

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110922\
 Data File : VV028853.D
 Acq On : 09 Nov 2022 09:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050372

Quant Time: Nov 10 00:38:01 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	5.606	114	417275	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	391485	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	202845	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	192089	48.561	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.120%		
7) Chloroethane-d5	1.561	69	167865	49.642	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.280%		
11) 1,1-Dichloroethene-d2	2.105	63	377665	50.191	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.380%		
21) 2-Butanone-d5	3.860	46	250223	86.899	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.900%		
24) Chloroform-d	4.336	84	311801	52.263	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.520%		
26) 1,2-Dichloroethane-d4	5.021	65	203233	51.508	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.020%		
32) Benzene-d6	5.040	84	634852	51.947	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.900%		
36) 1,2-Dichloropropane-d6	6.060	67	212796	50.717	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.440%		
41) Toluene-d8	7.307	98	564882	52.577	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.160%		
43) trans-1,3-Dichloroprop...	7.613	79	89111	55.298	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	110.600%		
47) 2-Hexanone-d5	8.079	63	165956	87.525	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.530%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	269012	48.622	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.240%		
66) 1,2-Dichlorobenzene-d4	11.616	152	200966	50.192	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.380%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	144119	46.963	ug/L	99
3) Chloromethane	1.240	50	224146	43.888	ug/L	99
5) Vinyl chloride	1.311	62	220186	46.935	ug/L	99
6) Bromomethane	1.516	94	120189	46.432	ug/L	95
8) Chloroethane	1.581	64	146798	48.729	ug/L	100
9) Trichlorofluoromethane	1.748	101	281978	50.543	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	162782	51.497	ug/L	99
12) 1,1-Dichloroethene	2.114	96	154157	49.532	ug/L	98
13) Acetone	2.153	43	287611	103.161	ug/L	98
14) Carbon disulfide	2.291	76	449335	51.759	ug/L	99
15) Methyl Acetate	2.420	43	199892	42.719	ug/L	97
16) Methylene chloride	2.500	84	172477	45.675	ug/L	96
17) trans-1,2-Dichloroethene	2.754	96	151873	50.450	ug/L	99
18) Methyl tert-butyl Ether	2.757	73	519328	49.939	ug/L	99
19) 1,1-Dichloroethane	3.179	63	323610	49.336	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	166809	50.220	ug/L	100
22) 2-Butanone	3.941	43	322574	94.181	ug/L	94
23) Bromochloromethane	4.236	128	79971	50.584	ug/L	97
25) Chloroform	4.362	83	307770	50.511	ug/L	98

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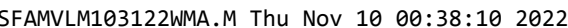
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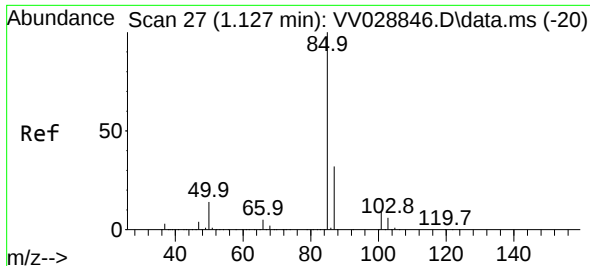
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	246580	49.554	ug/L	98
29) Cyclohexane	4.667	56	299019	47.869	ug/L	98
30) 1,1,1-Trichloroethane	4.597	97	254142	51.501	ug/L	99
31) Carbon tetrachloride	4.818	117	211352	53.607	ug/L	99
33) Benzene	5.088	78	695140	50.437	ug/L	100
34) Trichloroethene	5.905	95	160899	49.921	ug/L	98
35) Methylcyclohexane	6.124	83	289653	50.669	ug/L	98
37) 1,2-Dichloropropane	6.162	63	194142	50.911	ug/L	100
38) Bromodichloromethane	6.500	83	236813	54.664	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	280452	53.852	ug/L	100
40) 4-Methyl-2-pentanone	7.217	43	545585	86.028	ug/L	98
42) Toluene	7.378	91	712577	50.708	ug/L	98
44) trans-1,3-Dichloropropene	7.641	75	262685	54.546	ug/L	100
45) 1,1,2-Trichloroethane	7.828	97	164302	50.222	ug/L	99
46) Tetrachloroethene	7.966	164	118181	52.905	ug/L	97
48) 2-Hexanone	8.130	43	447484	92.646	ug/L	98
49) Dibromochloromethane	8.236	129	167689	55.373	ug/L	100
50) 1,2-Dibromoethane	8.342	107	164920	50.032	ug/L	99
51) Chlorobenzene	8.873	112	428881	49.841	ug/L	99
52) Ethylbenzene	9.005	91	781818	51.717	ug/L	100
53) m,p-Xylene	9.130	106	285155	51.718	ug/L	97
54) o-Xylene	9.535	106	283151	51.439	ug/L	99
55) Styrene	9.551	104	501884	53.167	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	279008	48.321	ug/L	100
59) Bromoform	9.722	173	115860	57.541	ug/L	100
60) Isopropylbenzene	9.921	105	761986	49.438	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	213235	44.241	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	635984	49.426	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	634971	49.603	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	326247	50.176	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	332011	50.116	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	329062	49.749	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	54417	44.316	ug/L	95
69) 1,3,5-Trichlorobenzene	12.635	180	238286	51.106	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	196146	49.159	ug/L	99
71) Naphthalene	13.490	128	513556	39.531	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	195948	48.519	ug/L	99

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

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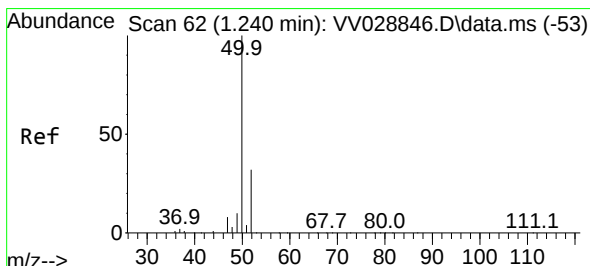
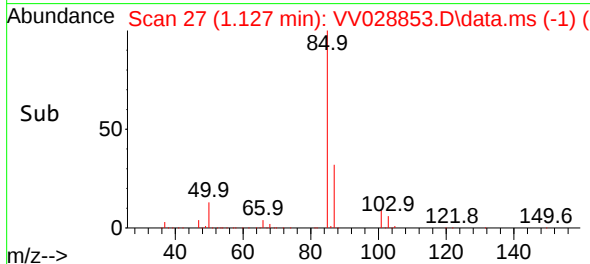
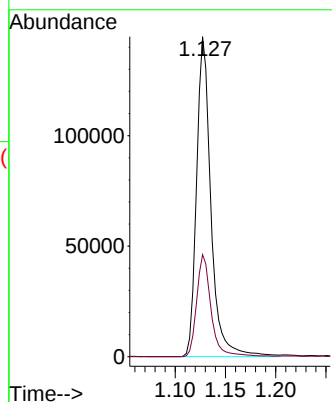
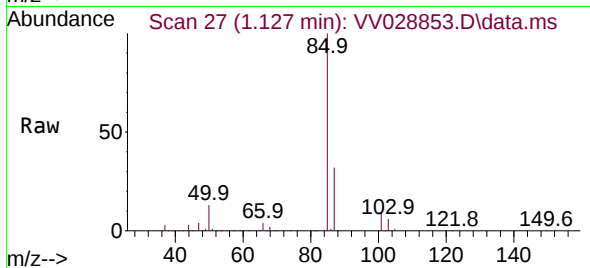




#2
 Dichlorodifluoromethane
 Concen: 46.963 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028853.D
 Acq: 09 Nov 2022 09:25

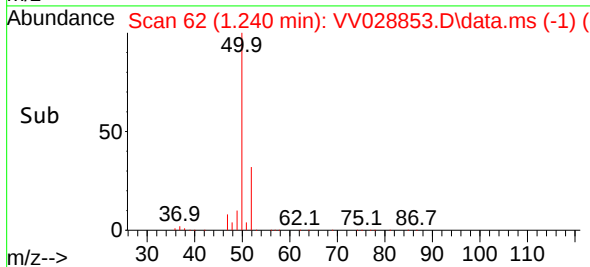
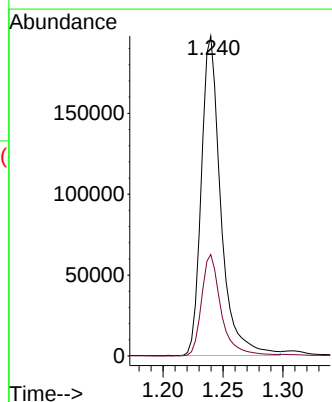
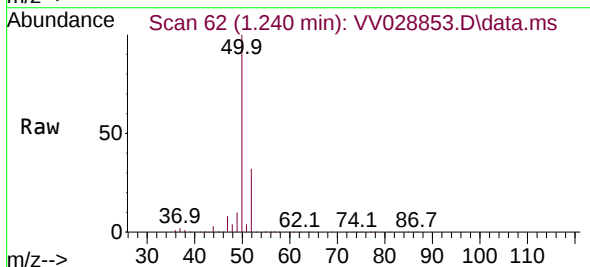
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050372

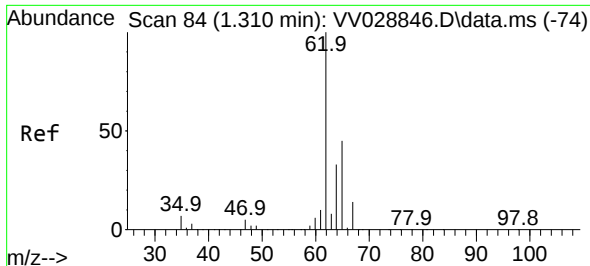
Tgt Ion: 85 Resp: 144119
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.4 38.0



#3
 Chloromethane
 Concen: 43.888 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV028853.D
 Acq: 09 Nov 2022 09:25

Tgt Ion: 50 Resp: 224146
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.7 42.1

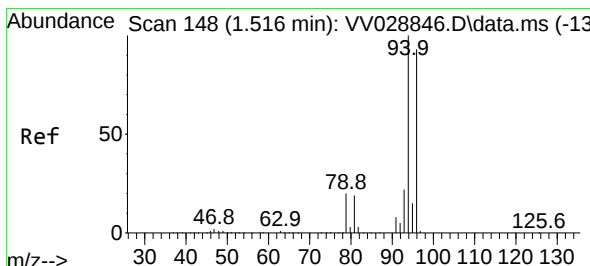
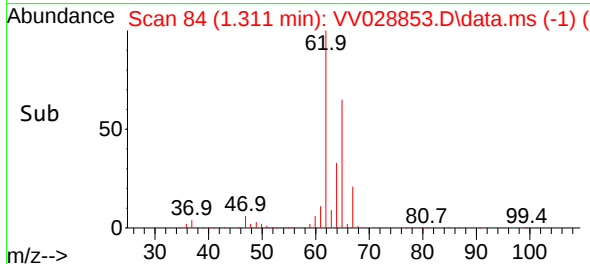
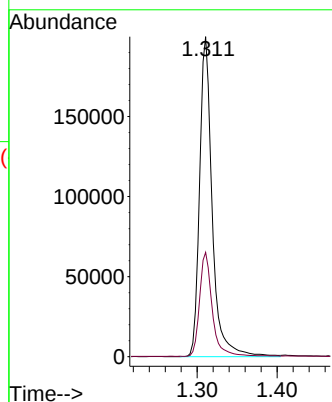
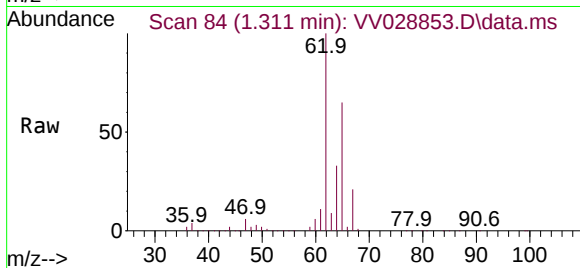




#5
 Vinyl chloride
 Concen: 46.935 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028853.D
 Acq: 09 Nov 2022 09:25

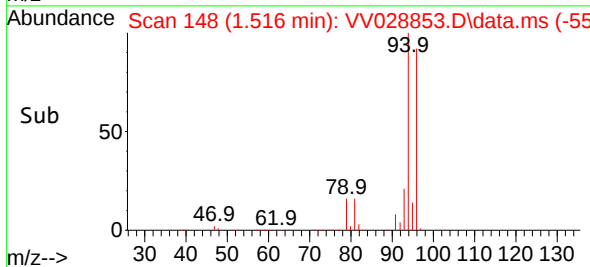
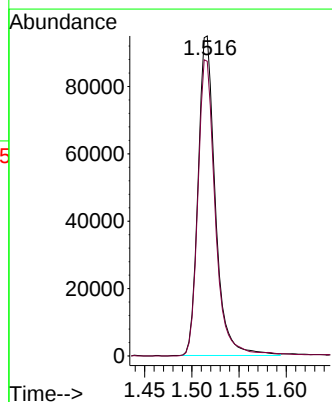
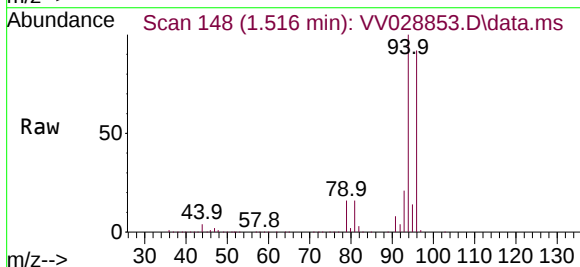
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 VSTD050372

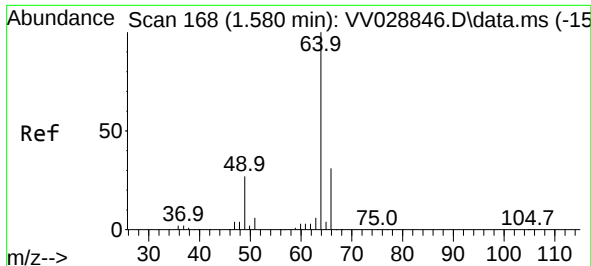
Tgt Ion: 62 Resp: 220186
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.0



#6
 Bromomethane
 Concen: 46.432 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV028853.D
 Acq: 09 Nov 2022 09:25

Tgt Ion: 94 Resp: 120189
 Ion Ratio Lower Upper
 94 100
 96 92.1 67.6 125.6

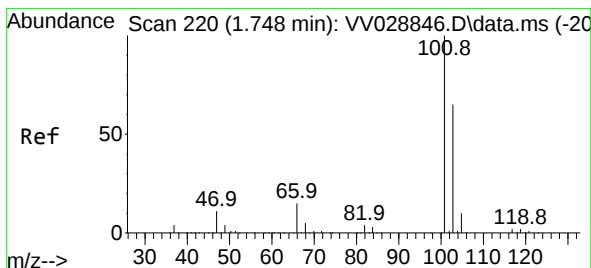
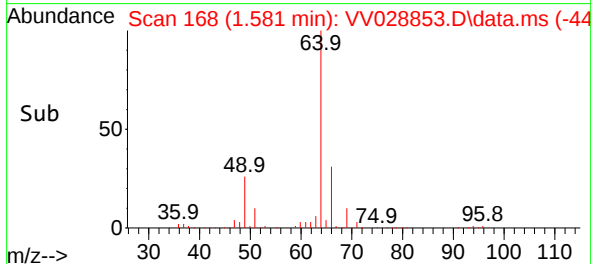
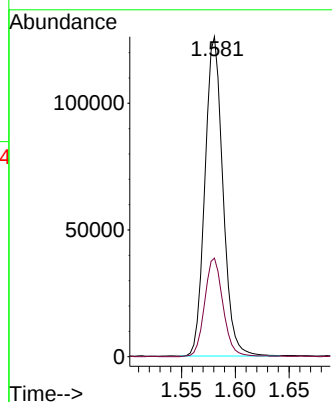
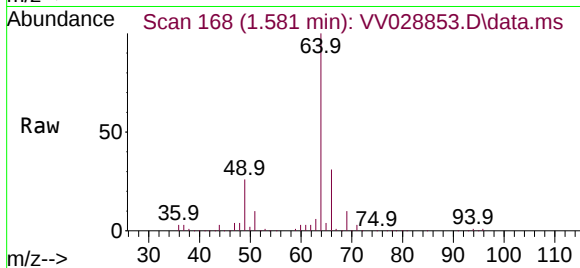




#8
Chloroethane
Concen: 48.729 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

