

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110122\
 Data File : VV028828.D
 Acq On : 01 Nov 2022 20:28
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050367

Quant Time: Nov 02 05:15:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 02 05:10:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	386319	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	364153	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	182578	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	164547	44.931	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.860%
7) Chloroethane-d5	1.561	69	141992	45.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.720%
11) 1,1-Dichloroethene-d2	2.108	63	324757	46.618	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.240%
21) 2-Butanone-d5	3.870	46	264587	99.250	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.250%
24) Chloroform-d	4.342	84	260186	47.106	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.220%
26) 1,2-Dichloroethane-d4	5.027	65	175338	47.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.000%
32) Benzene-d6	5.047	84	523246	46.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.060%
36) 1,2-Dichloropropane-d6	6.066	67	177761	45.547	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.100%
41) Toluene-d8	7.310	98	455720	45.600	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.616	79	65213	43.505	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.020%
47) 2-Hexanone-d5	8.082	63	167552	94.999	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.000%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	243736	47.360	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.720%
66) 1,2-Dichlorobenzene-d4	11.615	152	161638	44.851	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	141098	49.663	ug/L	99
3) Chloromethane	1.240	50	249490	52.764	ug/L	100
5) Vinyl chloride	1.310	62	224776	51.752	ug/L	98
6) Bromomethane	1.516	94	126686	52.864	ug/L	94
8) Chloroethane	1.580	64	145643	52.220	ug/L	100
9) Trichlorofluoromethane	1.748	101	265218	51.348	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	146092	49.921	ug/L	100
12) 1,1-Dichloroethene	2.114	96	143238	49.712	ug/L	96
13) Acetone	2.159	43	233237	90.362	ug/L	100
14) Carbon disulfide	2.291	76	381097	47.417	ug/L	100
15) Methyl Acetate	2.423	43	228093	52.652	ug/L	99
16) Methylene chloride	2.503	84	162872	46.588	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	141270	50.688	ug/L	93
18) Methyl tert-butyl Ether	2.764	73	488428	50.731	ug/L	99
19) 1,1-Dichloroethane	3.185	63	311239	51.252	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	159903	51.999	ug/L #	98
22) 2-Butanone	3.953	43	312226	98.465	ug/L	98
23) Bromochloromethane	4.240	128	75692	51.714	ug/L	94
25) Chloroform	4.368	83	287845	51.026	ug/L	100

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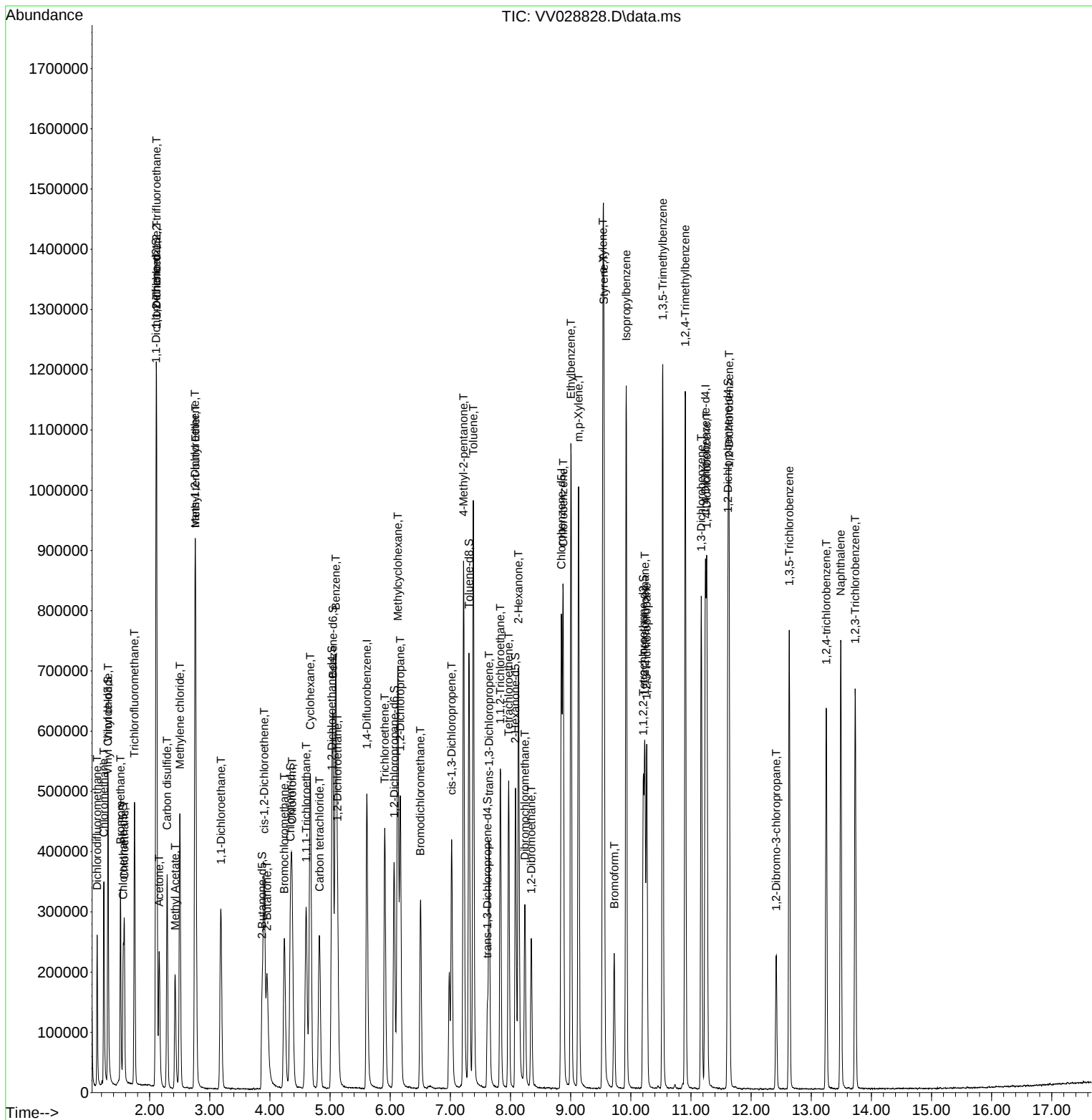
Instrument :
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 ClientSampleId :
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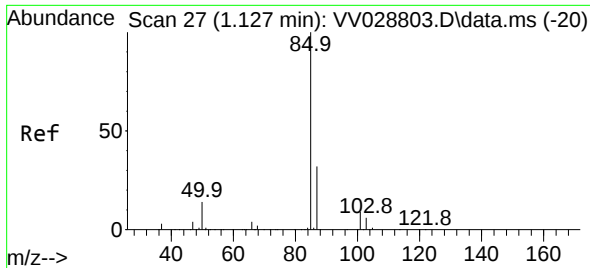
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 02 05:10:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	242860	52.717	ug/L	99
29) Cyclohexane	4.670	56	289081	49.751	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	228711	49.827	ug/L	98
31) Carbon tetrachloride	4.825	117	180458	49.206	ug/L	98
33) Benzene	5.095	78	656940	51.243	ug/L	100
34) Trichloroethene	5.908	95	151975	50.691	ug/L	96
35) Methylcyclohexane	6.127	83	262958	49.452	ug/L	99
37) 1,2-Dichloropropane	6.169	63	186216	52.498	ug/L	100
38) Bromodichloromethane	6.503	83	204519	50.752	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	237519	49.032	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	616151	104.448	ug/L	99
42) Toluene	7.381	91	664550	50.839	ug/L	97
44) trans-1,3-Dichloropropene	7.645	75	218397	48.754	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	154293	50.703	ug/L	98
46) Tetrachloroethene	7.969	164	101902	49.042	ug/L	99
48) 2-Hexanone	8.133	43	472922	105.261	ug/L	98
49) Dibromochloromethane	8.239	129	142073	50.435	ug/L	99
50) 1,2-Dibromoethane	8.345	107	155716	50.785	ug/L	99
51) Chlorobenzene	8.876	112	398501	49.787	ug/L	99
52) Ethylbenzene	9.005	91	721040	51.276	ug/L	100
53) m,p-Xylene	9.133	106	259599	50.617	ug/L	97
54) o-Xylene	9.535	106	261850	51.139	ug/L	98
55) Styrene	9.554	104	462544	52.677	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	277161	51.604	ug/L	99
59) Bromoform	9.725	173	87890	48.495	ug/L	98
60) Isopropylbenzene	9.924	105	694217	50.041	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	220229	50.764	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	592768	51.181	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	585701	50.833	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	292181	49.925	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	293751	49.262	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	298969	50.217	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.419	75	52340	47.356	ug/L	97
69) 1,3,5-Trichlorobenzene	12.635	180	199082	47.438	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	171462	47.743	ug/L	98
71) Naphthalene	13.490	128	536416	45.874	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	178453	49.092	ug/L	99

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

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QLast Update : Wed Nov 02 05:10:28 2022
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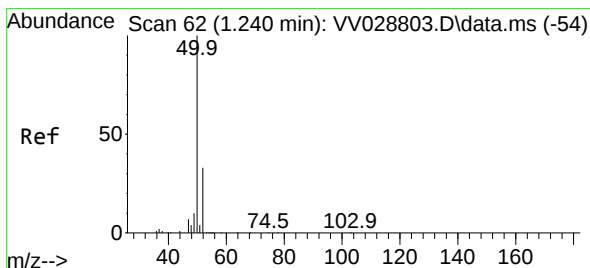
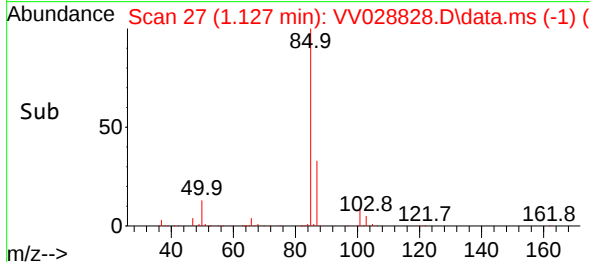
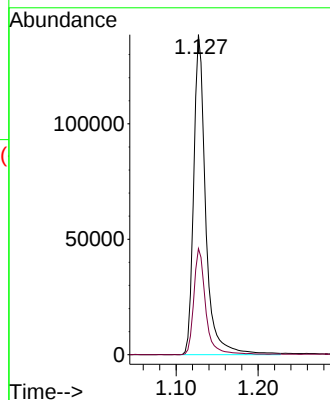
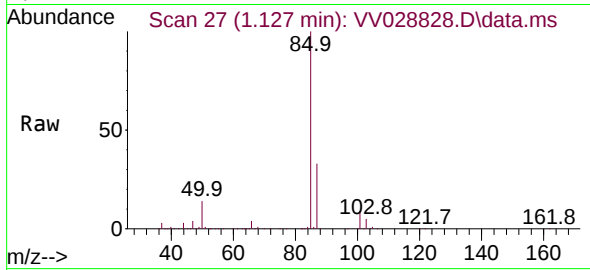




#2
 Dichlorodifluoromethane
 Concen: 49.663 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV028828.D
 Acq: 01 Nov 2022 20:28

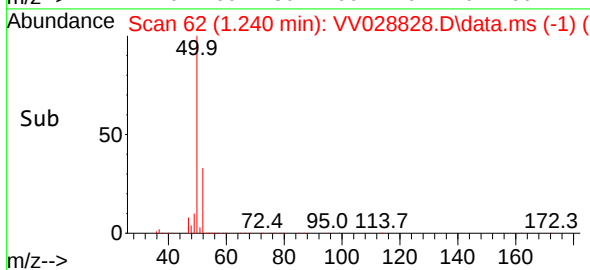
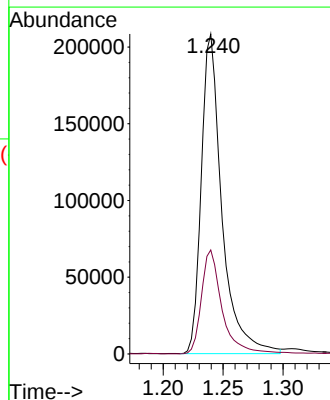
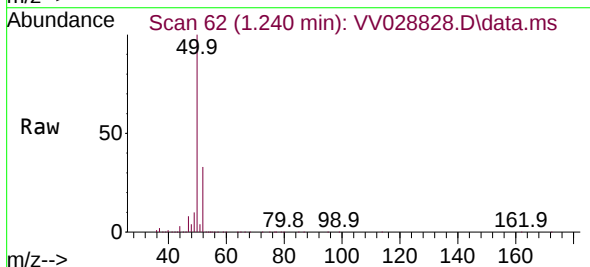
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050367

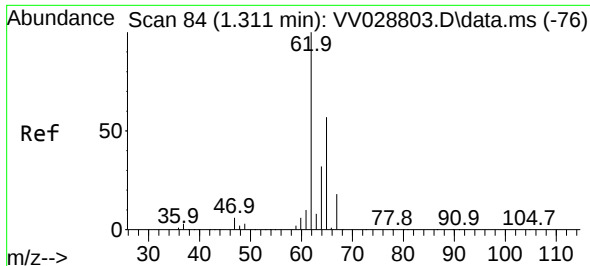
Tgt Ion: 85 Resp: 141098
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.4 38.0



#3
 Chloromethane
 Concen: 52.764 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV028828.D
 Acq: 01 Nov 2022 20:28

Tgt Ion: 50 Resp: 249490
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.7 42.1

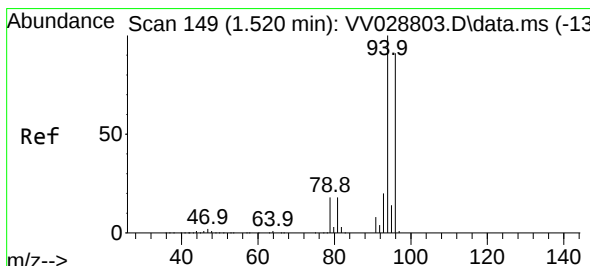
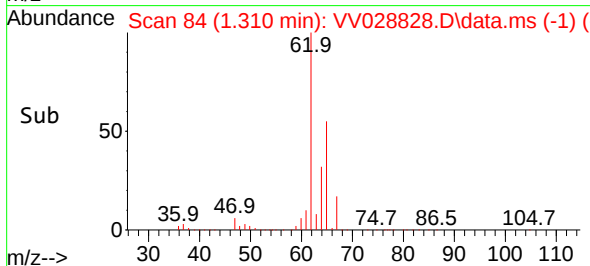
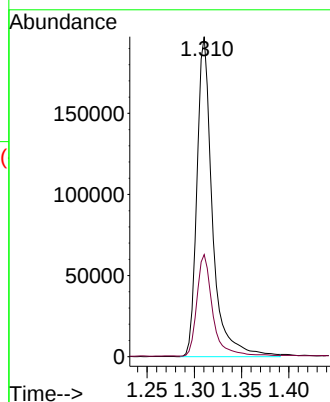
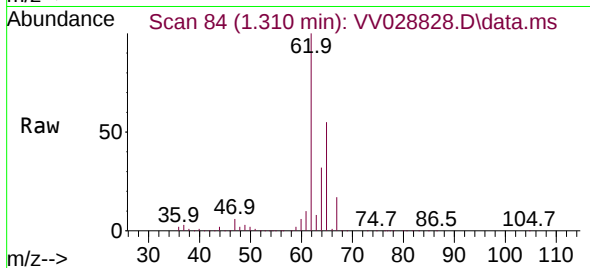




#5
 Vinyl chloride
 Concen: 51.752 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV028828.D
 Acq: 01 Nov 2022 20:28

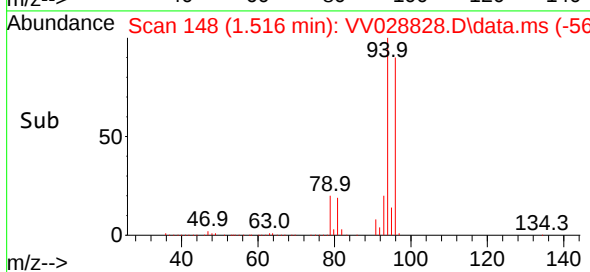
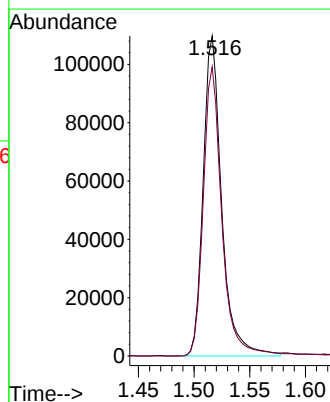
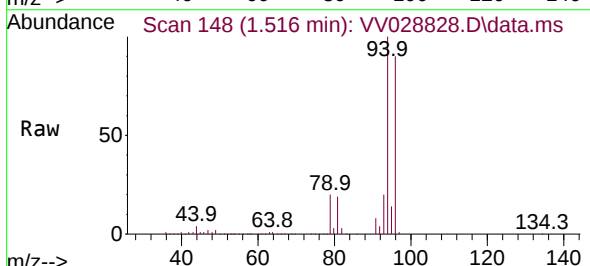
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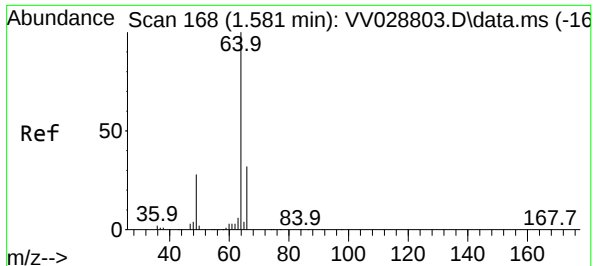
Tgt Ion: 62 Resp: 224776
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.2 43.0



