

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110322\
 Data File : VV028851.D
 Acq On : 03 Nov 2022 16:41
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050371

Quant Time: Nov 04 04:44:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 04 04:43:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	444649	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	415263	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	211304	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	148141	35.145	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.280%		
7) Chloroethane-d5	1.561	69	138237	38.363	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.720%		
11) 1,1-Dichloroethene-d2	2.108	63	312606	38.987	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.980%		
21) 2-Butanone-d5	3.867	46	281370	91.700	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.700%		
24) Chloroform-d	4.339	84	281264	44.242	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.480%		
26) 1,2-Dichloroethane-d4	5.024	65	189947	45.177	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.360%		
32) Benzene-d6	5.040	84	531652	41.011	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.020%		
36) 1,2-Dichloropropane-d6	6.063	67	190752	42.860	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.720%		
41) Toluene-d8	7.307	98	460995	40.451	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.900%		
43) trans-1,3-Dichloroprop...	7.616	79	72027	42.137	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.280%		
47) 2-Hexanone-d5	8.082	63	178753	88.876	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.880%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	270894	46.159	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.320%		
66) 1,2-Dichlorobenzene-d4	11.615	152	175385	42.049	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.100%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	148673	45.465	ug/L	99
3) Chloromethane	1.240	50	251068	46.133	ug/L	99
5) Vinyl chloride	1.310	62	229192	45.847	ug/L	99
6) Bromomethane	1.519	94	121181	43.933	ug/L	99
8) Chloroethane	1.580	64	150443	46.865	ug/L	98
9) Trichlorofluoromethane	1.751	101	278134	46.784	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	160990	47.795	ug/L	99
12) 1,1-Dichloroethene	2.114	96	151327	45.630	ug/L	93
13) Acetone	2.159	43	278961	93.899	ug/L	100
14) Carbon disulfide	2.291	76	380747	41.159	ug/L	100
15) Methyl Acetate	2.423	43	225590	45.243	ug/L	100
16) Methylene chloride	2.500	84	176987	43.984	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	149565	46.624	ug/L	98
18) Methyl tert-butyl Ether	2.760	73	518106	46.754	ug/L	99
19) 1,1-Dichloroethane	3.182	63	330182	47.239	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	167208	47.241	ug/L	98
22) 2-Butanone	3.950	43	320112	87.708	ug/L	99
23) Bromochloromethane	4.236	128	79121	46.966	ug/L	99
25) Chloroform	4.365	83	303785	46.787	ug/L	100

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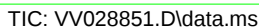
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 Quant Title : VOC Analysis
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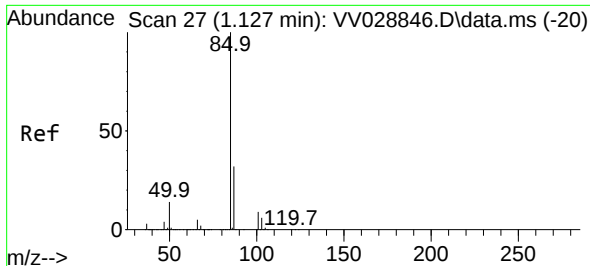
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	258093	48.674	ug/L	99
29) Cyclohexane	4.670	56	308394	46.542	ug/L	100
30) 1,1,1-Trichloroethane	4.600	97	242264	46.283	ug/L	99
31) Carbon tetrachloride	4.821	117	193283	46.217	ug/L	100
33) Benzene	5.092	78	696163	47.619	ug/L	100
34) Trichloroethene	5.908	95	160773	47.026	ug/L	99
35) Methylcyclohexane	6.124	83	290880	47.970	ug/L	99
37) 1,2-Dichloropropane	6.165	63	197428	48.809	ug/L	100
38) Bromodichloromethane	6.503	83	212493	46.241	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	258488	46.793	ug/L	100
40) 4-Methyl-2-pentanone	7.217	43	610191	90.706	ug/L	100
42) Toluene	7.381	91	709056	47.568	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	236527	46.302	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	163906	47.233	ug/L	98
46) Tetrachloroethene	7.969	164	112153	47.332	ug/L	100
48) 2-Hexanone	8.133	43	463238	90.416	ug/L	99
49) Dibromochloromethane	8.239	129	145607	45.328	ug/L	100
50) 1,2-Dibromoethane	8.345	107	162999	46.618	ug/L	99
51) Chlorobenzene	8.873	112	424050	46.458	ug/L	99
52) Ethylbenzene	9.005	91	773969	48.266	ug/L	100
53) m,p-Xylene	9.130	106	281421	48.118	ug/L	99
54) o-Xylene	9.535	106	281993	48.295	ug/L	99
55) Styrene	9.551	104	495151	49.450	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.233	83	285984	46.693	ug/L	99
59) Bromoform	9.722	173	90302	43.052	ug/L	99
60) Isopropylbenzene	9.924	105	759284	47.291	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	227325	45.276	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	636758	47.505	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	626653	46.994	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	313420	46.274	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	317480	46.004	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	317456	46.073	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	49491	38.691	ug/L	98
69) 1,3,5-Trichlorobenzene	12.635	180	223706	46.059	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	188025	45.237	ug/L	100
71) Naphthalene	13.490	128	548814	40.554	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	189313	44.999	ug/L	99

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

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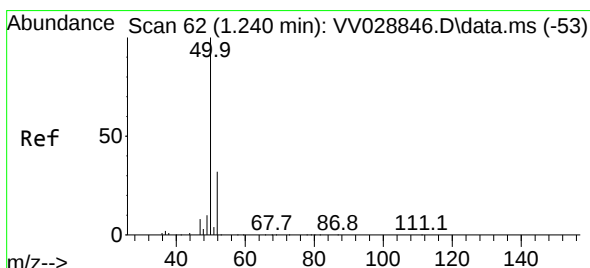
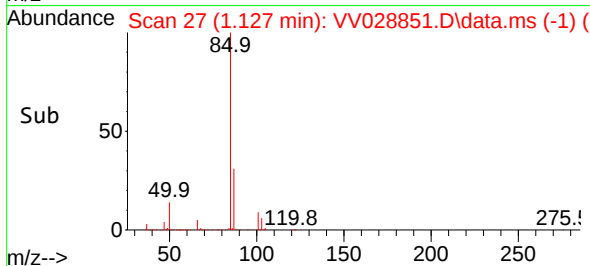
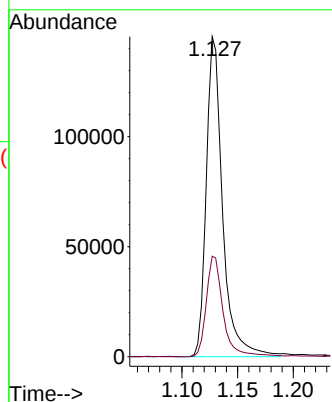
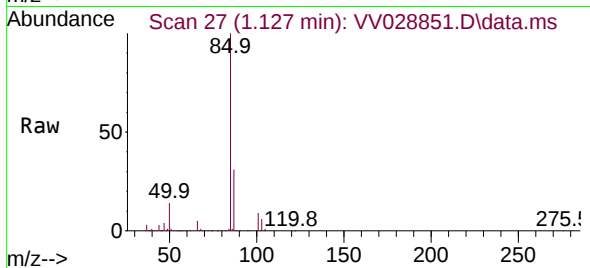




#2
 Dichlorodifluoromethane
 Concen: 45.465 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV028851.D
 Acq: 03 Nov 2022 16:41

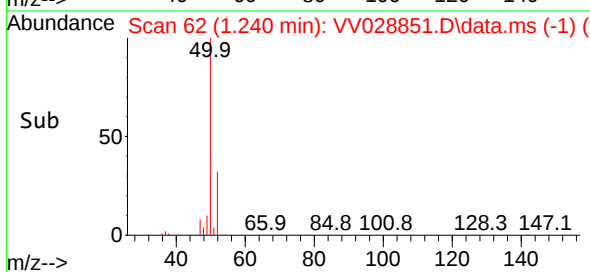
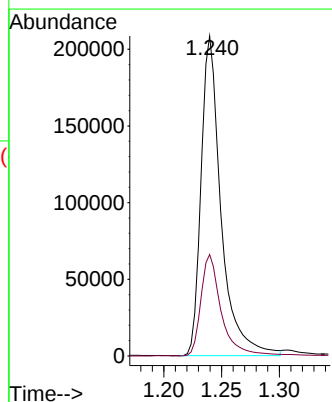
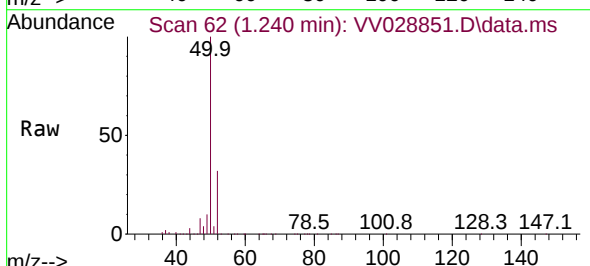
Instrument :
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 VSTD050371

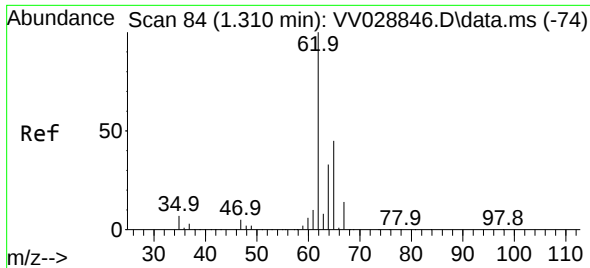
Tgt Ion: 85 Resp: 148673
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.4 38.0



#3
 Chloromethane
 Concen: 46.133 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV028851.D
 Acq: 03 Nov 2022 16:41

Tgt Ion: 50 Resp: 251068
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.7 42.1

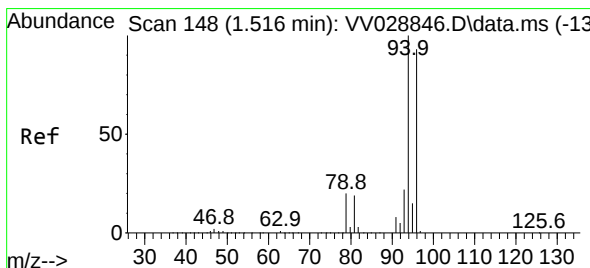
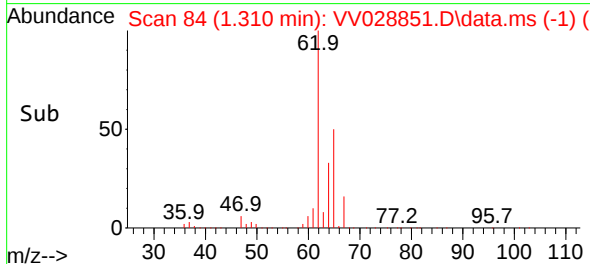
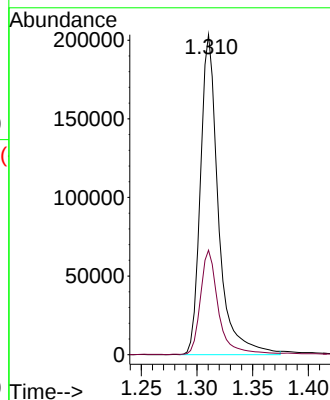
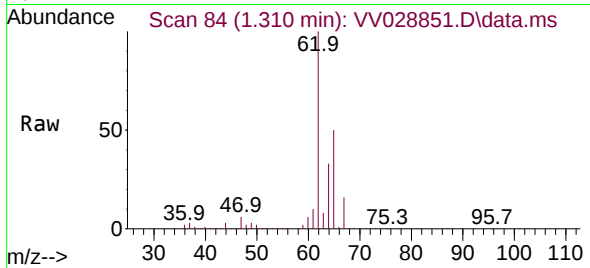




#5
 Vinyl chloride
 Concen: 45.847 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028851.D
 Acq: 03 Nov 2022 16:41

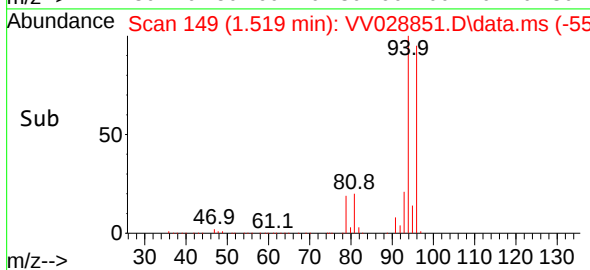
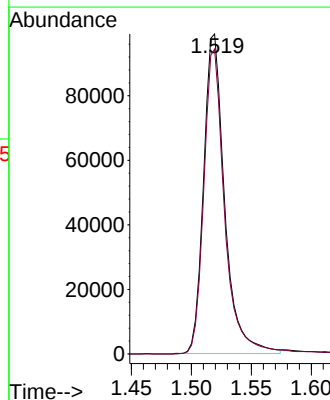
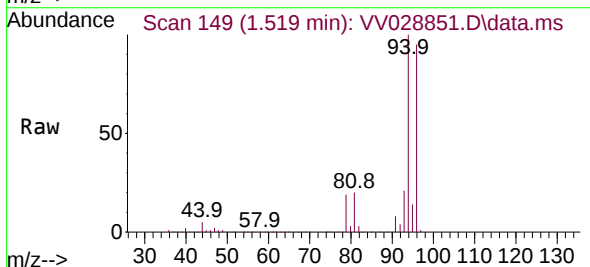
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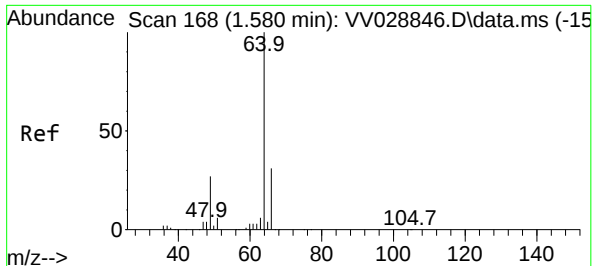
Tgt Ion: 62 Resp: 229192
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.0



#6
 Bromomethane
 Concen: 43.933 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV028851.D
 Acq: 03 Nov 2022 16:41

Tgt Ion: 94 Resp: 121181
 Ion Ratio Lower Upper
 94 100
 96 95.2 67.6 125.6

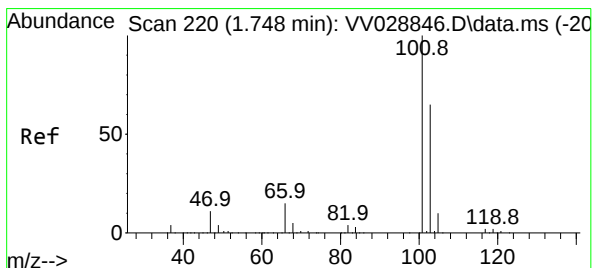
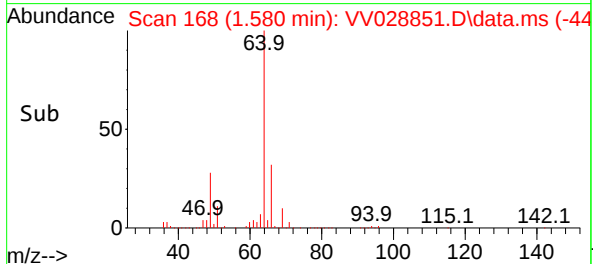
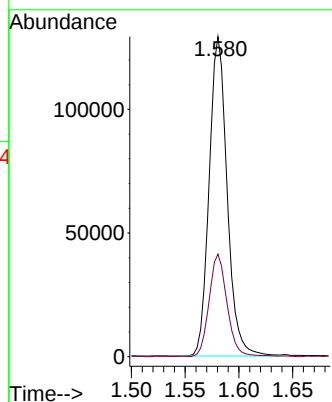
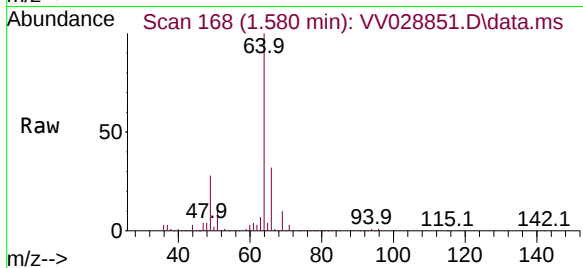




#8
Chloroethane
Concen: 46.865 ug/L
RT: 1.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