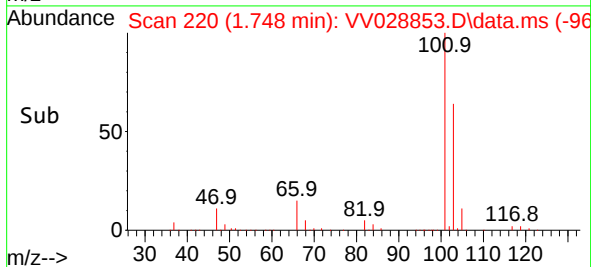
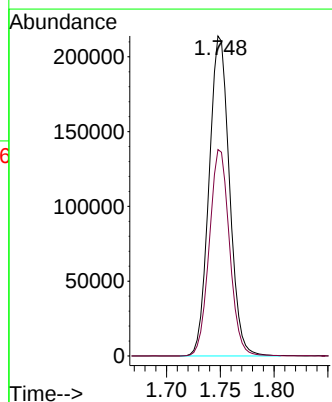
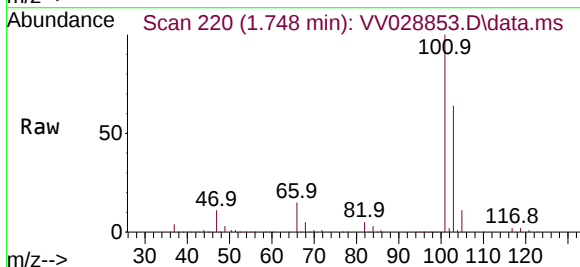
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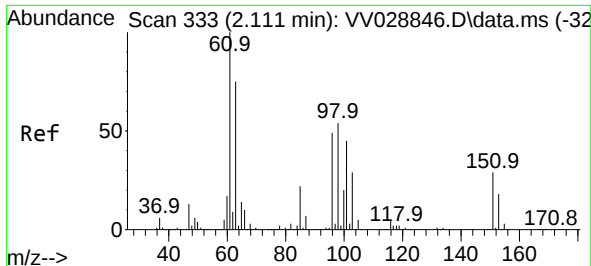
Tgt Ion: 64 Resp: 146798
Ion Ratio Lower Upper
64 100
66 30.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 50.543 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

Tgt Ion:101 Resp: 281978
Ion Ratio Lower Upper
101 100
103 63.9 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 51.497 ug/L

RT: 2.114 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV028853.D

Acq: 09 Nov 2022 09:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD050372

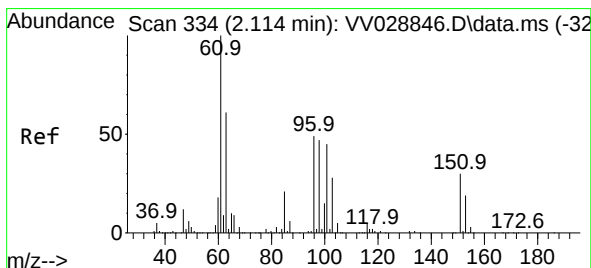
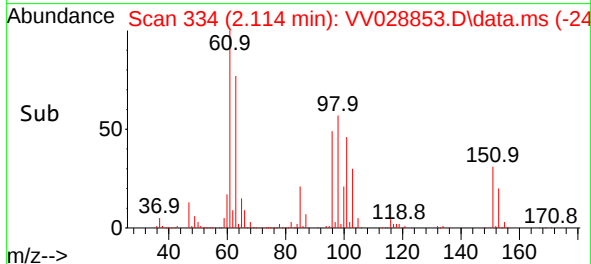
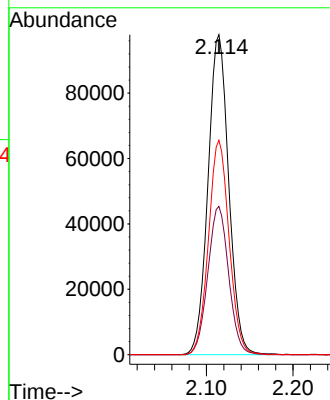
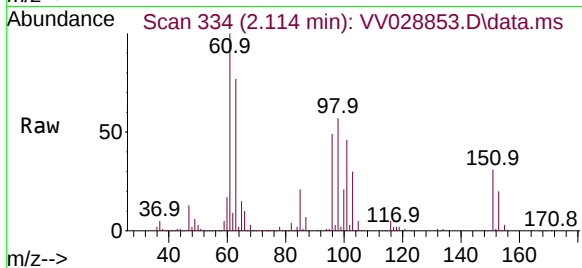
Tgt Ion:101 Resp: 162782

Ion Ratio Lower Upper

101 100

85 46.6 38.0 57.0

151 66.6 52.7 79.1



#12

1,1-Dichloroethene

Concen: 49.532 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV028853.D

Acq: 09 Nov 2022 09:25

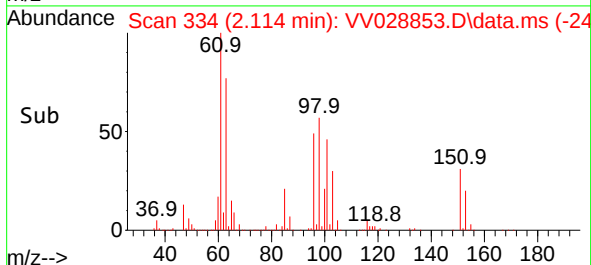
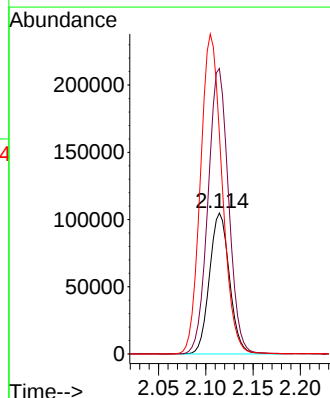
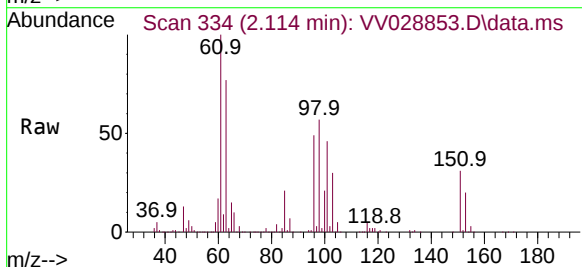
Tgt Ion: 96 Resp: 154157

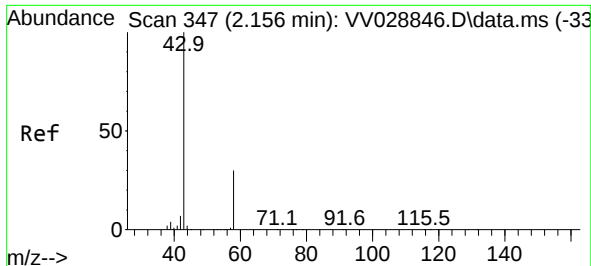
Ion Ratio Lower Upper

96 100

61 202.5 142.7 265.1

63 156.0 112.5 208.9





#13

Acetone

Concen: 103.161 ug/L

RT: 2.153 min Scan# 34

Delta R.T. -0.003 min

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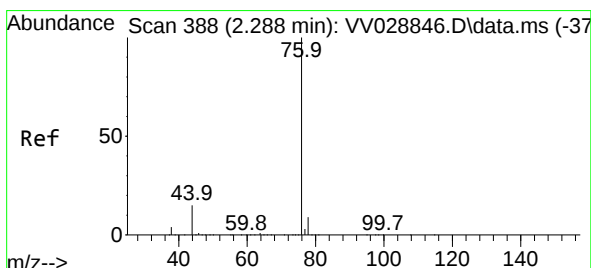
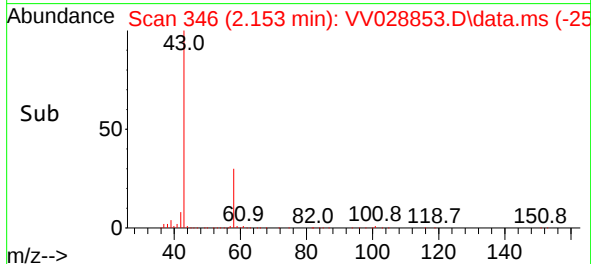
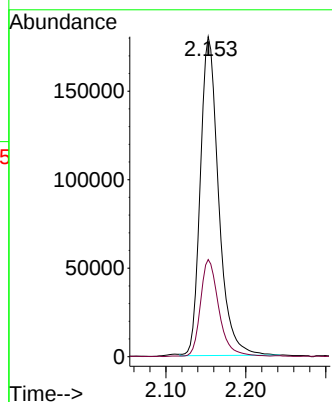
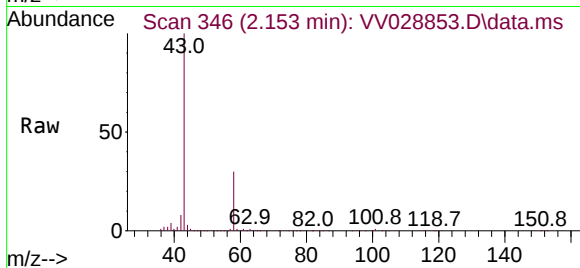
VSTD050372

Tgt Ion: 43 Resp: 287611

Ion Ratio Lower Upper

43 100

58 30.5 0.0 59.0



#14

Carbon disulfide

Concen: 51.759 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV028853.D

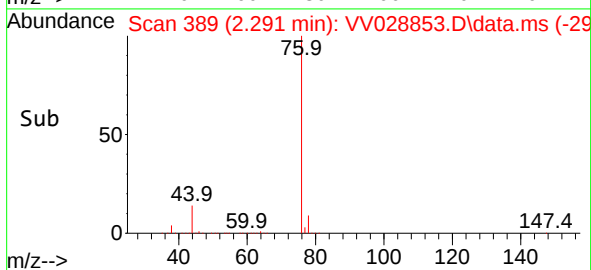
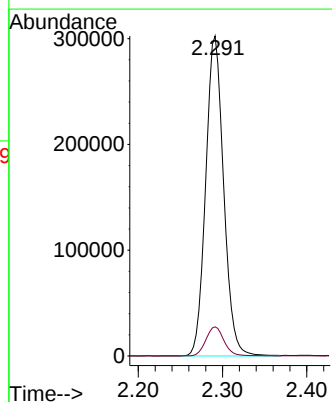
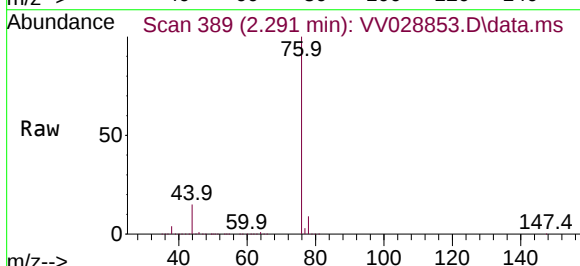
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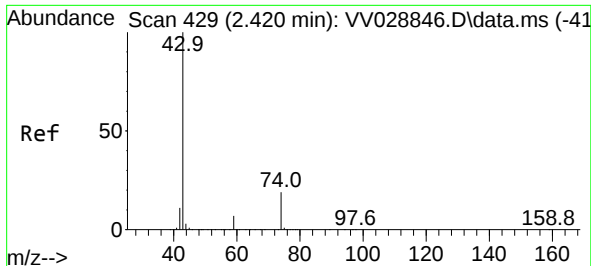
Tgt Ion: 76 Resp: 449335

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

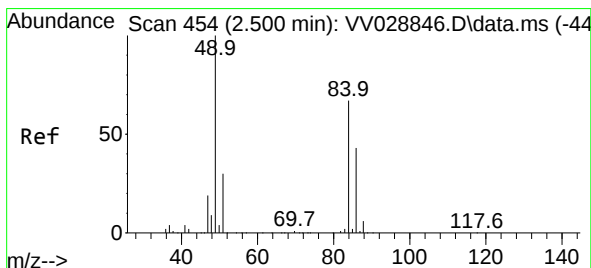
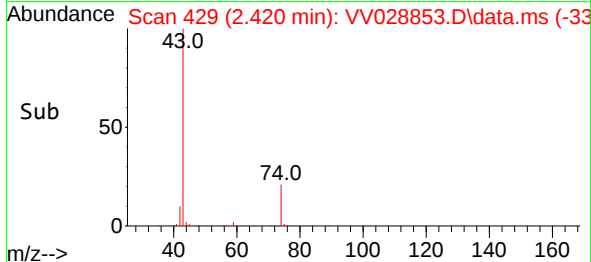
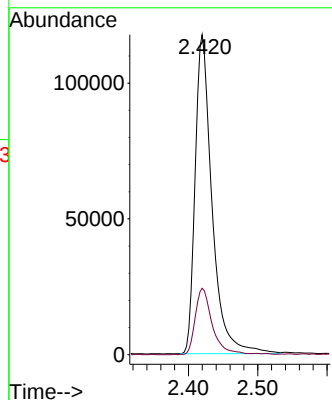
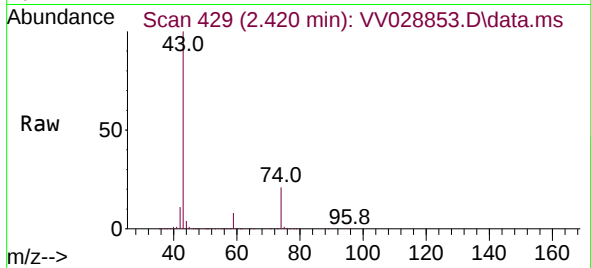




#15
Methyl Acetate
Concen: 42.719 ug/L
RT: 2.420 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

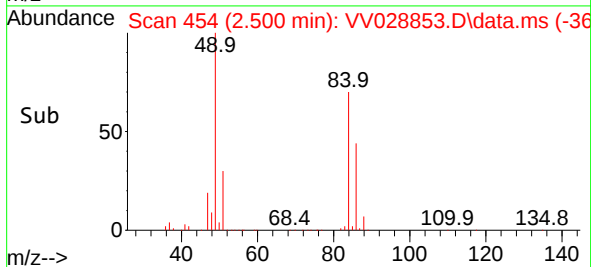
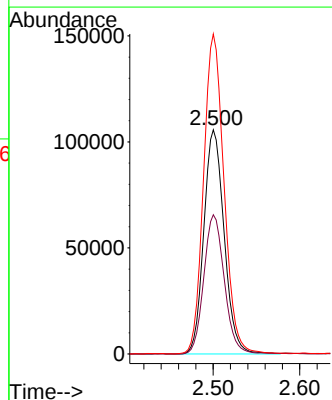
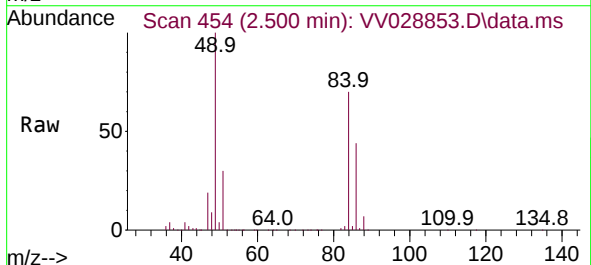
Instrument :
MSVOA_V
ClientSampleId :
VSTD050372

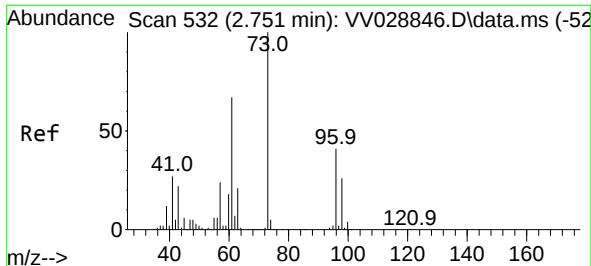
Tgt Ion: 43 Resp: 199892
Ion Ratio Lower Upper
43 100
74 20.9 15.6 23.4



#16
Methylene chloride
Concen: 45.675 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

Tgt Ion: 84 Resp: 172477
Ion Ratio Lower Upper
84 100
86 62.1 43.7 81.1
49 142.7 105.3 195.5