#6
 Bromomethane
 Concen: 52.864 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV028828.D
 Acq: 01 Nov 2022 20:28

Tgt Ion: 94 Resp: 126686
 Ion Ratio Lower Upper
 94 100
 96 90.3 67.6 125.6

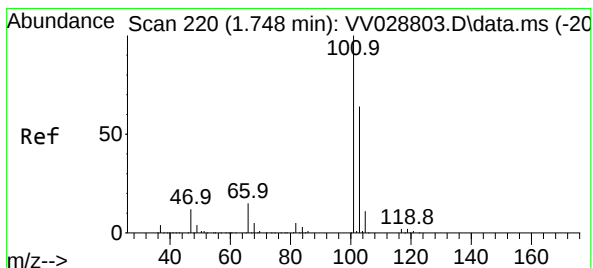
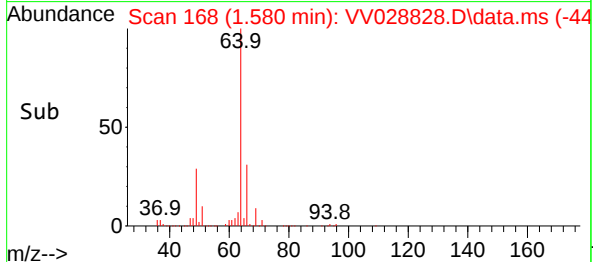
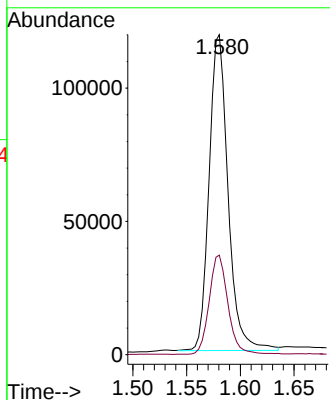
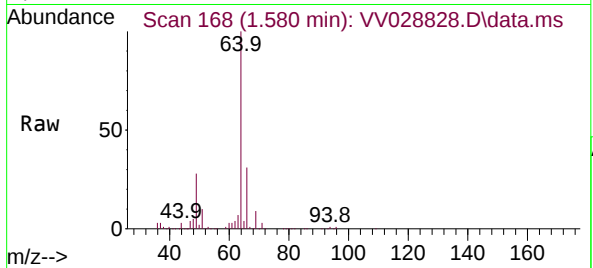




#8
Chloroethane
Concen: 52.220 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

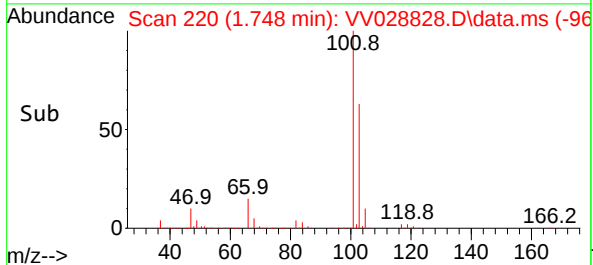
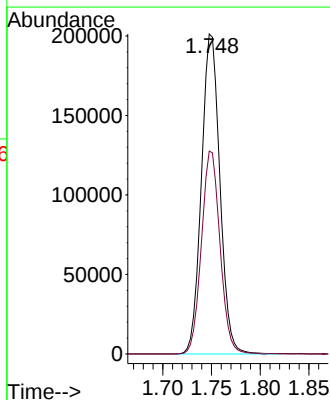
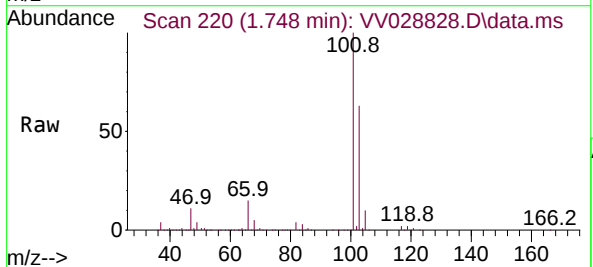
Instrument :
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ClientSampleId :
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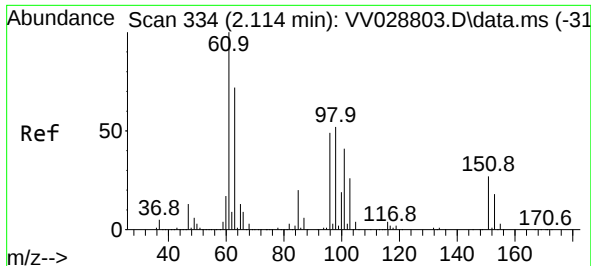
Tgt Ion: 64 Resp: 145643
Ion Ratio Lower Upper
64 100
66 31.1 21.7 40.3



#9
Trichlorofluoromethane
Concen: 51.348 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

Tgt Ion:101 Resp: 265218
Ion Ratio Lower Upper
101 100
103 63.7 51.6 77.4

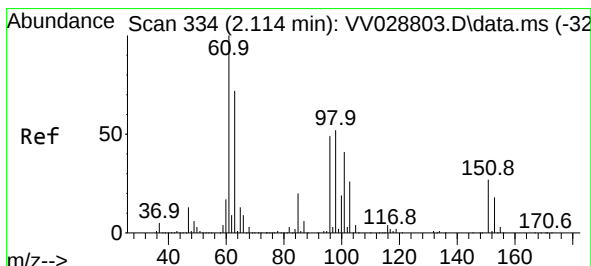
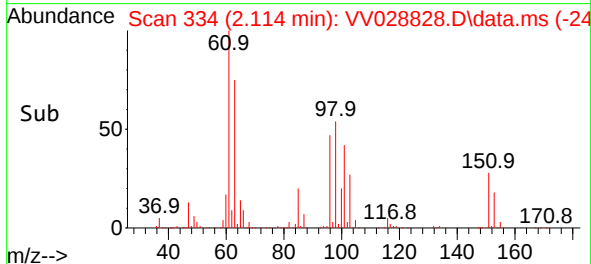
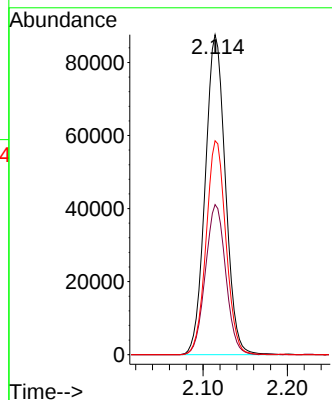
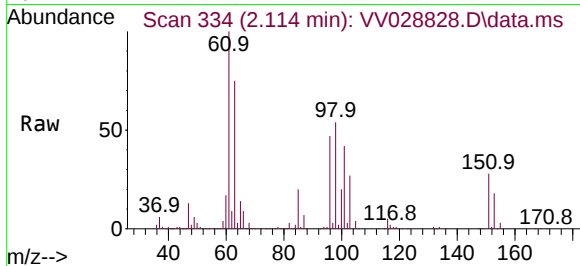




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.921 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV028828.D
 Acq: 01 Nov 2022 20:28

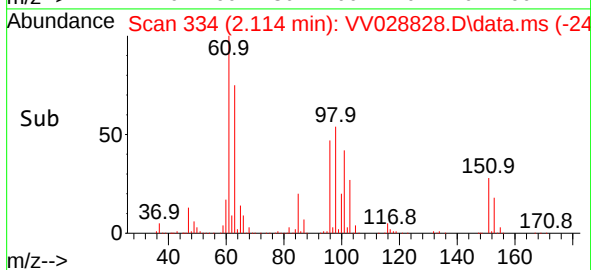
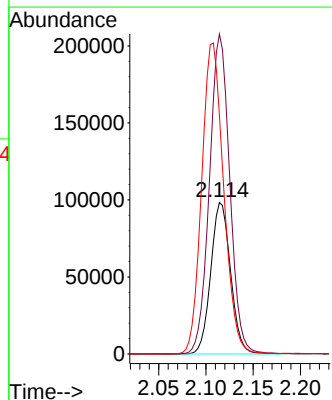
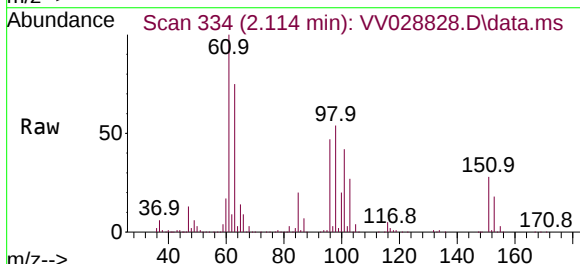
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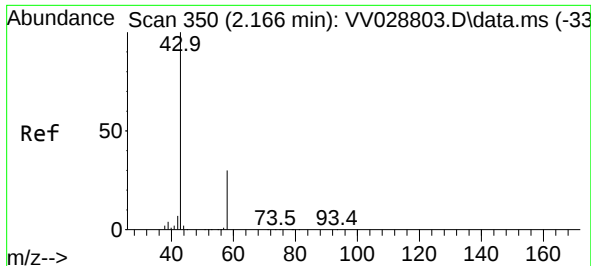
Tgt Ion:101 Resp: 146092
 Ion Ratio Lower Upper
 101 100
 85 47.3 38.0 57.0
 151 65.5 52.7 79.1



#12
 1,1-Dichloroethene
 Concen: 49.712 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV028828.D
 Acq: 01 Nov 2022 20:28

Tgt Ion: 96 Resp: 143238
 Ion Ratio Lower Upper
 96 100
 61 211.1 142.7 265.1
 63 157.7 112.5 208.9





#13

Acetone

Concen: 90.362 ug/L

RT: 2.159 min Scan# 34

Delta R.T. -0.007 min

Lab File: VV028828.D

Acq: 01 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

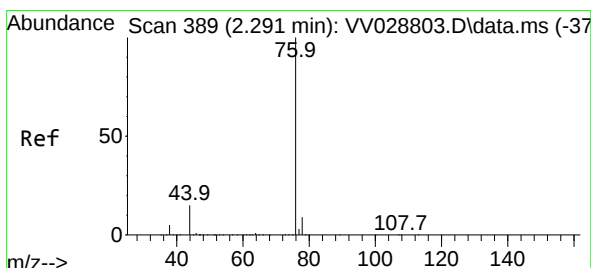
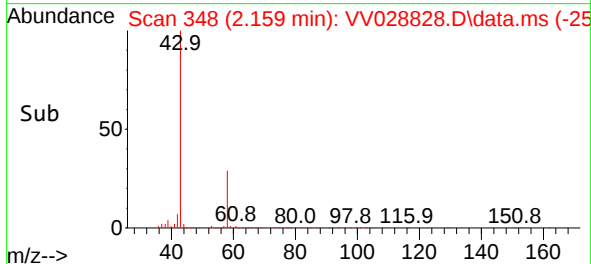
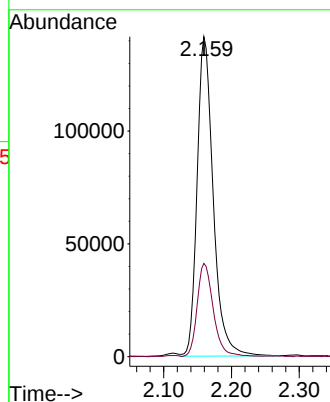
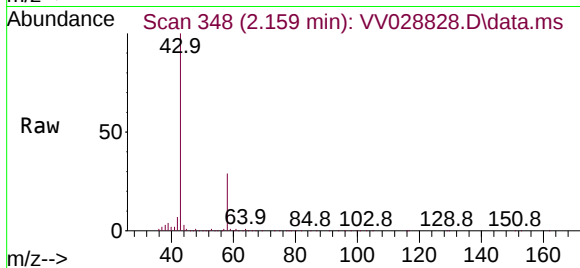
VSTD050367

Tgt Ion: 43 Resp: 233237

Ion Ratio Lower Upper

43 100

58 29.5 0.0 59.0



#14

Carbon disulfide

Concen: 47.417 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV028828.D

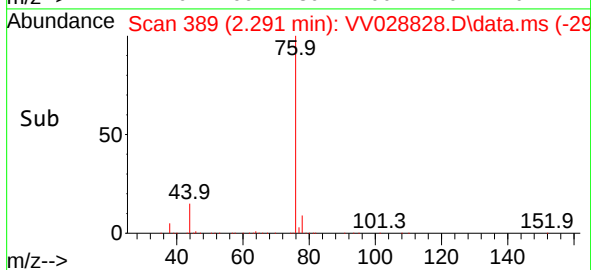
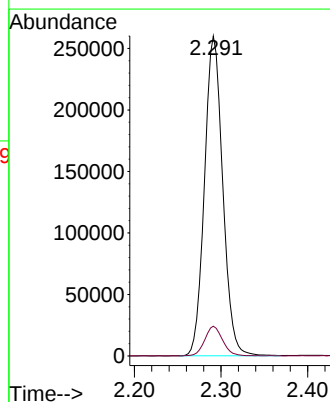
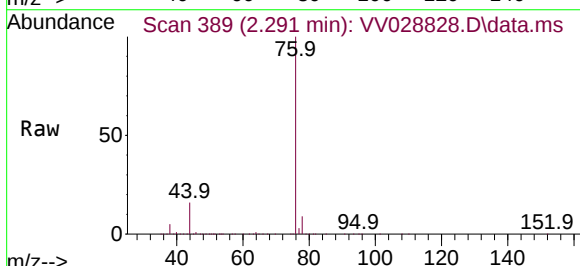
Acq: 01 Nov 2022 20:28

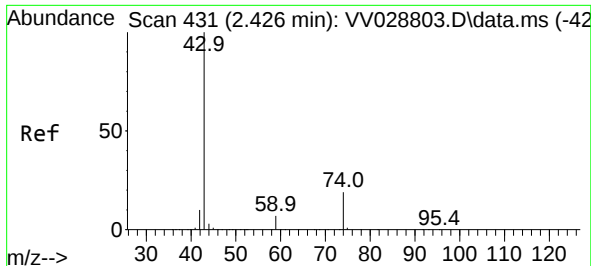
Tgt Ion: 76 Resp: 381097

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

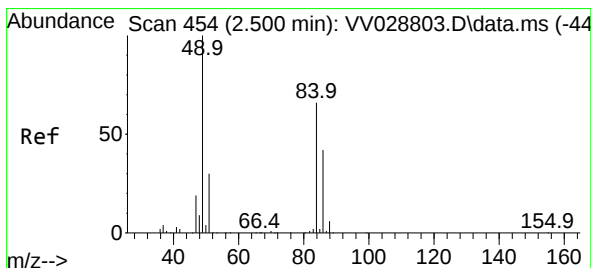
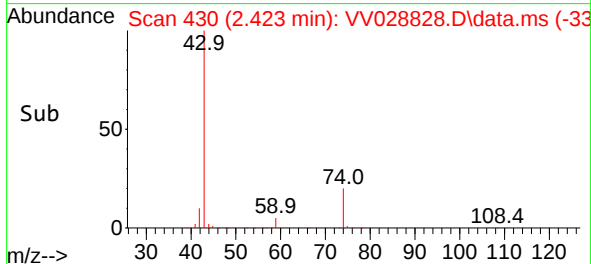
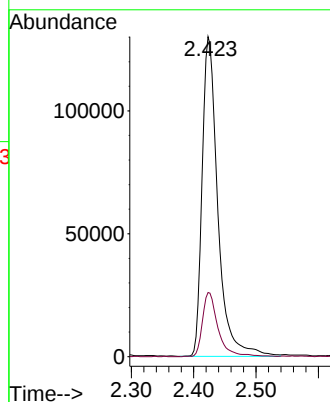
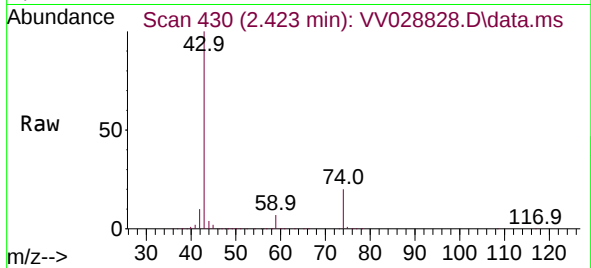




#15
Methyl Acetate
Concen: 52.652 ug/L
RT: 2.423 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

