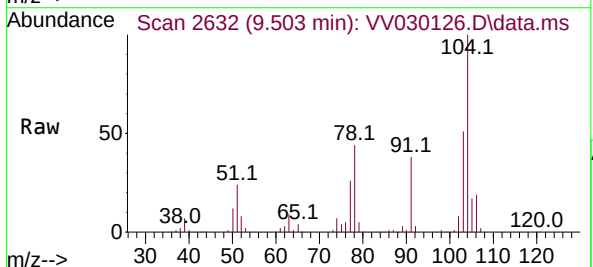
Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

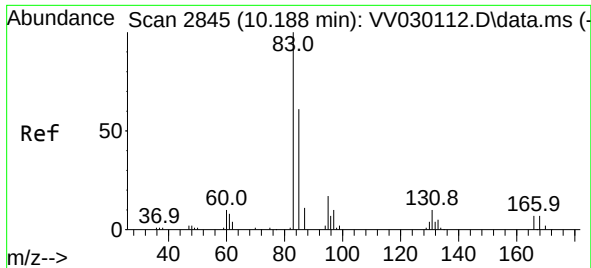
Tgt Ion:106 Resp: 88438
Ion Ratio Lower Upper
106 100
91 215.5 148.8 276.4



#55
Styrene
Concen: 5.490 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

Tgt Ion:104 Resp: 154689
Ion Ratio Lower Upper
104 100
78 44.0 31.1 57.9

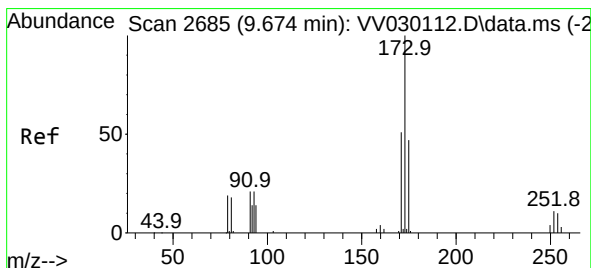
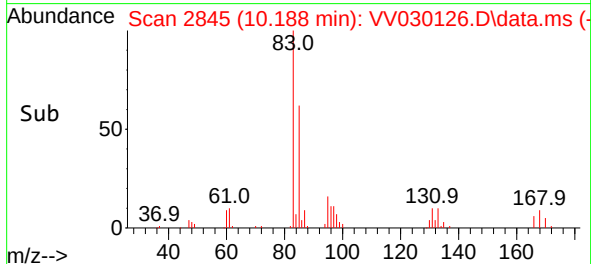
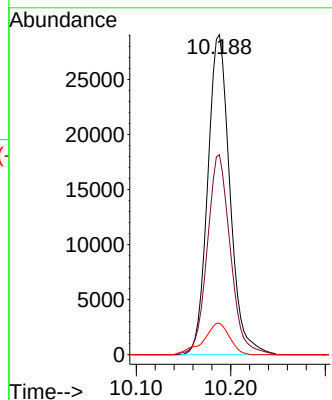
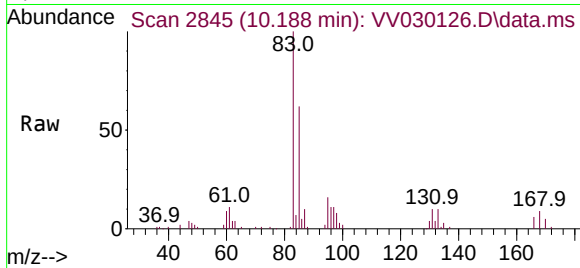




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.930 ug/L
 RT: 10.188 min Scan# 2845
 Delta R.T. -0.000 min
 Lab File: VV030126.D
 Acq: 02 Mar 2023 18:35