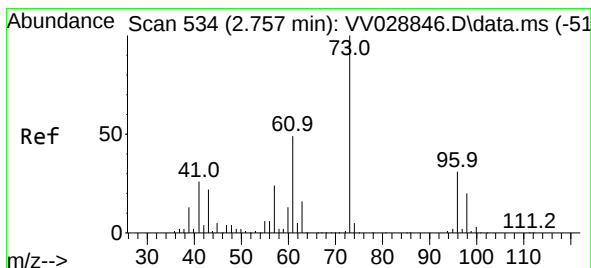
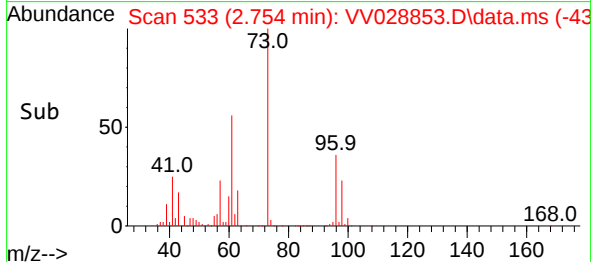
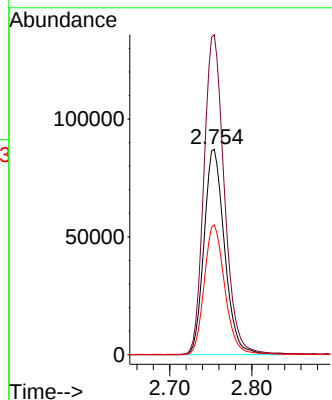
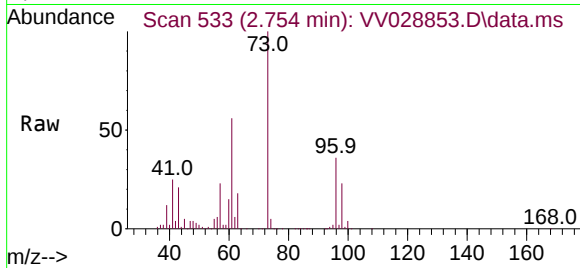




#17
trans-1,2-Dichloroethene
Concen: 50.450 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

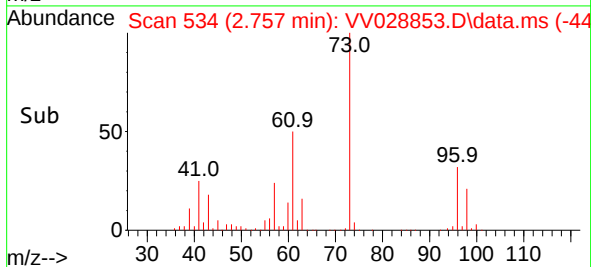
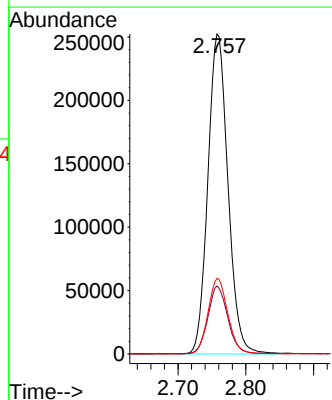
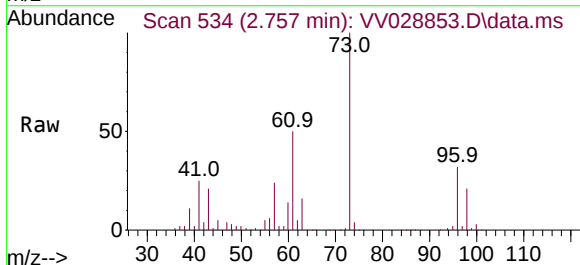
Instrument :
MSVOA_V
ClientSampleId :
VSTD050372

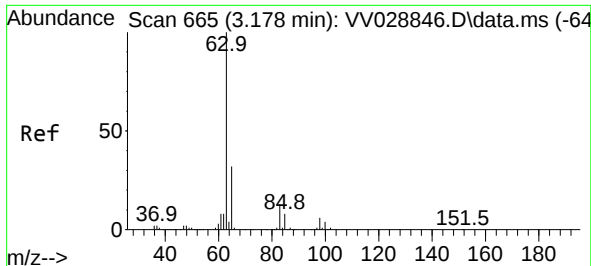
Tgt Ion: 96 Resp: 151873
Ion Ratio Lower Upper
96 100
61 155.8 109.4 203.2
98 63.2 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 49.939 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

Tgt Ion: 73 Resp: 519328
Ion Ratio Lower Upper
73 100
43 20.8 17.1 25.7
57 23.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 49.336 ug/L

RT: 3.179 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV028853.D

Acq: 09 Nov 2022 09:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD050372

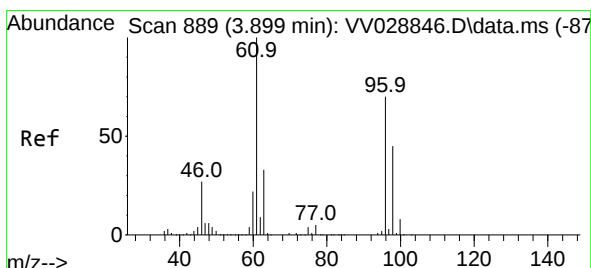
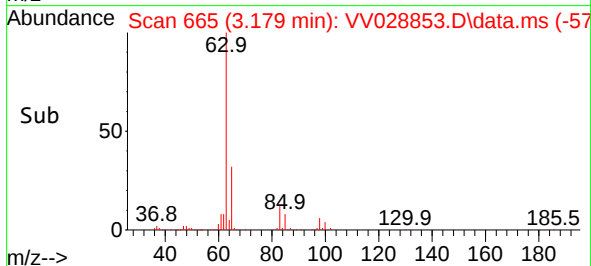
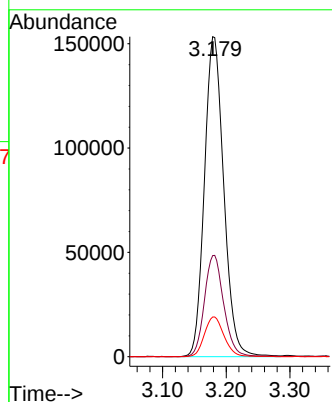
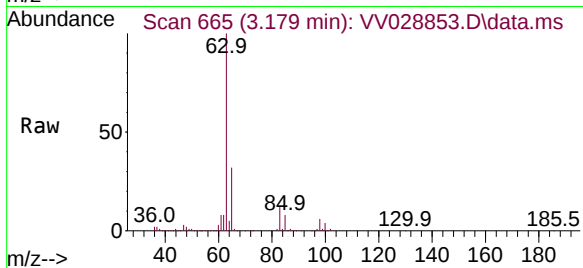
Tgt Ion: 63 Resp: 323610

Ion Ratio Lower Upper

63 100

65 31.6 22.5 41.9

83 12.4 8.5 15.9



#20

cis-1,2-Dichloroethene

Concen: 50.220 ug/L

RT: 3.899 min Scan# 889

Delta R.T. 0.000 min

Lab File: VV028853.D

Acq: 09 Nov 2022 09:25

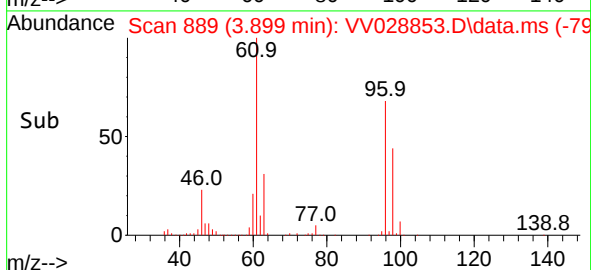
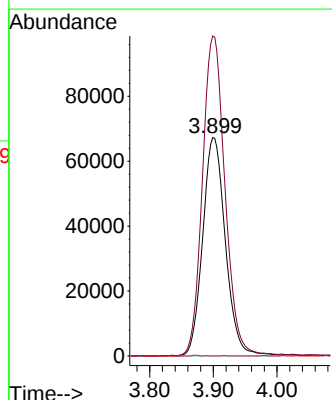
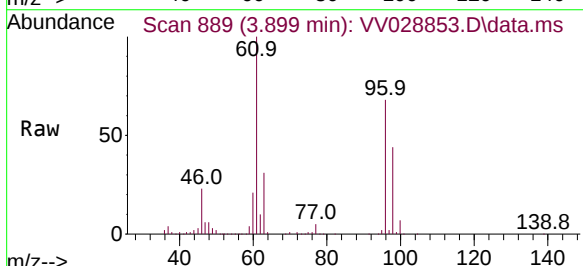
Tgt Ion: 96 Resp: 166809

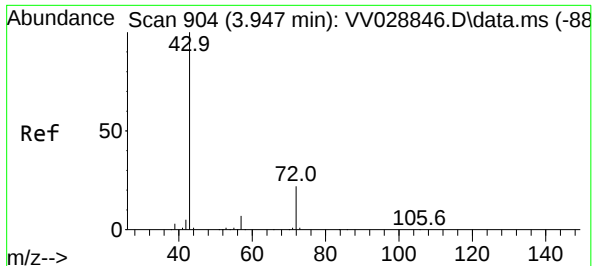
Ion Ratio Lower Upper

96 100

61 146.6 102.3 190.1

68 0.2 0.1 0.3

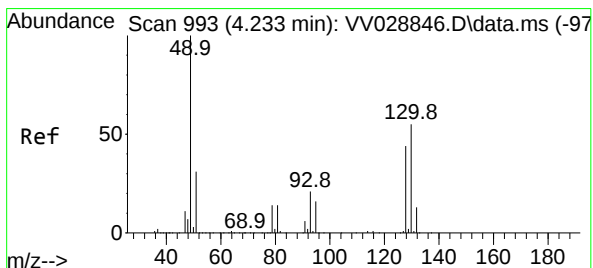
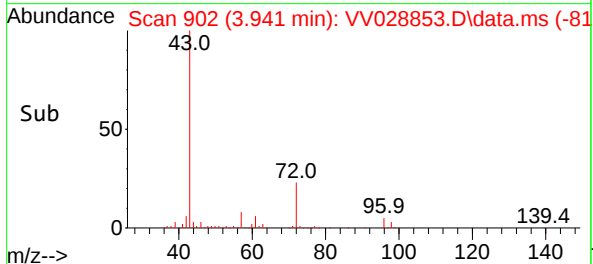
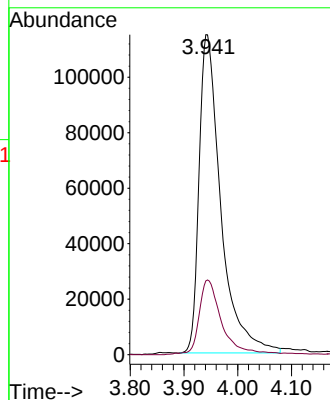
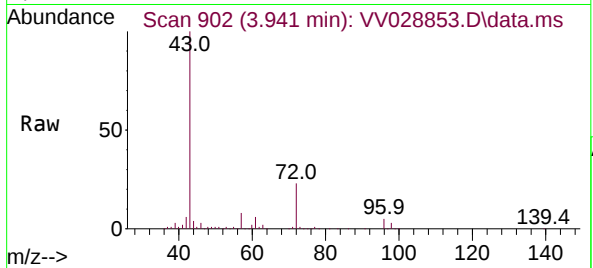




#22
2-Butanone
Concen: 94.181 ug/L
RT: 3.941 min Scan# 904
Delta R.T. -0.006 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

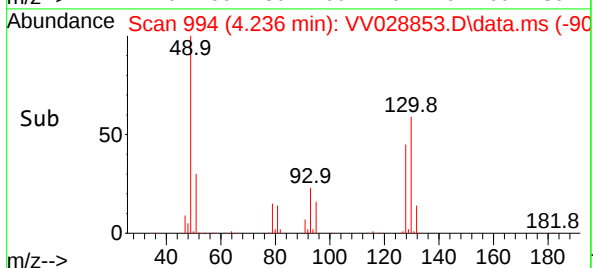
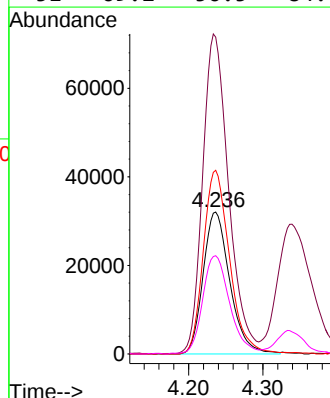
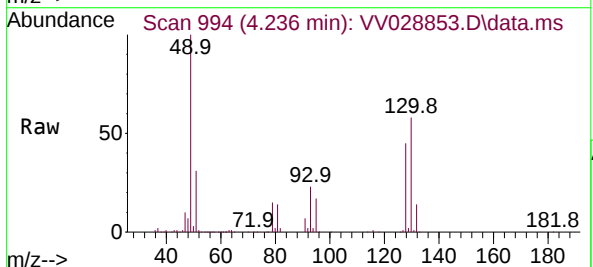
Instrument :
MSVOA_V
ClientSampleId :
VSTD050372

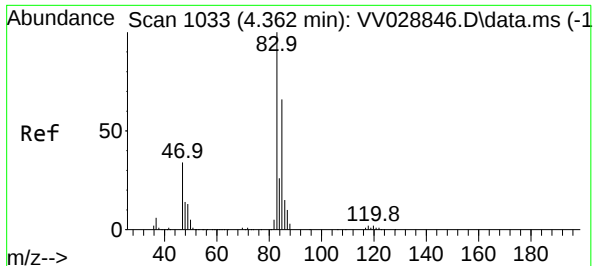
Tgt Ion: 43 Resp: 322574
Ion Ratio Lower Upper
43 100
72 22.9 10.0 30.0



#23
Bromochloromethane
Concen: 50.584 ug/L
RT: 4.236 min Scan# 994
Delta R.T. 0.003 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

Tgt Ion: 128 Resp: 79971
Ion Ratio Lower Upper
128 100
49 223.2 161.8 300.6
130 129.4 89.9 166.9
51 69.2 56.5 84.7





#25

Chloroform

Concen: 50.511 ug/L

RT: 4.362 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VV028853.D

Acq: 09 Nov 2022 09:25

Instrument :

MSVOA_V

ClientSampleId :

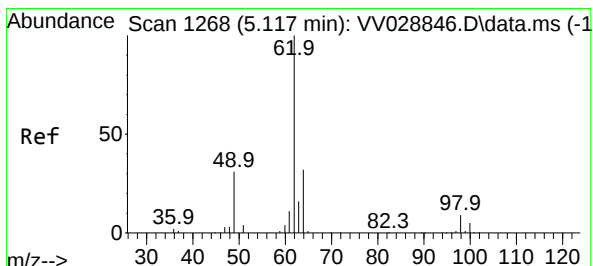
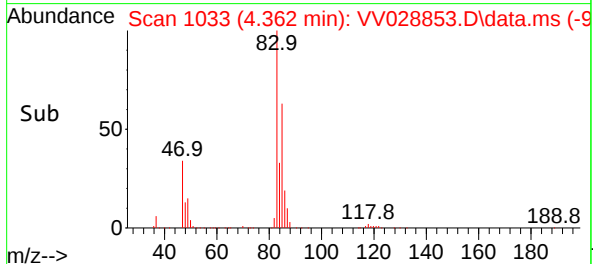
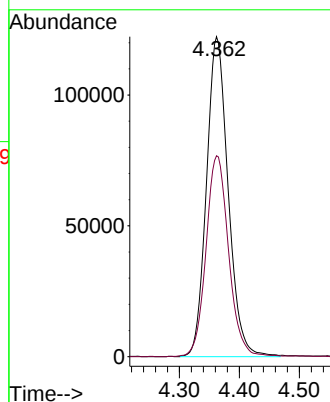
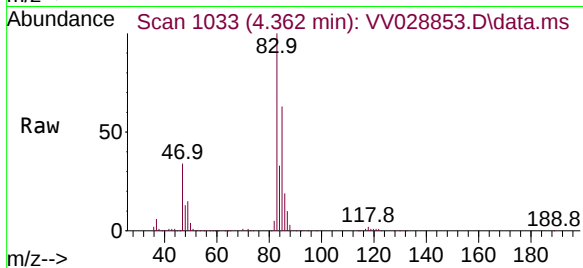
VSTD050372