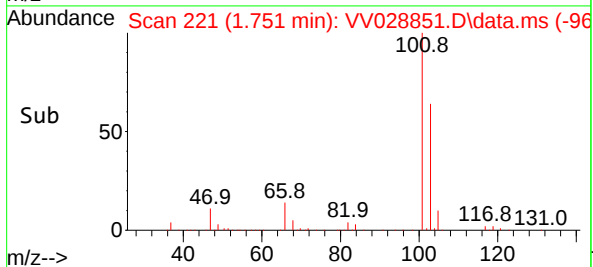
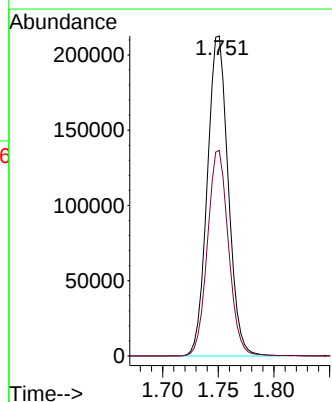
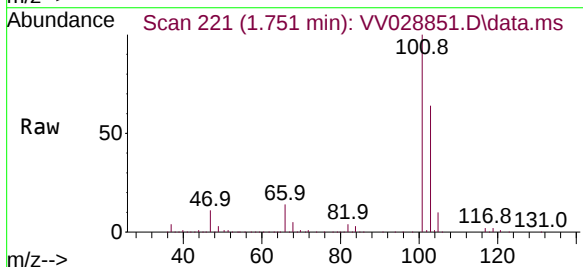
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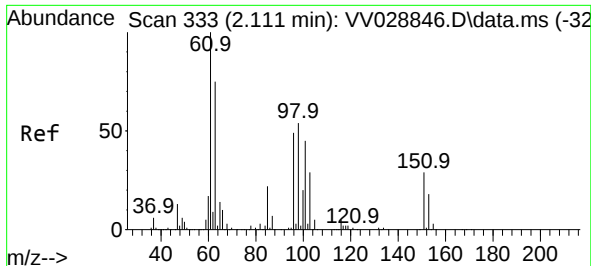
Tgt Ion: 64 Resp: 150443
Ion Ratio Lower Upper
64 100
66 32.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 46.784 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

Tgt Ion:101 Resp: 278134
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4

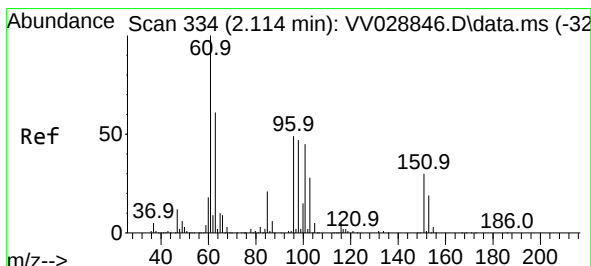
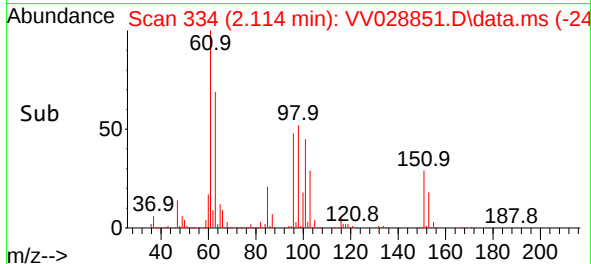
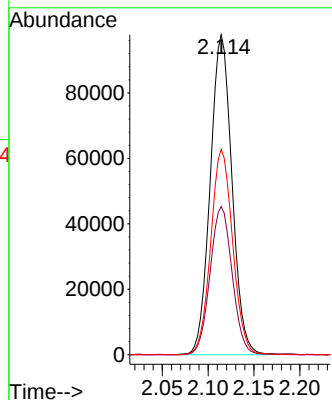
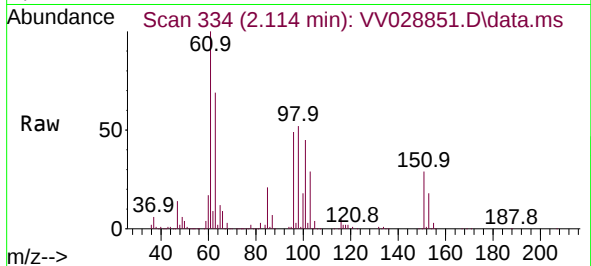




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.795 ug/L
RT: 2.114 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

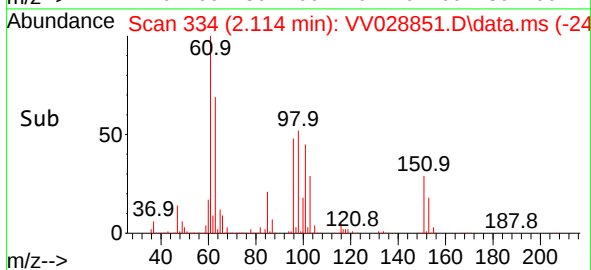
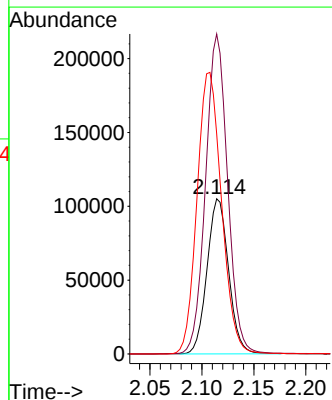
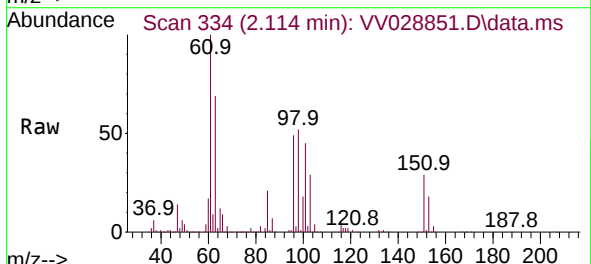
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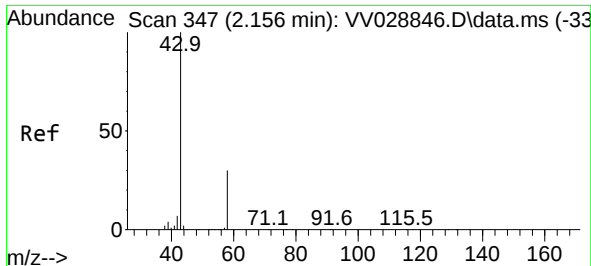
Tgt Ion:101 Resp: 160990
Ion Ratio Lower Upper
101 100
85 47.1 38.0 57.0
151 64.9 52.7 79.1



#12
1,1-Dichloroethene
Concen: 45.630 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

Tgt Ion: 96 Resp: 151327
Ion Ratio Lower Upper
96 100
61 206.1 142.7 265.1
63 141.8 112.5 208.9





#13

Acetone

Concen: 93.899 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV028851.D

Acq: 03 Nov 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

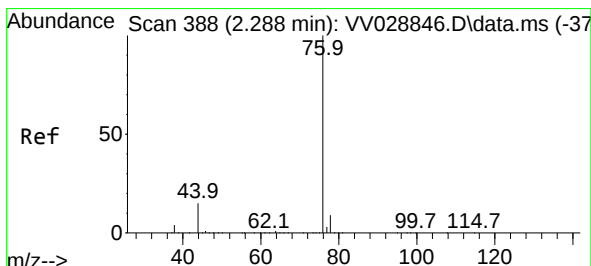
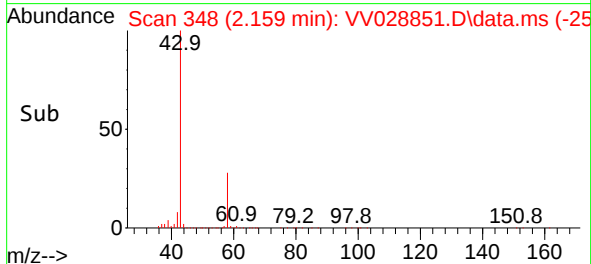
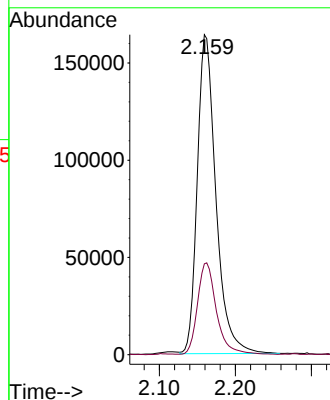
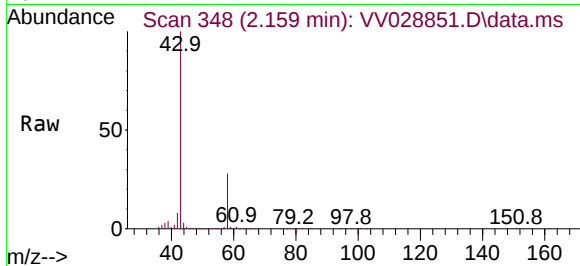
VSTD050371

Tgt Ion: 43 Resp: 278961

Ion Ratio Lower Upper

43 100

58 29.5 0.0 59.0



#14

Carbon disulfide

Concen: 41.159 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV028851.D

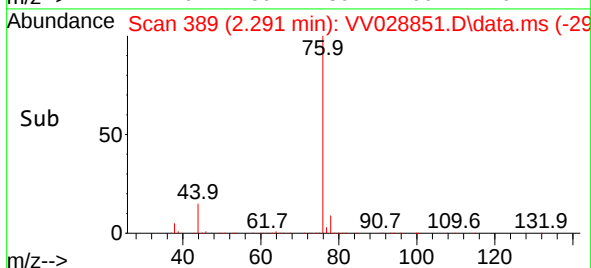
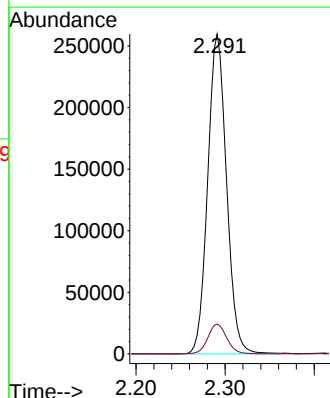
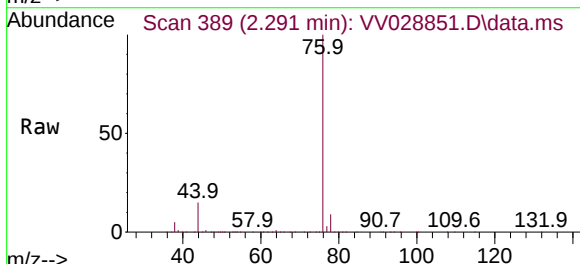
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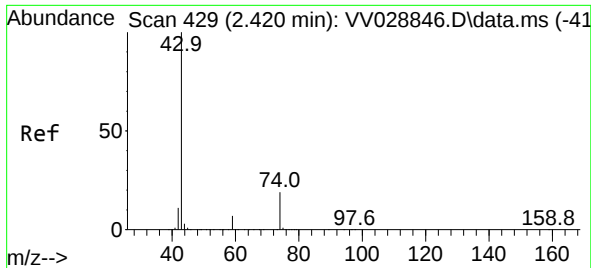
Tgt Ion: 76 Resp: 380747

Ion Ratio Lower Upper

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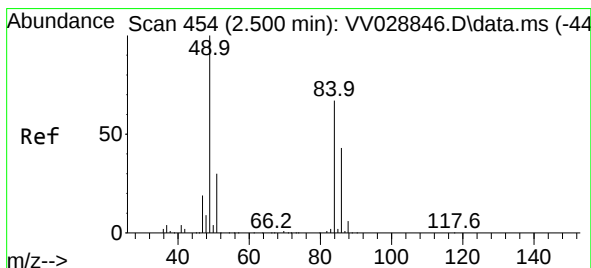
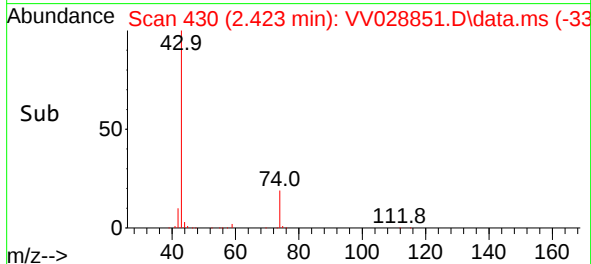
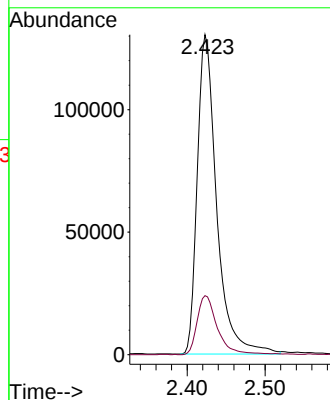
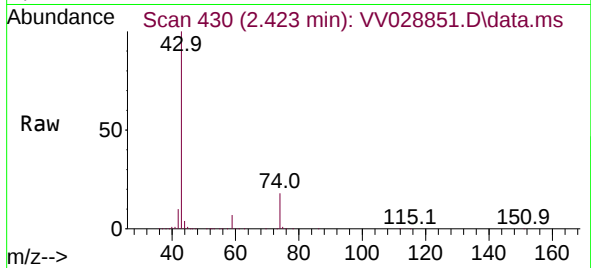




#15
Methyl Acetate
Concen: 45.243 ug/L
RT: 2.423 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

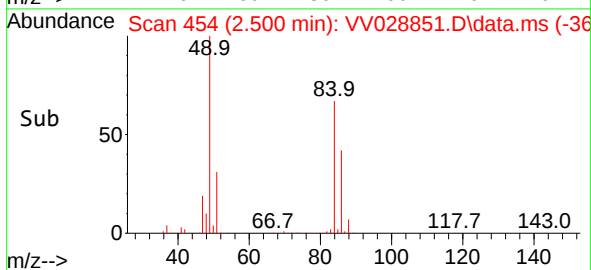
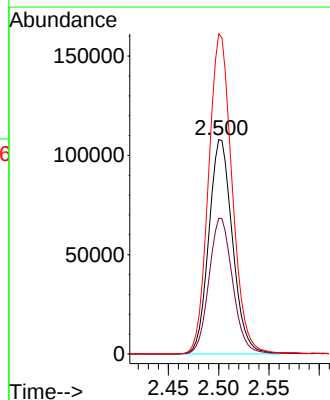
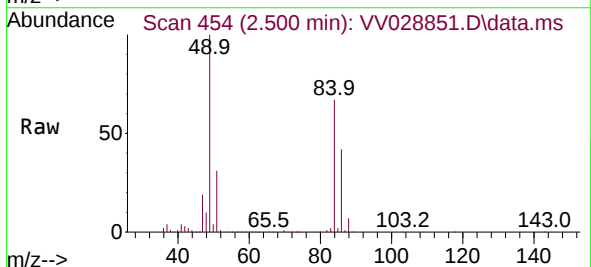
Instrument :
MSVOA_V
ClientSampleId :
VSTD050371

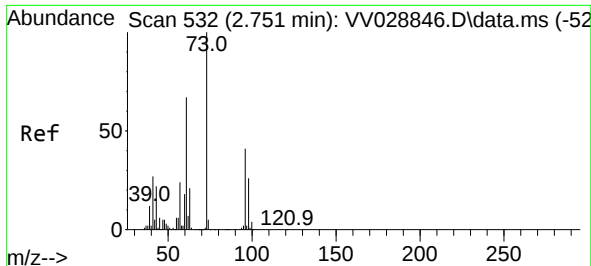
Tgt Ion: 43 Resp: 225590
Ion Ratio Lower Upper
43 100
74 19.3 15.6 23.4



#16
Methylene chloride
Concen: 43.984 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

Tgt Ion: 84 Resp: 176987
Ion Ratio Lower Upper
84 100
86 63.3 43.7 81.1
49 149.3 105.3 195.5