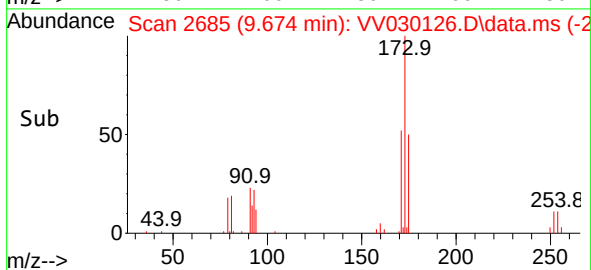
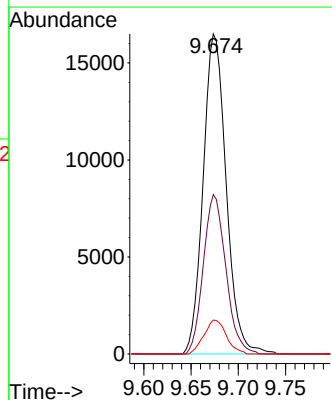
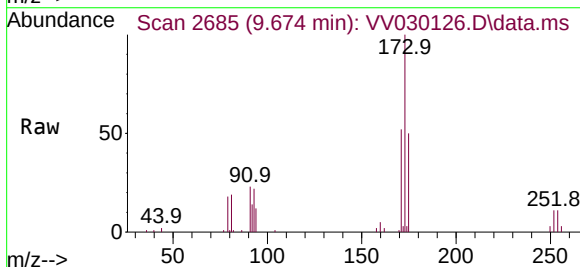
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005291

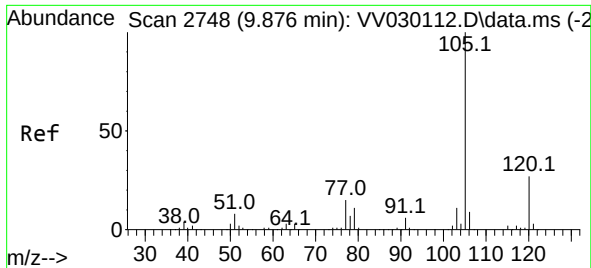
Tgt Ion:	83	Resp:	47283
Ion	Ratio	Lower	Upper
83	100		
85	62.5	45.0	83.6
131	9.8	8.2	12.4



#59
 Bromoform
 Concen: 5.399 ug/L
 RT: 9.674 min Scan# 2685
 Delta R.T. -0.000 min
 Lab File: VV030126.D
 Acq: 02 Mar 2023 18:35

Tgt Ion:	173	Resp:	27985
Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.5	57.7
254	10.3	8.6	13.0

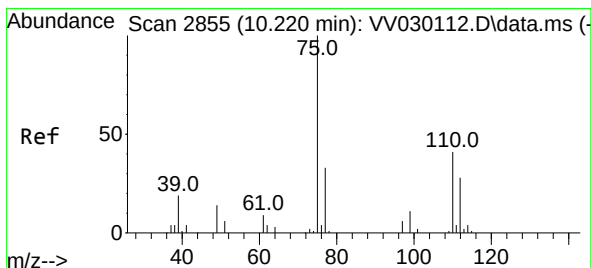
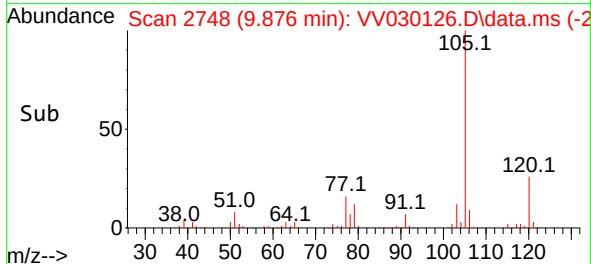
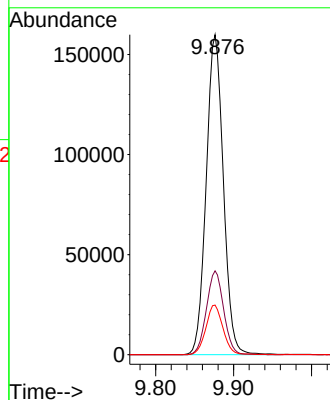
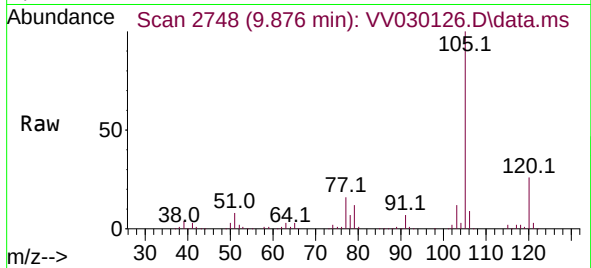