Tgt Ion: 83 Resp: 307770

Ion Ratio Lower Upper

83 100

85 62.8 45.3 84.1



#27

1,2-Dichloroethane

Concen: 49.554 ug/L

RT: 5.117 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VV028853.D

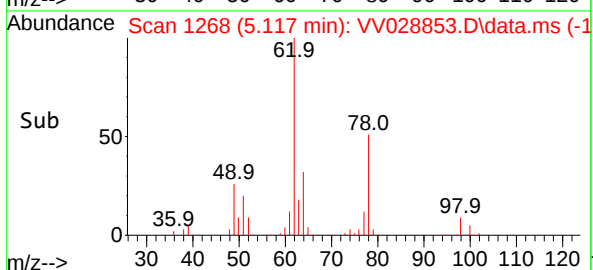
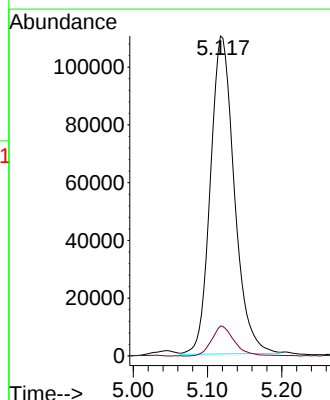
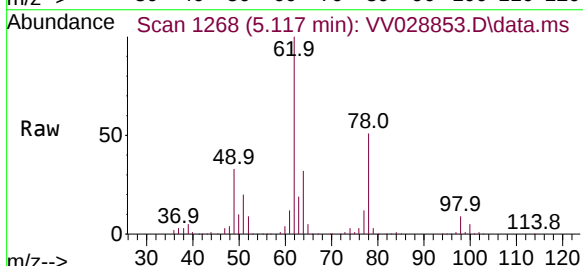
Acq: 09 Nov 2022 09:25

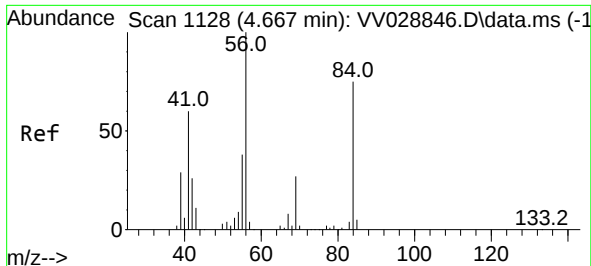
Tgt Ion: 62 Resp: 246580

Ion Ratio Lower Upper

62 100

98 9.4 6.9 10.3





#29

Cyclohexane

Concen: 47.869 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VV028853.D

Acq: 09 Nov 2022 09:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD050372

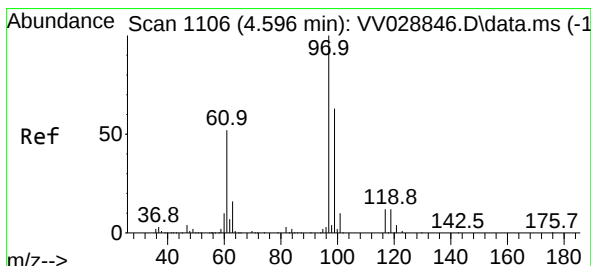
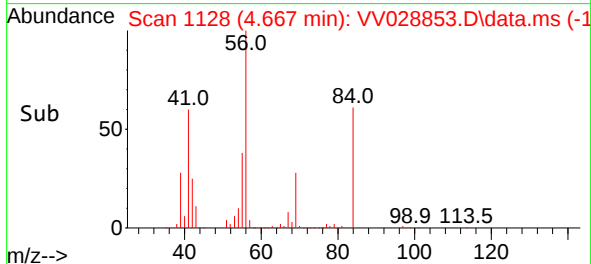
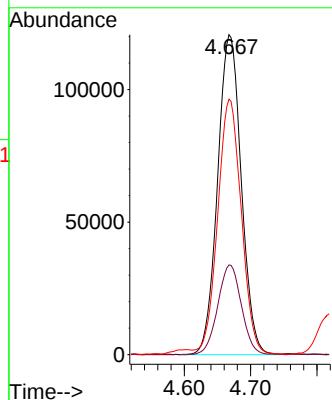
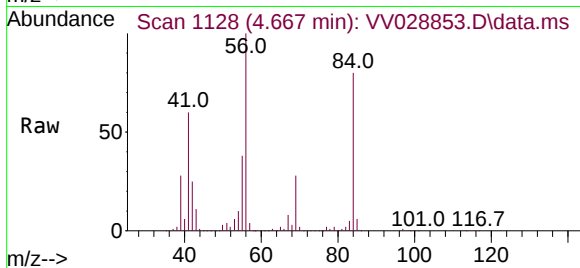
Tgt Ion: 56 Resp: 299019

Ion Ratio Lower Upper

56 100

69 28.0 22.2 33.2

84 79.6 62.3 93.5



#30

1,1,1-Trichloroethane

Concen: 51.501 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VV028853.D

Acq: 09 Nov 2022 09:25

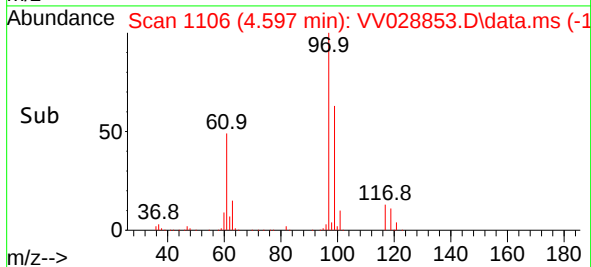
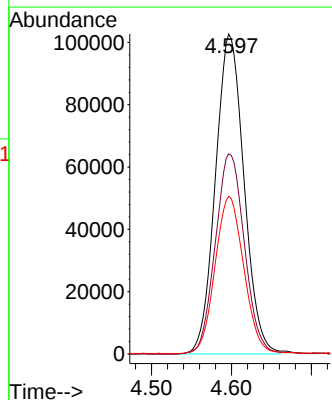
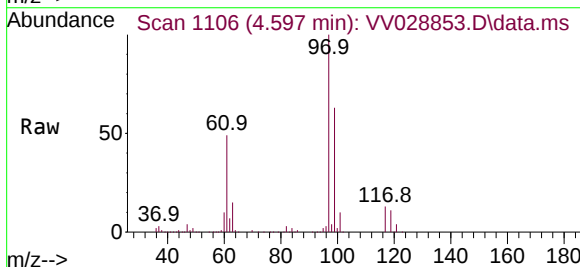
Tgt Ion: 97 Resp: 254142

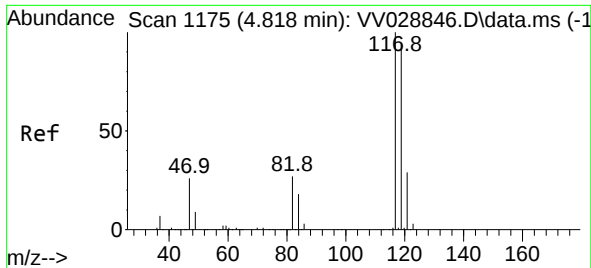
Ion Ratio Lower Upper

97 100

99 63.9 50.2 75.4

61 49.3 40.2 60.4

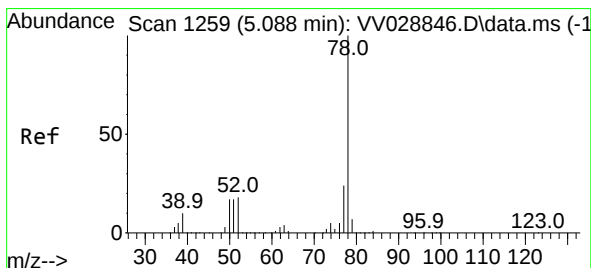
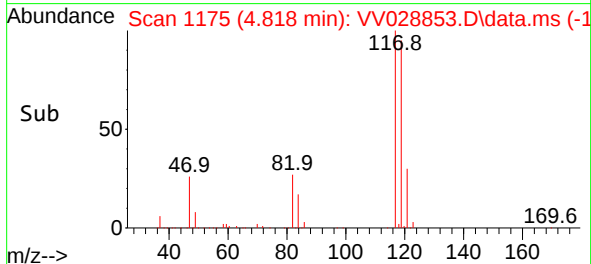
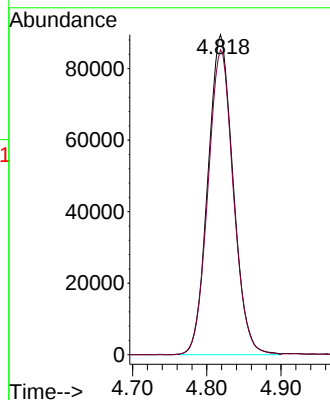
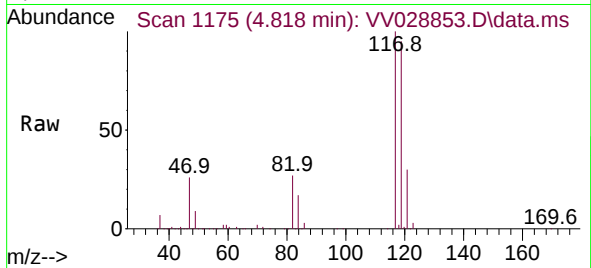




#31
Carbon tetrachloride
Concen: 53.607 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

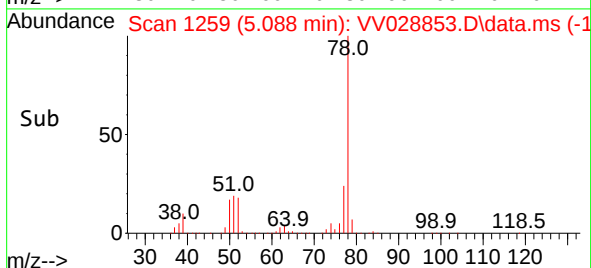
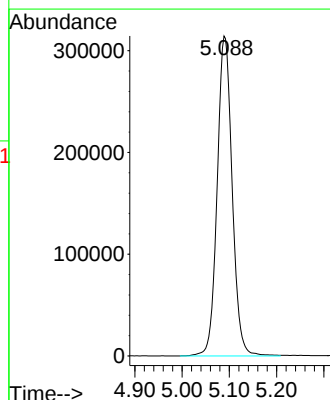
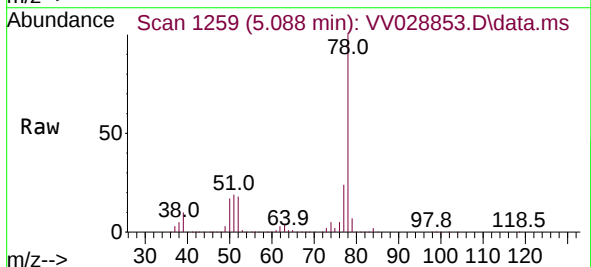
Instrument : MSVOA_V
ClientSampleId : VSTD050372

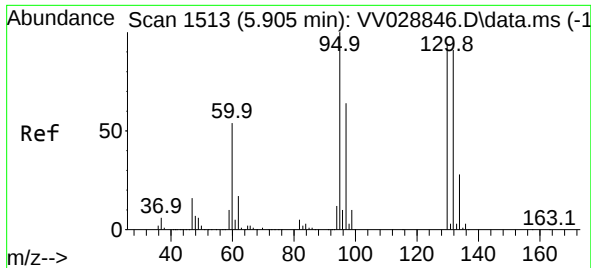
Tgt Ion:117 Resp: 211352
Ion Ratio Lower Upper
117 100
119 95.9 76.1 114.1



#33
Benzene
Concen: 50.437 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

Tgt Ion: 78 Resp: 695140

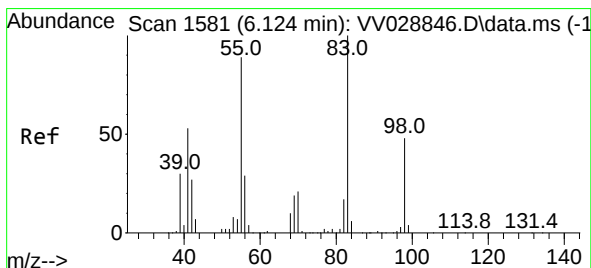
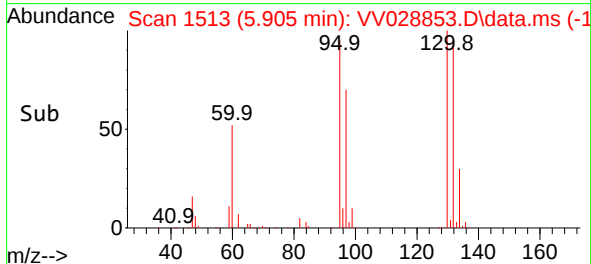
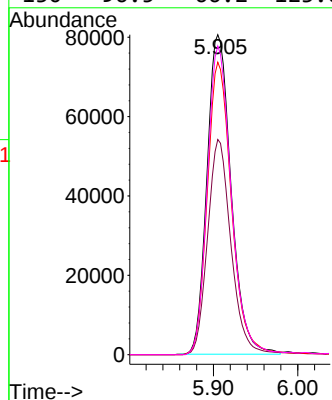
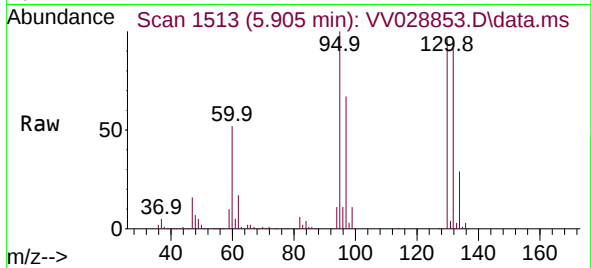




#34
Trichloroethene
Concen: 49.921 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

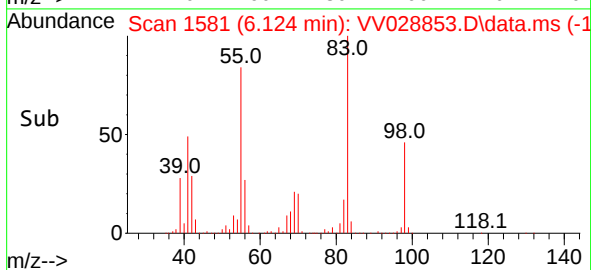
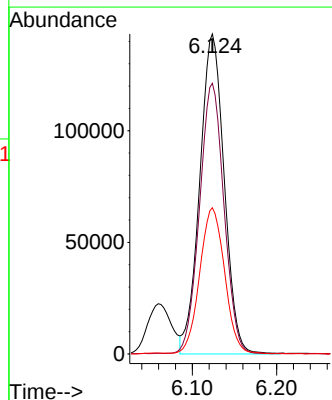
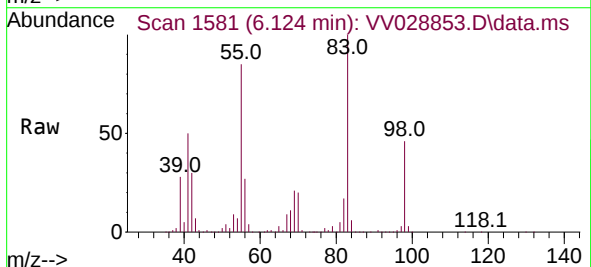
Instrument :
MSVOA_V
ClientSampleId :
VSTD050372

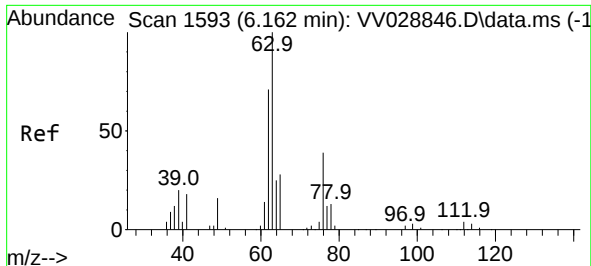
Tgt Ion: 95 Resp: 160899
Ion Ratio Lower Upper
95 100
97 67.2 46.2 85.8
132 91.4 63.2 117.4
130 96.5 66.2 123.0



#35
Methylcyclohexane
Concen: 50.669 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

Tgt Ion: 83 Resp: 289653
Ion Ratio Lower Upper
83 100
55 84.4 69.4 104.2
98 46.7 37.0 55.4





#37

1,2-Dichloropropane

Concen: 50.911 ug/L

RT: 6.162 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VV028853.D

Acq: 09 Nov 2022 09:25

Instrument :

MSVOA_V

ClientSampleId :