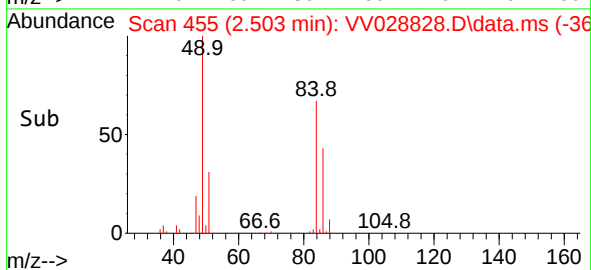
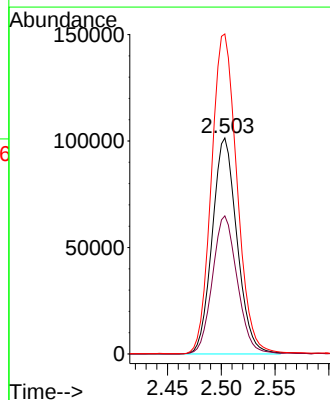
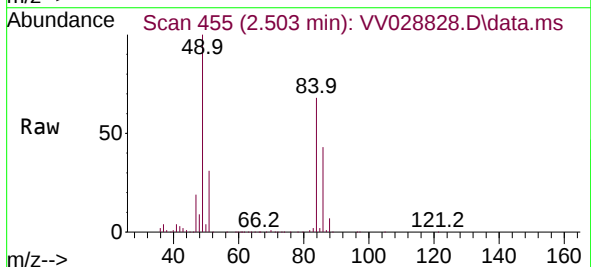
Instrument :
MSVOA_V
ClientSampleId :
VSTD050367

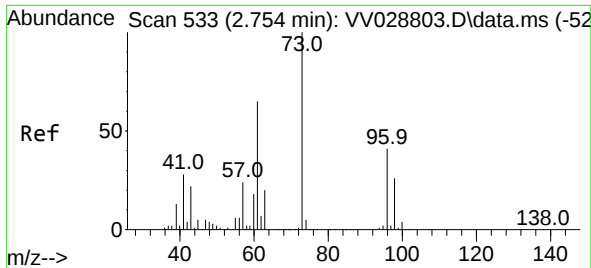
Tgt Ion: 43 Resp: 228093
Ion Ratio Lower Upper
43 100
74 19.1 15.6 23.4



#16
Methylene chloride
Concen: 46.588 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

Tgt Ion: 84 Resp: 162872
Ion Ratio Lower Upper
84 100
86 64.0 43.7 81.1
49 148.1 105.3 195.5

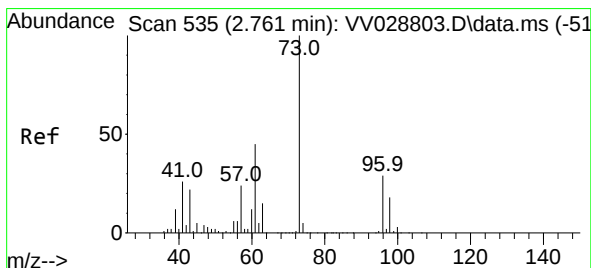
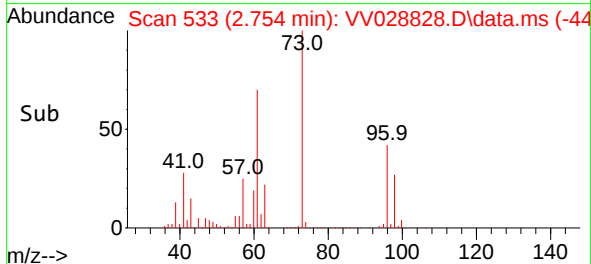
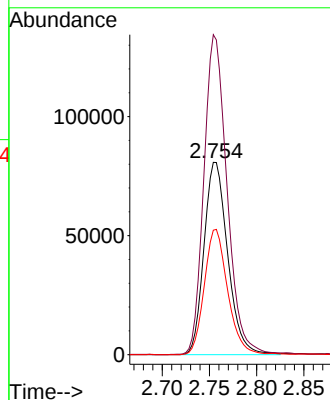
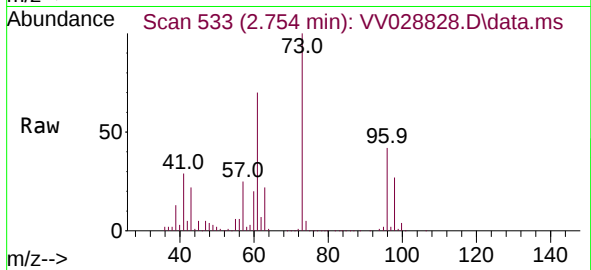




#17
trans-1,2-Dichloroethene
Concen: 50.688 ug/L
RT: 2.754 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

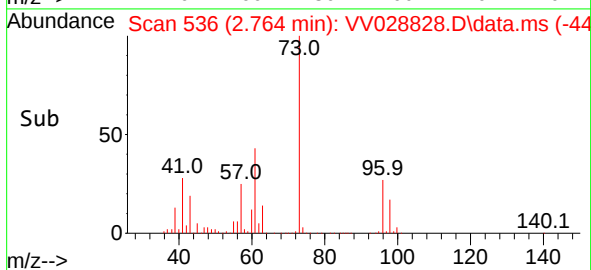
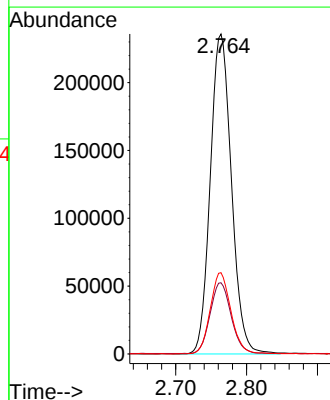
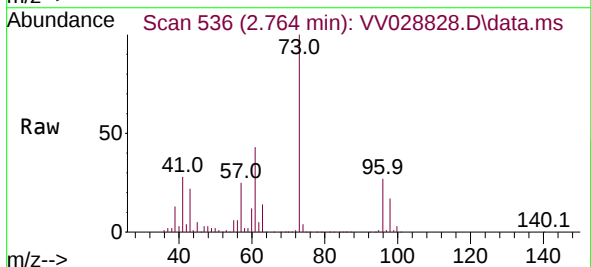
Instrument :
MSVOA_V
ClientSampleId :
VSTD050367

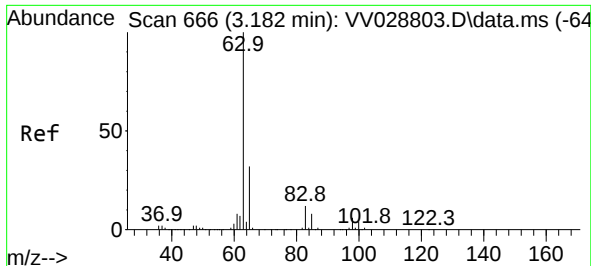
Tgt Ion: 96 Resp: 141270
Ion Ratio Lower Upper
96 100
61 166.4 109.4 203.2
98 64.7 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 50.731 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

Tgt Ion: 73 Resp: 488428
Ion Ratio Lower Upper
73 100
43 22.0 17.1 25.7
57 24.6 19.3 28.9





#19

1,1-Dichloroethane

Concen: 51.252 ug/L

RT: 3.185 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV028828.D

Acq: 01 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD050367

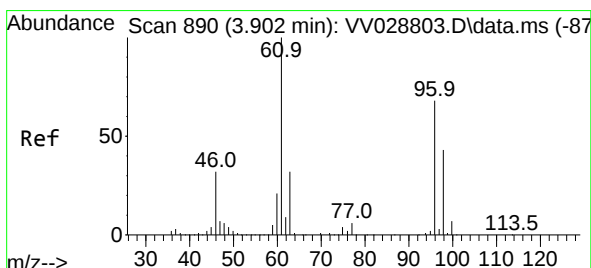
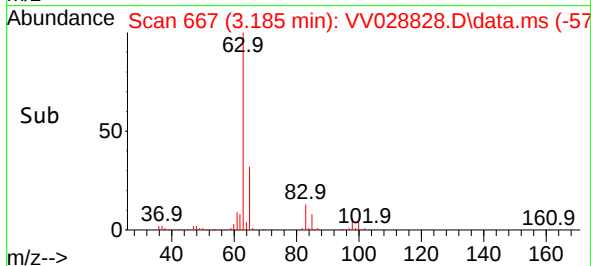
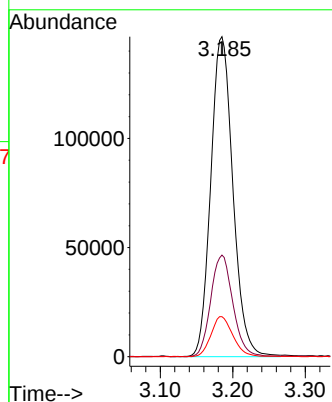
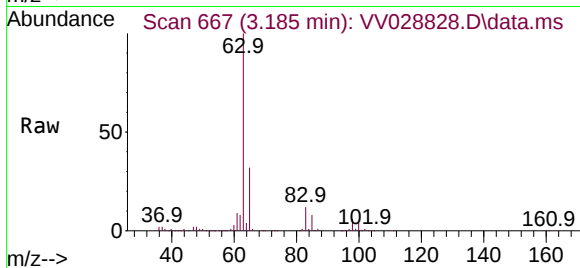
Tgt Ion: 63 Resp: 311239

Ion Ratio Lower Upper

63 100

65 31.8 22.5 41.9

83 12.5 8.5 15.9



#20

cis-1,2-Dichloroethene

Concen: 51.999 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV028828.D

Acq: 01 Nov 2022 20:28

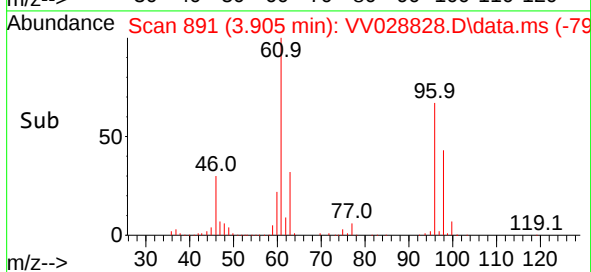
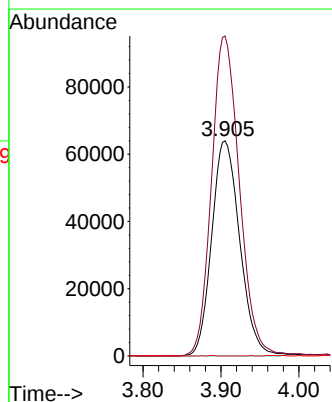
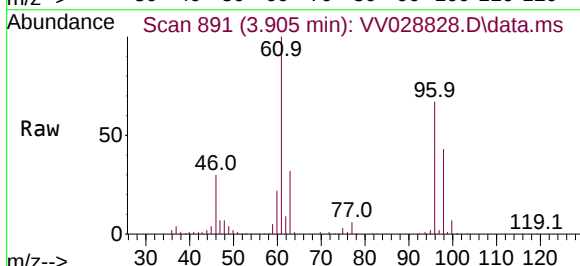
Tgt Ion: 96 Resp: 159903

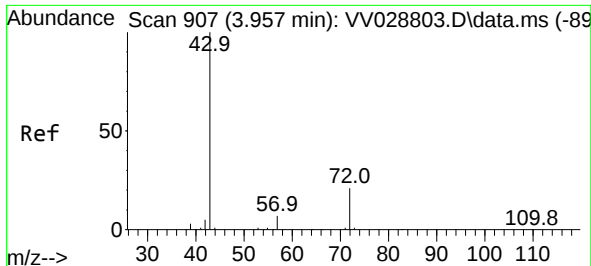
Ion Ratio Lower Upper

96 100

61 148.7 102.3 190.1

68 0.0 0.1 0.3

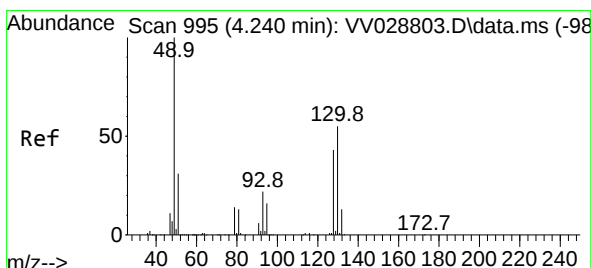
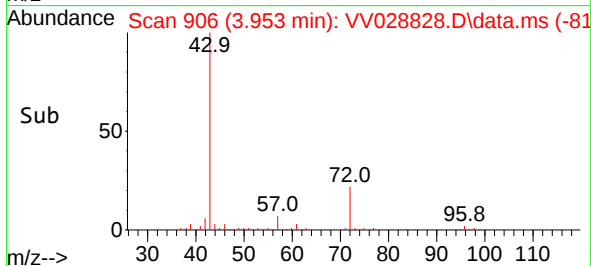
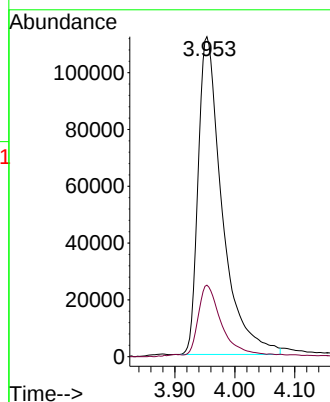
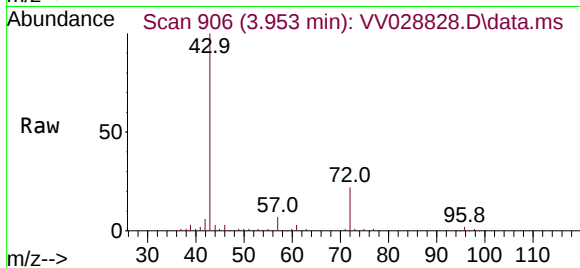




#22
2-Butanone
Concen: 98.465 ug/L
RT: 3.953 min Scan# 906
Delta R.T. -0.003 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

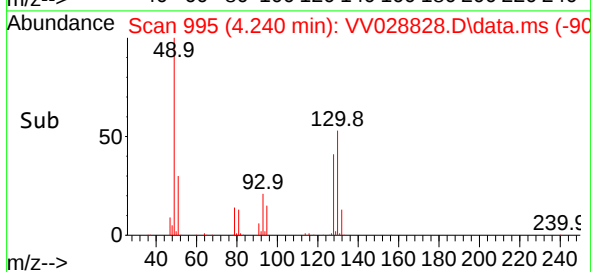
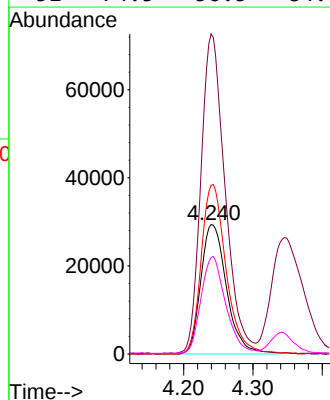
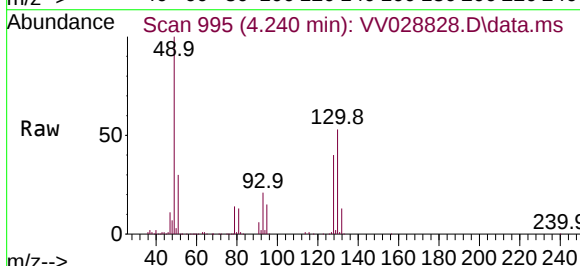
Instrument :
MSVOA_V
ClientSampleId :
VSTD050367

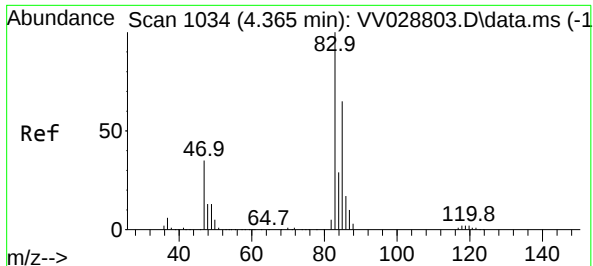
Tgt Ion: 43 Resp: 312226
Ion Ratio Lower Upper
43 100
72 21.0 10.0 30.0



#23
Bromochloromethane
Concen: 51.714 ug/L
RT: 4.240 min Scan# 995
Delta R.T. -0.000 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

Tgt Ion:128 Resp: 75692
Ion Ratio Lower Upper
128 100
49 247.2 161.8 300.6
130 130.3 89.9 166.9
51 74.5 56.5 84.7