#60
Isopropylbenzene
Concen: 4.910 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

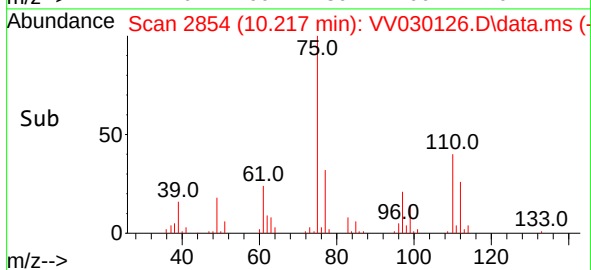
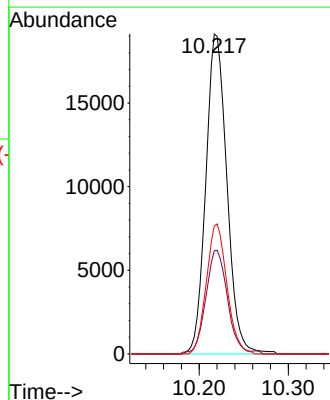
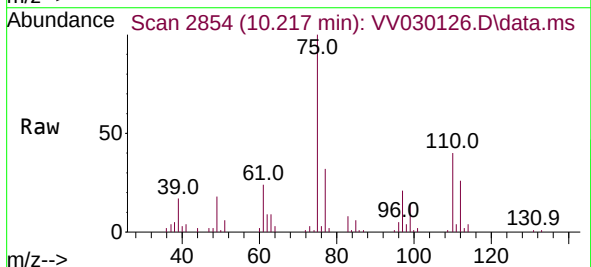
Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

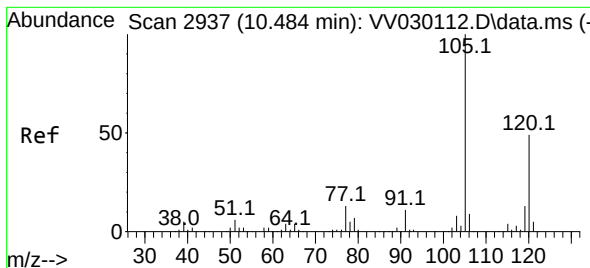
Tgt Ion:105 Resp: 244322
Ion Ratio Lower Upper
105 100
120 26.3 21.4 32.0
77 15.4 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 5.430 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.003 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

Tgt Ion: 75 Resp: 31432
Ion Ratio Lower Upper
75 100
77 33.5 26.5 39.7
110 39.6 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 4.689 ug/L

RT: 10.487 min Scan# 2937

Delta R.T. 0.003 min

Lab File: VV030126.D

Acq: 02 Mar 2023 18:35

Instrument :

MSVOA_V

ClientSampleId :