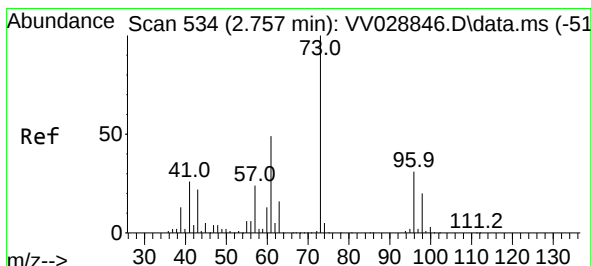
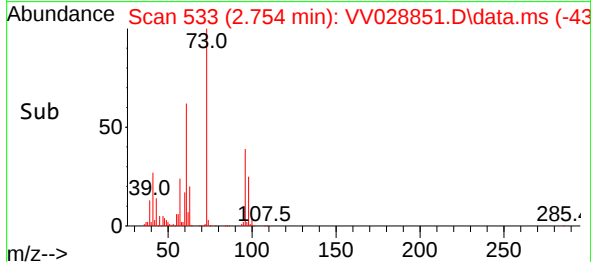
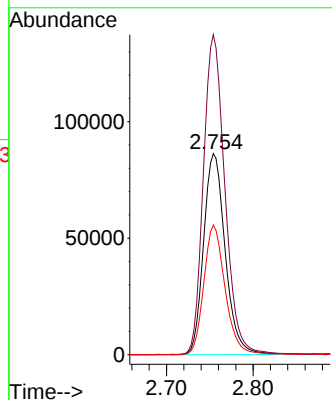
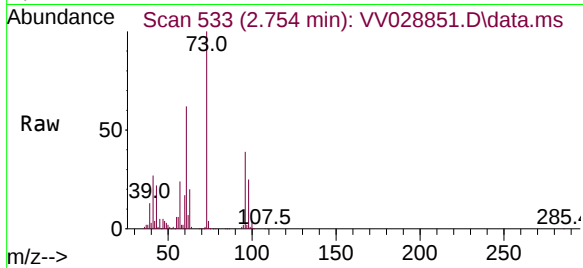




#17
trans-1,2-Dichloroethene
Concen: 46.624 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

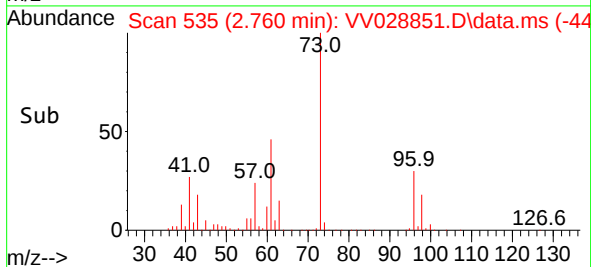
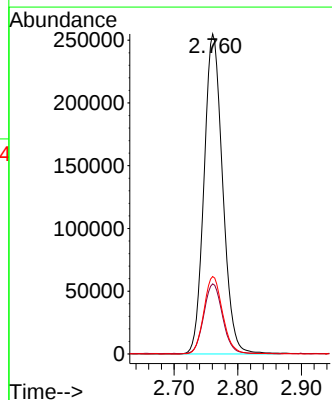
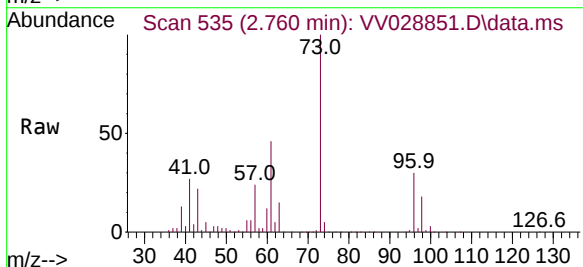
Instrument :
MSVOA_V
ClientSampleId :
VSTD050371

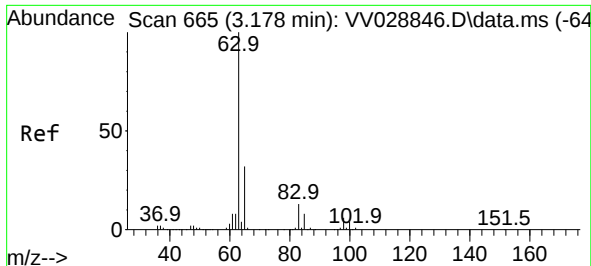
Tgt Ion: 96 Resp: 149565
Ion Ratio Lower Upper
96 100
61 159.1 109.4 203.2
98 64.4 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 46.754 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

Tgt Ion: 73 Resp: 518106
Ion Ratio Lower Upper
73 100
43 22.0 17.1 25.7
57 24.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 47.239 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV028851.D

Acq: 03 Nov 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD050371

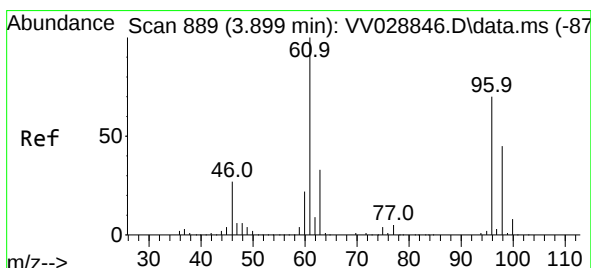
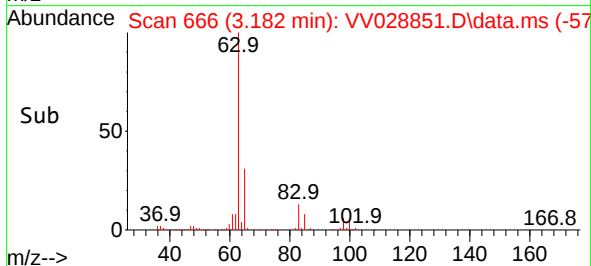
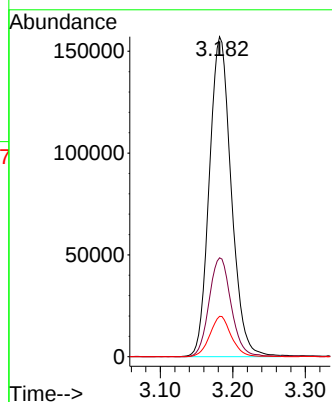
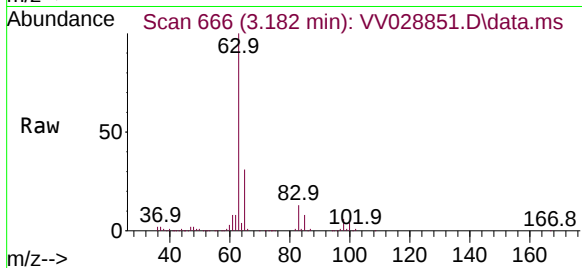
Tgt Ion: 63 Resp: 330182

Ion Ratio Lower Upper

63 100

65 30.9 22.5 41.9

83 12.6 8.5 15.9



#20

cis-1,2-Dichloroethene

Concen: 47.241 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV028851.D

Acq: 03 Nov 2022 16:41

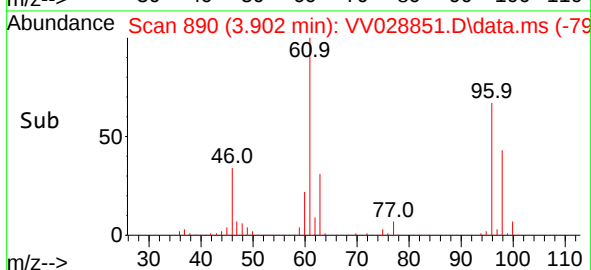
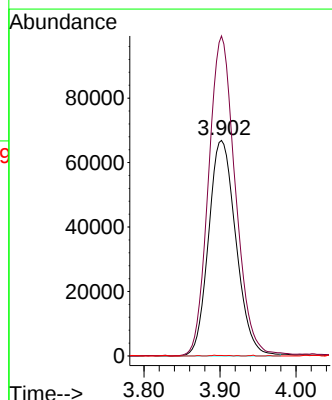
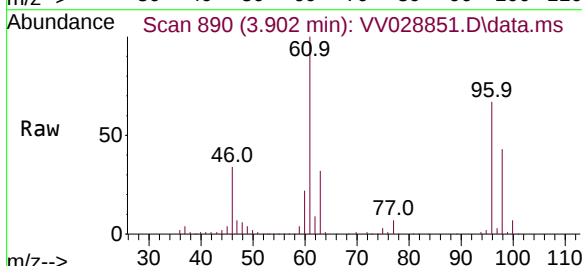
Tgt Ion: 96 Resp: 167208

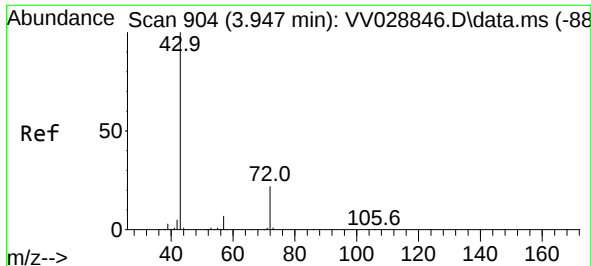
Ion Ratio Lower Upper

96 100

61 148.4 102.3 190.1

68 0.2 0.1 0.3

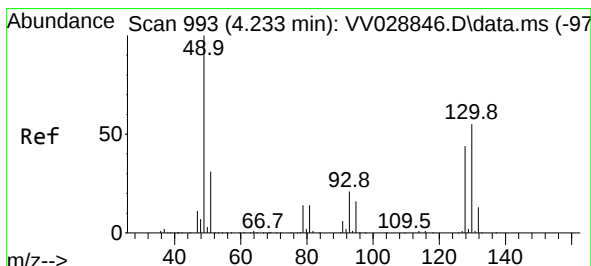
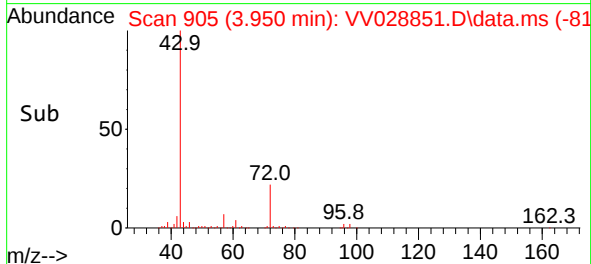
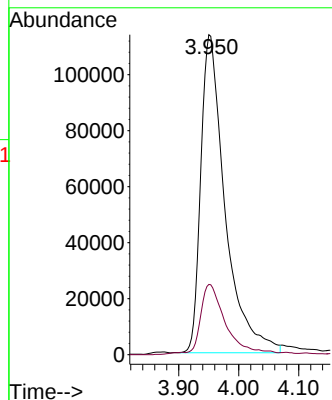
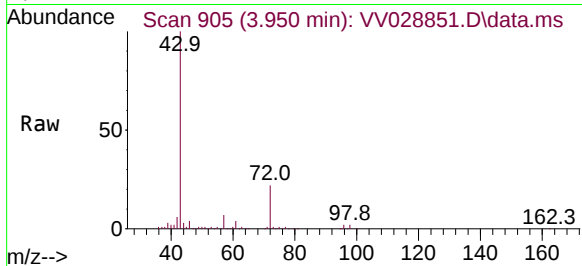




#22
2-Butanone
Concen: 87.708 ug/L
RT: 3.950 min Scan# 904
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

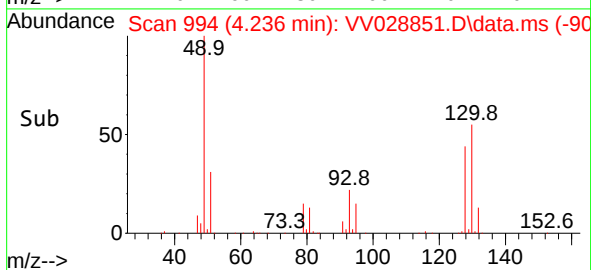
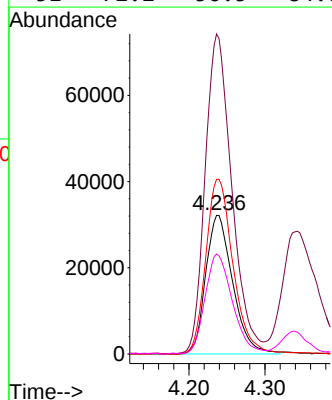
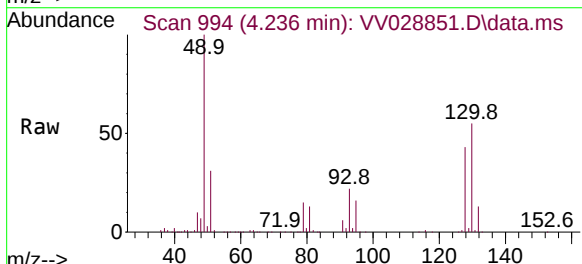
Instrument :
MSVOA_V
ClientSampleId :
VSTD050371

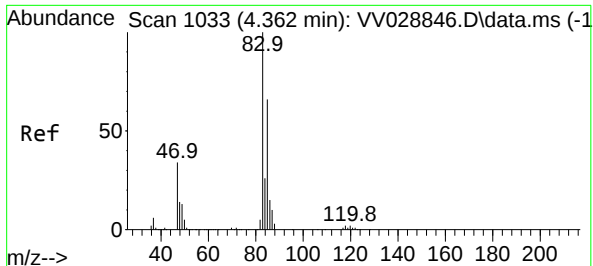
Tgt Ion: 43 Resp: 320112
Ion Ratio Lower Upper
43 100
72 20.4 10.0 30.0



#23
Bromochloromethane
Concen: 46.966 ug/L
RT: 4.236 min Scan# 994
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

Tgt Ion: 128 Resp: 79121
Ion Ratio Lower Upper
128 100
49 230.9 161.8 300.6
130 126.0 89.9 166.9
51 72.2 56.5 84.7

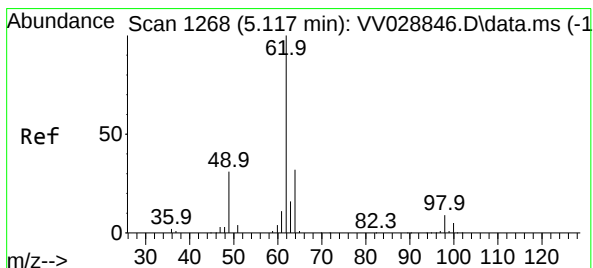
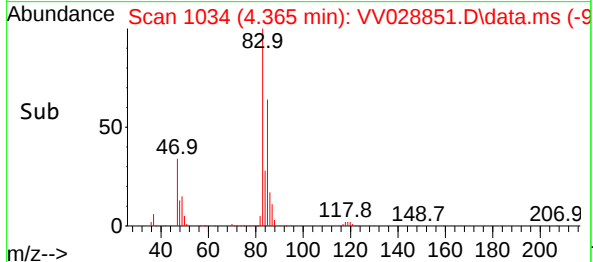
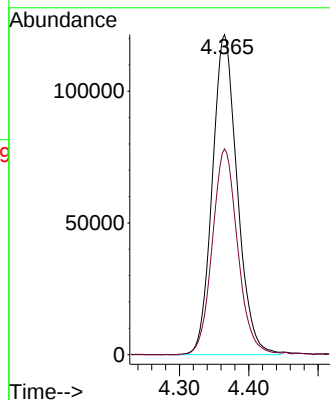
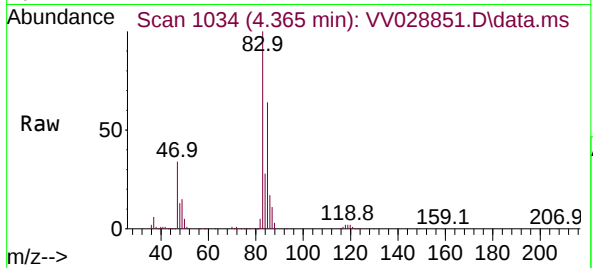




#25
Chloroform
Concen: 46.787 ug/L
RT: 4.365 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

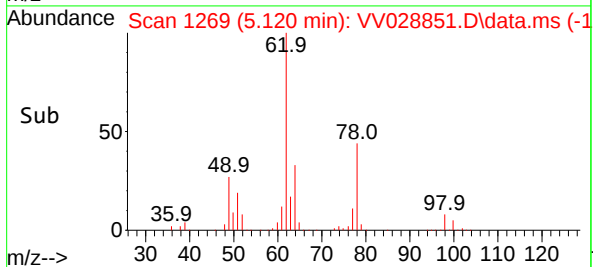
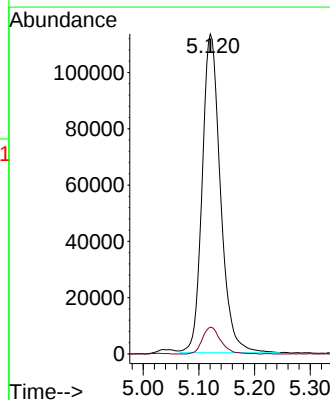
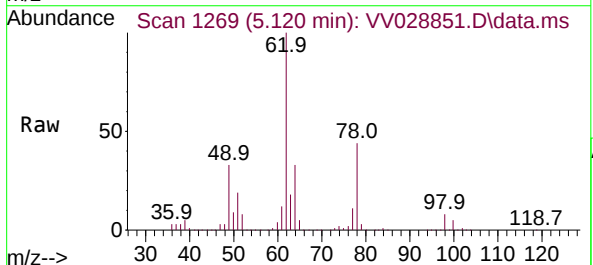
Instrument :
MSVOA_V
ClientSampleId :
VSTD050371