#25

Chloroform

Concen: 51.026 ug/L

RT: 4.368 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028828.D

Acq: 01 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

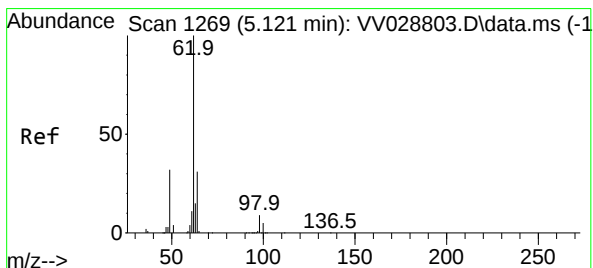
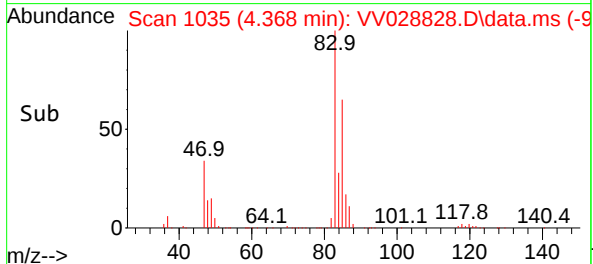
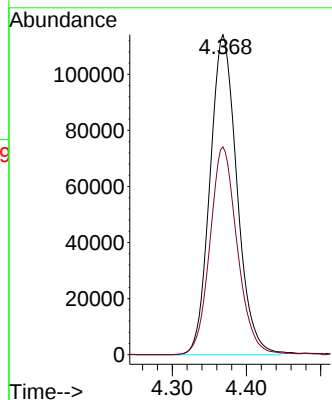
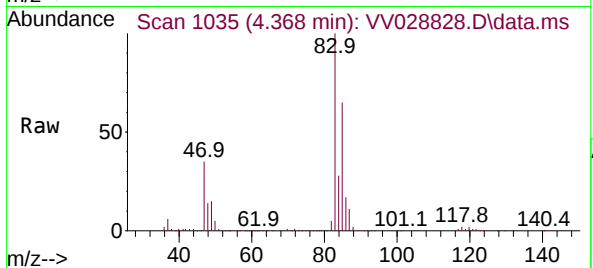
VSTD050367

Tgt Ion: 83 Resp: 287845

Ion Ratio Lower Upper

83 100

85 64.9 45.3 84.1



#27

1,2-Dichloroethane

Concen: 52.717 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.003 min

Lab File: VV028828.D

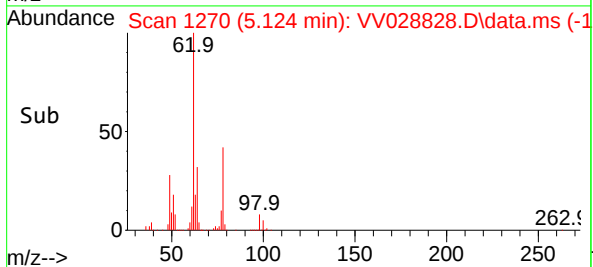
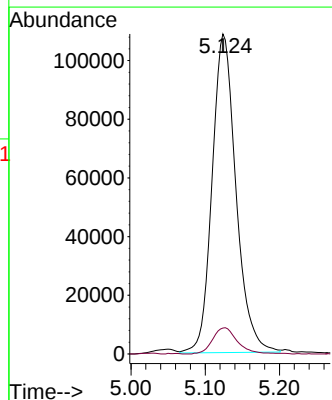
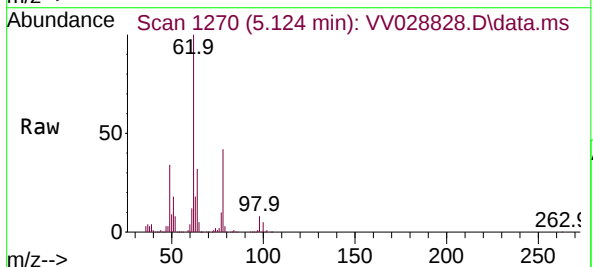
Acq: 01 Nov 2022 20:28

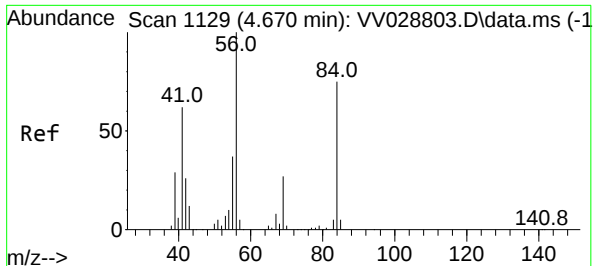
Tgt Ion: 62 Resp: 242860

Ion Ratio Lower Upper

62 100

98 8.1 6.9 10.3





#29

Cyclohexane

Concen: 49.751 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV028828.D

Acq: 01 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD050367

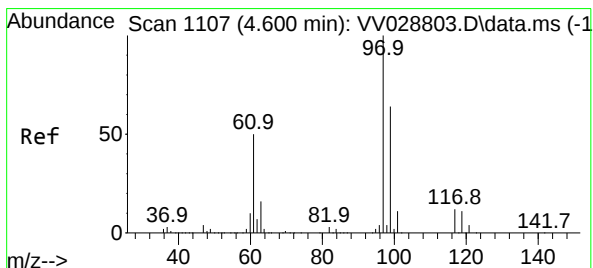
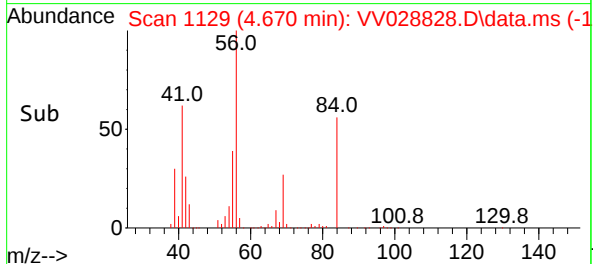
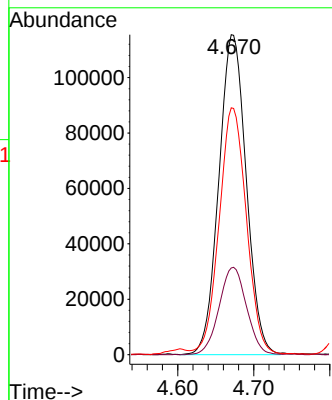
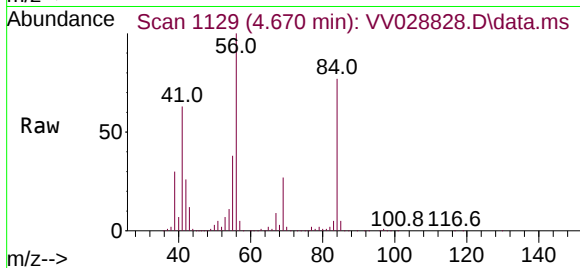
Tgt Ion: 56 Resp: 289081

Ion Ratio Lower Upper

56 100

69 27.3 22.2 33.2

84 76.6 62.3 93.5



#30

1,1,1-Trichloroethane

Concen: 49.827 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV028828.D

Acq: 01 Nov 2022 20:28

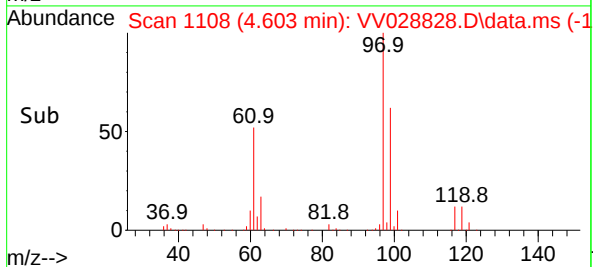
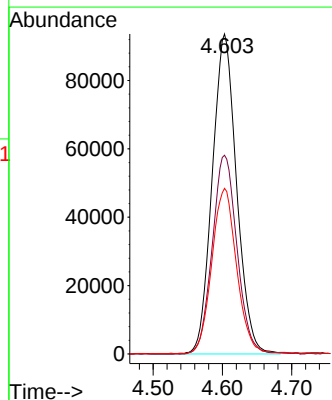
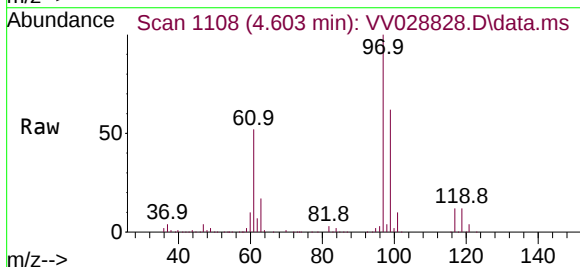
Tgt Ion: 97 Resp: 228711

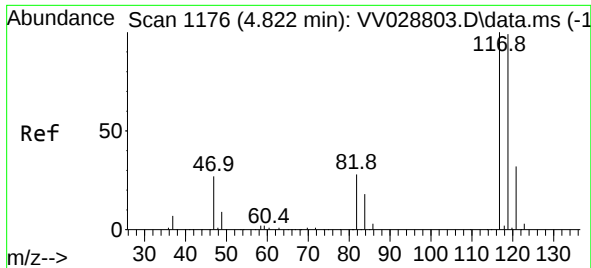
Ion Ratio Lower Upper

97 100

99 63.1 50.2 75.4

61 52.4 40.2 60.4

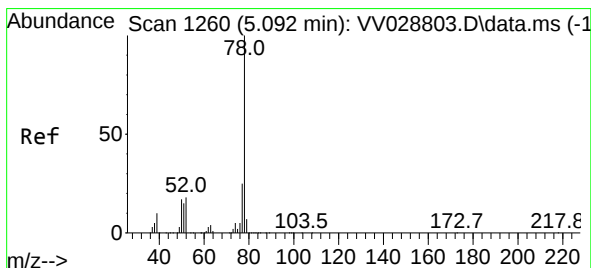
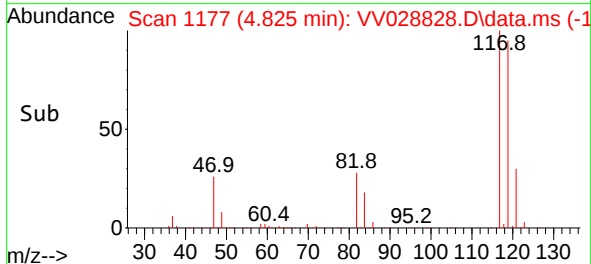
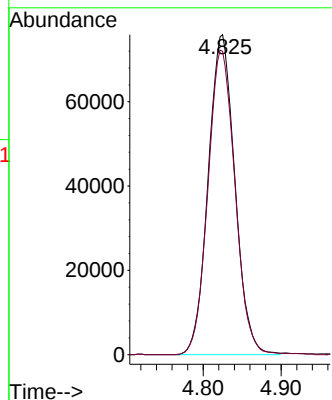
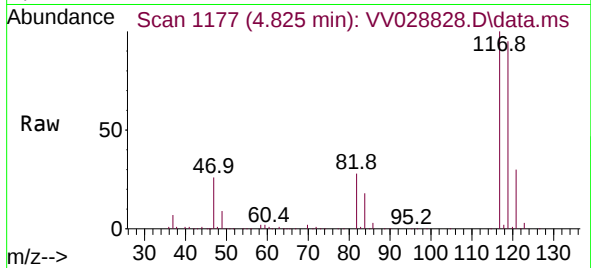




#31
Carbon tetrachloride
Concen: 49.206 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

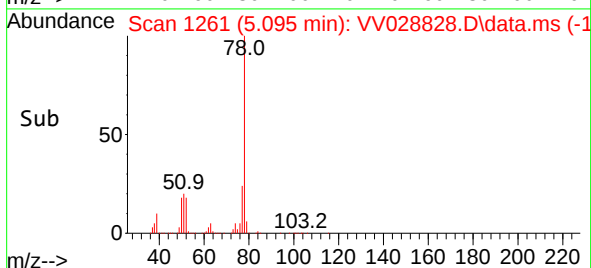
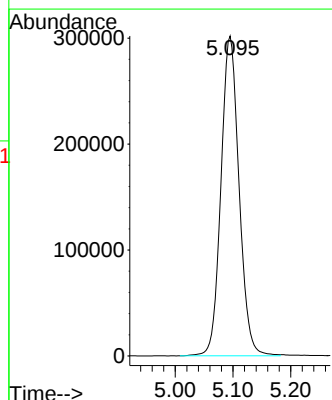
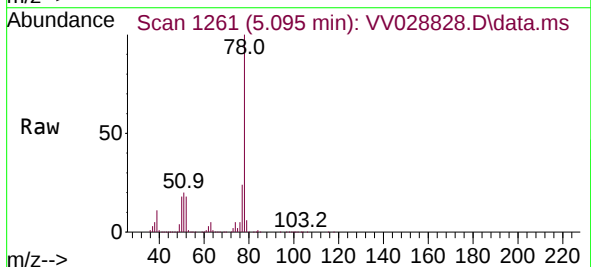
Instrument :
MSVOA_V
ClientSampleId :
VSTD050367

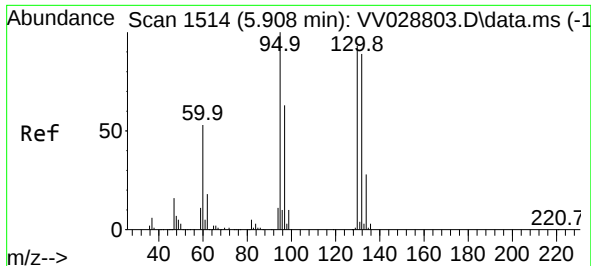
Tgt Ion:117 Resp: 180458
Ion Ratio Lower Upper
117 100
119 96.6 76.1 114.1



#33
Benzene
Concen: 51.243 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

Tgt Ion: 78 Resp: 656940



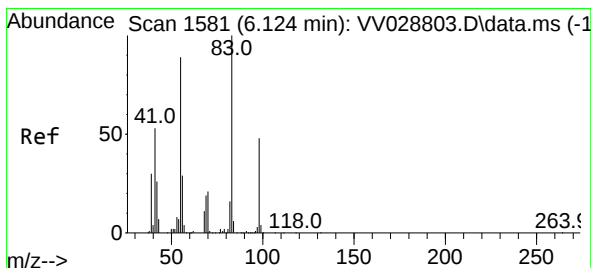
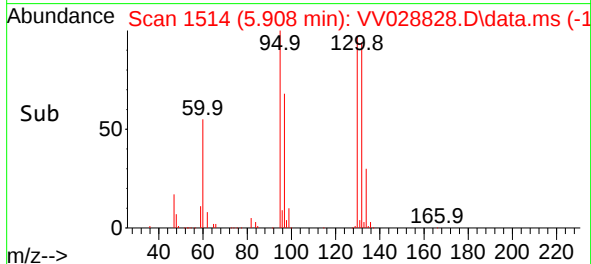
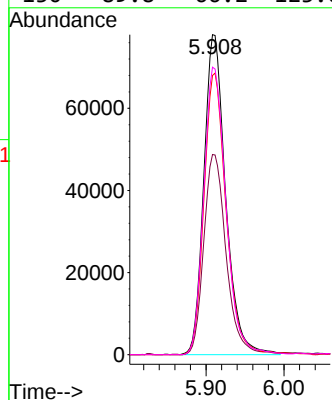
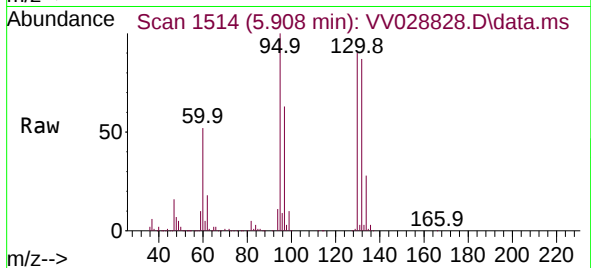


#34
Trichloroethene
Concen: 50.691 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD050367

Tgt Ion: 95 Resp: 151975

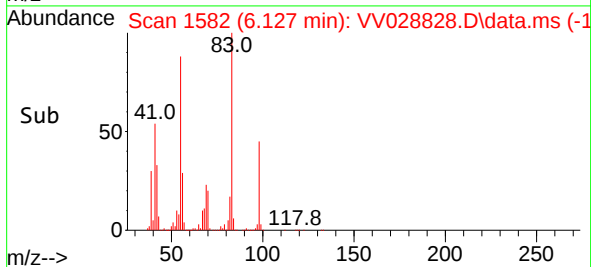
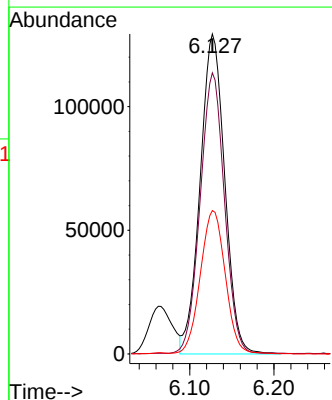
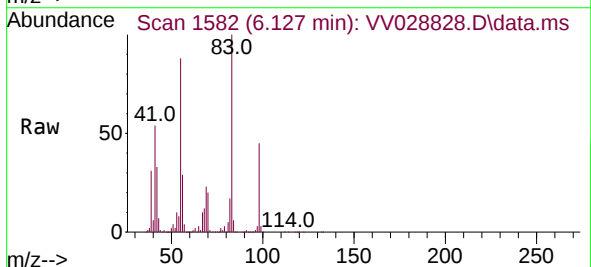
Ion	Ratio	Lower	Upper
95	100		
97	62.5	46.2	85.8
132	87.2	63.2	117.4
130	89.8	66.2	123.0