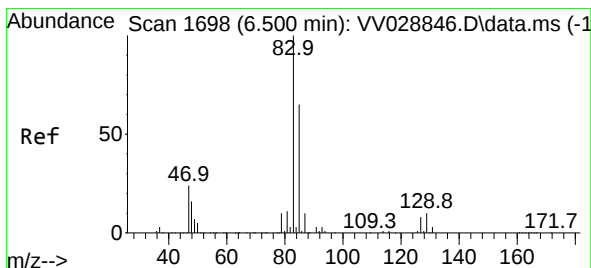
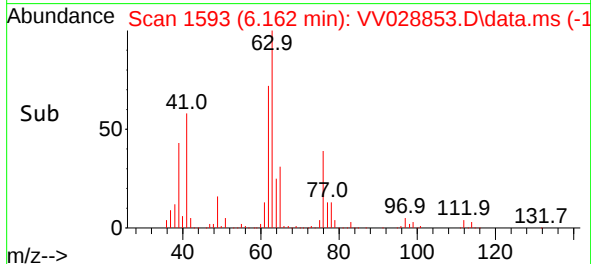
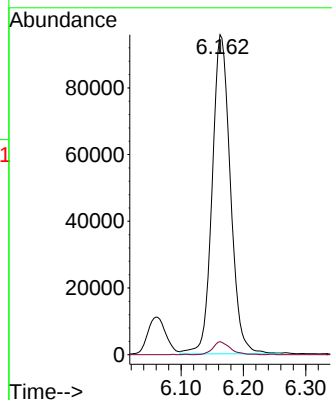
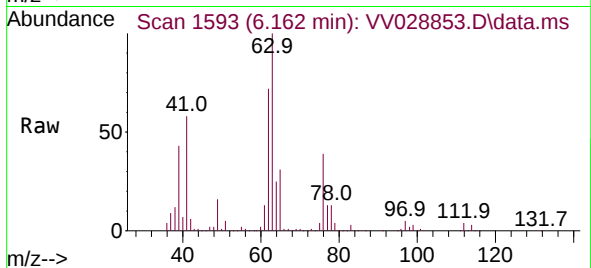
VSTD050372

Tgt Ion: 63 Resp: 194142

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.6



#38

Bromodichloromethane

Concen: 54.664 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VV028853.D

Acq: 09 Nov 2022 09:25

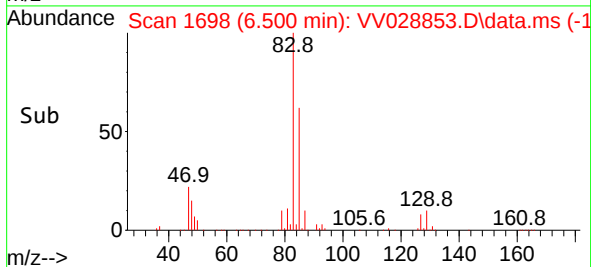
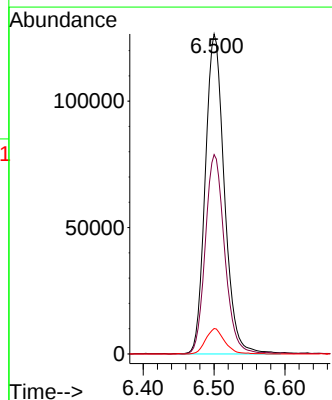
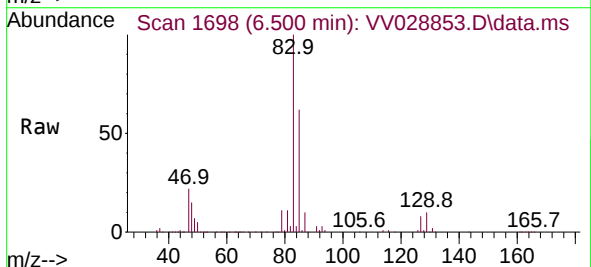
Tgt Ion: 83 Resp: 236813

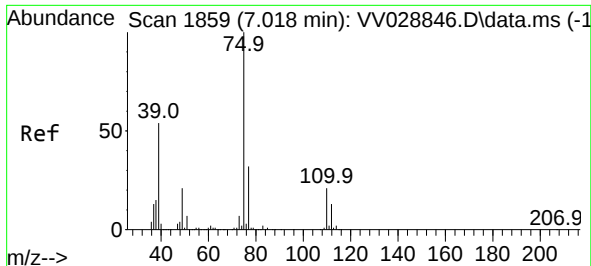
Ion Ratio Lower Upper

83 100

85 62.3 44.3 82.3

127 7.9 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 53.852 ug/L

RT: 7.018 min Scan# 1859

Delta R.T. 0.000 min

Lab File: VV028853.D

Acq: 09 Nov 2022 09:25

Instrument :

MSVOA_V

ClientSampleId :

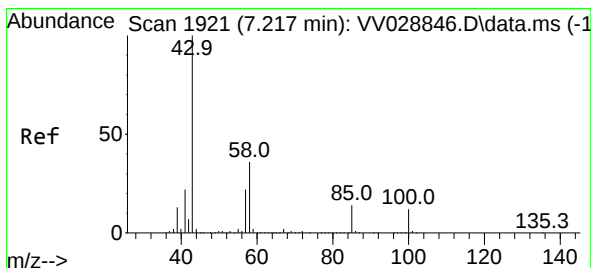
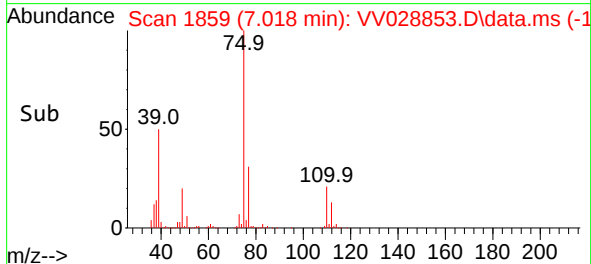
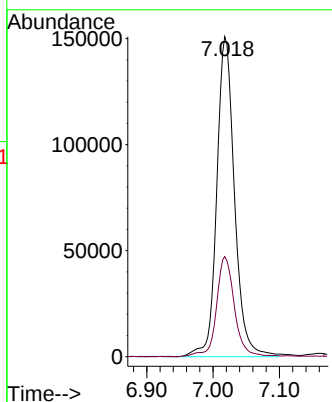
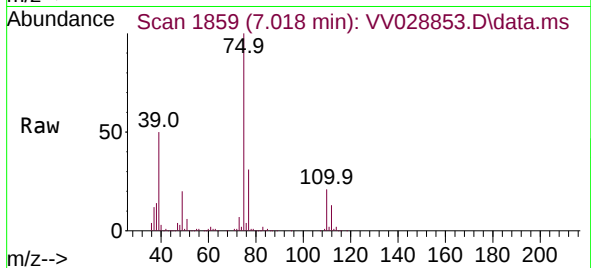
VSTD050372

Tgt Ion: 75 Resp: 280452

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 86.028 ug/L

RT: 7.217 min Scan# 1921

Delta R.T. 0.000 min

Lab File: VV028853.D

Acq: 09 Nov 2022 09:25

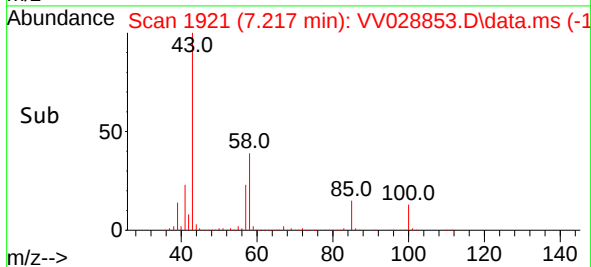
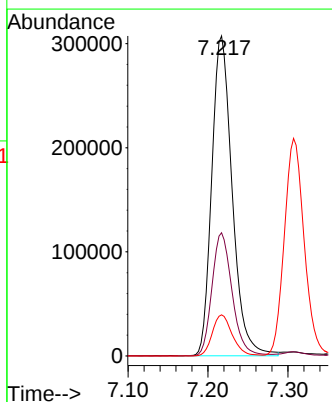
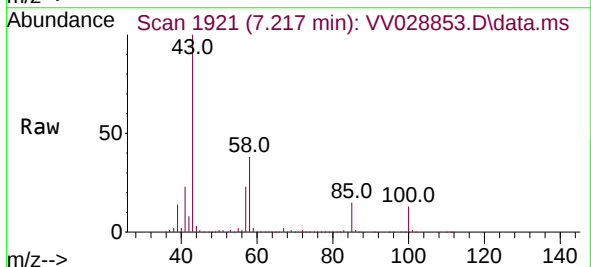
Tgt Ion: 43 Resp: 545585

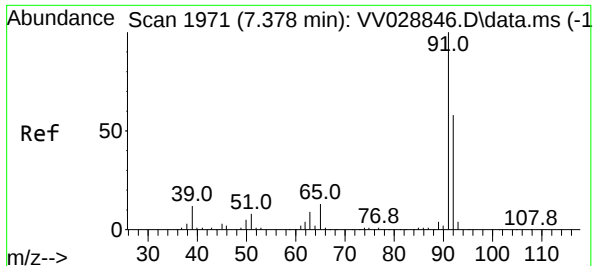
Ion Ratio Lower Upper

43 100

58 37.8 29.1 43.7

100 12.6 9.5 14.3





#42

Toluene

Concen: 50.708 ug/L

RT: 7.378 min Scan# 1971

Delta R.T. 0.000 min

Lab File: VV028853.D

Acq: 09 Nov 2022 09:25

Instrument :

MSVOA_V

ClientSampleId :

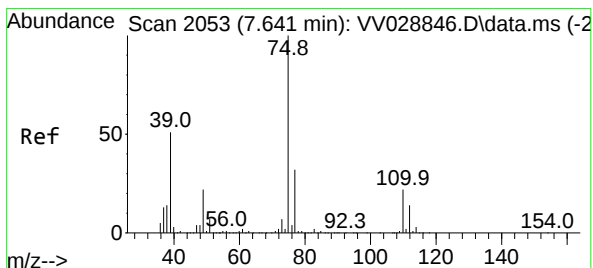
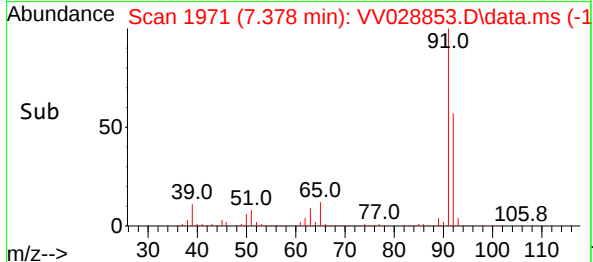
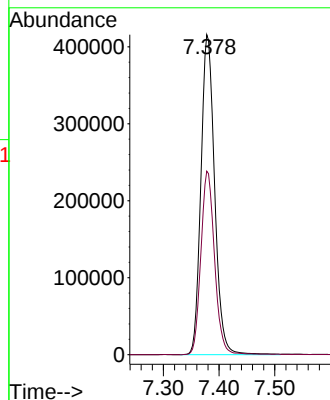
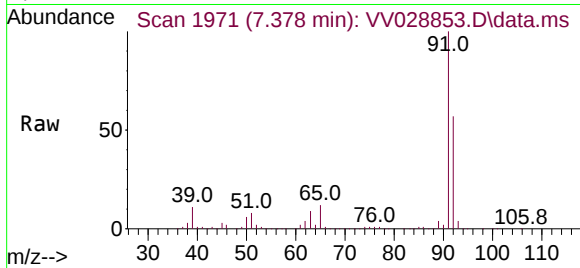
VSTD050372

Tgt Ion: 91 Resp: 712577

Ion Ratio Lower Upper

91 100

92 57.3 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 54.546 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. 0.000 min

Lab File: VV028853.D

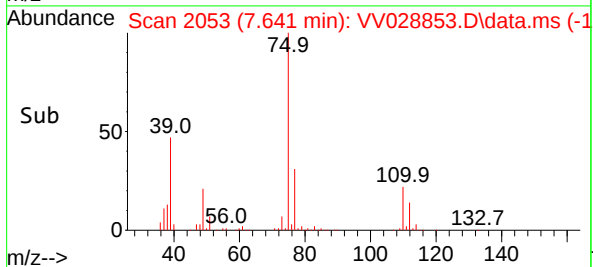
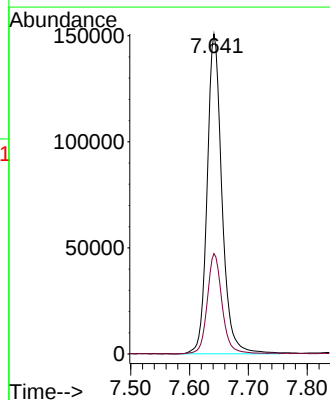
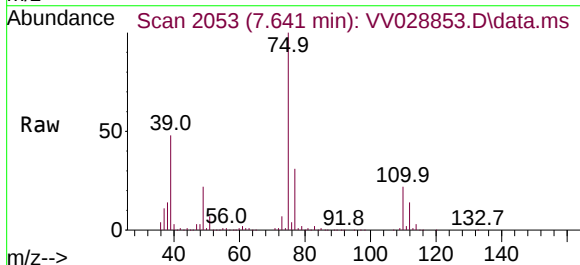
Acq: 09 Nov 2022 09:25

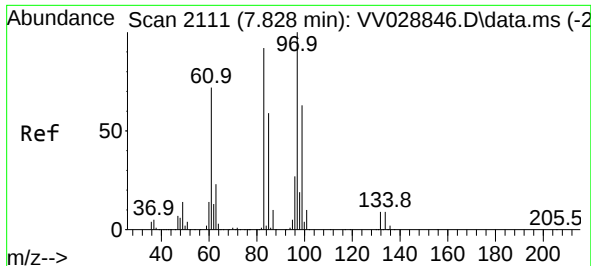
Tgt Ion: 75 Resp: 262685

Ion Ratio Lower Upper

75 100

77 31.4 22.0 41.0

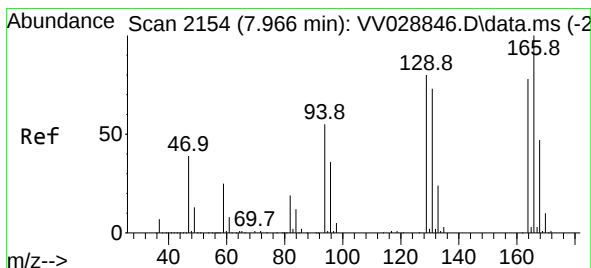
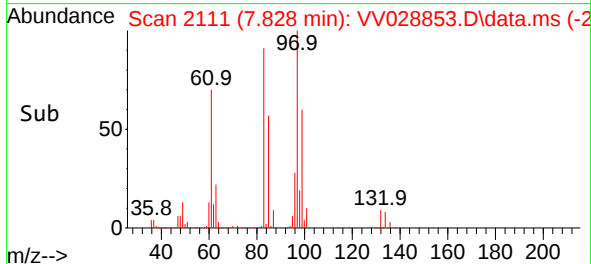
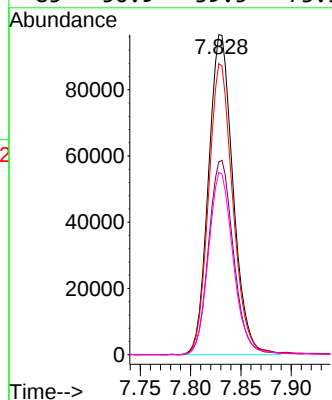
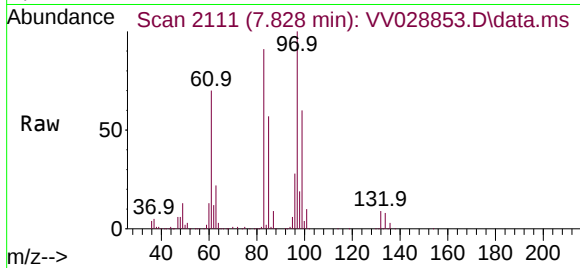




#45
1,1,2-Trichloroethane
Concen: 50.222 ug/L
RT: 7.828 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

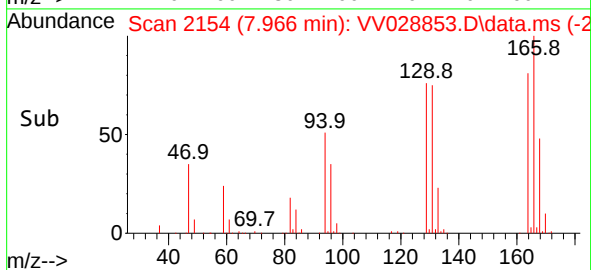
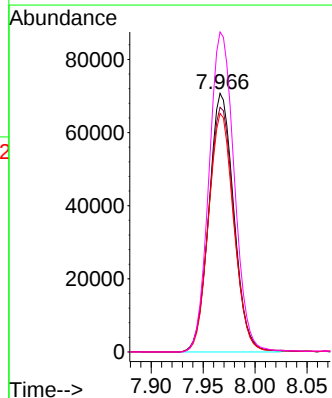
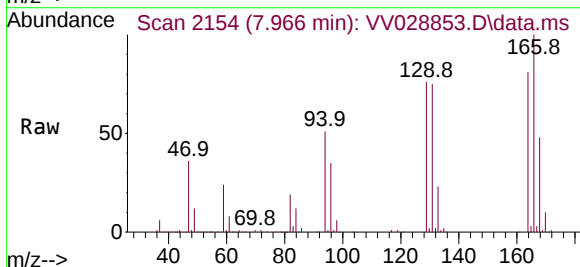
Instrument :
MSVOA_V
ClientSampleId :
VSTD050372