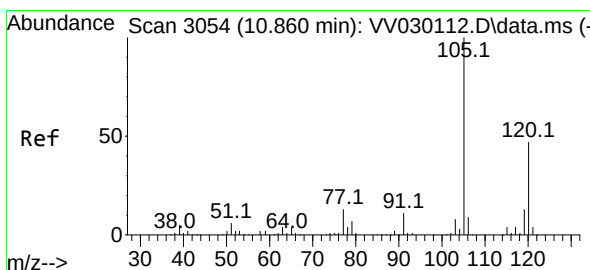
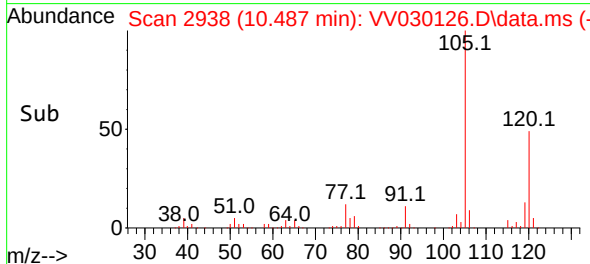
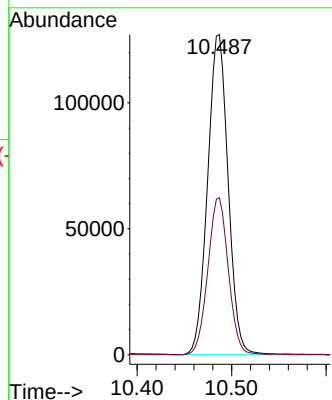
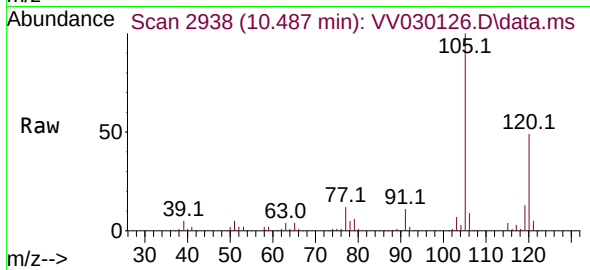
VSTD005291

Tgt Ion:105 Resp: 191654

Ion Ratio Lower Upper

105 100

120 48.9 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.846 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VV030126.D

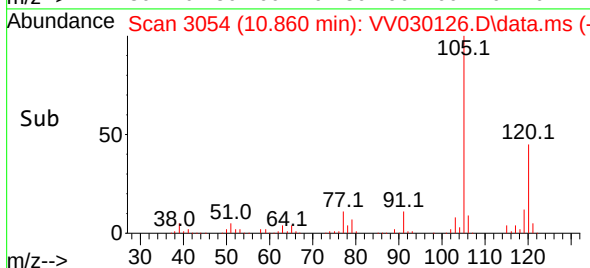
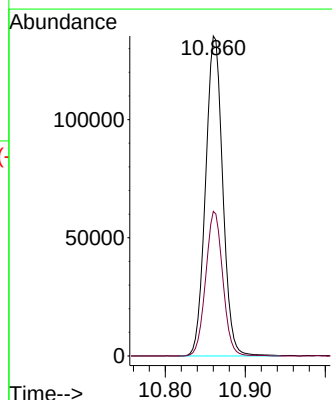
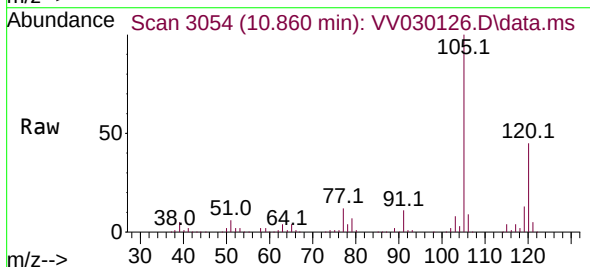
Acq: 02 Mar 2023 18:35