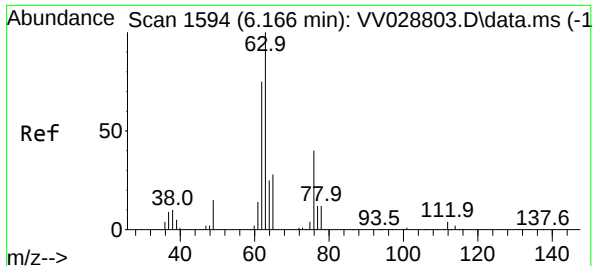


#35
Methylcyclohexane
Concen: 49.452 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

Tgt Ion: 83 Resp: 262958

Ion	Ratio	Lower	Upper
83	100		
55	86.5	69.4	104.2
98	45.6	37.0	55.4





#37

1,2-Dichloropropane

Concen: 52.498 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV028828.D

Acq: 01 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

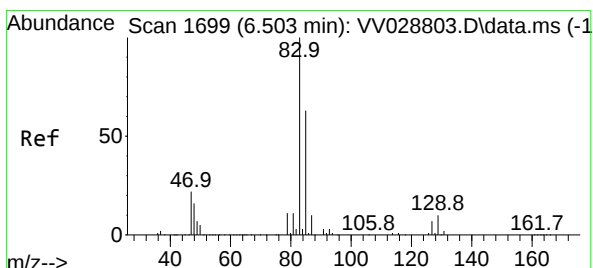
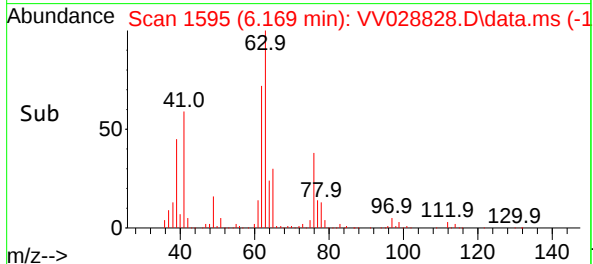
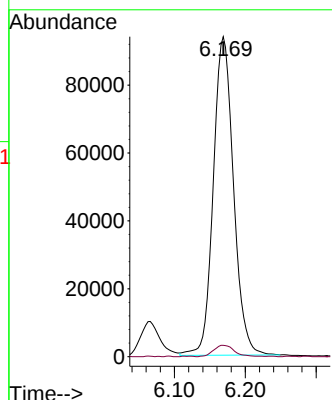
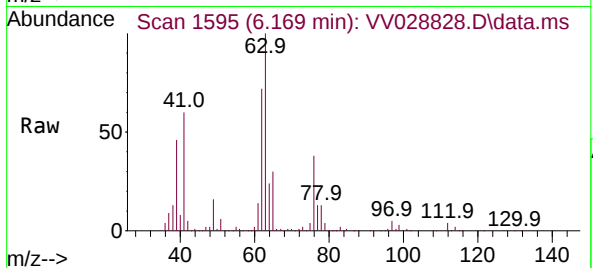
VSTD050367

Tgt Ion: 63 Resp: 186216

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.6



#38

Bromodichloromethane

Concen: 50.752 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VV028828.D

Acq: 01 Nov 2022 20:28

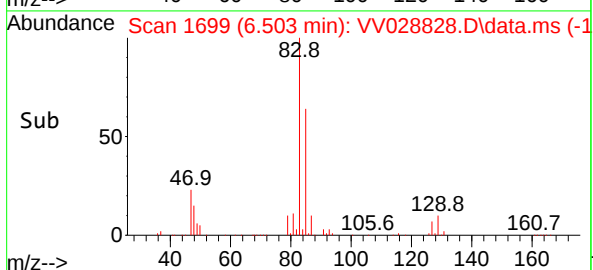
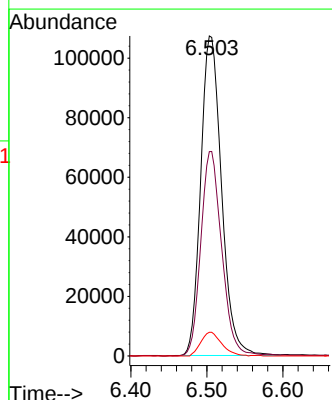
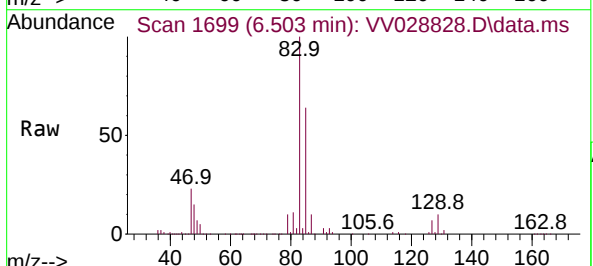
Tgt Ion: 83 Resp: 204519

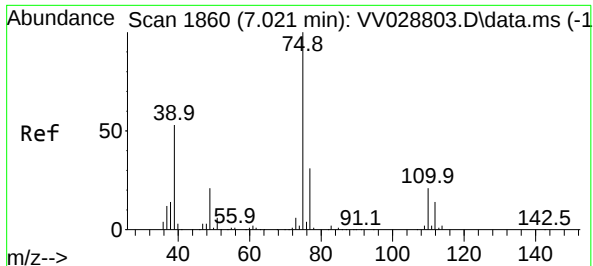
Ion Ratio Lower Upper

83 100

85 63.9 44.3 82.3

127 7.4 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 49.032 ug/L

RT: 7.021 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV028828.D

Acq: 01 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

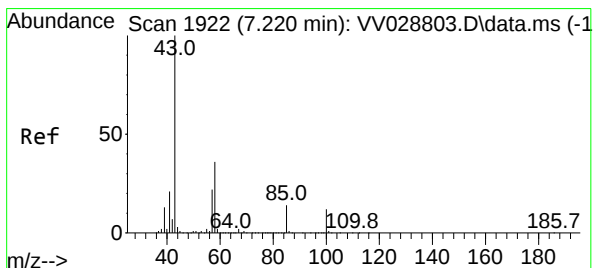
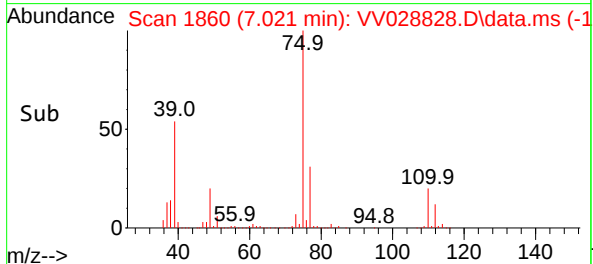
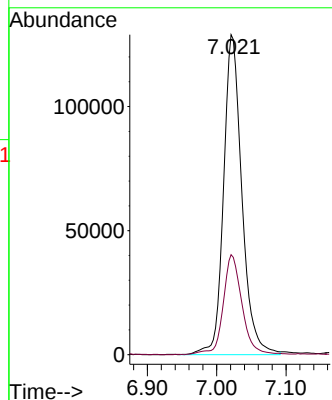
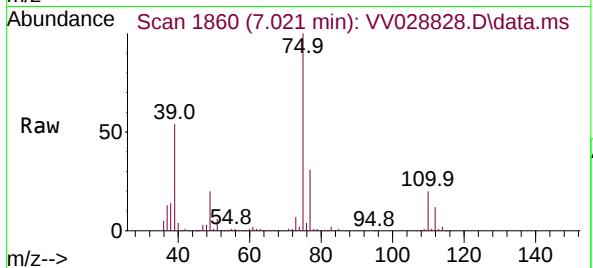
VSTD050367

Tgt Ion: 75 Resp: 237519

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 104.448 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.000 min

Lab File: VV028828.D

Acq: 01 Nov 2022 20:28

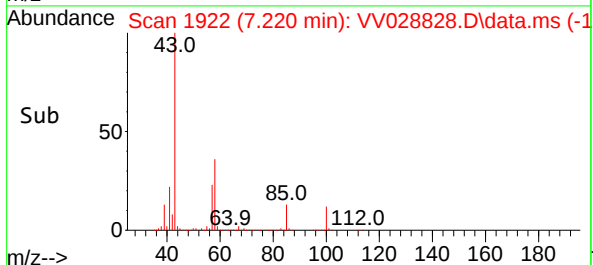
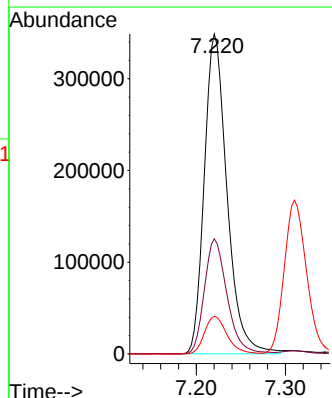
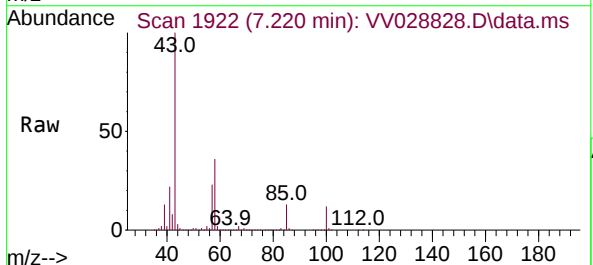
Tgt Ion: 43 Resp: 616151

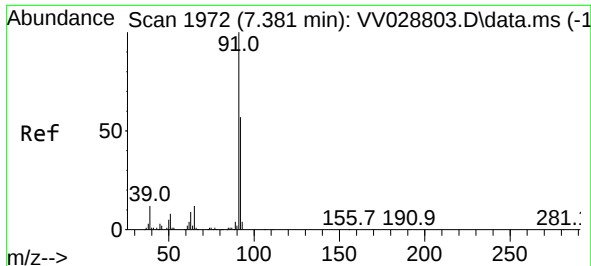
Ion Ratio Lower Upper

43 100

58 36.1 29.1 43.7

100 11.7 9.5 14.3





#42

Toluene

Concen: 50.839 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VV028828.D

Acq: 01 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

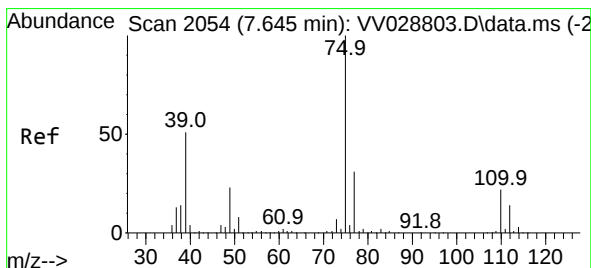
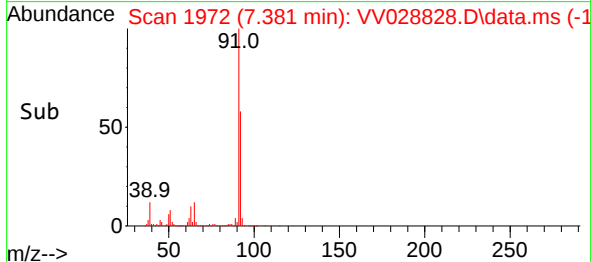
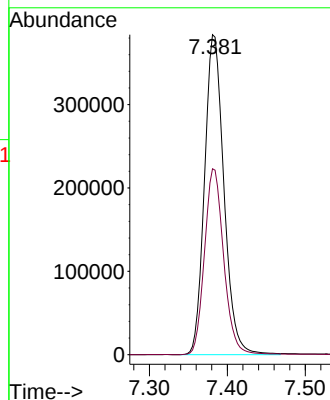
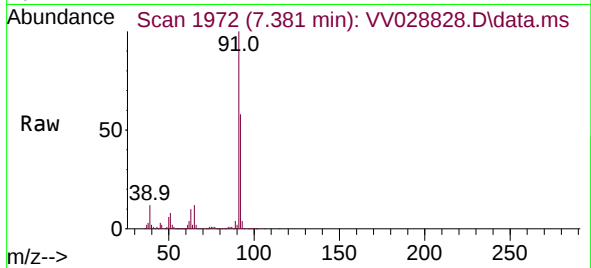
VSTD050367

Tgt Ion: 91 Resp: 664550

Ion Ratio Lower Upper

91 100

92 58.1 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 48.754 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.000 min

Lab File: VV028828.D

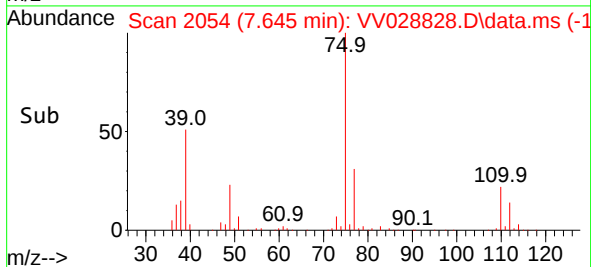
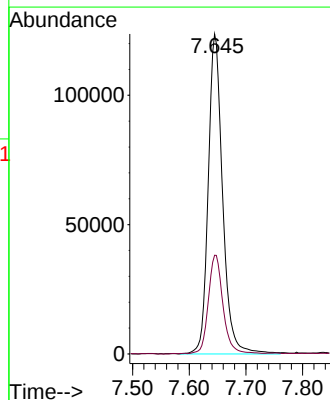
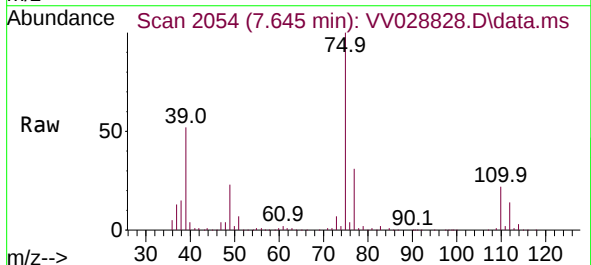
Acq: 01 Nov 2022 20:28

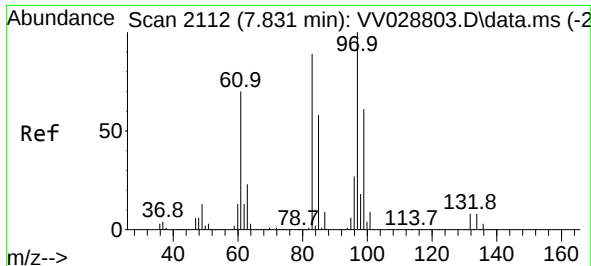
Tgt Ion: 75 Resp: 218397

Ion Ratio Lower Upper

75 100

77 30.8 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 50.703 ug/L

RT: 7.831 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VV028828.D

Acq: 01 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD050367

Tgt Ion: 97 Resp: 154293

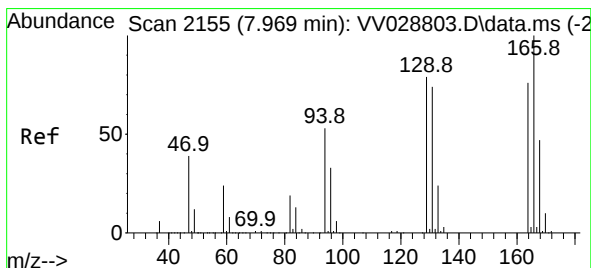
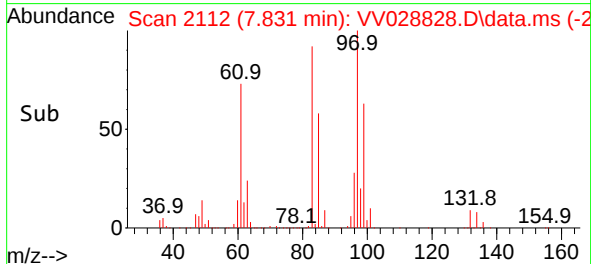
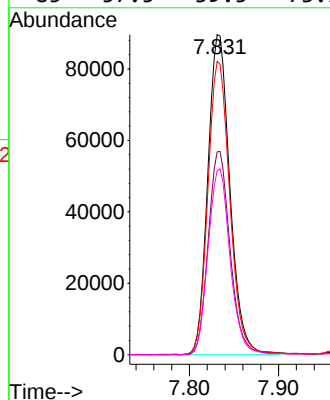
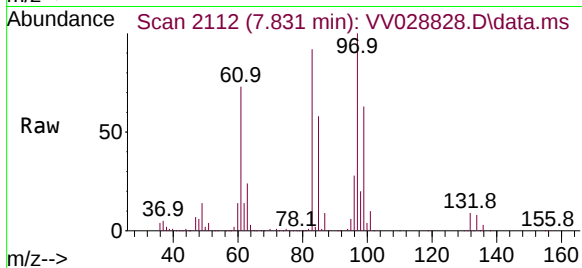
Ion Ratio Lower Upper