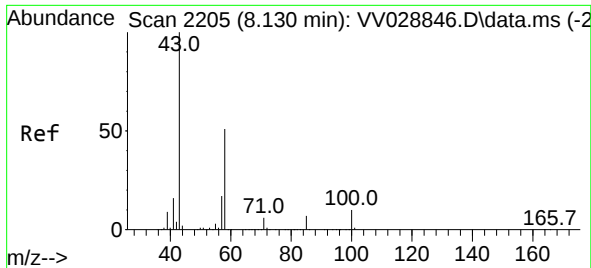
Tgt Ion:	97	Resp:	164302
Ion	Ratio	Lower	Upper
97	100		
99	60.2	42.9	79.7
83	91.0	62.7	116.5
85	56.9	39.5	73.3



#46
Tetrachloroethene
Concen: 52.905 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

Tgt Ion:	164	Resp:	118181
Ion	Ratio	Lower	Upper
164	100		
129	94.6	69.5	129.1
131	92.3	66.4	123.2
166	123.8	88.5	164.3

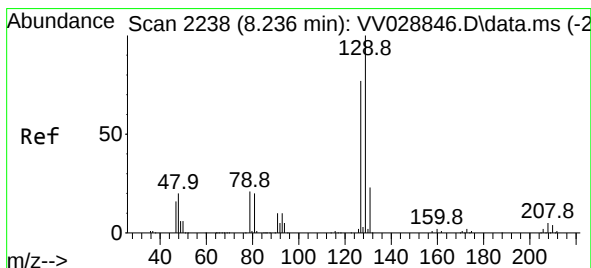
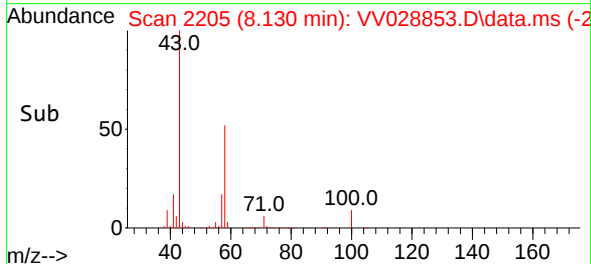
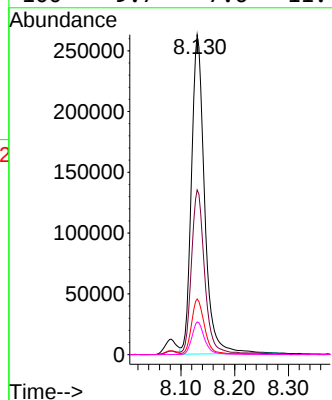
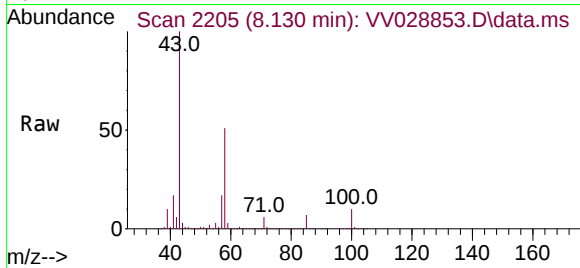




#48
2-Hexanone
Concen: 92.646 ug/L
RT: 8.130 min Scan# 2205
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

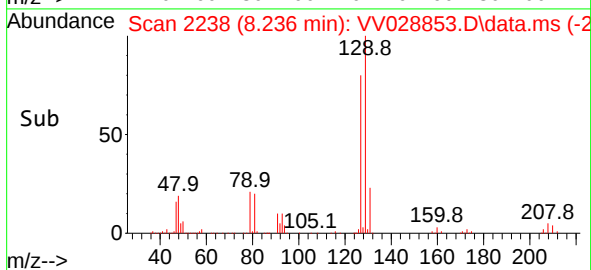
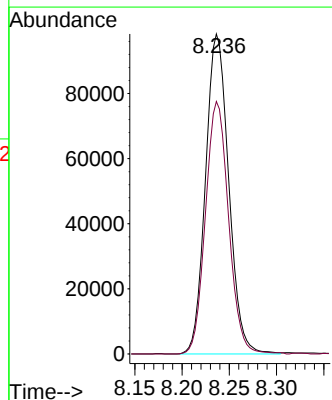
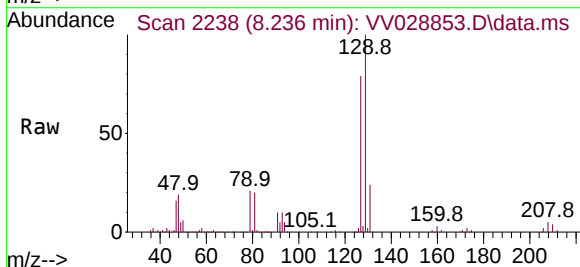
Instrument :
MSVOA_V
ClientSampleId :
VSTD050372

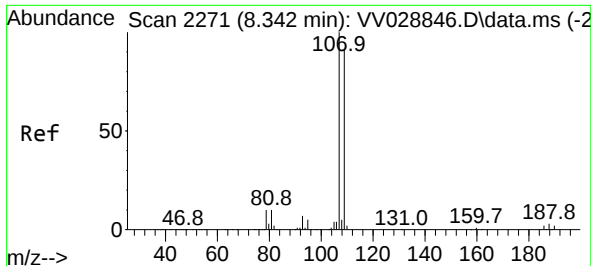
Tgt Ion: 43 Resp: 447484
Ion Ratio Lower Upper
43 100
58 49.6 41.4 62.0
57 16.5 13.8 20.6
100 9.7 7.6 11.4



#49
Dibromochloromethane
Concen: 55.373 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

Tgt Ion: 129 Resp: 167689
Ion Ratio Lower Upper
129 100
127 78.9 55.3 102.7





#50

1,2-Dibromoethane

Concen: 50.032 ug/L

RT: 8.342 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028853.D

Acq: 09 Nov 2022 09:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD050372

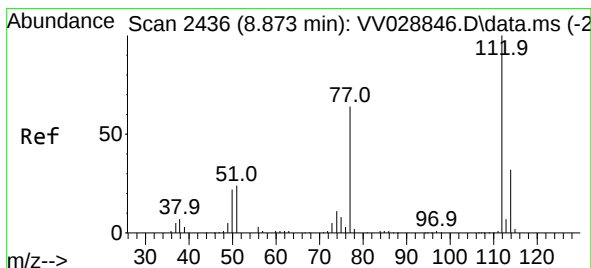
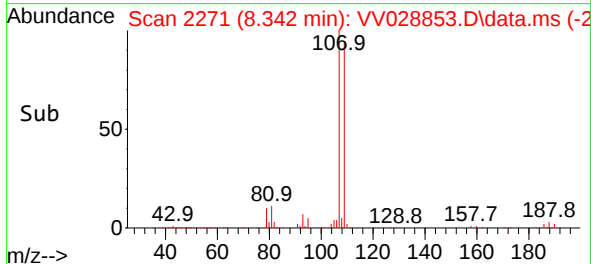
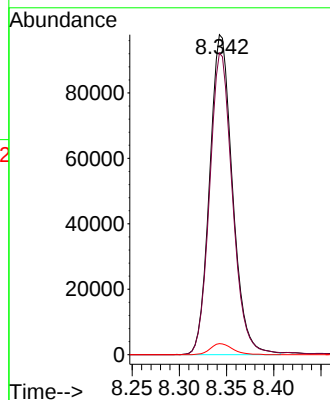
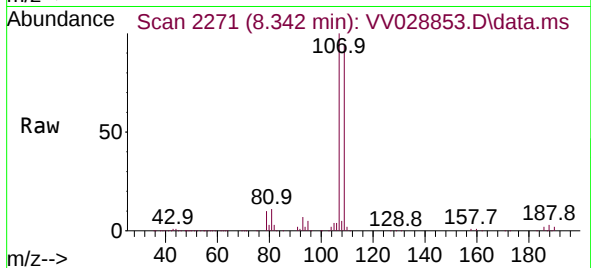
Tgt Ion:107 Resp: 164920

Ion Ratio Lower Upper

107 100

109 94.2 65.2 121.0

188 3.6 2.6 4.0



#51

Chlorobenzene

Concen: 49.841 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV028853.D

Acq: 09 Nov 2022 09:25

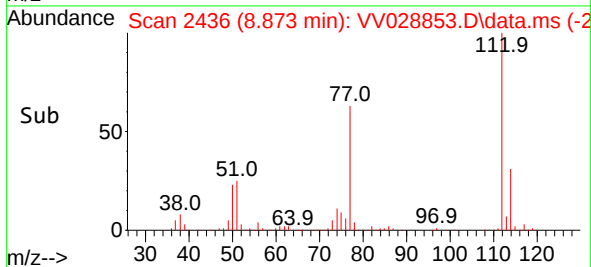
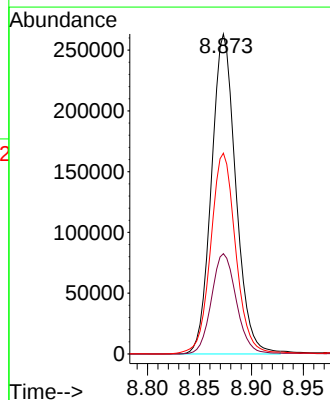
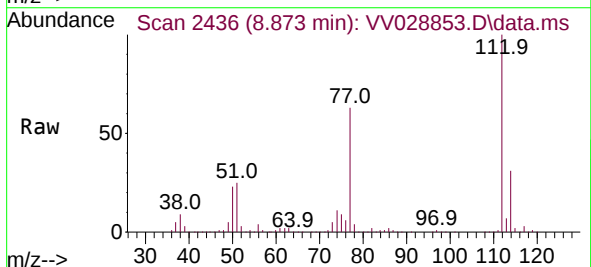
Tgt Ion:112 Resp: 428881

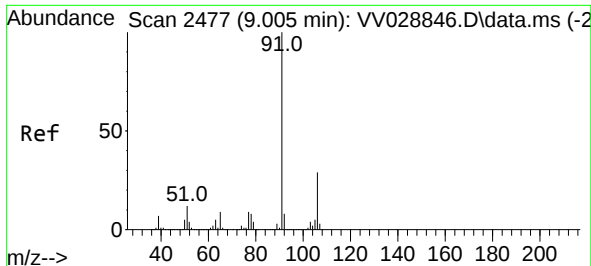
Ion Ratio Lower Upper

112 100

114 31.3 22.3 41.5

77 62.8 50.6 75.8

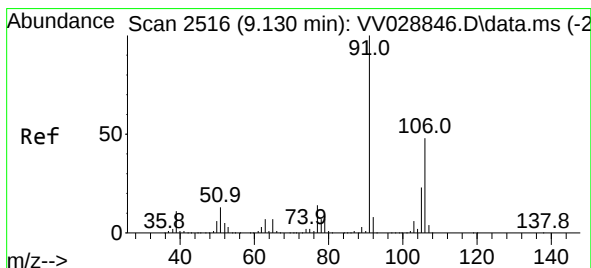
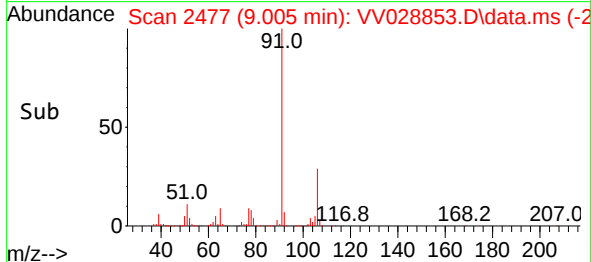
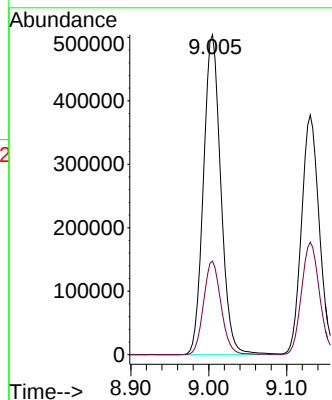
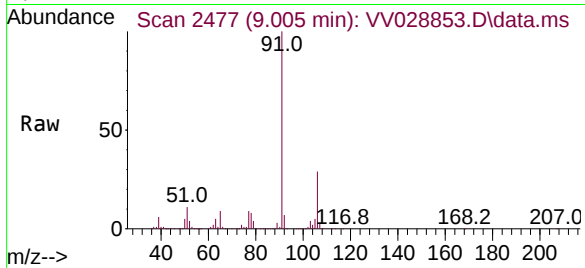




#52
Ethylbenzene
Concen: 51.717 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

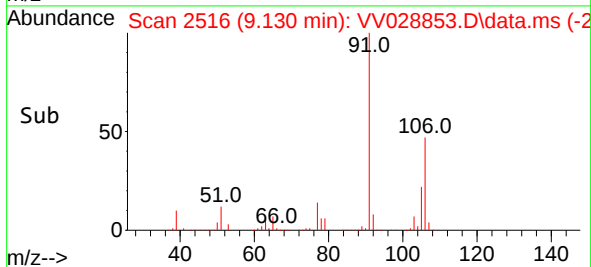
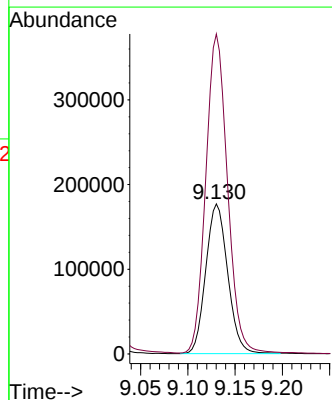
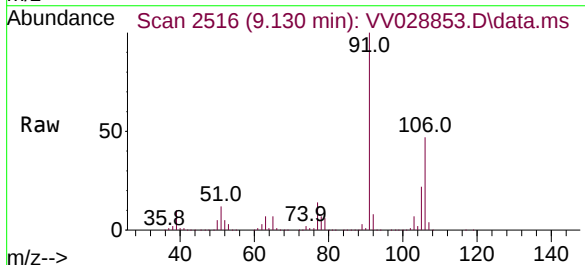
Instrument :
MSVOA_V
ClientSampleId :
VSTD050372

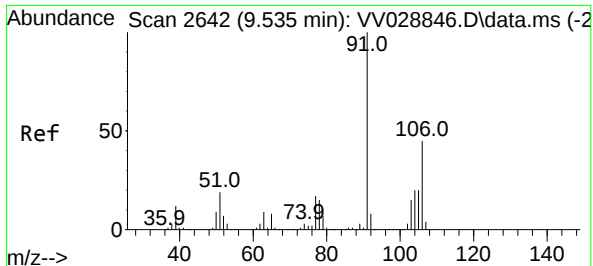
Tgt Ion: 91 Resp: 781818
Ion Ratio Lower Upper
91 100
106 29.2 20.4 38.0



#53
m,p-Xylene
Concen: 51.718 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

Tgt Ion: 106 Resp: 285155
Ion Ratio Lower Upper
106 100
91 213.2 146.2 271.6

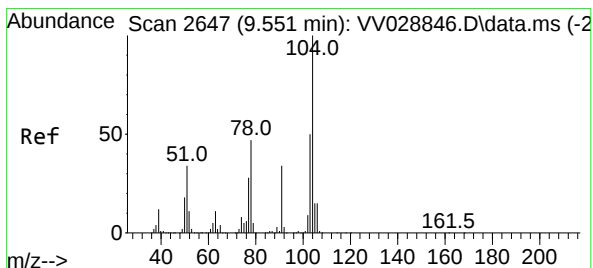
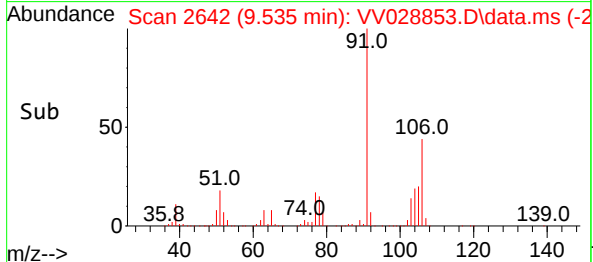
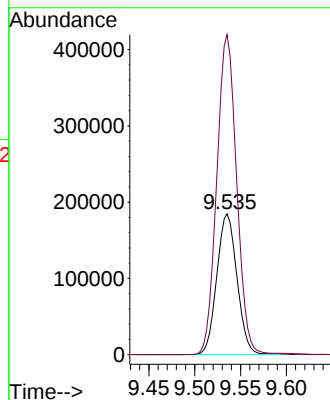
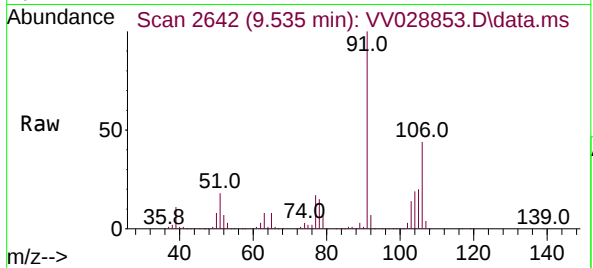