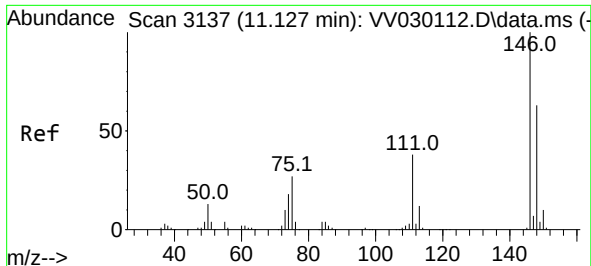
Tgt Ion:105 Resp: 202633

Ion Ratio Lower Upper

105 100

120 44.9 36.2 54.4

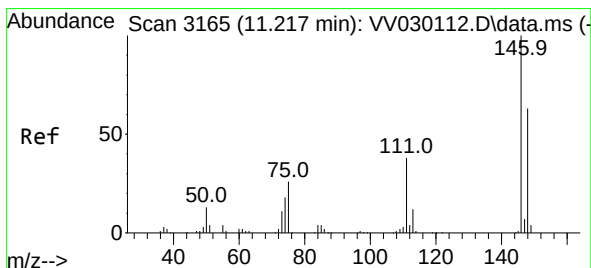
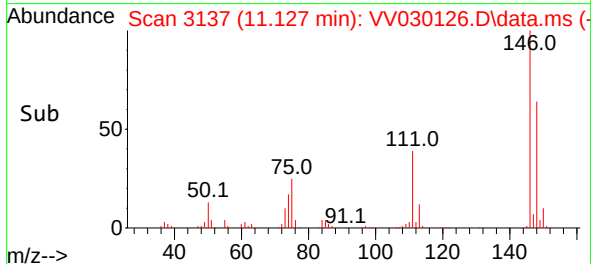
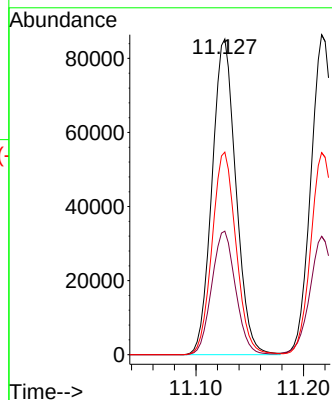
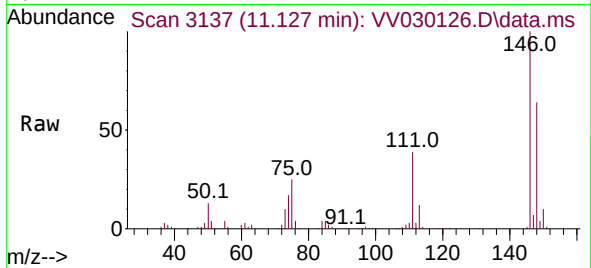




#64
1,3-Dichlorobenzene
Concen: 5.077 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

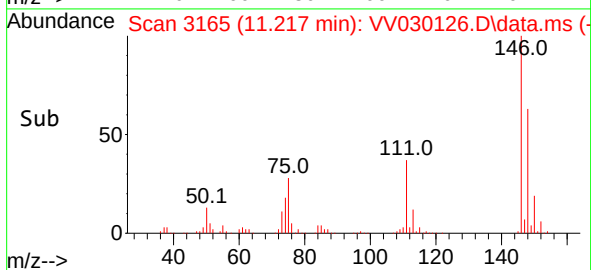
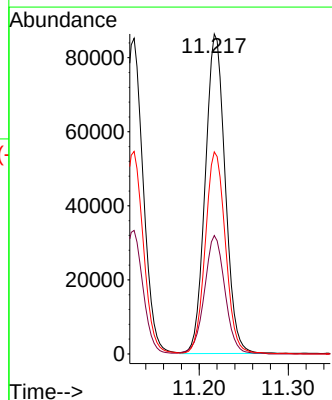
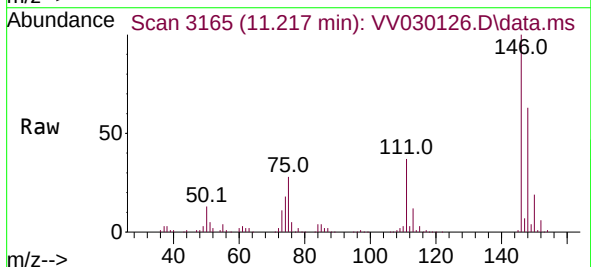
Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

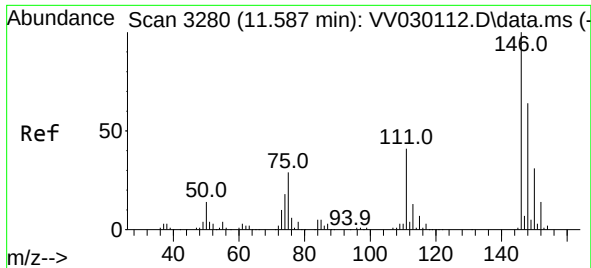
Tgt Ion:146 Resp: 131548
Ion Ratio Lower Upper
146 100
111 39.1 27.7 51.5
148 64.2 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 5.123 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