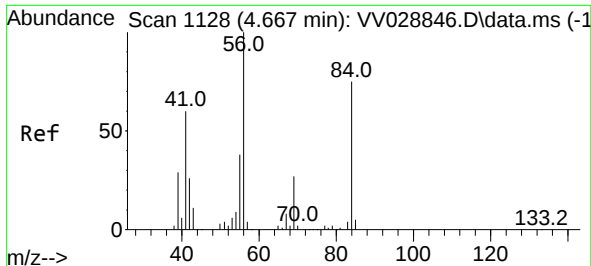
Tgt Ion: 83 Resp: 303785
Ion Ratio Lower Upper
83 100
85 64.3 45.3 84.1



#27
1,2-Dichloroethane
Concen: 48.674 ug/L
RT: 5.120 min Scan# 1269
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

Tgt Ion: 62 Resp: 258093
Ion Ratio Lower Upper
62 100
98 8.3 6.9 10.3

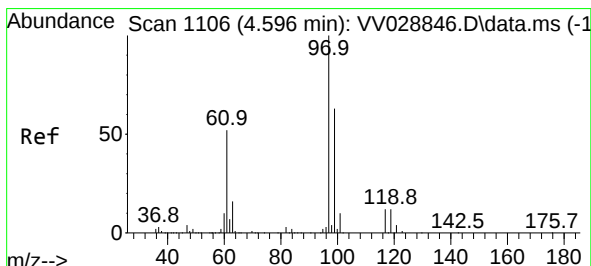
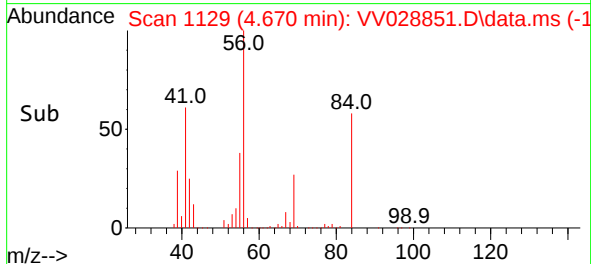
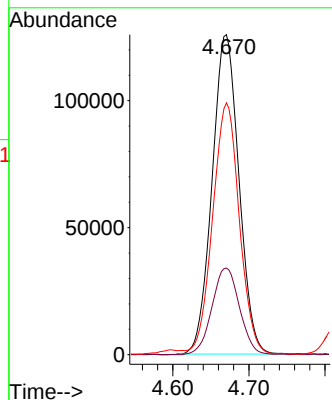
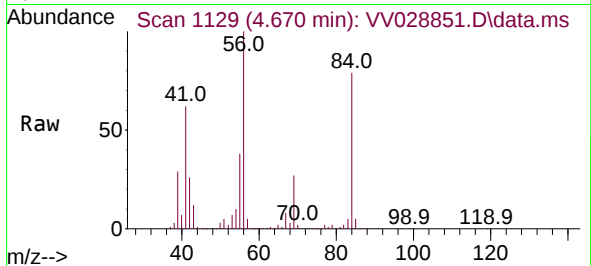




#29
Cyclohexane
Concen: 46.542 ug/L
RT: 4.670 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

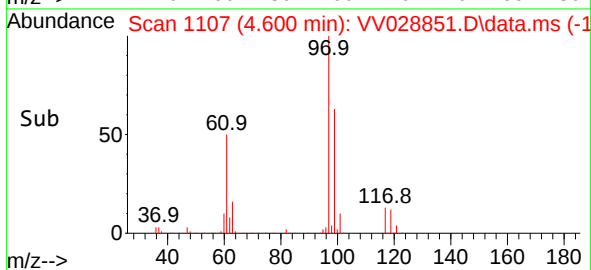
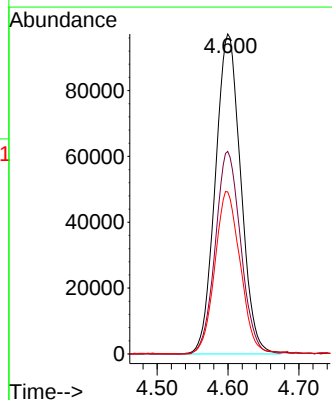
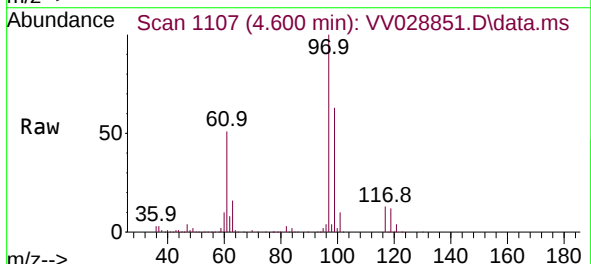
Instrument :
MSVOA_V
ClientSampleId :
VSTD050371

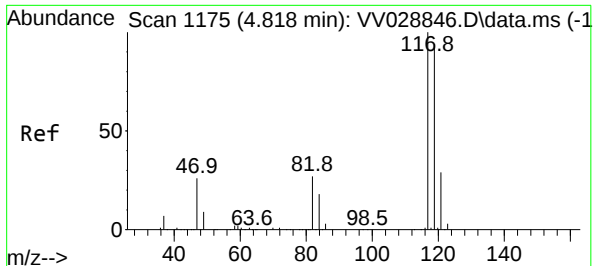
Tgt Ion: 56 Resp: 308394
Ion Ratio Lower Upper
56 100
69 27.8 22.2 33.2
84 78.4 62.3 93.5



#30
1,1,1-Trichloroethane
Concen: 46.283 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

Tgt Ion: 97 Resp: 242264
Ion Ratio Lower Upper
97 100
99 63.2 50.2 75.4
61 51.0 40.2 60.4

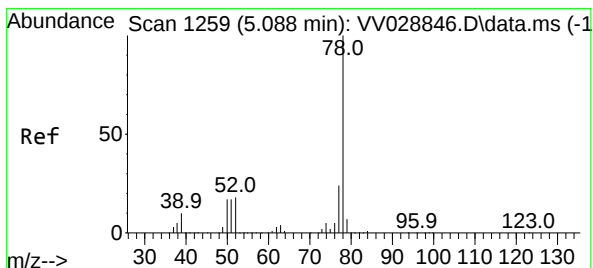
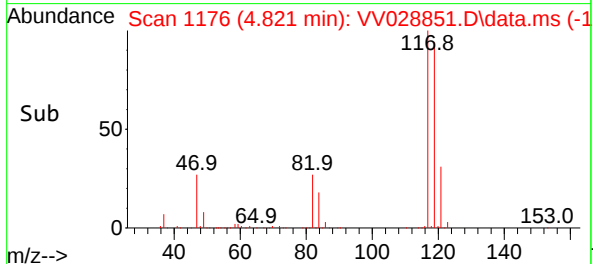
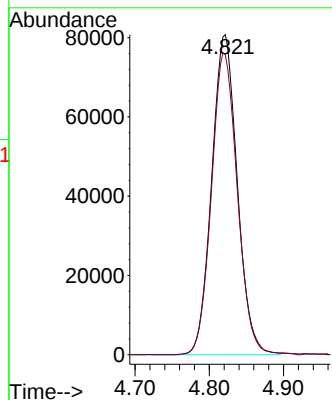
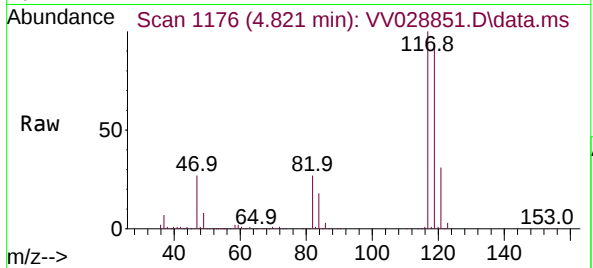




#31
Carbon tetrachloride
Concen: 46.217 ug/L
RT: 4.821 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

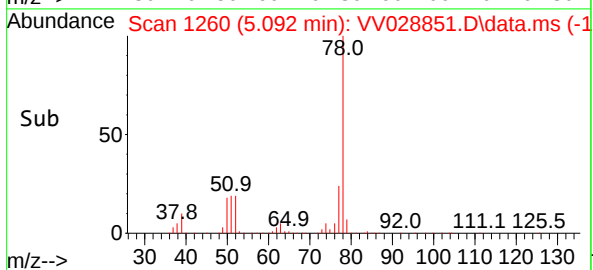
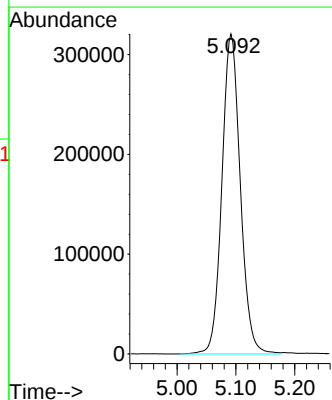
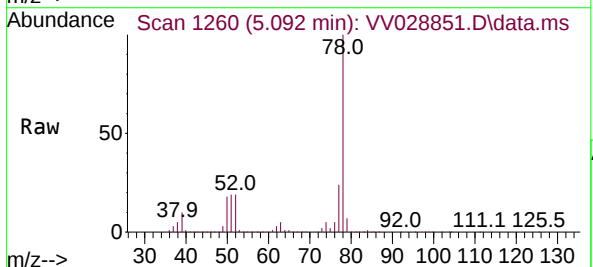
Instrument :
MSVOA_V
ClientSampleId :
VSTD050371

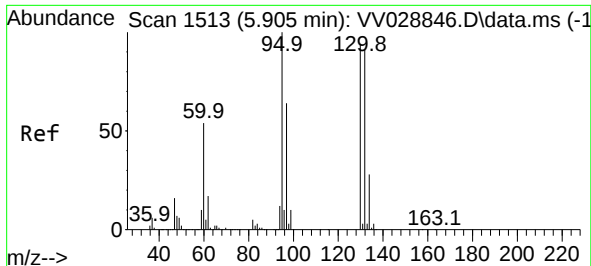
Tgt Ion:117 Resp: 193283
Ion Ratio Lower Upper
117 100
119 95.3 76.1 114.1



#33
Benzene
Concen: 47.619 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

Tgt Ion: 78 Resp: 696163

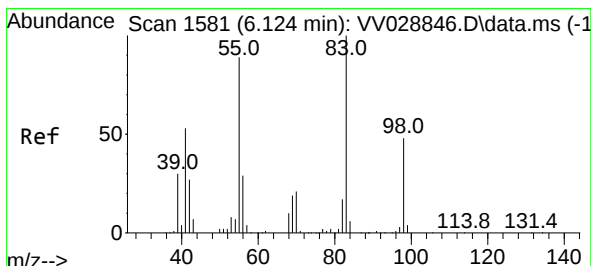
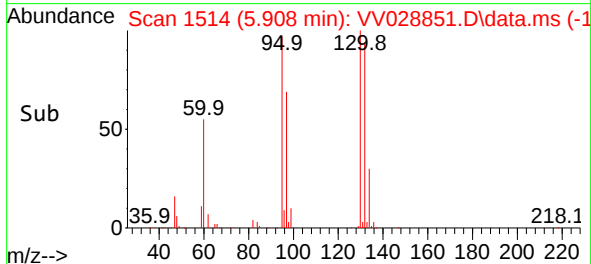
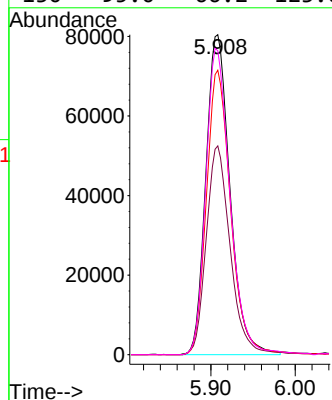
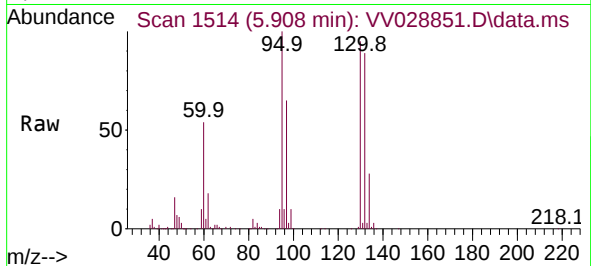




#34
Trichloroethene
Concen: 47.026 ug/L
RT: 5.908 min Scan# 1513
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

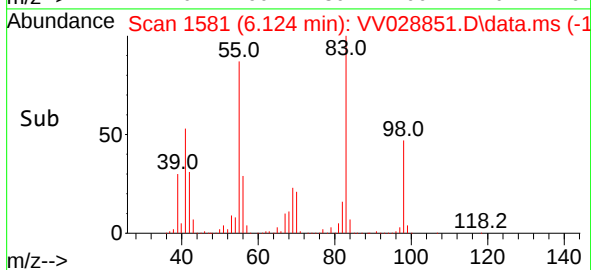
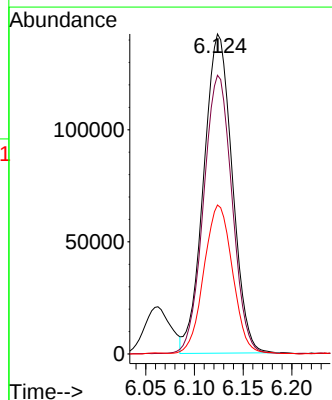
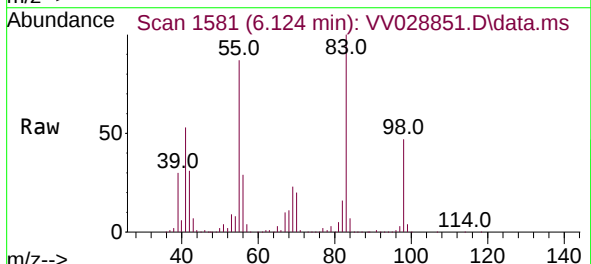
Instrument :
MSVOA_V
ClientSampleId :
VSTD050371

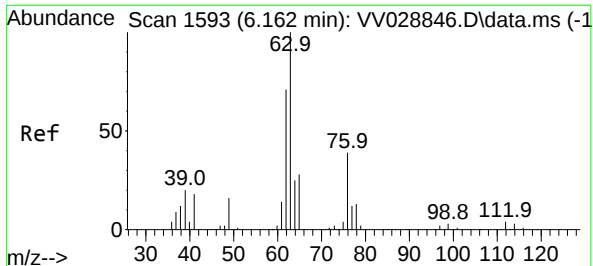
Tgt Ion: 95 Resp: 160773
Ion Ratio Lower Upper
95 100
97 65.2 46.2 85.8
132 88.9 63.2 117.4
130 95.0 66.2 123.0



#35
Methylcyclohexane
Concen: 47.970 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

Tgt Ion: 83 Resp: 290880
Ion Ratio Lower Upper
83 100
55 87.2 69.4 104.2
98 46.9 37.0 55.4





#37

1,2-Dichloropropane

Concen: 48.809 ug/L

RT: 6.165 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028851.D

Acq: 03 Nov 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

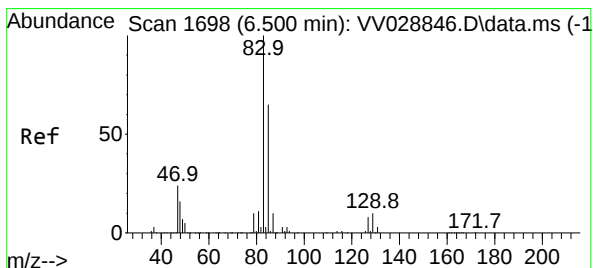
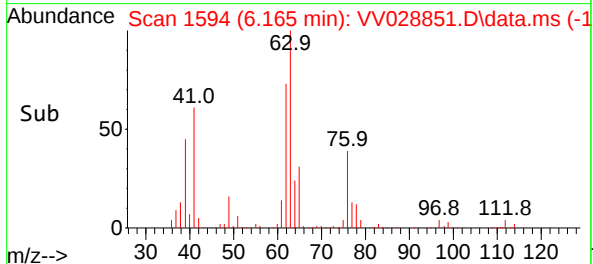
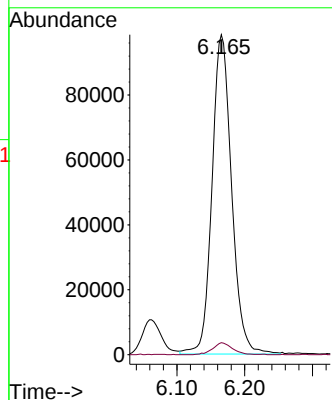
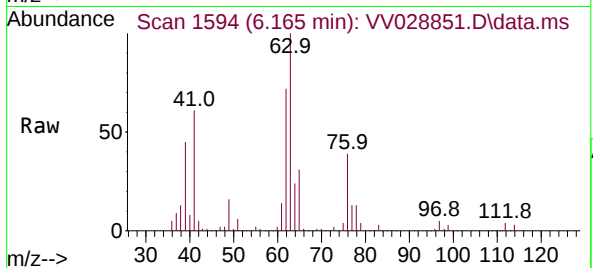
VSTD050371