#54
o-Xylene
Concen: 51.439 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

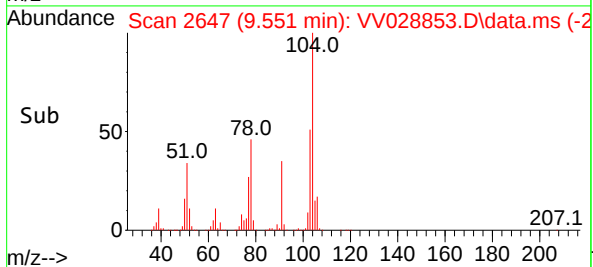
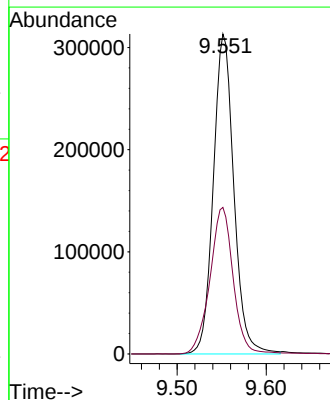
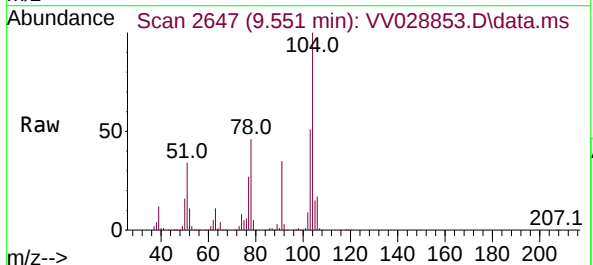
Instrument :
MSVOA_V
ClientSampleId :
VSTD050372

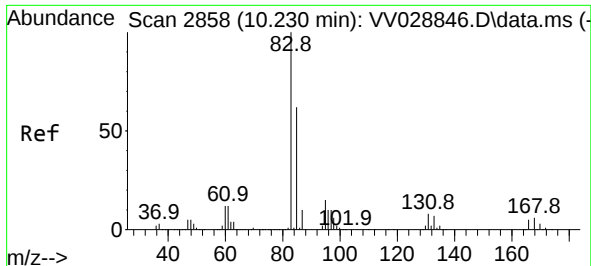
Tgt Ion:106 Resp: 283151
Ion Ratio Lower Upper
106 100
91 227.2 158.1 293.7



#55
Styrene
Concen: 53.167 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

Tgt Ion:104 Resp: 501884
Ion Ratio Lower Upper
104 100
78 45.8 31.9 59.3

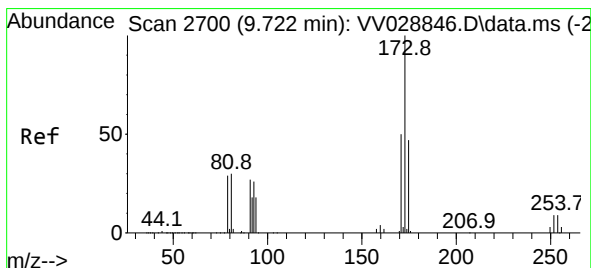
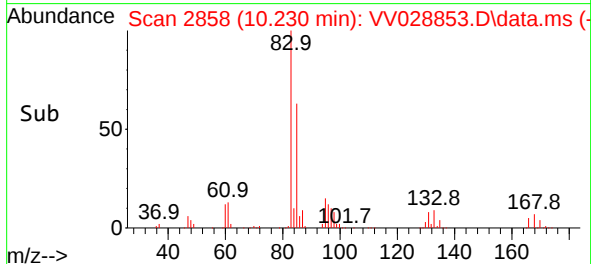
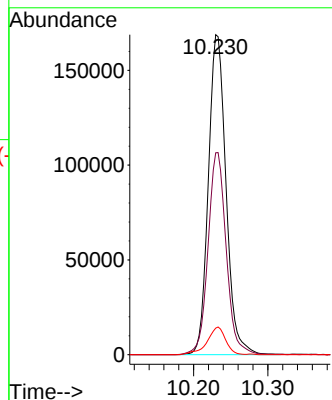
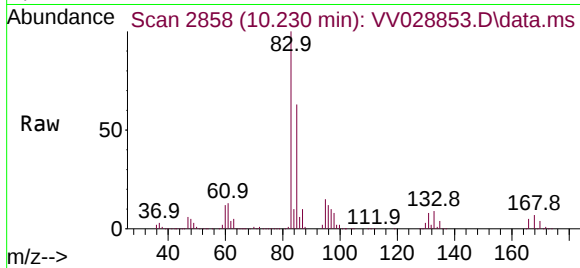




#57
1,1,2,2-Tetrachloroethane
Concen: 48.321 ug/L
RT: 10.230 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

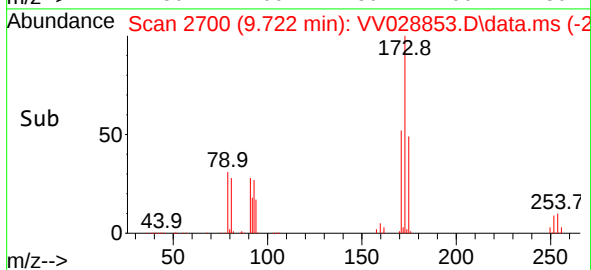
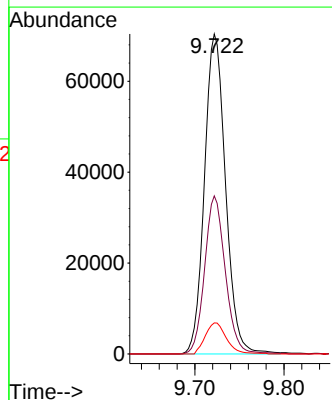
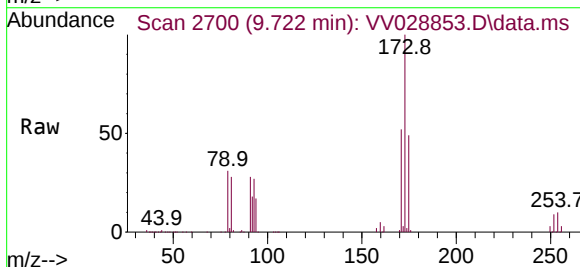
Instrument :
MSVOA_V
ClientSampleId :
VSTD050372

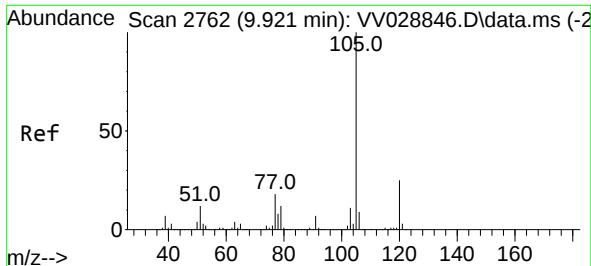
Tgt Ion: 83 Resp: 279008
Ion Ratio Lower Upper
83 100
85 63.1 44.4 82.4
131 8.3 6.5 9.7



#59
Bromoform
Concen: 57.541 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

Tgt Ion: 173 Resp: 115860
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 9.7 7.2 10.8

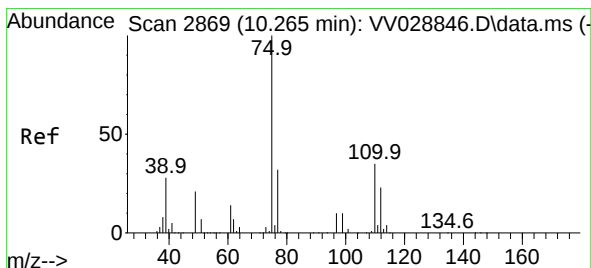
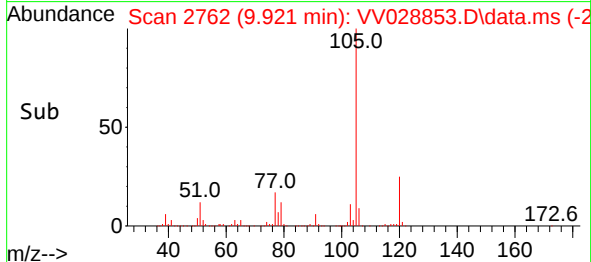
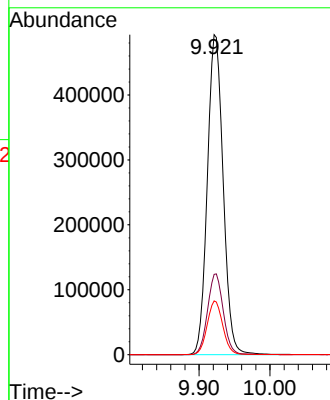
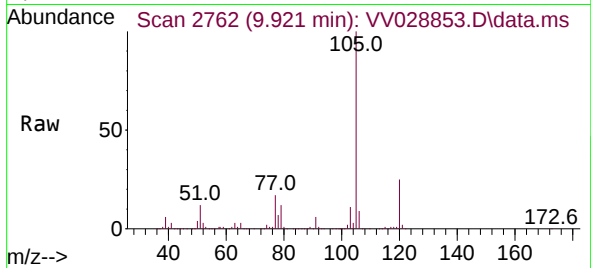




#60
Isopropylbenzene
Concen: 49.438 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

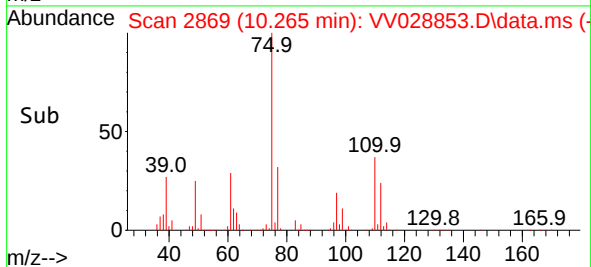
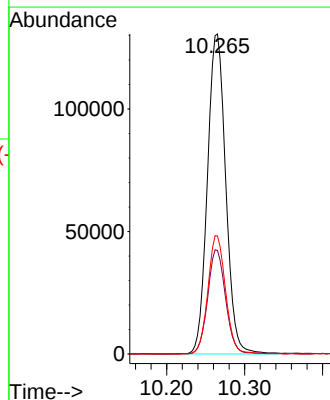
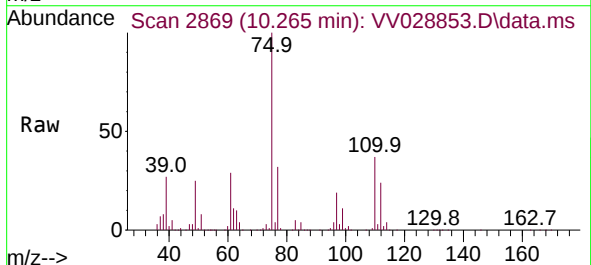
Instrument :
MSVOA_V
ClientSampleId :
VSTD050372

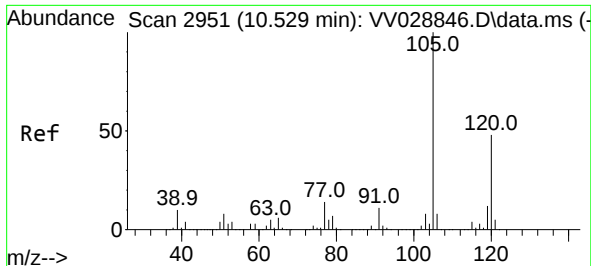
Tgt Ion:105 Resp: 761986
Ion Ratio Lower Upper
105 100
120 25.2 20.5 30.7
77 16.6 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 44.241 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

Tgt Ion: 75 Resp: 213235
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
110 35.7 28.2 42.2

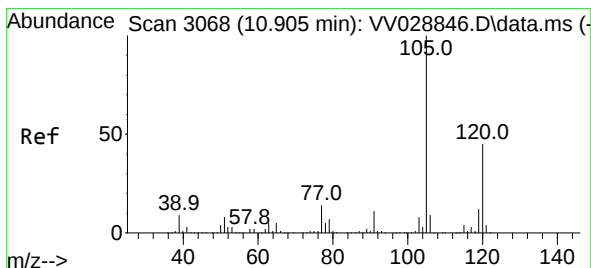
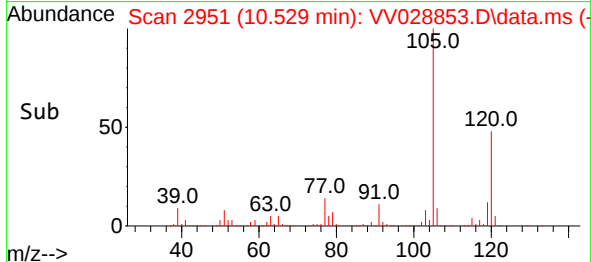
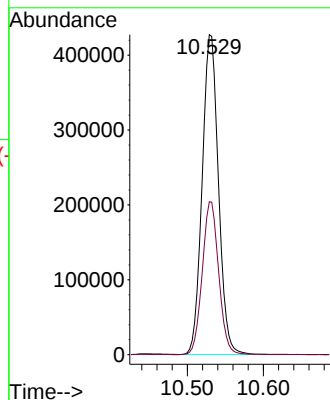
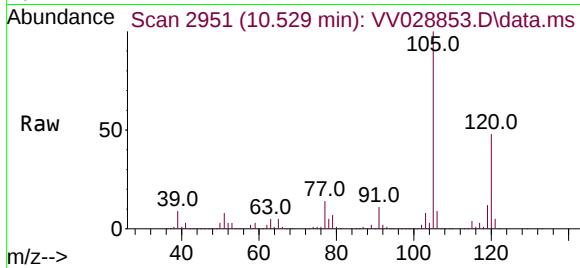




#62
1,3,5-Trimethylbenzene
Concen: 49.426 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

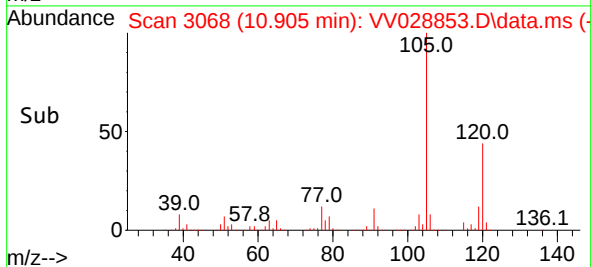
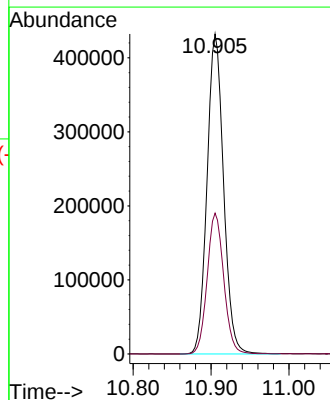
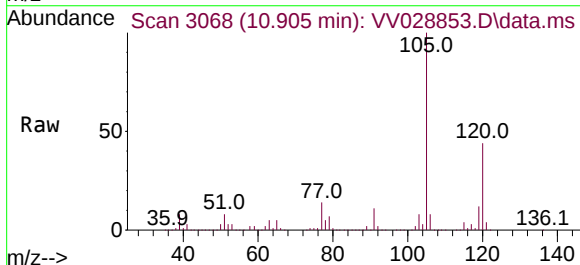
Instrument :
MSVOA_V
ClientSampleId :
VSTD050372

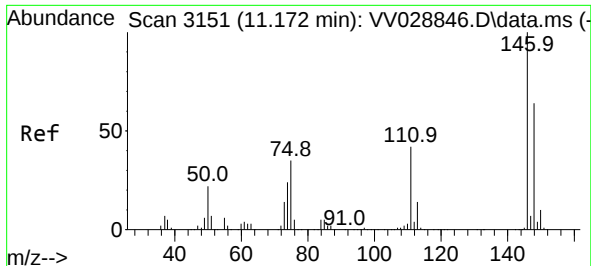
Tgt Ion:105 Resp: 635984
Ion Ratio Lower Upper
105 100
120 48.2 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 49.603 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