Tgt Ion:146 Resp: 133923
Ion Ratio Lower Upper
146 100
111 37.0 27.4 51.0
148 63.2 44.1 81.9

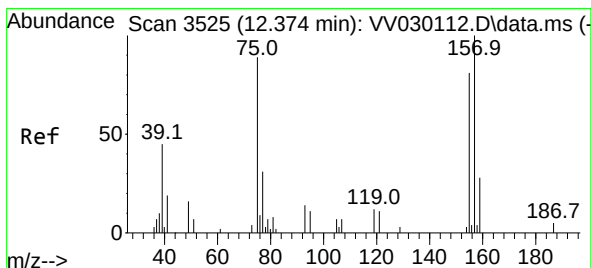
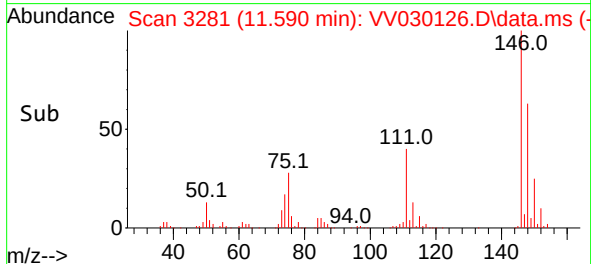
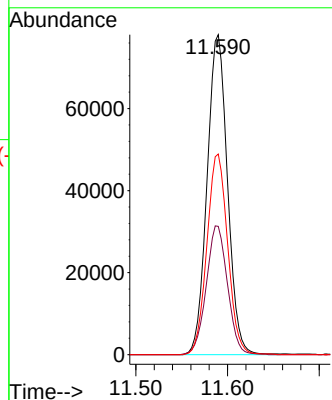
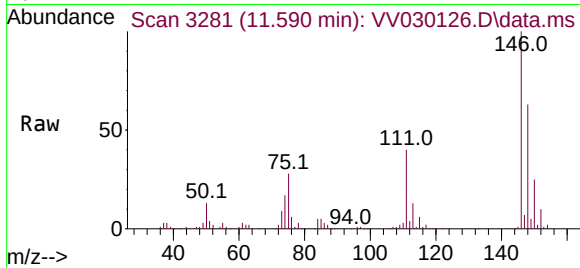




#67
1,2-Dichlorobenzene
Concen: 5.276 ug/L
RT: 11.590 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

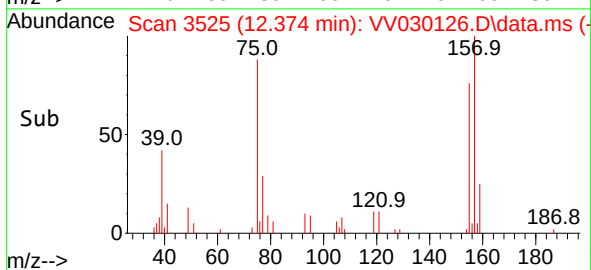
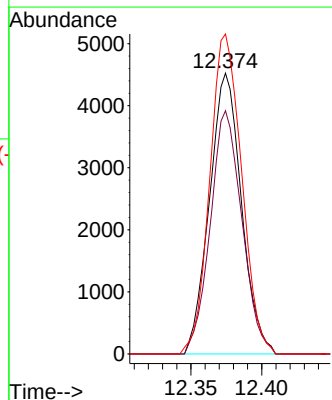
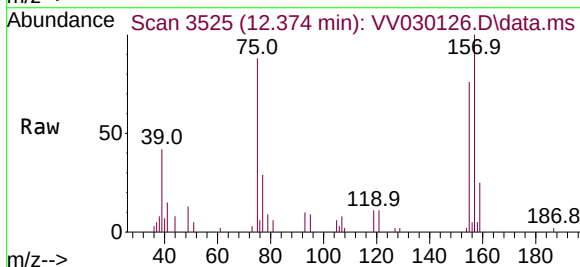
Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