Tgt Ion: 63 Resp: 197428

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.6



#38

Bromodichloromethane

Concen: 46.241 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VV028851.D

Acq: 03 Nov 2022 16:41

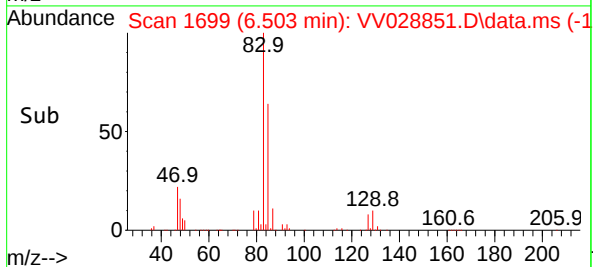
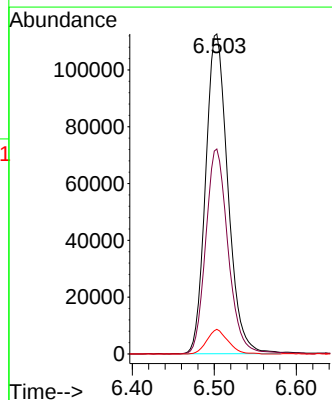
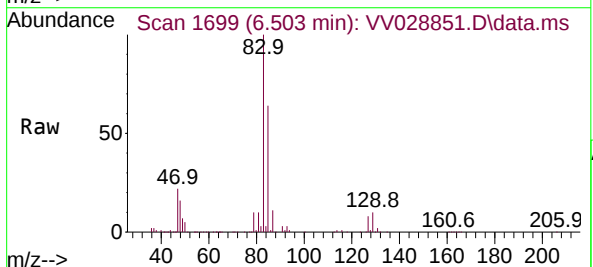
Tgt Ion: 83 Resp: 212493

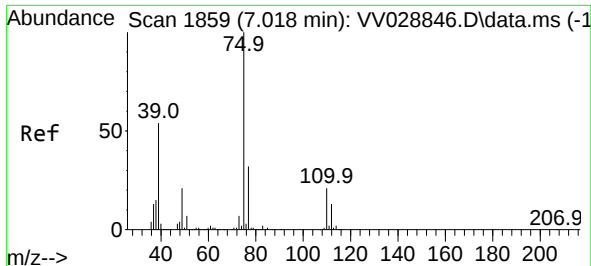
Ion Ratio Lower Upper

83 100

85 64.0 44.3 82.3

127 7.7 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 46.793 ug/L

RT: 7.021 min Scan# 1859

Delta R.T. 0.003 min

Lab File: VV028851.D

Acq: 03 Nov 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

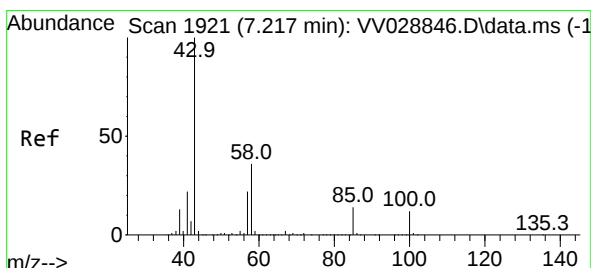
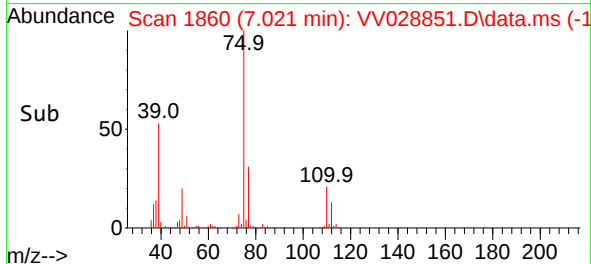
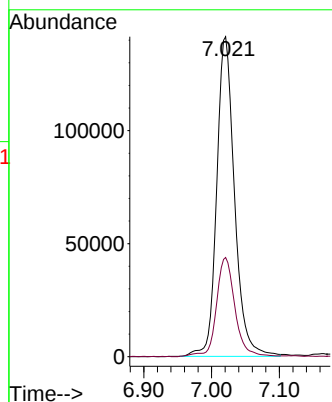
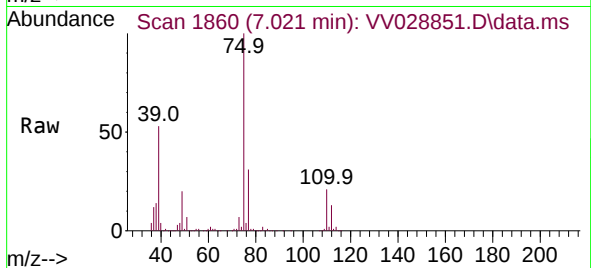
VSTD050371

Tgt Ion: 75 Resp: 258488

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 90.706 ug/L

RT: 7.217 min Scan# 1921

Delta R.T. 0.000 min

Lab File: VV028851.D

Acq: 03 Nov 2022 16:41

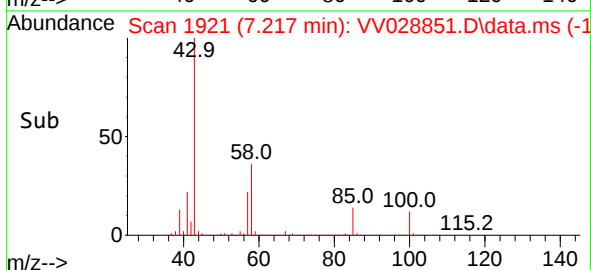
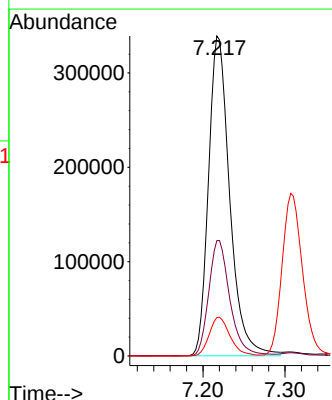
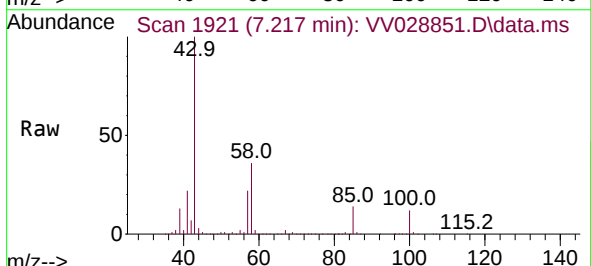
Tgt Ion: 43 Resp: 610191

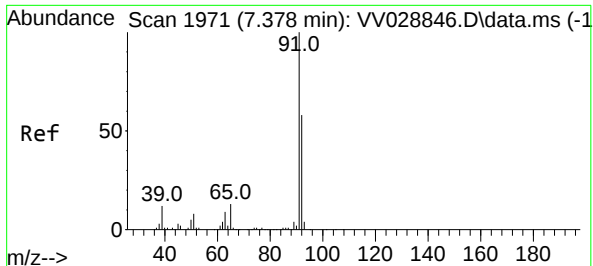
Ion Ratio Lower Upper

43 100

58 36.1 29.1 43.7

100 11.9 9.5 14.3

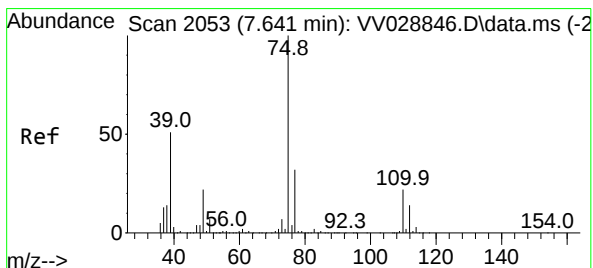
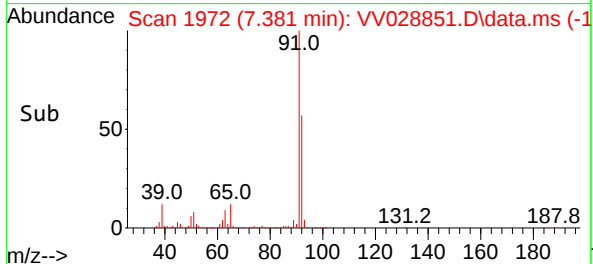
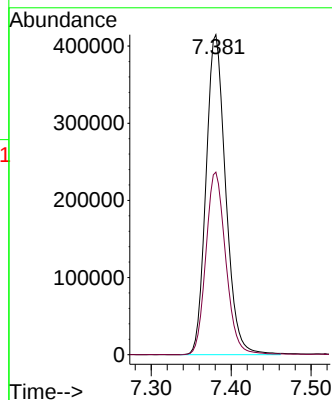
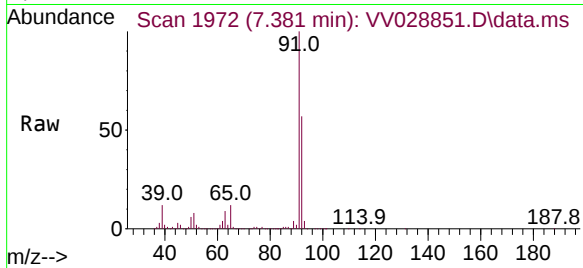




#42
Toluene
Concen: 47.568 ug/L
RT: 7.381 min Scan# 1971
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

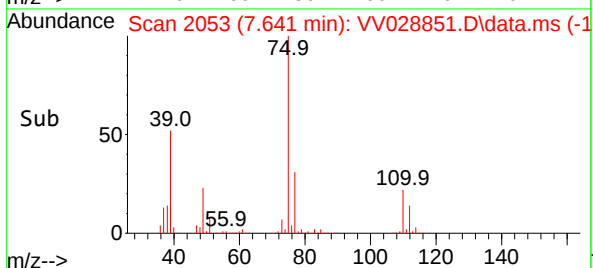
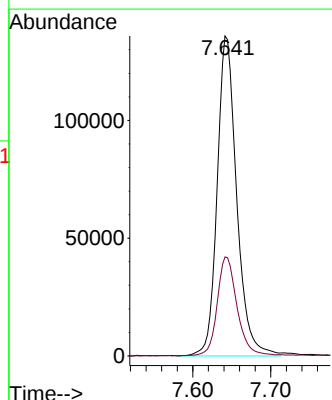
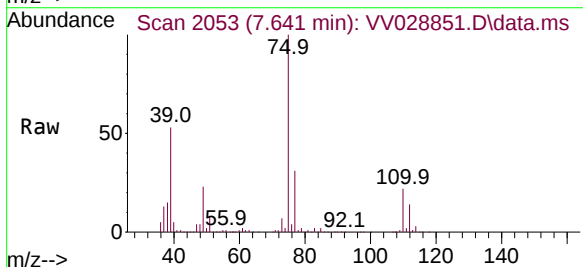
Instrument :
MSVOA_V
ClientSampleId :
VSTD050371

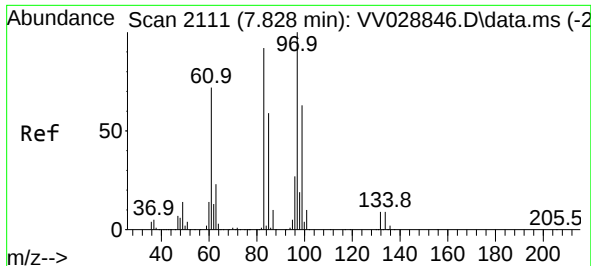
Tgt Ion: 91 Resp: 709056
Ion Ratio Lower Upper
91 100
92 57.1 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 46.302 ug/L
RT: 7.641 min Scan# 2053
Delta R.T. 0.000 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

Tgt Ion: 75 Resp: 236527
Ion Ratio Lower Upper
75 100
77 31.0 22.0 41.0



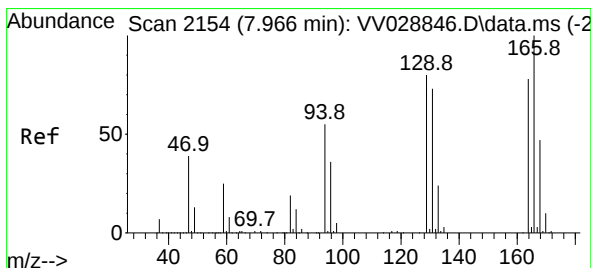
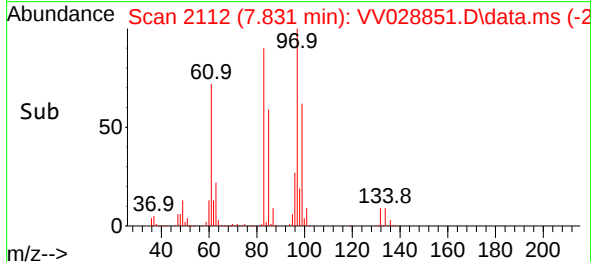
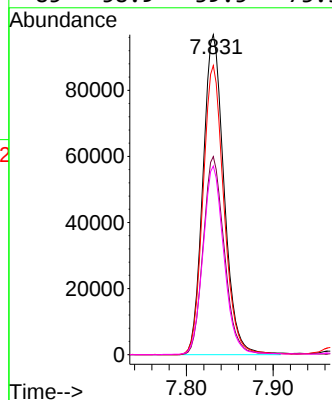
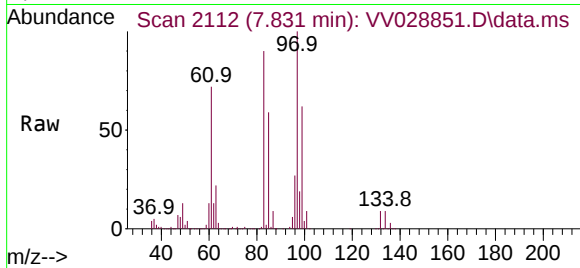


#45
1,1,2-Trichloroethane
Concen: 47.233 ug/L
RT: 7.831 min Scan# 2111
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

Instrument :
MSVOA_V
ClientSampleId :
VSTD050371

Tgt Ion: 97 Resp: 163906

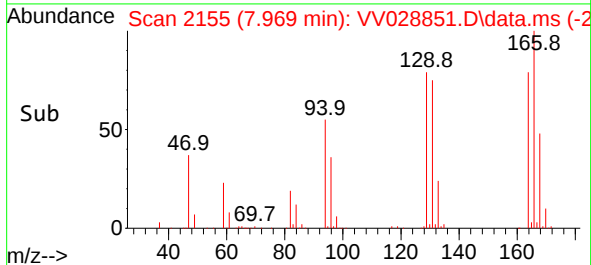
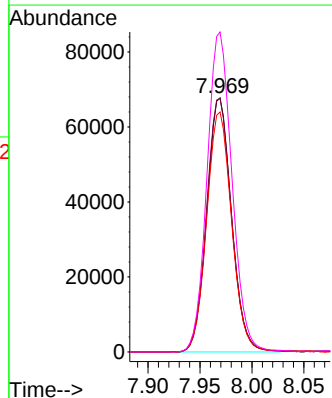
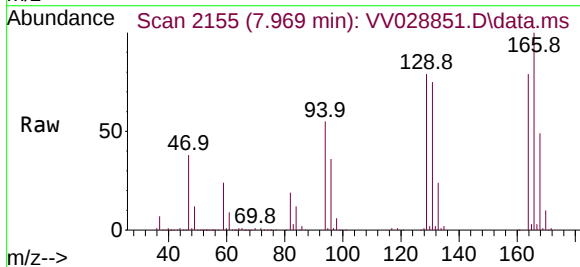
Ion	Ratio	Lower	Upper
97	100		
99	61.9	42.9	79.7
83	90.3	62.7	116.5
85	58.9	39.5	73.3