97 100

99 63.4 42.9 79.7

83 91.7 62.7 116.5

85 57.5 39.5 73.3



#46

Tetrachloroethene

Concen: 49.042 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VV028828.D

Acq: 01 Nov 2022 20:28

Tgt Ion: 164 Resp: 101902

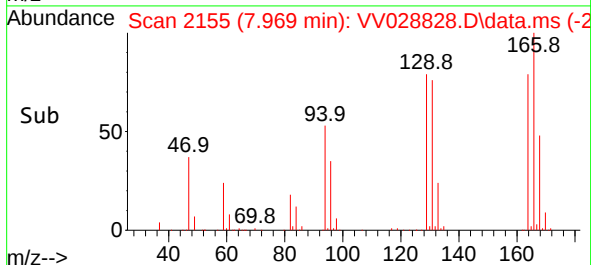
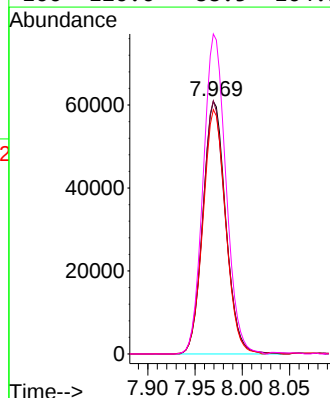
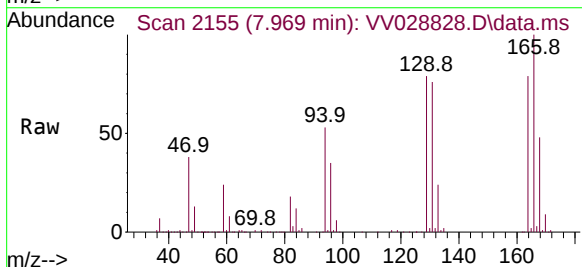
Ion Ratio Lower Upper

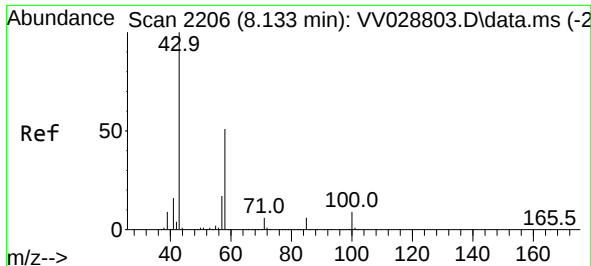
164 100

129 100.1 69.5 129.1

131 96.7 66.4 123.2

166 126.6 88.5 164.3



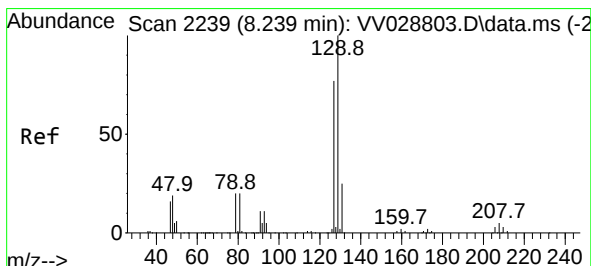
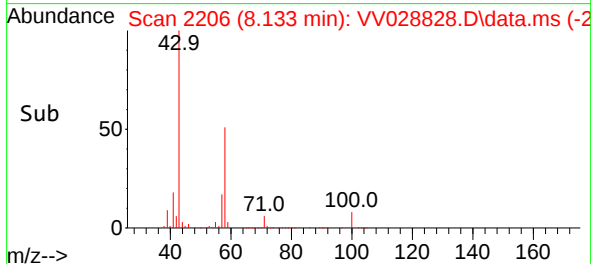
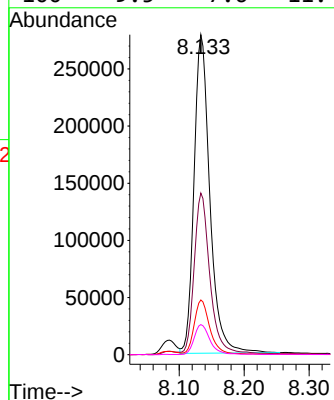
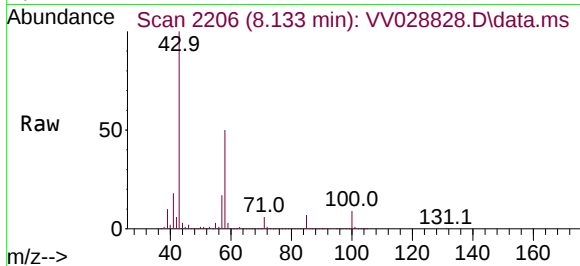


#48
2-Hexanone
Concen: 105.261 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD050367

Tgt Ion: 43 Resp: 472922

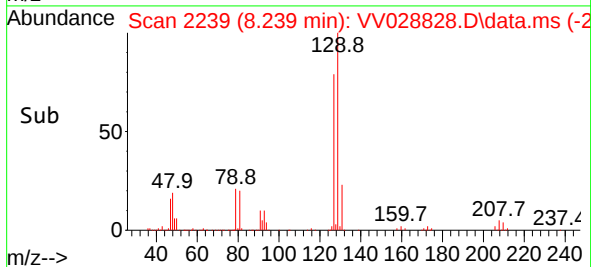
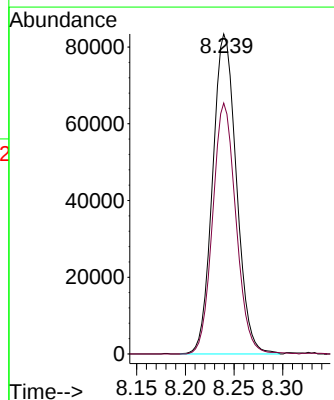
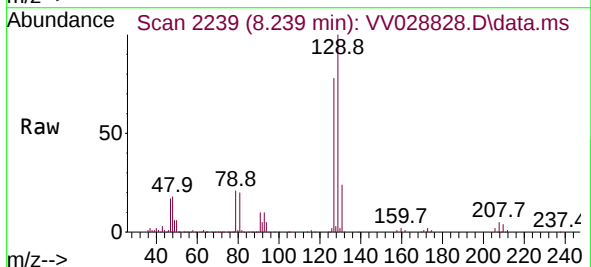
Ion	Ratio	Lower	Upper
43	100		
58	49.9	41.4	62.0
57	16.0	13.8	20.6
100	9.5	7.6	11.4

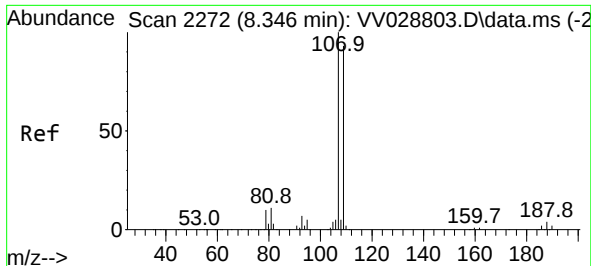


#49
Dibromochloromethane
Concen: 50.435 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

Tgt Ion: 129 Resp: 142073

Ion	Ratio	Lower	Upper
129	100		
127	78.4	55.3	102.7





#50

1,2-Dibromoethane

Concen: 50.785 ug/L

RT: 8.345 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV028828.D

Acq: 01 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD050367

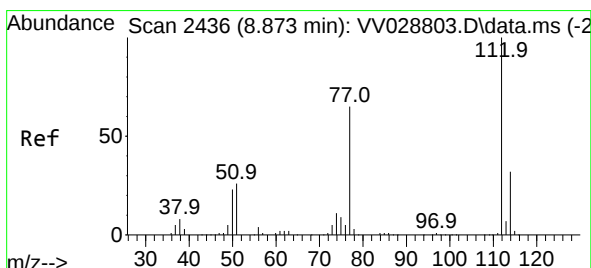
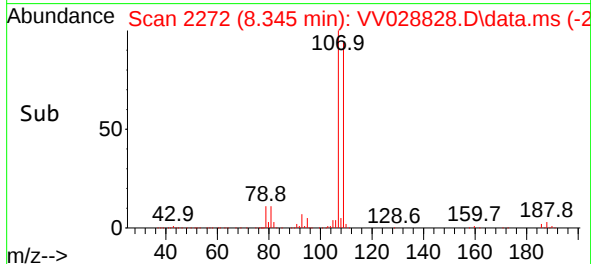
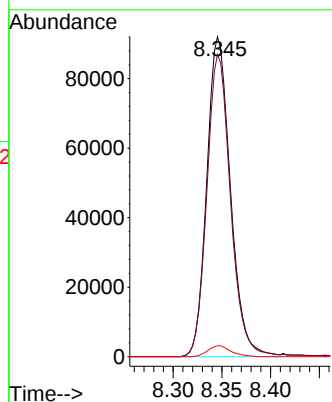
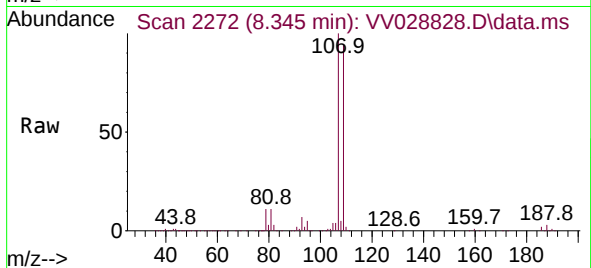
Tgt Ion:107 Resp: 155716

Ion Ratio Lower Upper

107 100

109 94.4 65.2 121.0

188 3.4 2.6 4.0



#51

Chlorobenzene

Concen: 49.787 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.003 min

Lab File: VV028828.D

Acq: 01 Nov 2022 20:28

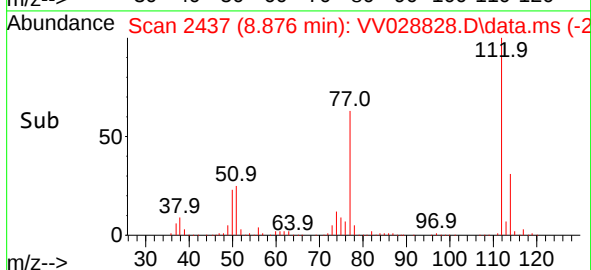
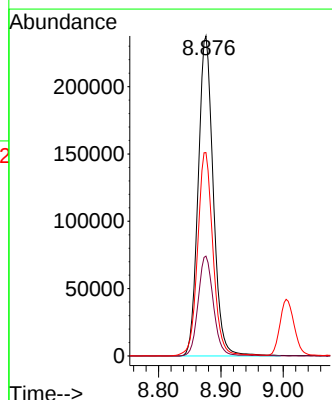
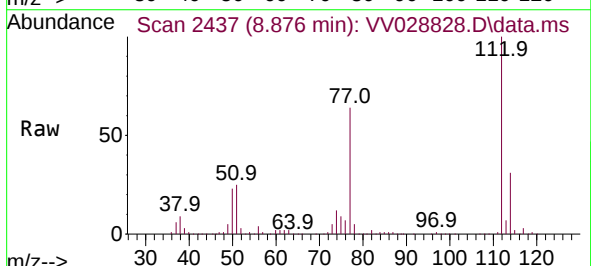
Tgt Ion:112 Resp: 398501

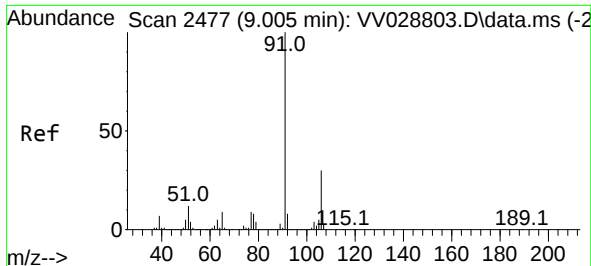
Ion Ratio Lower Upper

112 100

114 31.2 22.3 41.5

77 63.5 50.6 75.8

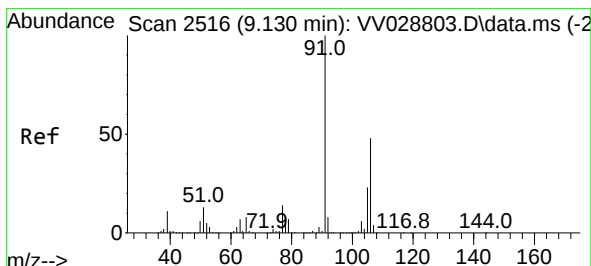
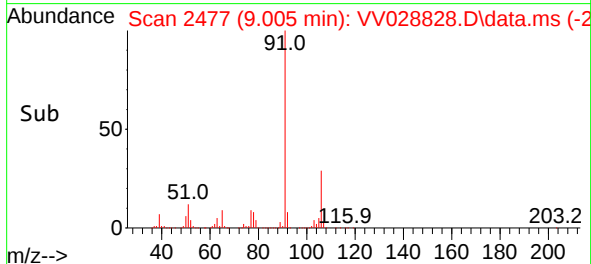
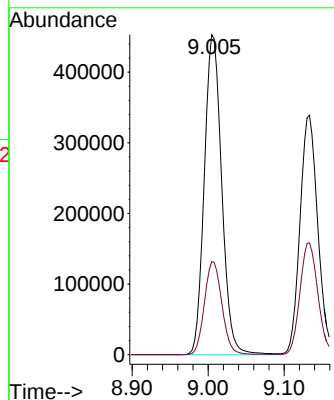
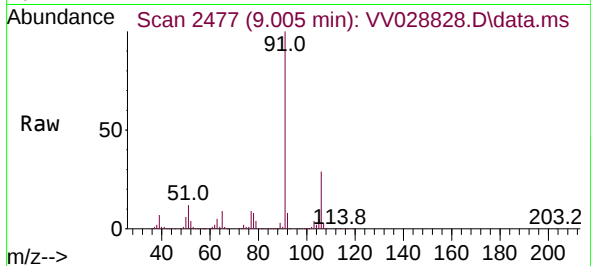




#52
Ethylbenzene
Concen: 51.276 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

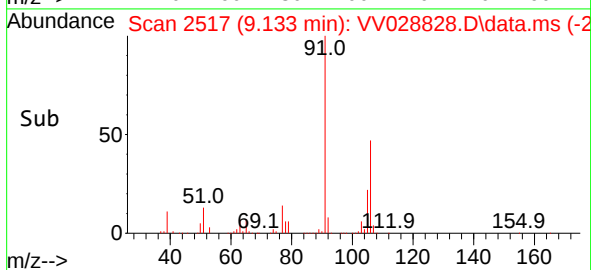
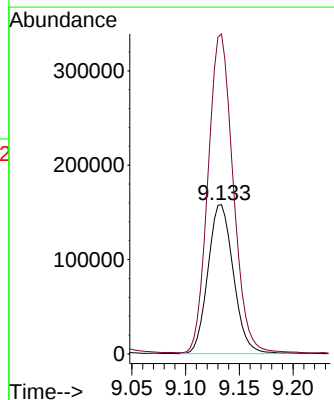
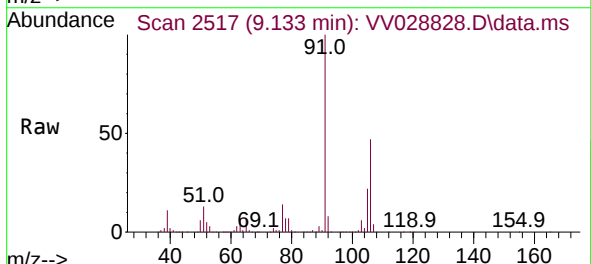
Instrument :
MSVOA_V
ClientSampleId :
VSTD050367

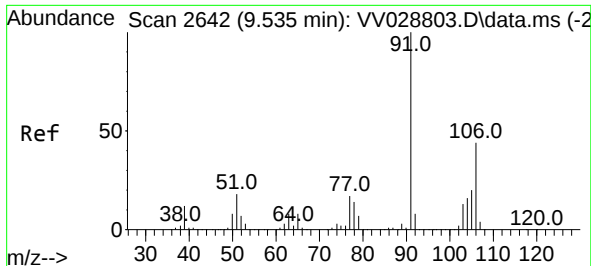
Tgt Ion: 91 Resp: 721040
Ion Ratio Lower Upper
91 100
106 29.1 20.4 38.0



#53
m,p-Xylene
Concen: 50.617 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

Tgt Ion: 106 Resp: 259599
Ion Ratio Lower Upper
106 100
91 214.2 146.2 271.6

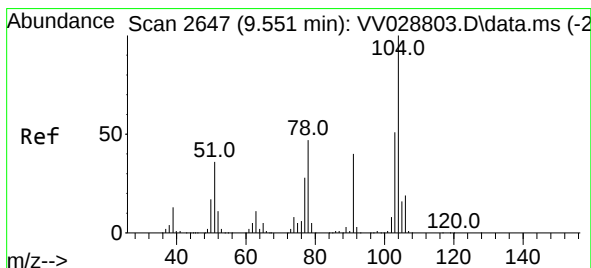
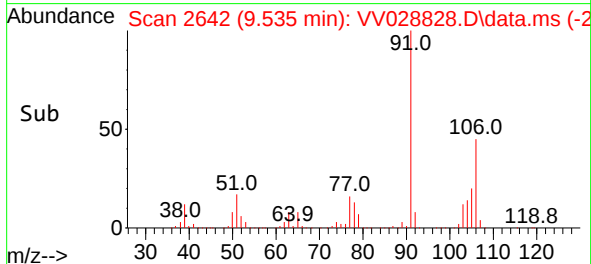
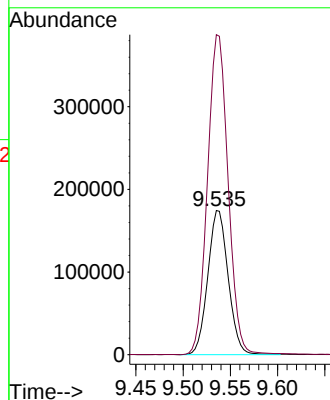
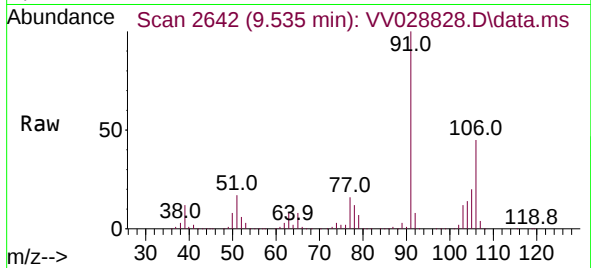