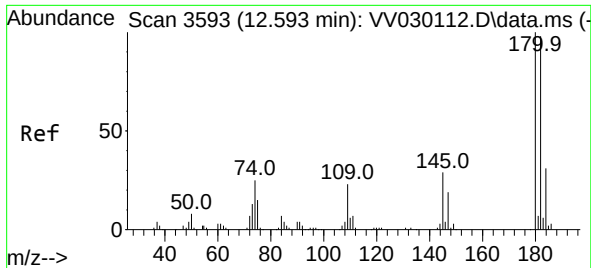
Tgt Ion:146 Resp: 120700
Ion Ratio Lower Upper
146 100
111 40.1 33.5 50.3
148 62.7 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.490 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. -0.000 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

Tgt Ion: 75 Resp: 7097
Ion Ratio Lower Upper
75 100
155 86.6 79.1 118.7
157 113.9 95.5 143.3

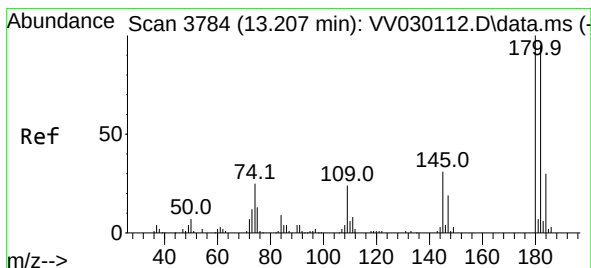
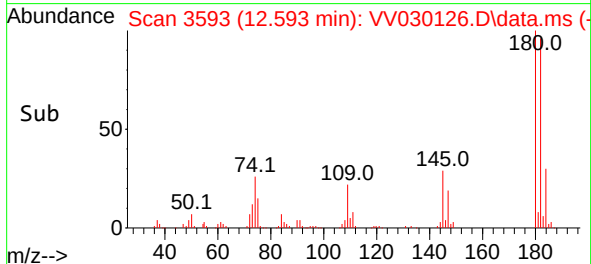
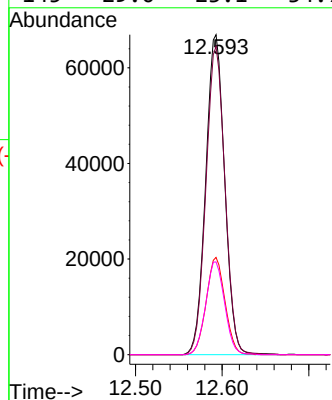
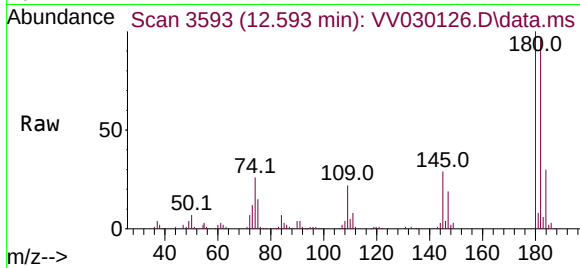




#69
 1,3,5-Trichlorobenzene
 Concen: 4.779 ug/L
 RT: 12.593 min Scan# 3593
 Delta R.T. -0.000 min
 Lab File: VV030126.D
 Acq: 02 Mar 2023 18:35

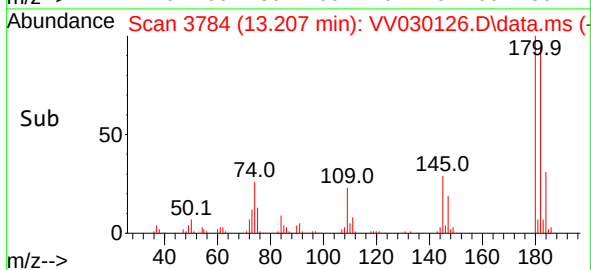
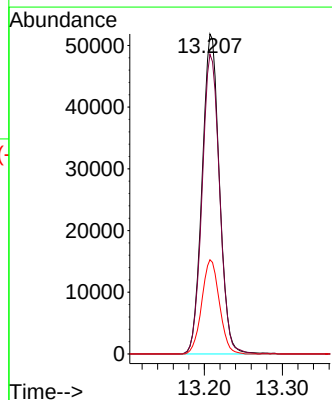
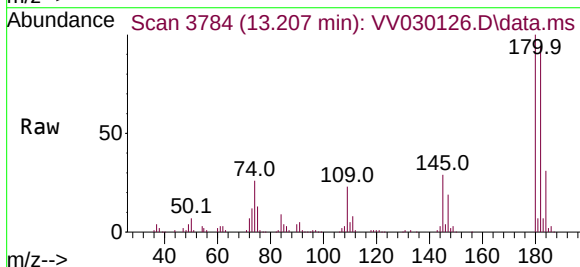
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005291