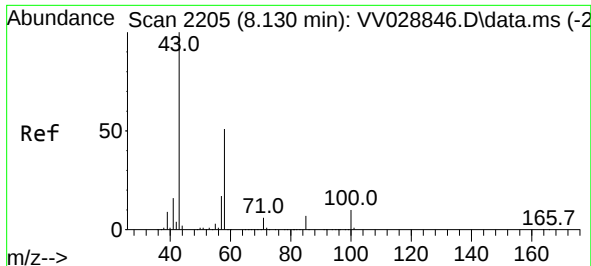


#46
Tetrachloroethene
Concen: 47.332 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

Tgt Ion: 164 Resp: 112153

Ion	Ratio	Lower	Upper
164	100		
129	99.8	69.5	129.1
131	94.5	66.4	123.2
166	126.0	88.5	164.3

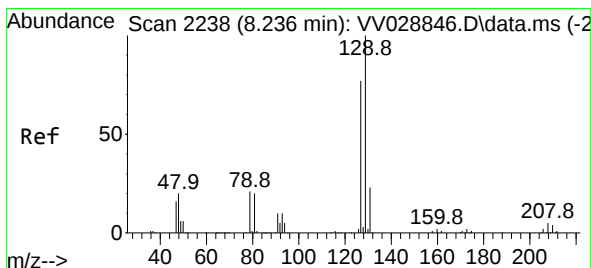
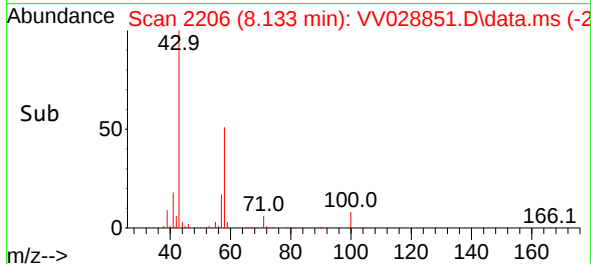
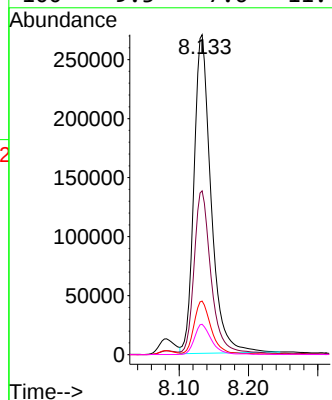
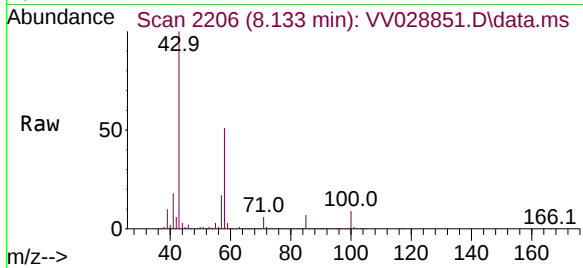




#48
2-Hexanone
Concen: 90.416 ug/L
RT: 8.133 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

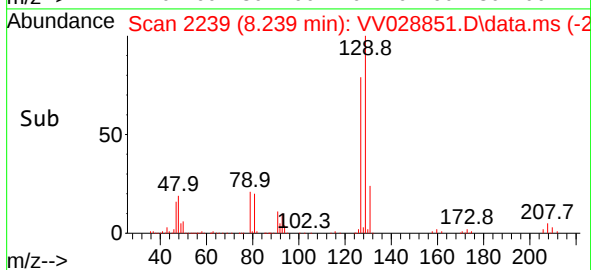
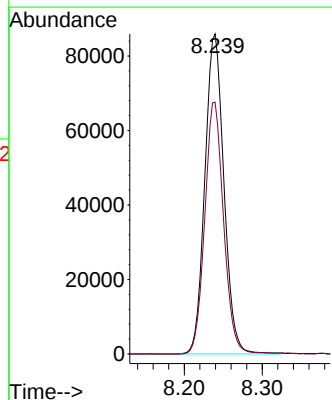
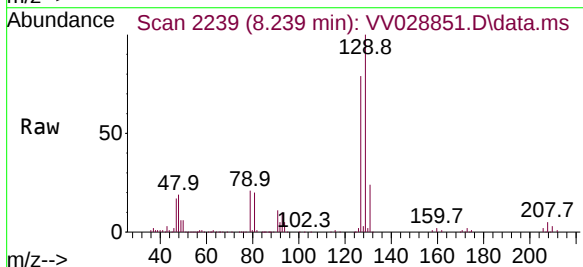
Instrument :
MSVOA_V
ClientSampleId :
VSTD050371

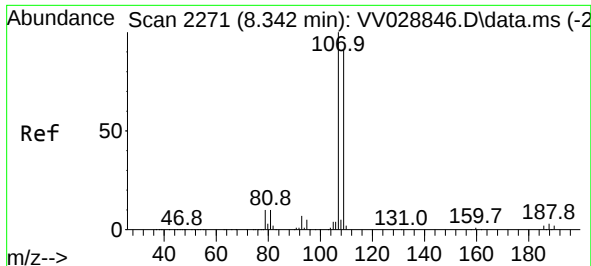
Tgt Ion: 43 Resp: 463238
Ion Ratio Lower Upper
43 100
58 51.5 41.4 62.0
57 16.2 13.8 20.6
100 9.3 7.6 11.4



#49
Dibromochloromethane
Concen: 45.328 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

Tgt Ion: 129 Resp: 145607
Ion Ratio Lower Upper
129 100
127 78.7 55.3 102.7





#50

1,2-Dibromoethane

Concen: 46.618 ug/L

RT: 8.345 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV028851.D

Acq: 03 Nov 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD050371

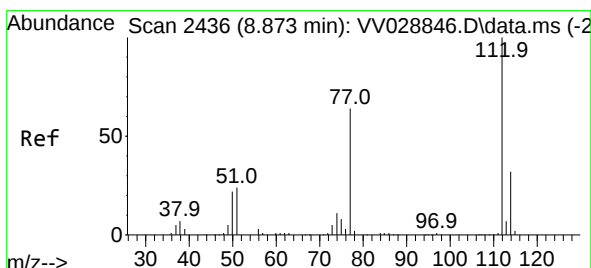
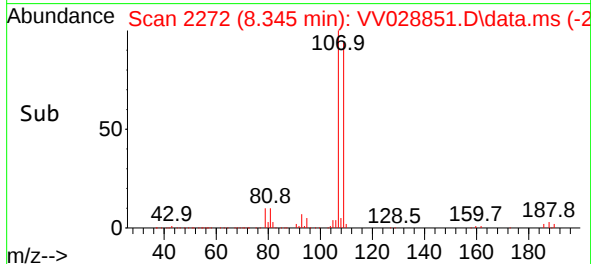
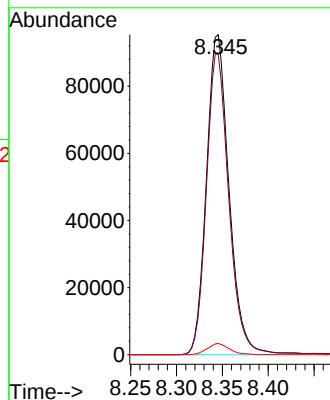
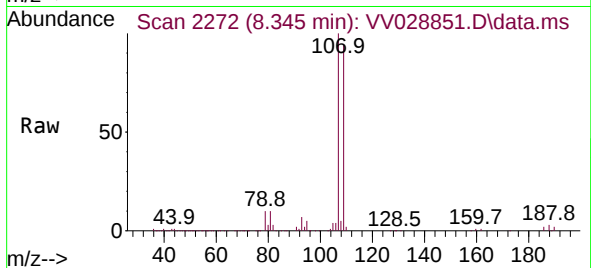
Tgt Ion:107 Resp: 162999

Ion Ratio Lower Upper

107 100

109 93.8 65.2 121.0

188 3.6 2.6 4.0



#51

Chlorobenzene

Concen: 46.458 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.000 min

Lab File: VV028851.D

Acq: 03 Nov 2022 16:41

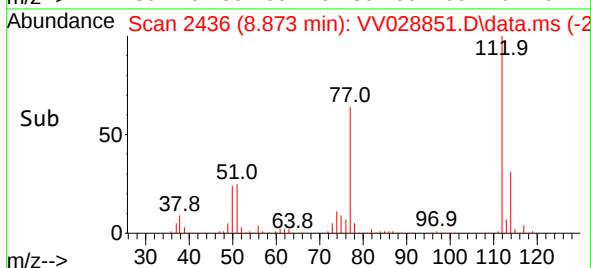
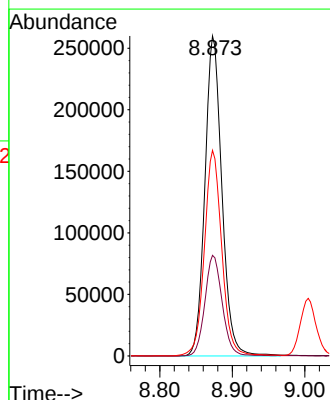
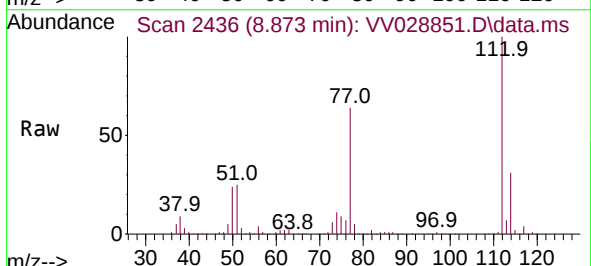
Tgt Ion:112 Resp: 424050

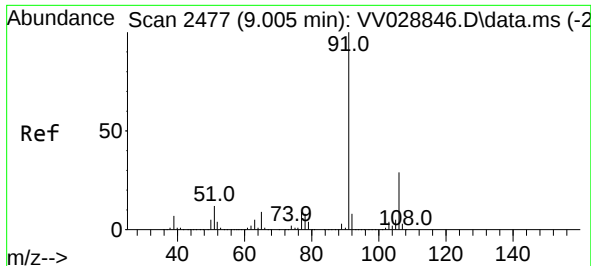
Ion Ratio Lower Upper

112 100

114 31.4 22.3 41.5

77 64.2 50.6 75.8

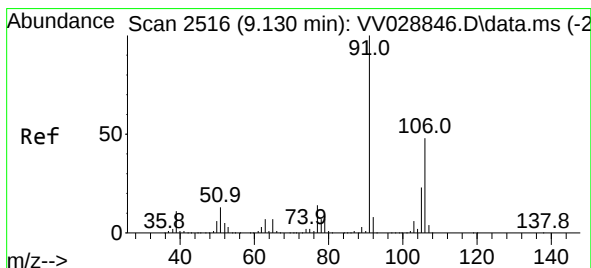
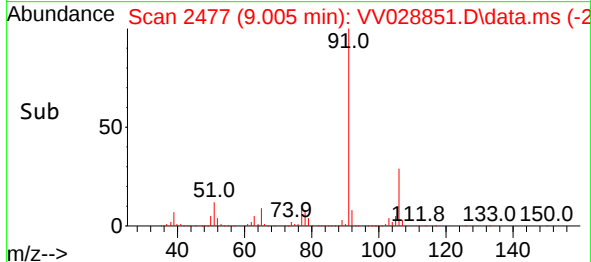
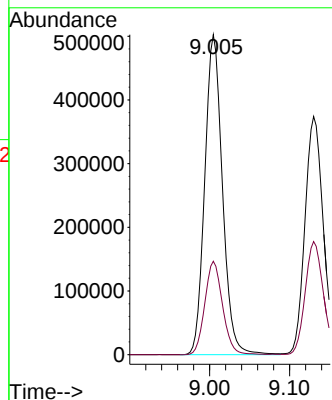
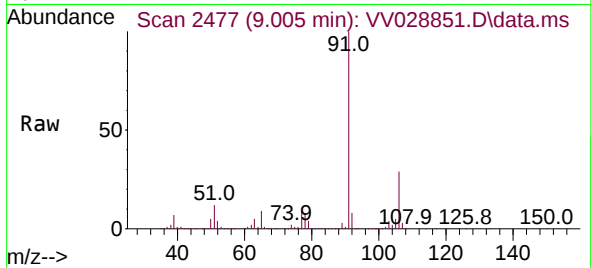




#52
Ethylbenzene
Concen: 48.266 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

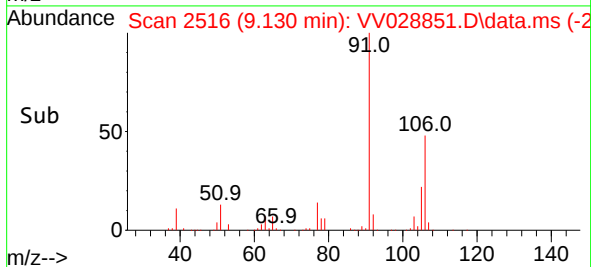
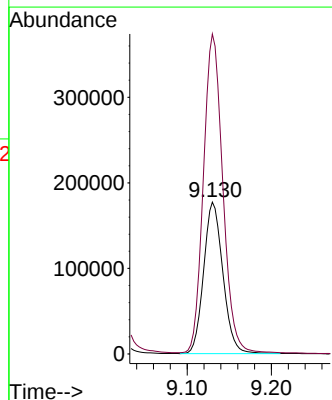
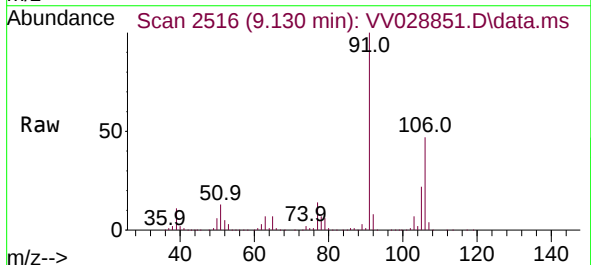
Instrument :
MSVOA_V
ClientSampleId :
VSTD050371

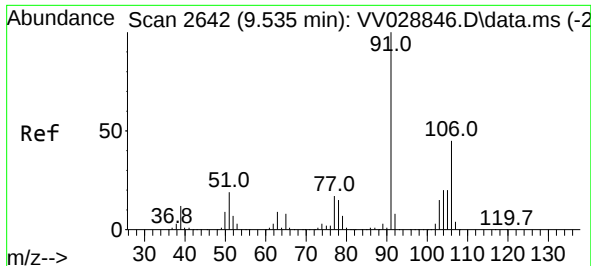
Tgt Ion: 91 Resp: 773969
Ion Ratio Lower Upper
91 100
106 29.2 20.4 38.0



#53
m,p-Xylene
Concen: 48.118 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

Tgt Ion: 106 Resp: 281421
Ion Ratio Lower Upper
106 100
91 210.7 146.2 271.6

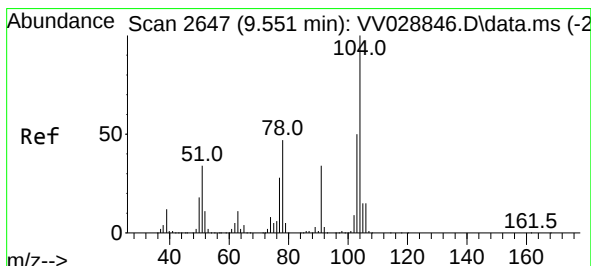
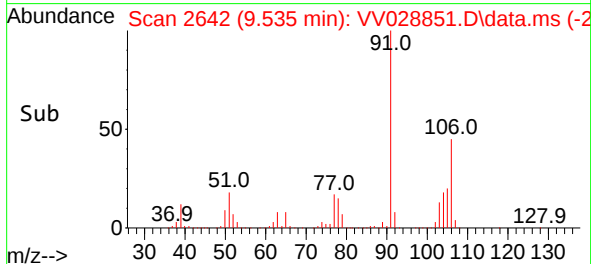
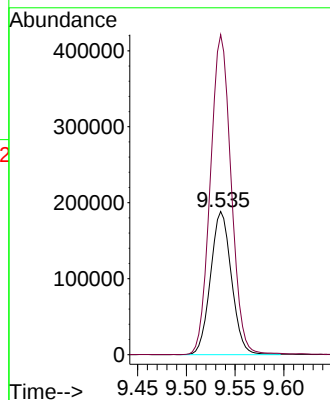
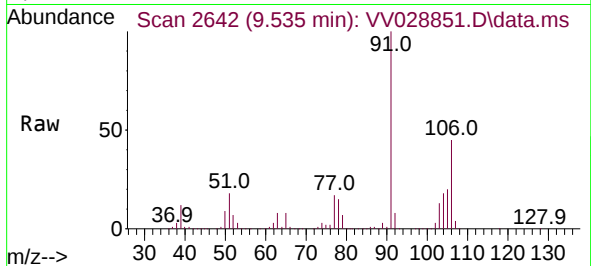