#54
o-Xylene
Concen: 51.139 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

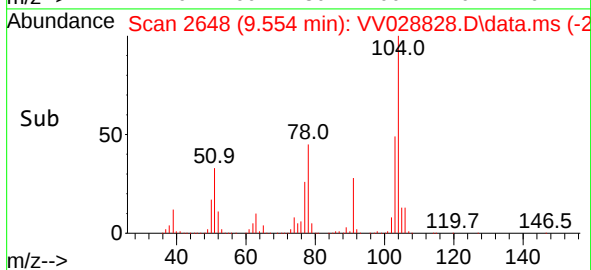
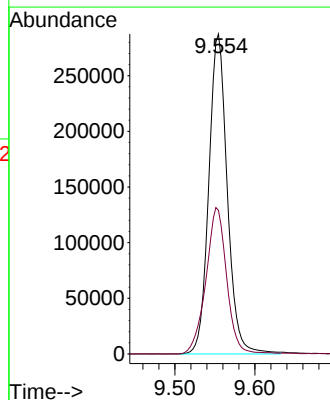
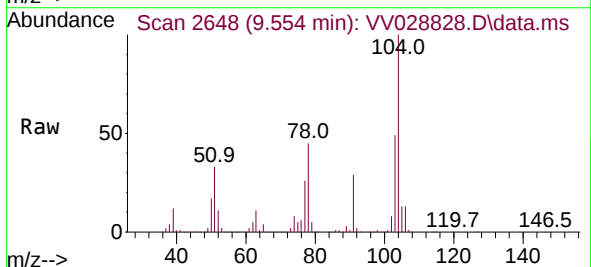
Instrument :
MSVOA_V
ClientSampleId :
VSTD050367

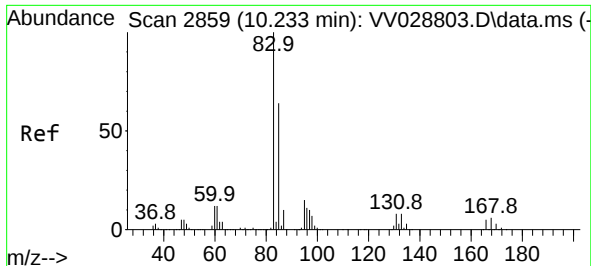
Tgt Ion:106 Resp: 261850
Ion Ratio Lower Upper
106 100
91 222.0 158.1 293.7



#55
Styrene
Concen: 52.677 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.003 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

Tgt Ion:104 Resp: 462544
Ion Ratio Lower Upper
104 100
78 44.9 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 51.604 ug/L

RT: 10.233 min Scan# 2859

Delta R.T. -0.000 min

Lab File: VV028828.D

Acq: 01 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD050367

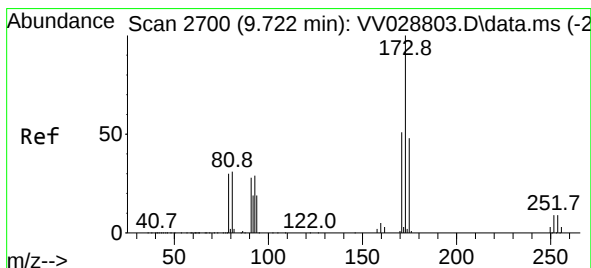
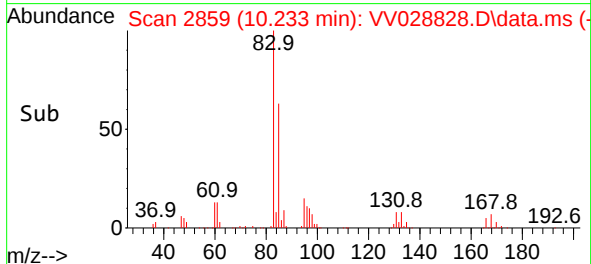
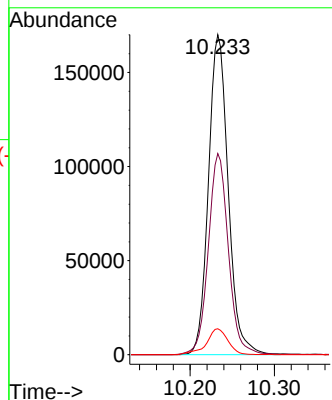
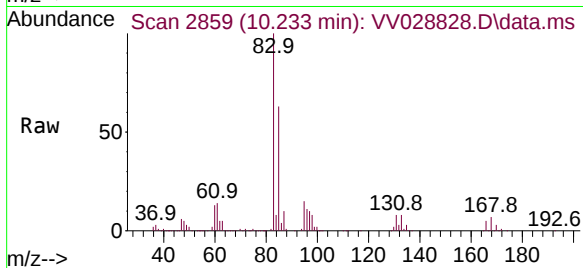
Tgt Ion: 83 Resp: 277161

Ion Ratio Lower Upper

83 100

85 62.9 44.4 82.4

131 8.1 6.5 9.7



#59

Bromoform

Concen: 48.495 ug/L

RT: 9.725 min Scan# 2701

Delta R.T. 0.003 min

Lab File: VV028828.D

Acq: 01 Nov 2022 20:28

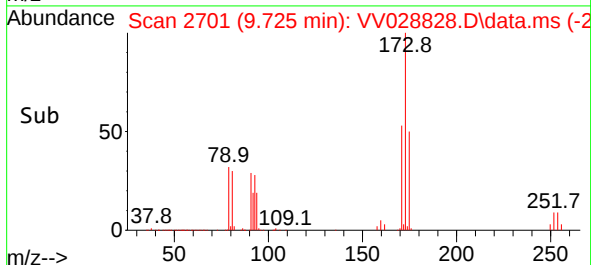
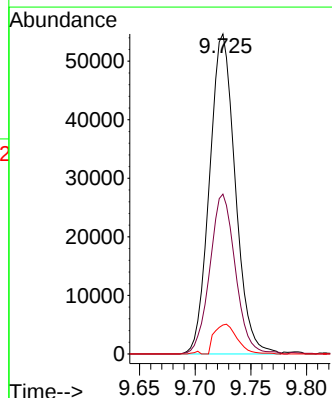
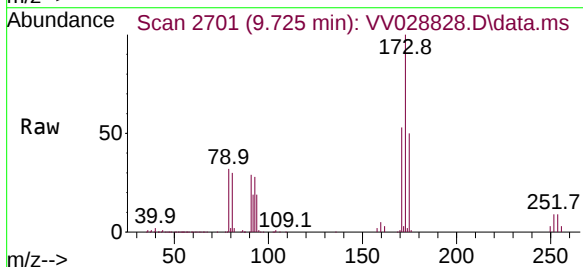
Tgt Ion: 173 Resp: 87890

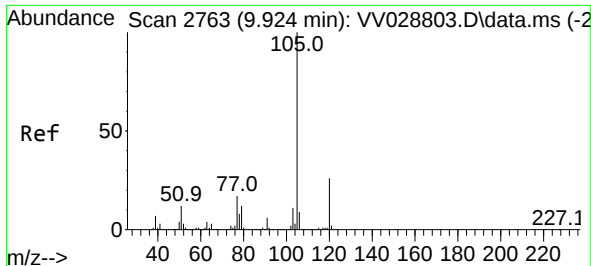
Ion Ratio Lower Upper

173 100

175 49.5 38.7 58.1

254 8.2 7.2 10.8

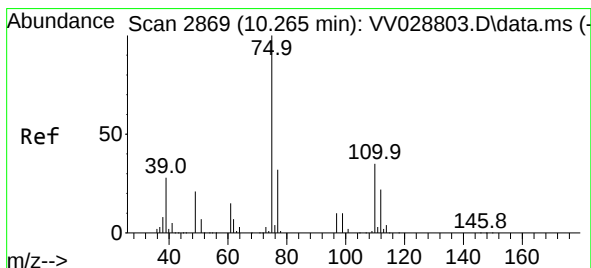
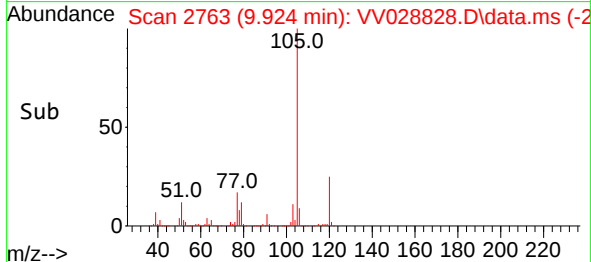
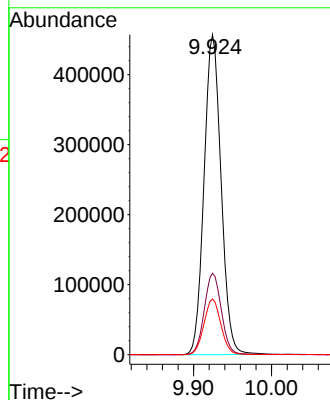
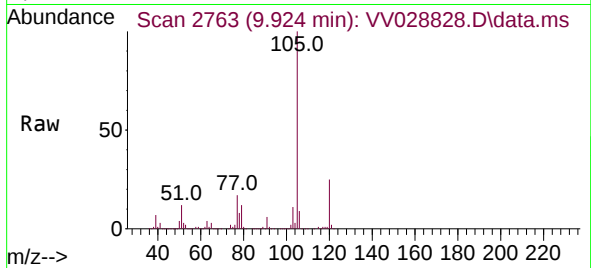




#60
Isopropylbenzene
Concen: 50.041 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

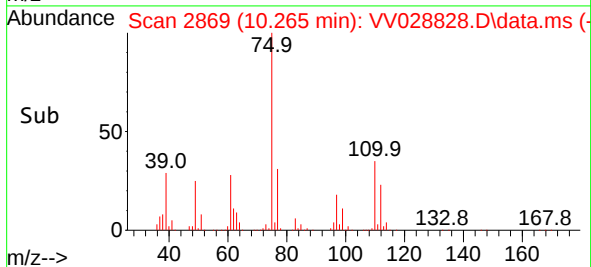
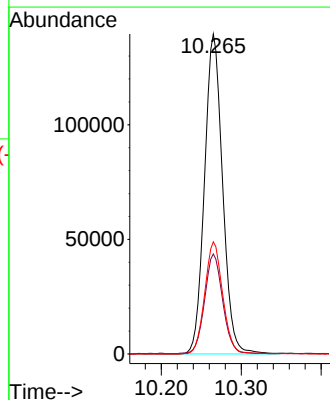
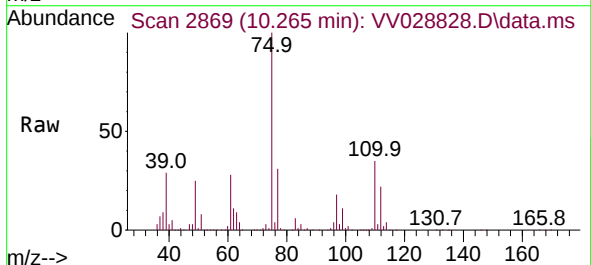
Instrument :
MSVOA_V
ClientSampleId :
VSTD050367

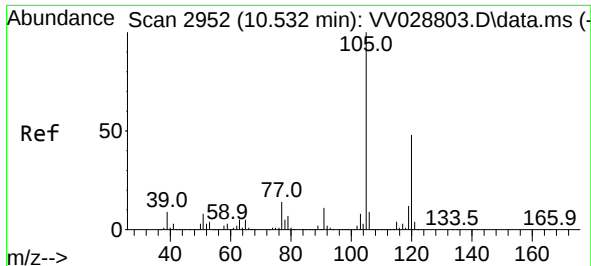
Tgt Ion:105 Resp: 694217
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 17.3 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 50.764 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.000 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

Tgt Ion: 75 Resp: 220229
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4
110 34.8 28.2 42.2

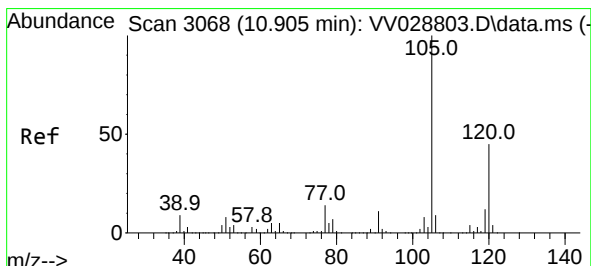
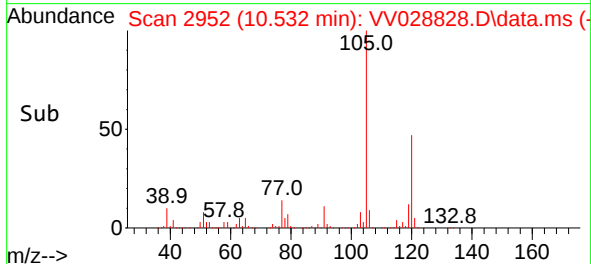
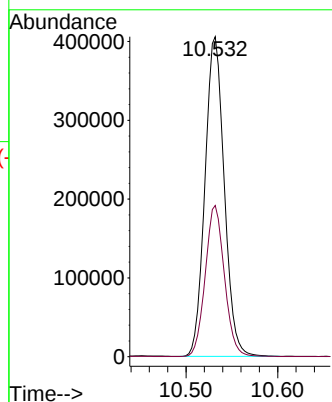
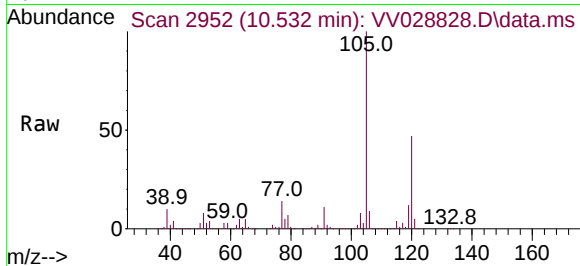




#62
 1,3,5-Trimethylbenzene
 Concen: 51.181 ug/L
 RT: 10.532 min Scan# 2952
 Delta R.T. -0.000 min
 Lab File: VV028828.D
 Acq: 01 Nov 2022 20:28

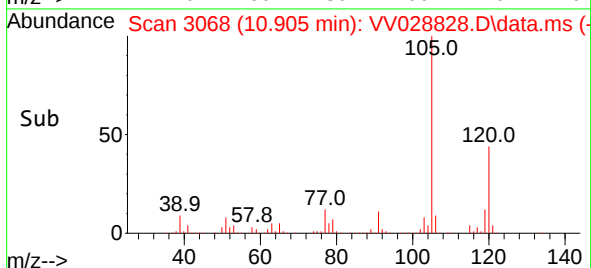
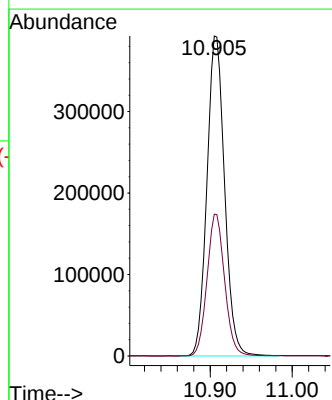
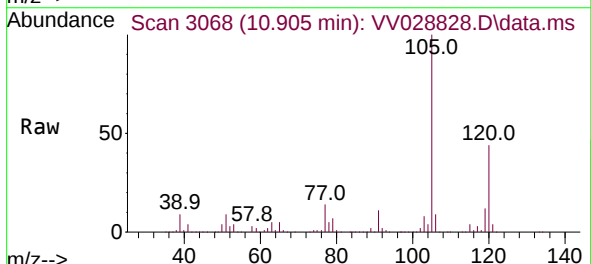
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050367

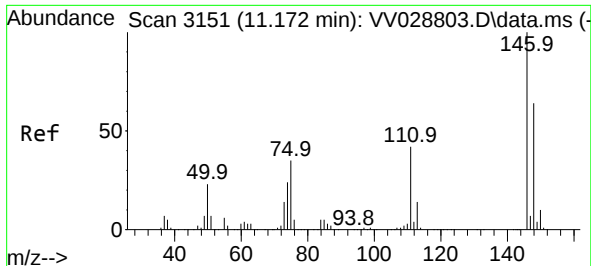
Tgt Ion:105 Resp: 592768
 Ion Ratio Lower Upper
 105 100
 120 47.1 38.5 57.7



#63
 1,2,4-Trimethylbenzene
 Concen: 50.833 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. -0.000 min
 Lab File: VV028828.D
 Acq: 01 Nov 2022 20:28