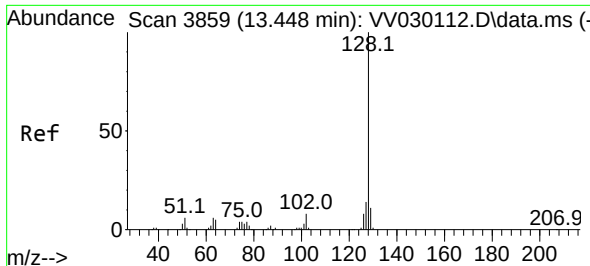
Tgt Ion:180	Resp:	101800
Ion Ratio	Lower	Upper
180	100	
182	96.7	76.5 114.7
184	30.3	24.3 36.5
145	29.0	23.1 34.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.635 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030126.D
 Acq: 02 Mar 2023 18:35

Tgt Ion:180	Resp:	79970
Ion Ratio	Lower	Upper
180	100	
182	94.8	77.3 115.9
145	30.0	23.1 34.7

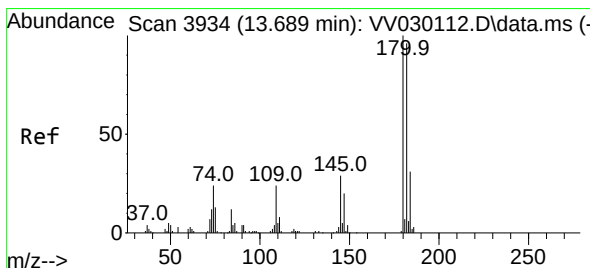
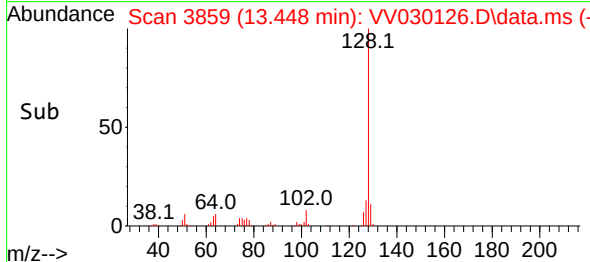
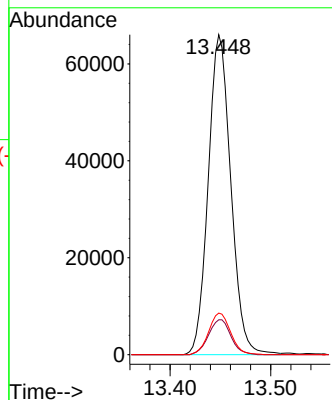
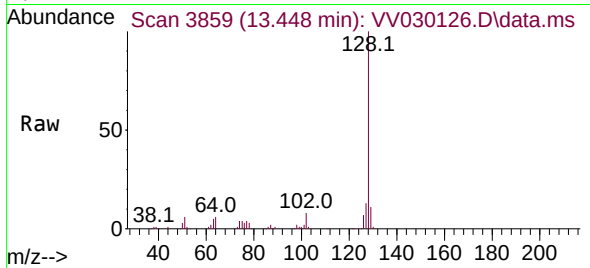




#71
Naphthalene
Concen: 4.568 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

Tgt Ion:128 Resp: 102998
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.6 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.835 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030126.D
Acq: 02 Mar 2023 18:35

Tgt Ion:180 Resp: 68683
Ion Ratio Lower Upper
180 100
182 95.8 76.2 114.2
145 31.5 25.1 37.7