#54
o-Xylene
Concen: 48.295 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

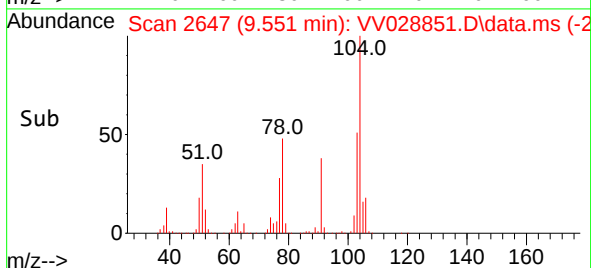
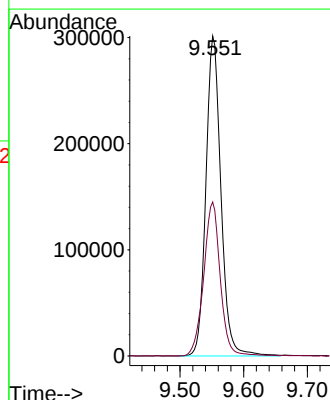
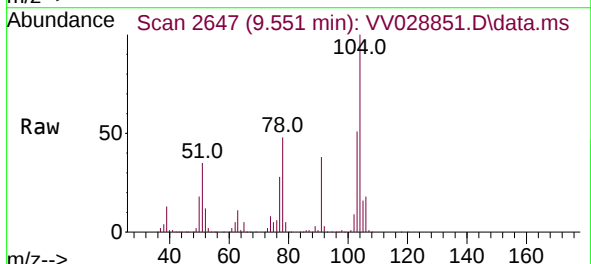
Instrument :
MSVOA_V
ClientSampleId :
VSTD050371

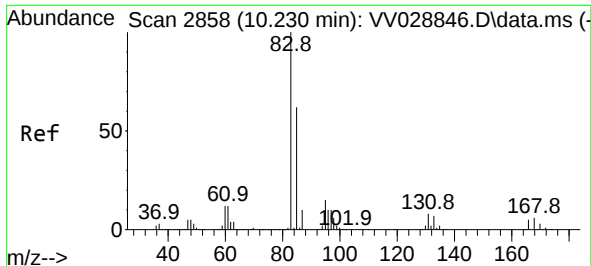
Tgt Ion:106 Resp: 281993
Ion Ratio Lower Upper
106 100
91 223.5 158.1 293.7



#55
Styrene
Concen: 49.450 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

Tgt Ion:104 Resp: 495151
Ion Ratio Lower Upper
104 100
78 48.1 31.9 59.3

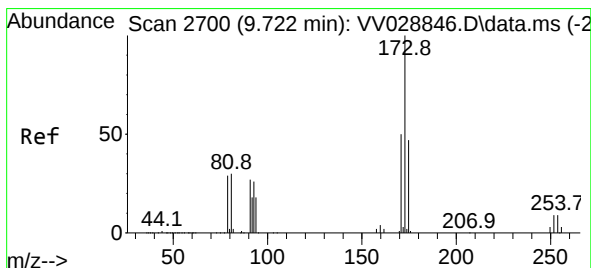
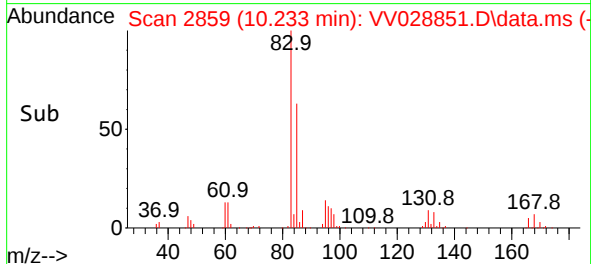
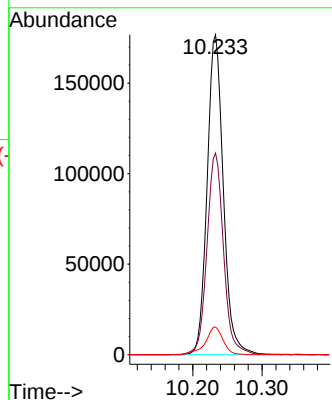
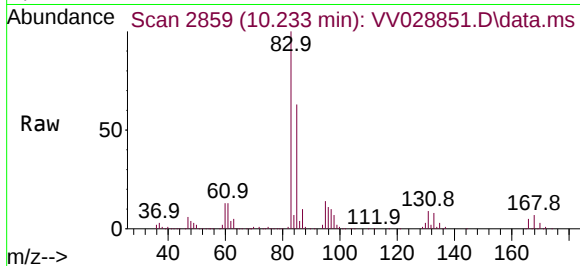




#57
1,1,2,2-Tetrachloroethane
Concen: 46.693 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

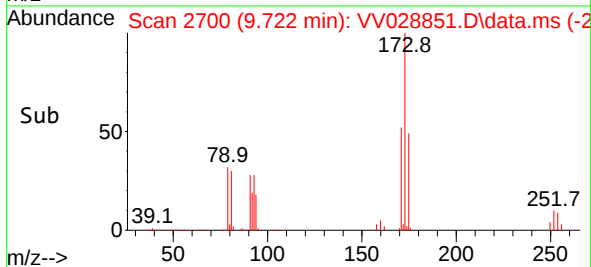
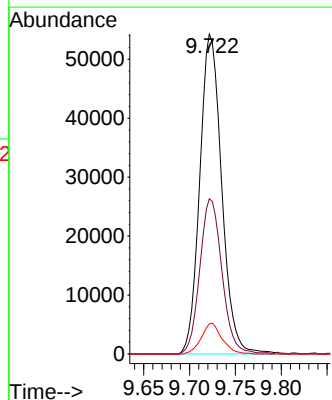
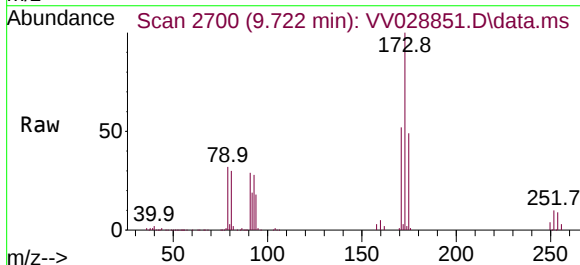
Instrument :
MSVOA_V
ClientSampleId :
VSTD050371

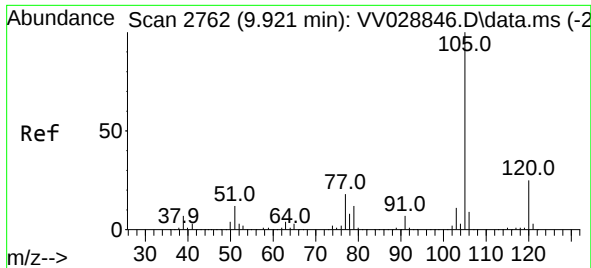
Tgt Ion: 83 Resp: 285984
Ion Ratio Lower Upper
83 100
85 63.0 44.4 82.4
131 8.6 6.5 9.7



#59
Bromoform
Concen: 43.052 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. 0.000 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

Tgt Ion: 173 Resp: 90302
Ion Ratio Lower Upper
173 100
175 48.8 38.7 58.1
254 9.1 7.2 10.8

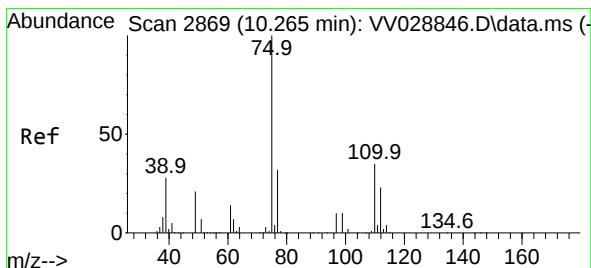
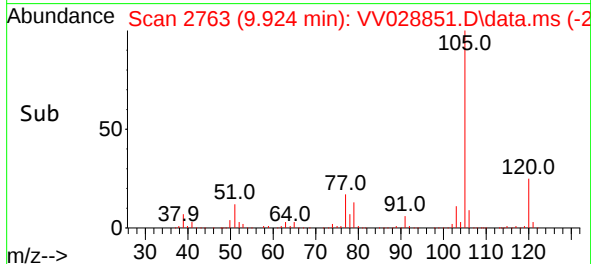
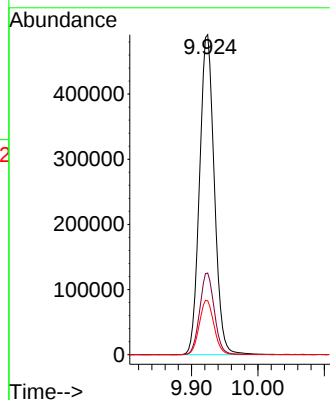
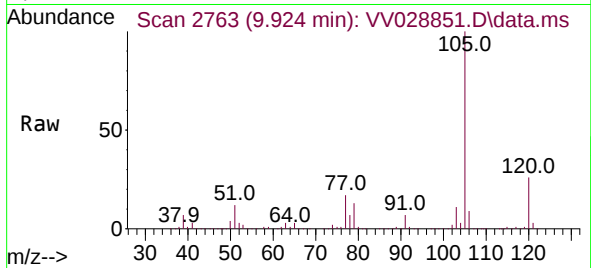




#60
Isopropylbenzene
Concen: 47.291 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

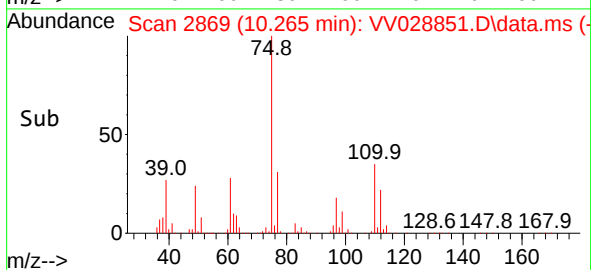
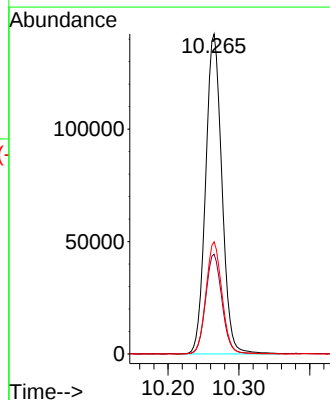
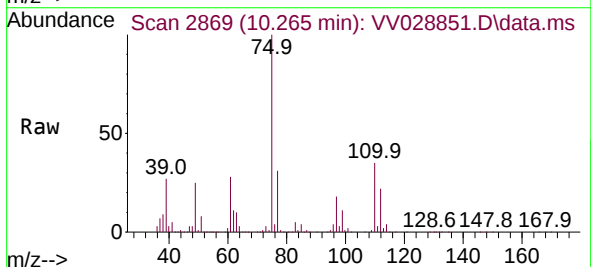
Instrument :
MSVOA_V
ClientSampleId :
VSTD050371

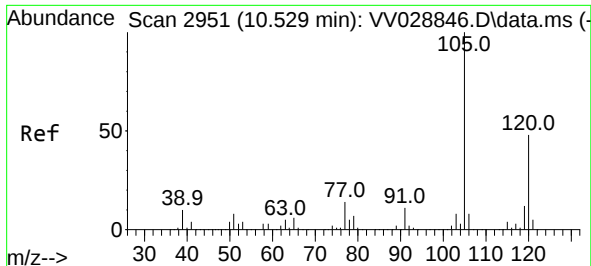
Tgt Ion:105 Resp: 759284
Ion Ratio Lower Upper
105 100
120 25.3 20.5 30.7
77 17.0 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 45.276 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.000 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

Tgt Ion: 75 Resp: 227325
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4
110 34.3 28.2 42.2





#62

1,3,5-Trimethylbenzene

Concen: 47.505 ug/L

RT: 10.532 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VV028851.D

Acq: 03 Nov 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

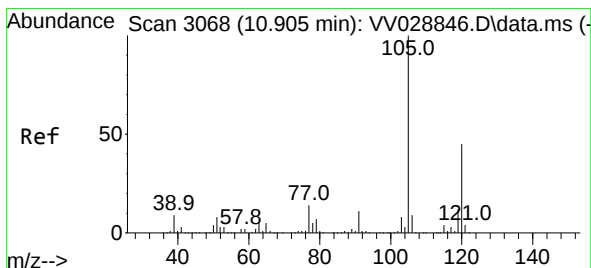
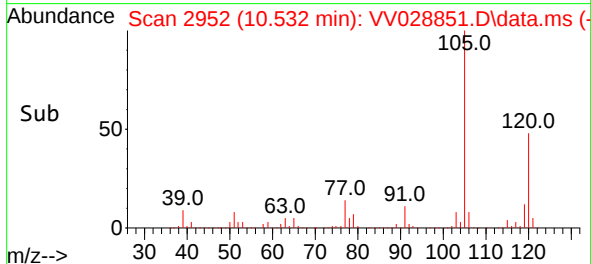
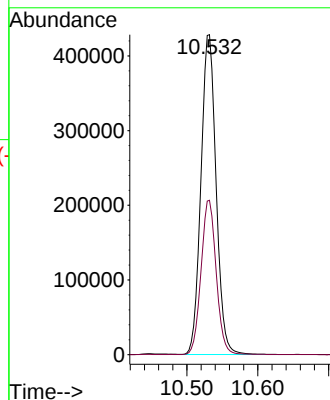
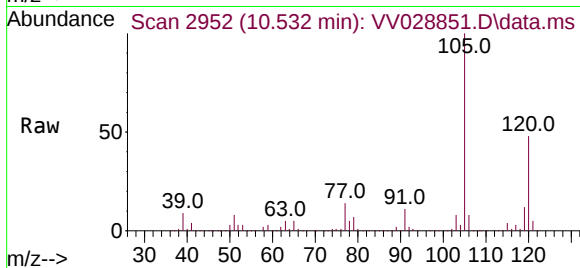
VSTD050371

Tgt Ion:105 Resp: 636758

Ion Ratio Lower Upper

105 100

120 48.1 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 46.994 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV028851.D

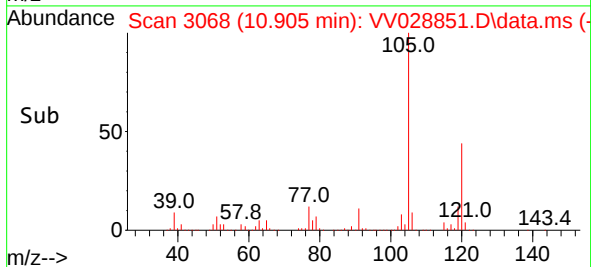
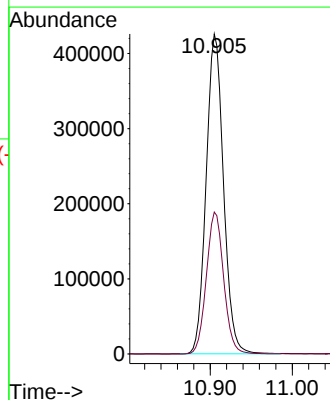
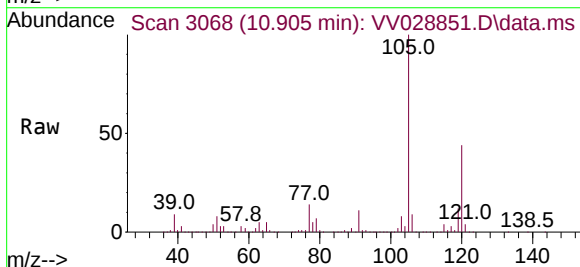
Acq: 03 Nov 2022 16:41