Tgt Ion:105 Resp: 585701
 Ion Ratio Lower Upper
 105 100
 120 44.2 35.4 53.0

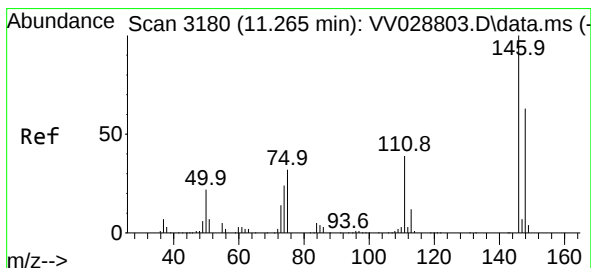
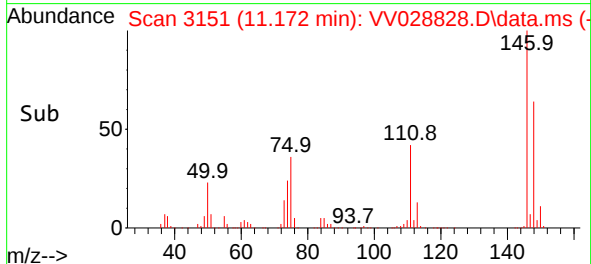
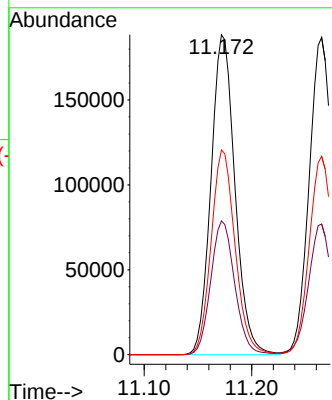
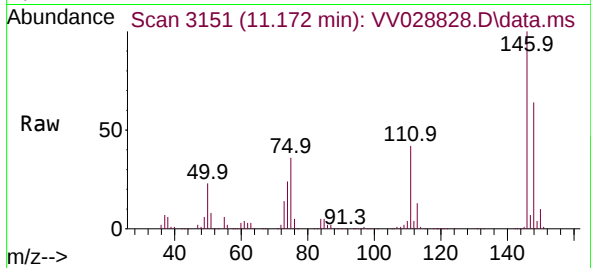




#64
 1,3-Dichlorobenzene
 Concen: 49.925 ug/L
 RT: 11.172 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: VV028828.D
 Acq: 01 Nov 2022 20:28

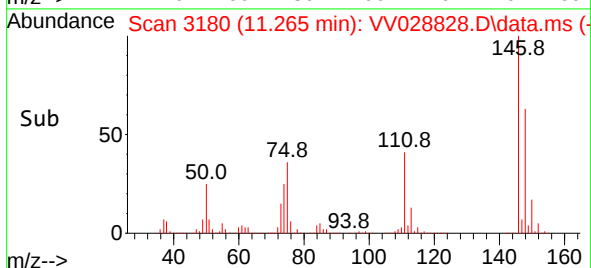
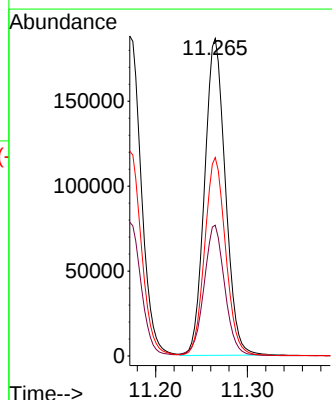
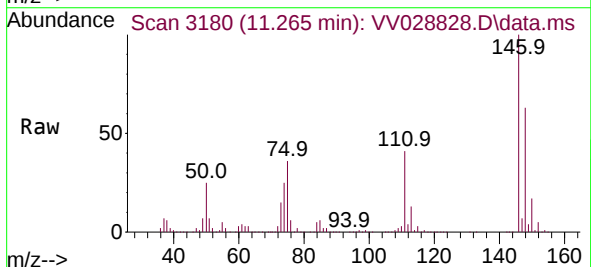
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050367

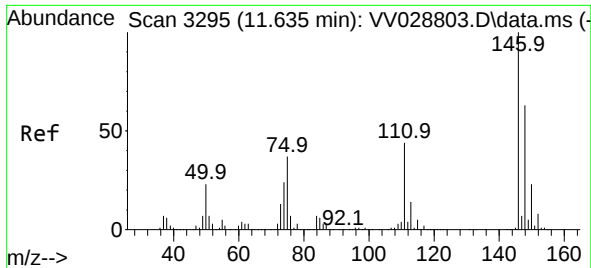
Tgt Ion:146 Resp: 292181
 Ion Ratio Lower Upper
 146 100
 111 41.8 29.6 55.0
 148 64.0 45.0 83.6



#65
 1,4-Dichlorobenzene
 Concen: 49.262 ug/L
 RT: 11.265 min Scan# 3180
 Delta R.T. -0.000 min
 Lab File: VV028828.D
 Acq: 01 Nov 2022 20:28

Tgt Ion:146 Resp: 293751
 Ion Ratio Lower Upper
 146 100
 111 41.2 28.7 53.3
 148 62.5 45.1 83.7

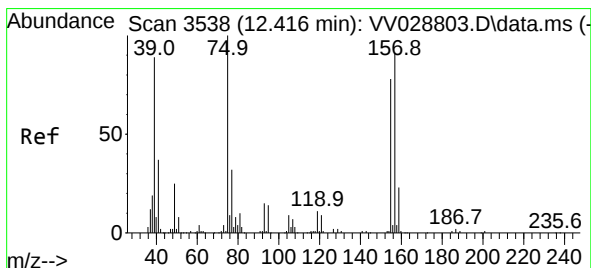
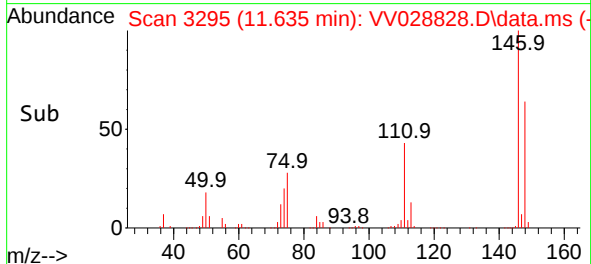
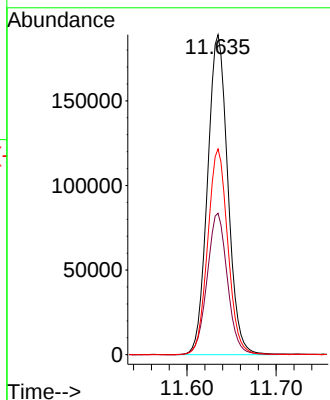
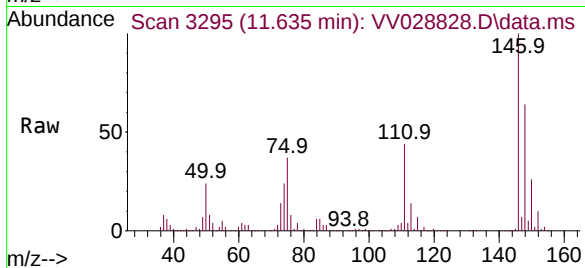




#67
1,2-Dichlorobenzene
Concen: 50.217 ug/L
RT: 11.635 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

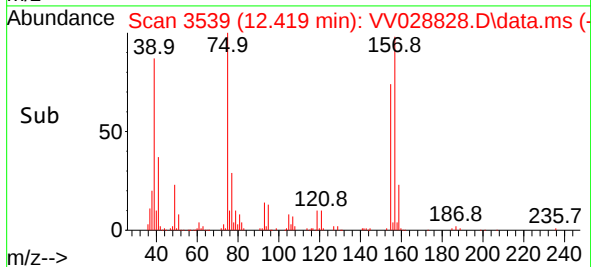
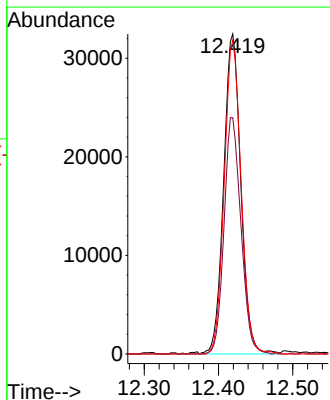
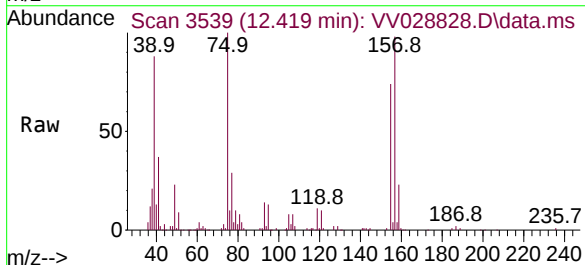
Instrument :
MSVOA_V
ClientSampleId :
VSTD050367

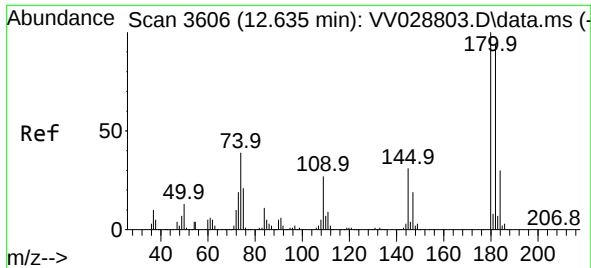
Tgt Ion:146 Resp: 298969
Ion Ratio Lower Upper
146 100
111 44.2 34.2 51.2
148 64.3 49.5 74.3



#68
1,2-Dibromo-3-chloropropane
Concen: 47.356 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.003 min
Lab File: VV028828.D
Acq: 01 Nov 2022 20:28

Tgt Ion: 75 Resp: 52340
Ion Ratio Lower Upper
75 100
155 73.8 59.4 89.0
157 98.0 74.9 112.3



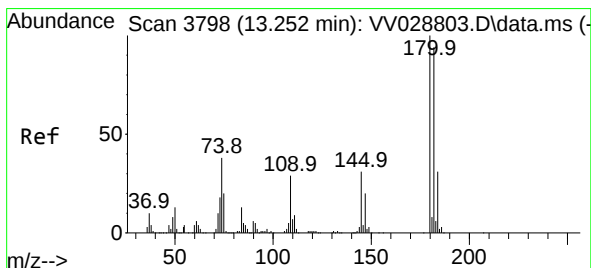
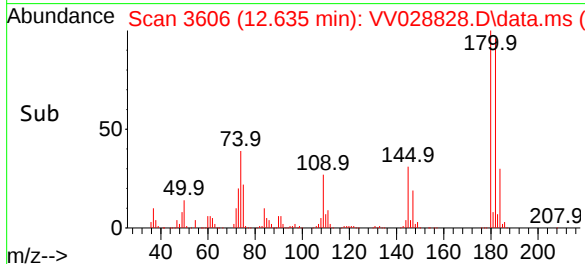
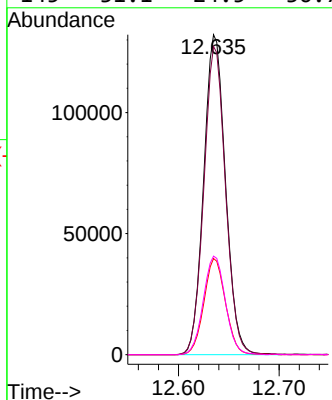
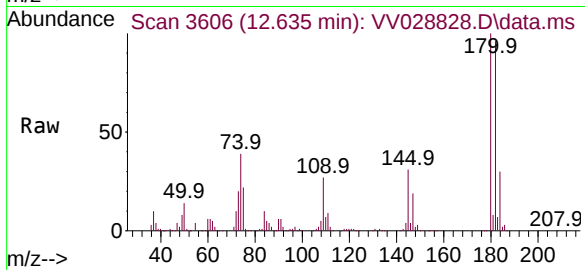


#69
 1,3,5-Trichlorobenzene
 Concen: 47.438 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. -0.000 min
 Lab File: VV028828.D
 Acq: 01 Nov 2022 20:28

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050367

Tgt Ion:180 Resp: 199082

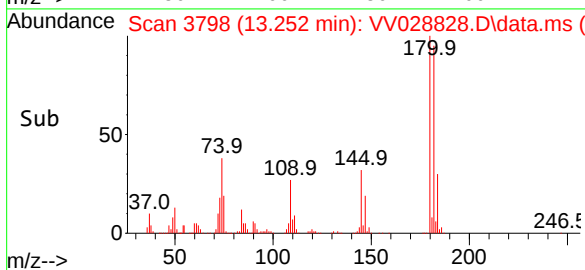
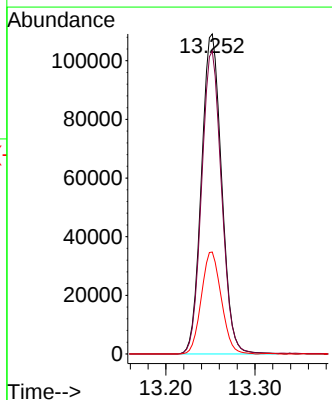
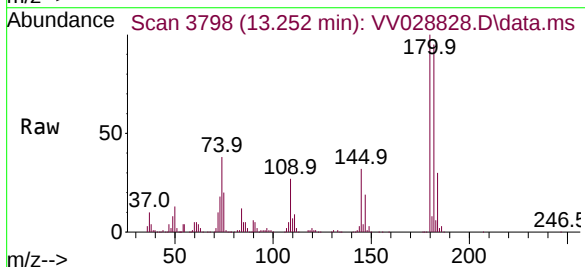
Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.6	113.4
184	29.8	23.9	35.9
145	31.1	24.5	36.7

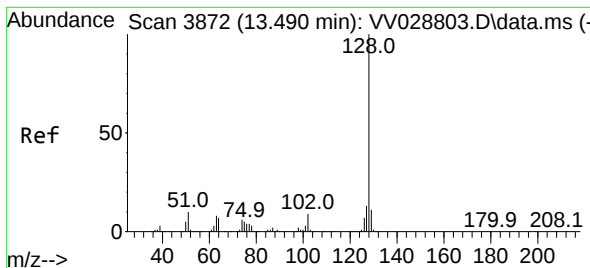


#70
 1,2,4-trichlorobenzene
 Concen: 47.743 ug/L
 RT: 13.252 min Scan# 3798
 Delta R.T. -0.000 min
 Lab File: VV028828.D
 Acq: 01 Nov 2022 20:28

Tgt Ion:180 Resp: 171462

Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.6	115.0
145	31.5	25.1	37.7





#71

Naphthalene

Concen: 45.874 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. -0.000 min

Lab File: VV028828.D

Acq: 01 Nov 2022 20:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD050367

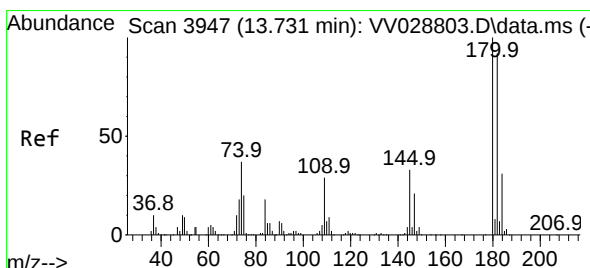
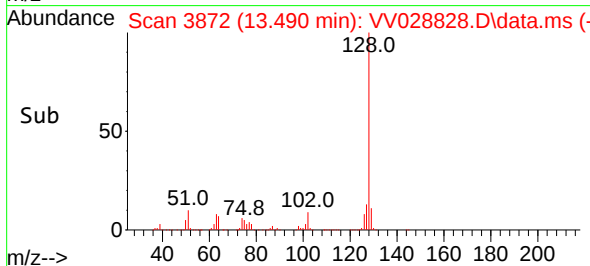
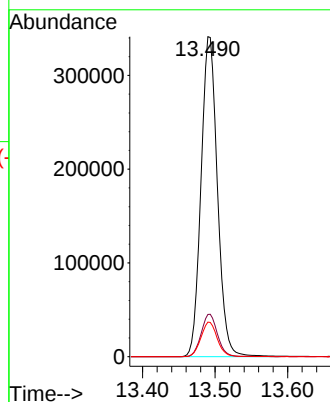
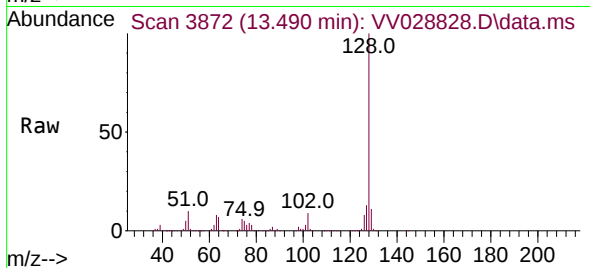
Tgt Ion:128 Resp: 536416

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 49.092 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. -0.000 min

Lab File: VV028828.D

Acq: 01 Nov 2022 20:28

Tgt Ion:180 Resp: 178453

Ion Ratio Lower Upper

180 100

182 93.8 75.5 113.3

145 33.4 26.2 39.4