Tgt Ion:105 Resp: 634971
Ion Ratio Lower Upper
105 100
120 44.2 35.4 53.0

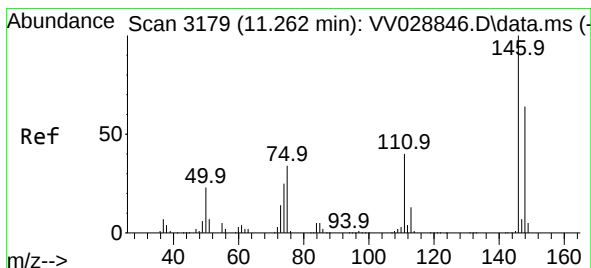
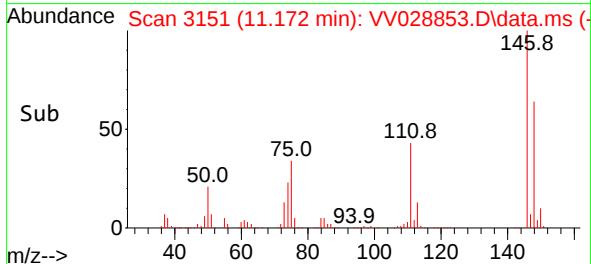
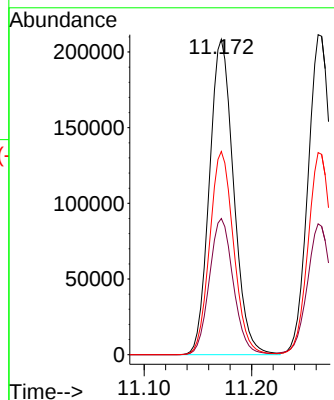
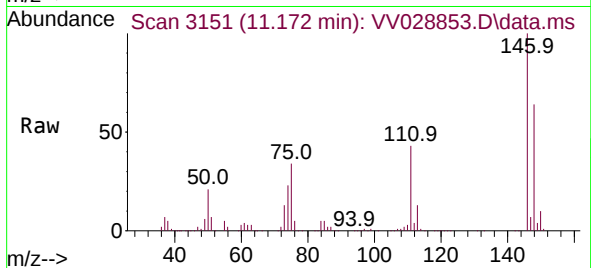




#64
1,3-Dichlorobenzene
Concen: 50.176 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

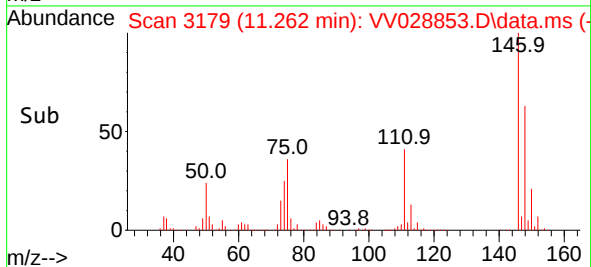
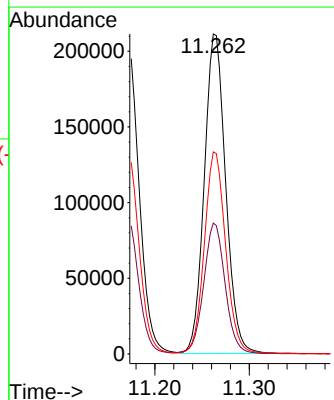
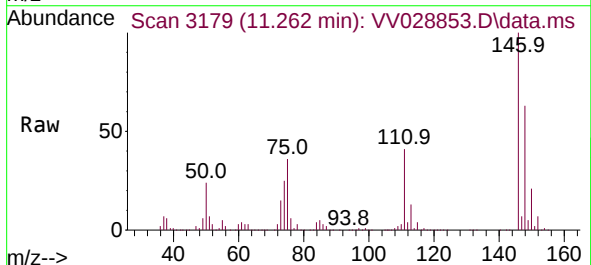
Instrument :
MSVOA_V
ClientSampleId :
VSTD050372

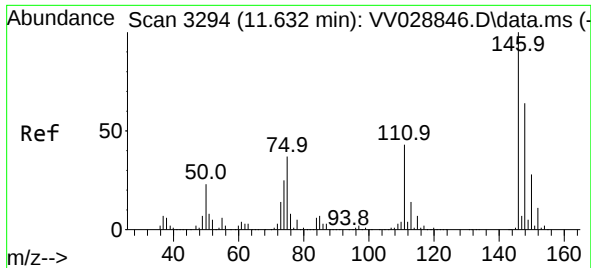
Tgt Ion:146 Resp: 326247
Ion Ratio Lower Upper
146 100
111 43.2 29.6 55.0
148 64.4 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 50.116 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV028853.D
Acq: 09 Nov 2022 09:25

Tgt Ion:146 Resp: 332011
Ion Ratio Lower Upper
146 100
111 40.9 28.7 53.3
148 63.1 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 49.749 ug/L

RT: 11.632 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV028853.D

Acq: 09 Nov 2022 09:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD050372

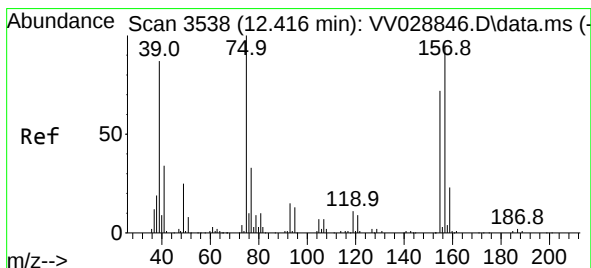
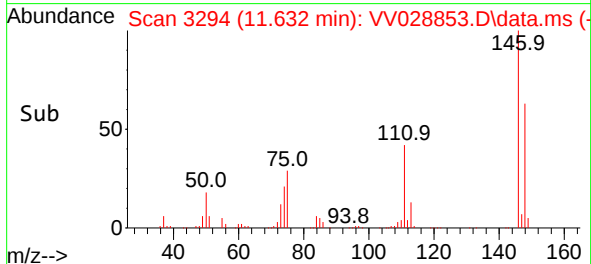
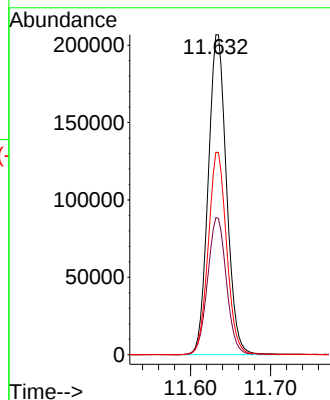
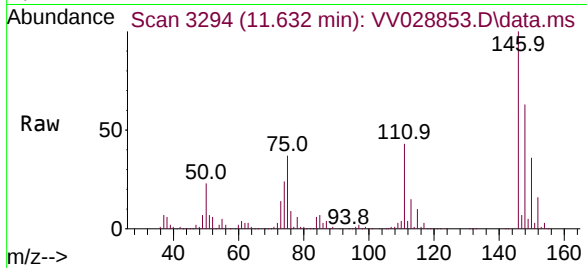
Tgt Ion:146 Resp: 329062

Ion Ratio Lower Upper

146 100

111 42.9 34.2 51.2

148 63.3 49.5 74.3



#68

1,2-Dibromo-3-chloropropane

Concen: 44.316 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. 0.000 min

Lab File: VV028853.D

Acq: 09 Nov 2022 09:25

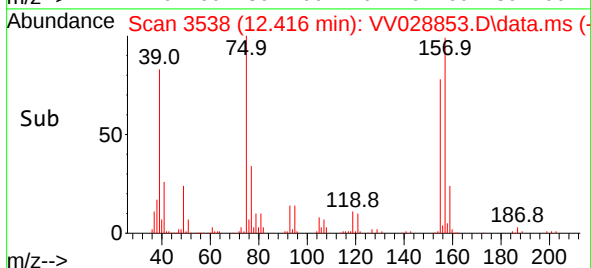
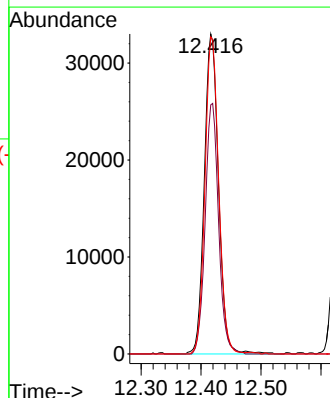
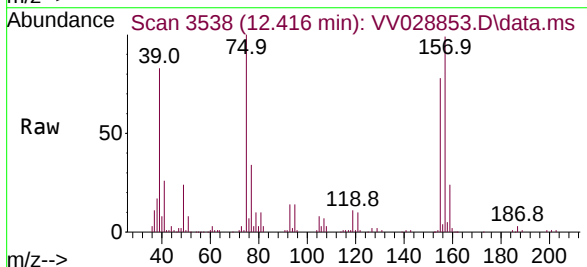
Tgt Ion: 75 Resp: 54417

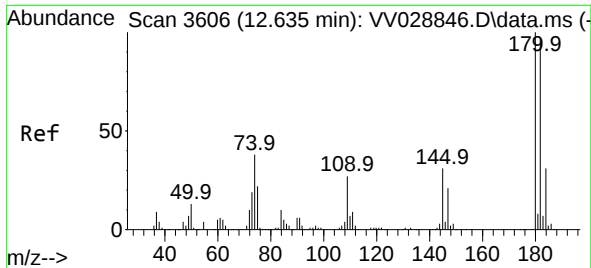
Ion Ratio Lower Upper

75 100

155 77.8 59.4 89.0

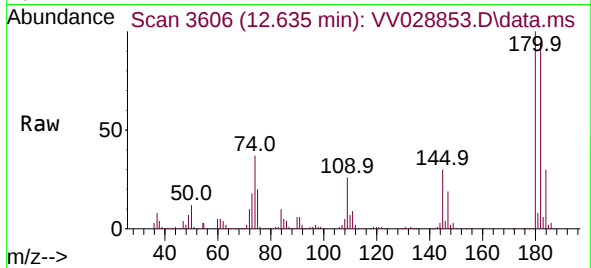
157 99.1 74.9 112.3



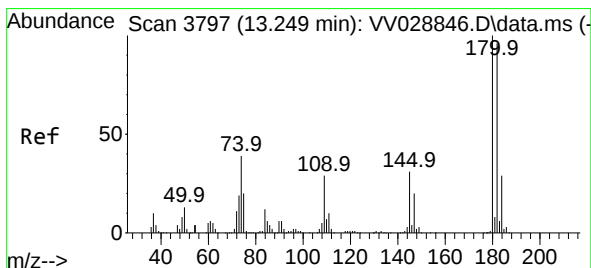
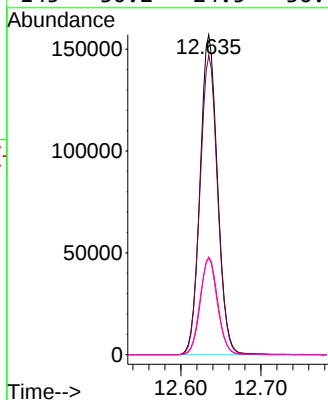
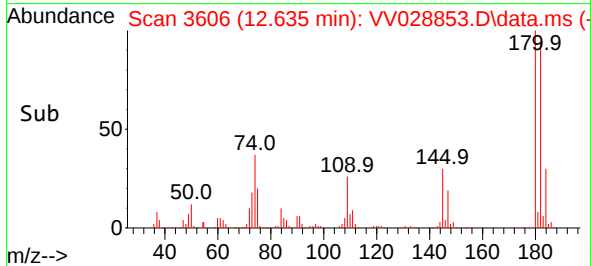


#69
 1,3,5-Trichlorobenzene
 Concen: 51.106 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VV028853.D
 Acq: 09 Nov 2022 09:25

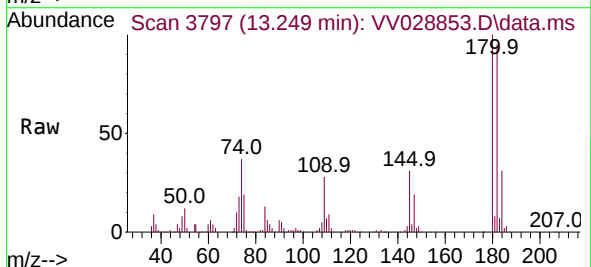
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050372



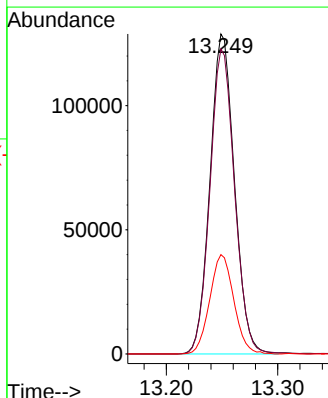
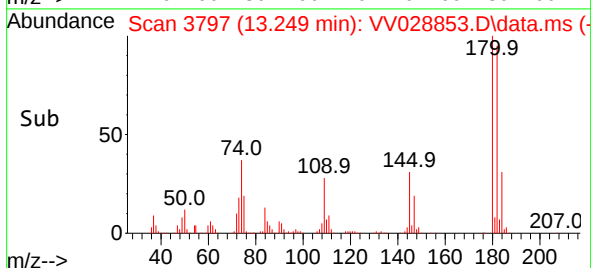
Tgt Ion:180 Resp: 238286
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.6 113.4
 184 30.4 23.9 35.9
 145 30.2 24.5 36.7

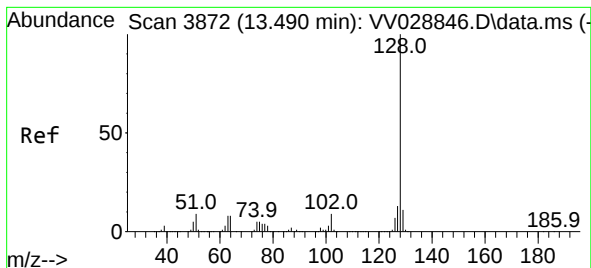


#70
 1,2,4-trichlorobenzene
 Concen: 49.159 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.000 min
 Lab File: VV028853.D
 Acq: 09 Nov 2022 09:25



Tgt Ion:180 Resp: 196146
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.6 115.0
 145 30.6 25.1 37.7





#71

Naphthalene

Concen: 39.531 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. 0.000 min

Lab File: VV028853.D

Acq: 09 Nov 2022 09:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD050372

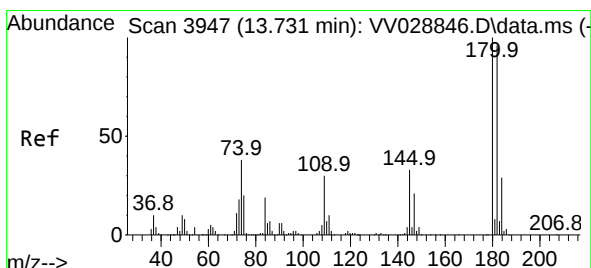
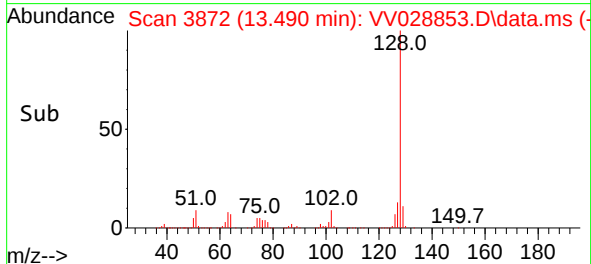
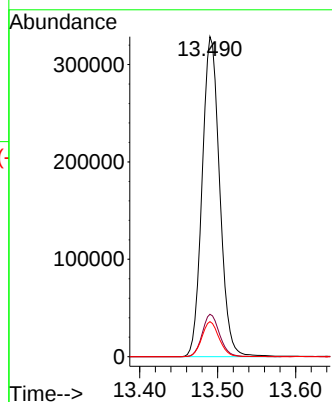
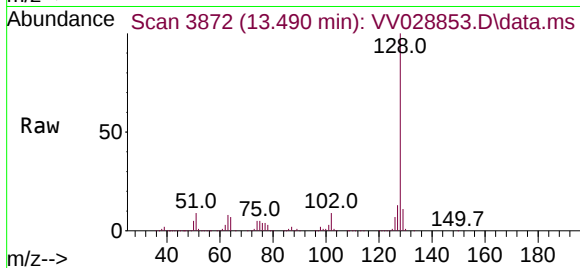
Tgt Ion:128 Resp: 513556

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 48.519 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV028853.D

Acq: 09 Nov 2022 09:25

Tgt Ion:180 Resp: 195948

Ion Ratio Lower Upper

180 100

182 93.7 75.5 113.3

145 32.4 26.2 39.4