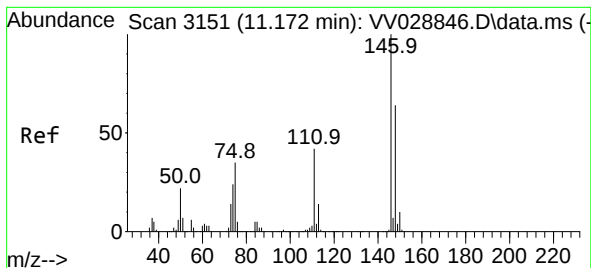
Tgt Ion:105 Resp: 626653

Ion Ratio Lower Upper

105 100

120 44.3 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 46.274 ug/L

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV028851.D

Acq: 03 Nov 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD050371

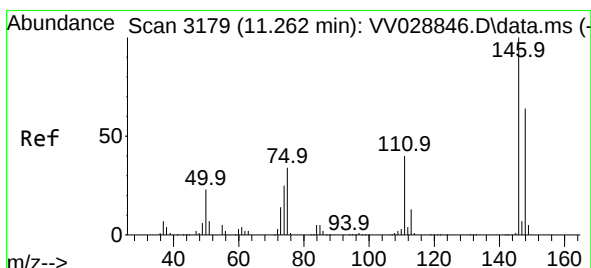
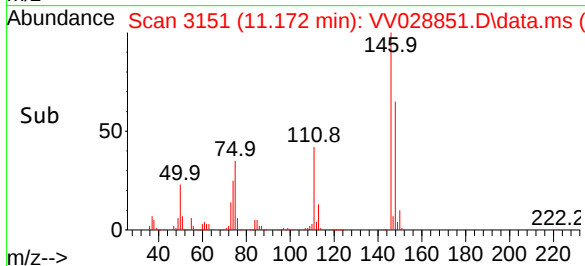
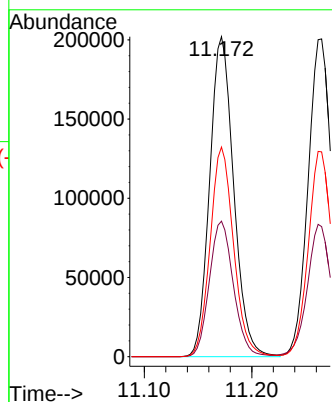
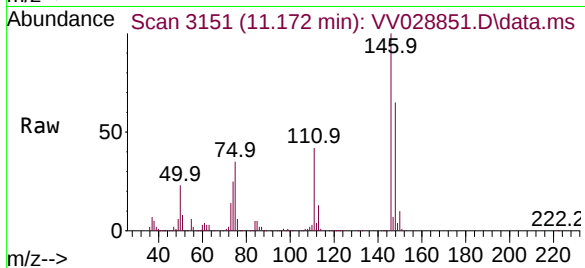
Tgt Ion:146 Resp: 313420

Ion Ratio Lower Upper

146 100

111 42.3 29.6 55.0

148 65.5 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 46.004 ug/L

RT: 11.265 min Scan# 3180

Delta R.T. 0.003 min

Lab File: VV028851.D

Acq: 03 Nov 2022 16:41

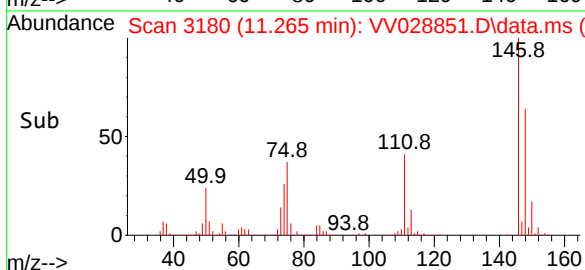
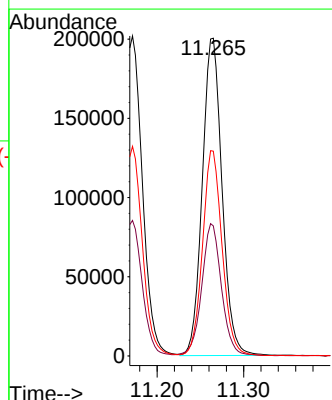
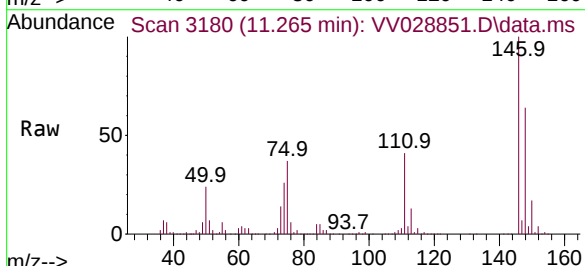
Tgt Ion:146 Resp: 317480

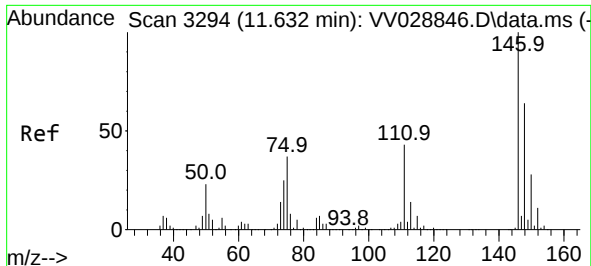
Ion Ratio Lower Upper

146 100

111 40.9 28.7 53.3

148 64.4 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 46.073 ug/L

RT: 11.635 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV028851.D

Acq: 03 Nov 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD050371

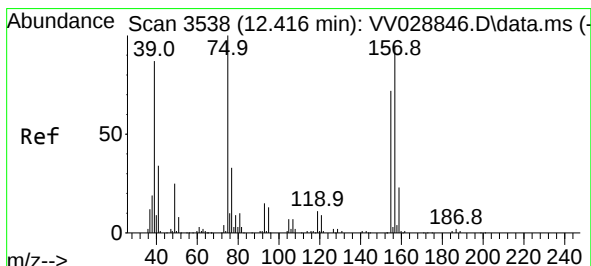
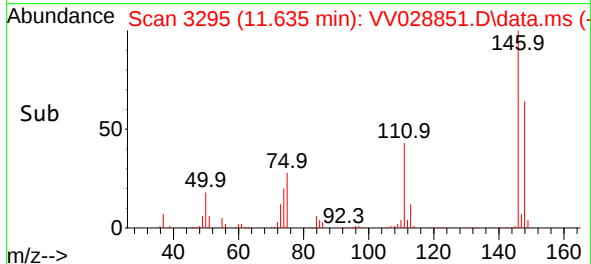
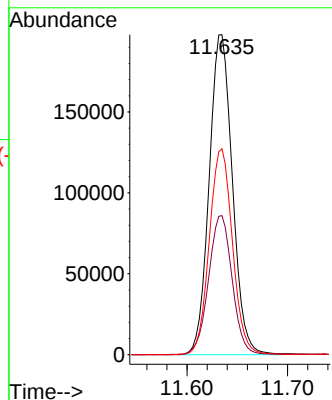
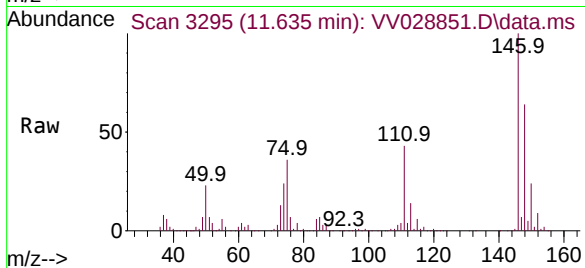
Tgt Ion:146 Resp: 317456

Ion Ratio Lower Upper

146 100

111 43.4 34.2 51.2

148 64.4 49.5 74.3



#68

1,2-Dibromo-3-chloropropane

Concen: 38.691 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. 0.003 min

Lab File: VV028851.D

Acq: 03 Nov 2022 16:41

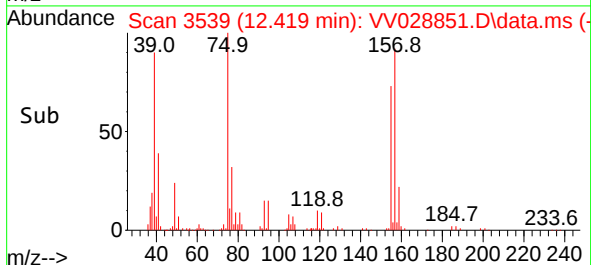
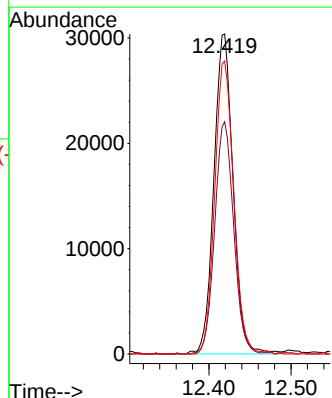
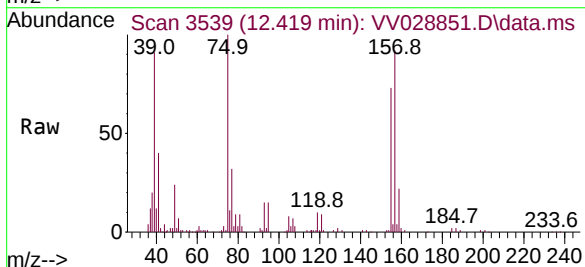
Tgt Ion: 75 Resp: 49491

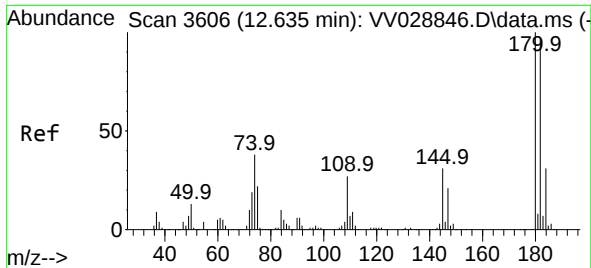
Ion Ratio Lower Upper

75 100

155 72.5 59.4 89.0

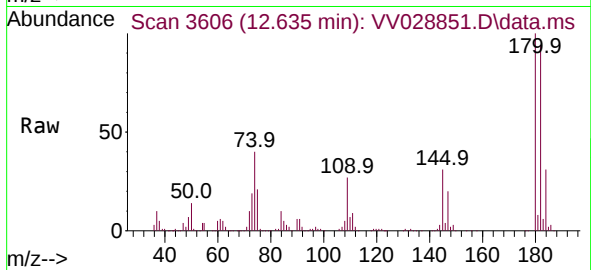
157 91.6 74.9 112.3



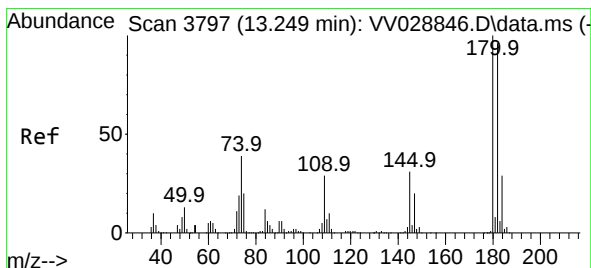
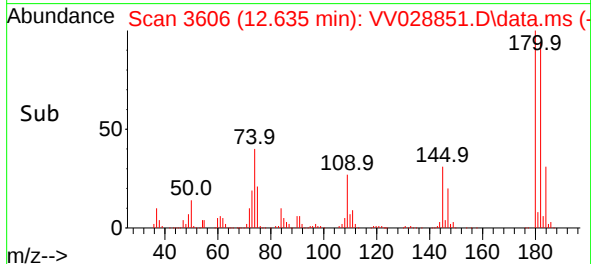
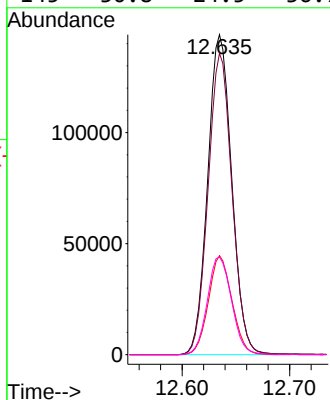


#69
1,3,5-Trichlorobenzene
Concen: 46.059 ug/L
RT: 12.635 min Scan# 3606
Delta R.T. 0.000 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

Instrument :
MSVOA_V
ClientSampleId :
VSTD050371

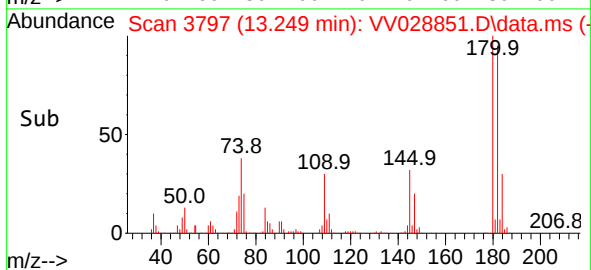
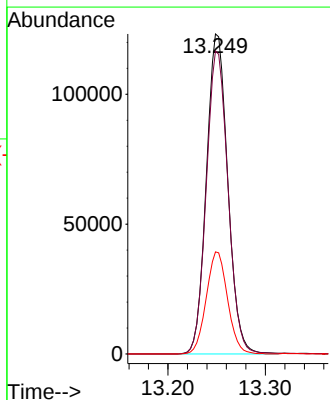
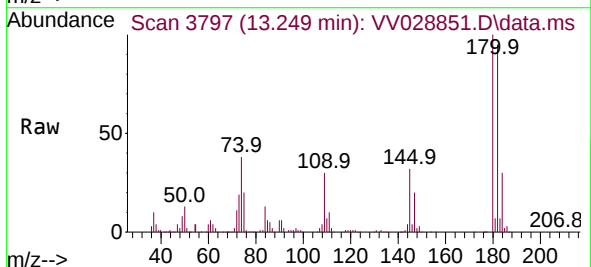


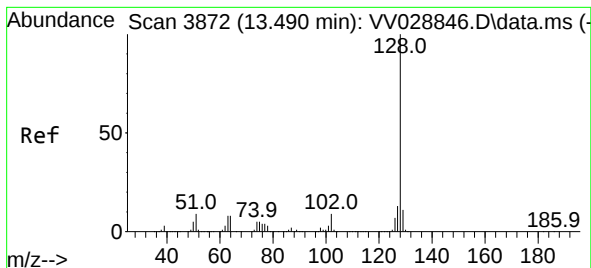
Tgt Ion:180 Resp: 223706
Ion Ratio Lower Upper
180 100
182 94.0 75.6 113.4
184 30.3 23.9 35.9
145 30.8 24.5 36.7



#70
1,2,4-trichlorobenzene
Concen: 45.237 ug/L
RT: 13.249 min Scan# 3797
Delta R.T. -0.000 min
Lab File: VV028851.D
Acq: 03 Nov 2022 16:41

Tgt Ion:180 Resp: 188025
Ion Ratio Lower Upper
180 100
182 96.0 76.6 115.0
145 31.7 25.1 37.7





#71

Naphthalene

Concen: 40.554 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. -0.000 min

Lab File: VV028851.D

Acq: 03 Nov 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD050371

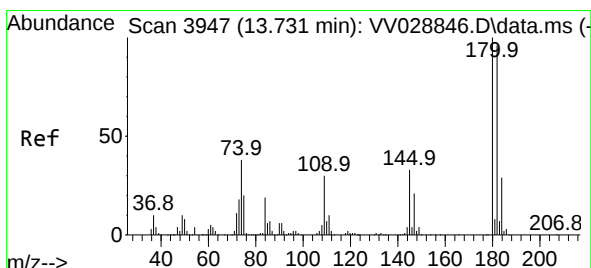
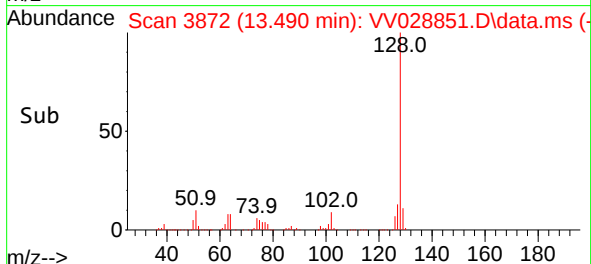
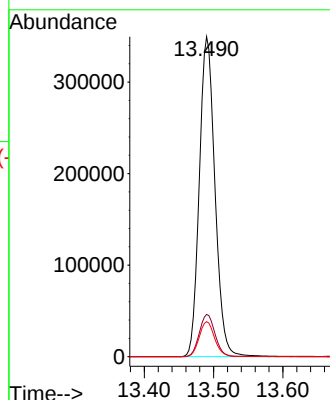
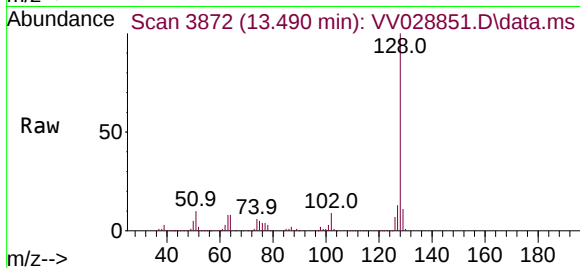
Tgt Ion:128 Resp: 548814

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 44.999 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. -0.000 min

Lab File: VV028851.D

Acq: 03 Nov 2022 16:41

Tgt Ion:180 Resp: 189313

Ion Ratio Lower Upper

180 100

182 94.6 75.5 113.3

145 33.8 26.2 39.4

