

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051322\
 Data File : VW025893.D
 Acq On : 13 May 2022 16:08
 Operator : SY/MD
 Sample : VSTD00545
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005245

Quant Time: May 14 06:59:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 14 06:57:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	167274	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	169638	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	94563	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	71326	4.154	ug/L	0.00
7) Chloroethane-d5	1.568	69	60429	4.013	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	153814	4.564	ug/L	0.00
20) 2-Butanone-d5	3.908	46	63005	27.733	ug/L	0.00
24) Chloroform-d	4.352	84	115279	4.442	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	49076	4.300	ug/L	0.00
32) Benzene-d6	5.050	84	230255	4.483	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	65836	4.360	ug/L	0.00
41) Toluene-d8	7.317	98	218214	4.664	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	21256	4.419	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	76628	41.927	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41484	4.324	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	65439	4.188	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	88022	4.478	ug/L	100
3) Chloromethane	1.243	50	101751	4.462	ug/L	100
5) Vinyl chloride	1.310	62	108294	4.699	ug/L	100
6) Bromomethane	1.523	94	62916	4.941	ug/L	100
8) Chloroethane	1.587	64	70423	4.724	ug/L	100
9) Trichlorofluoromethane	1.754	101	147265	4.657	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	82275	4.796	ug/L	100
12) 1,1-Dichloroethene	2.121	96	80166	4.862	ug/L	100
13) Acetone	2.188	43	48681	29.525	ug/L	79
14) Carbon disulfide	2.294	76	201375	4.786	ug/L	100
15) Methyl Acetate	2.442	43	13399	3.503	ug/L	100
16) Methylene chloride	2.506	84	72332	4.538	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	120966	4.843	ug/L	100
18) trans-1,2-Dichloroethene	2.760	96	69014	4.788	ug/L	100
19) 1,1-Dichloroethane	3.191	63	129165	4.998	ug/L	100
21) 2-Butanone	3.989	43	81453	36.529	ug/L	85
22) cis-1,2-Dichloroethene	3.915	96	69351	4.724	ug/L	100
23) Bromochloromethane	4.249	128	28519	4.763	ug/L	100
25) Chloroform	4.375	83	134022	4.965	ug/L	100
27) 1,2-Dichloroethane	5.133	62	70193	4.834	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	117267	5.004	ug/L	100
30) Cyclohexane	4.680	56	103046	4.858	ug/L	100
31) Carbon tetrachloride	4.828	117	98491	4.917	ug/L	100
33) Benzene	5.101	78	291058	5.037	ug/L	100
34) Trichloroethene	5.915	95	73200	4.814	ug/L	100
35) Methylcyclohexane	6.130	83	110338	4.741	ug/L	100
37) 1,2-Dichloropropane	6.172	63	66678	4.792	ug/L	100
38) Bromodichloromethane	6.509	83	84273	4.845	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	88825	5.085	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	316907	53.602	ug/L	100
42) Toluene	7.387	91	316541	5.130	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	71462	5.160	ug/L	100

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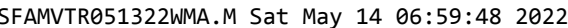
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005245

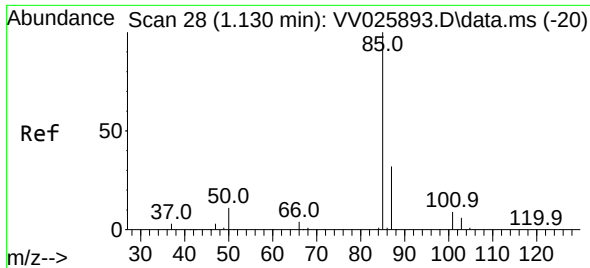
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	44781	4.991	ug/L	100
47) Tetrachloroethene	7.976	164	55786	4.323	ug/L	100
48) 2-Hexanone	8.140	43	226247	54.444	ug/L	100
49) Dibromochloromethane	8.246	129	49762	5.000	ug/L	100
50) 1,2-Dibromoethane	8.352	107	40432	5.068	ug/L	100
51) Chlorobenzene	8.882	112	192190	4.901	ug/L	100
52) Ethylbenzene	9.011	91	316504	4.954	ug/L	100
53) m,p-Xylene	9.136	106	124331	4.942	ug/L	100
54) o-Xylene	9.545	106	118319	4.970	ug/L	100
55) Styrene	9.561	104	203599	5.187	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	48484	5.033	ug/L	100
59) Bromoform	9.731	173	22795	4.997	ug/L	100
60) Isopropylbenzene	9.931	105	319922	4.910	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	37069	4.775	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	130266	4.664	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	246475	4.829	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	148146	4.930	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	145692	4.772	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	128617	4.811	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	7004	4.857	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	107178	4.737	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	78815	4.687	ug/L	100
71) Naphthalene	13.500	128	112603	4.701	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	68949	4.990	ug/L	100

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

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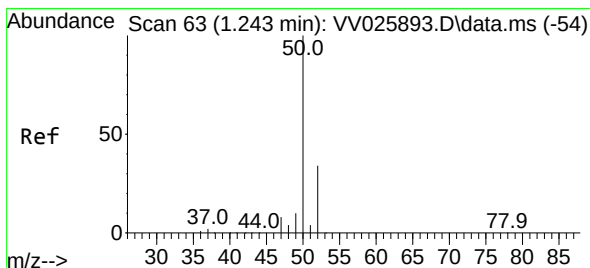
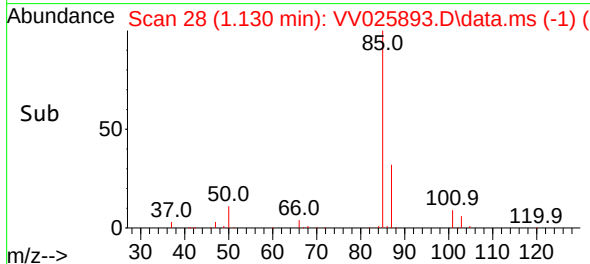
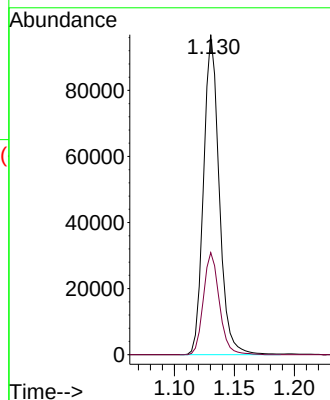
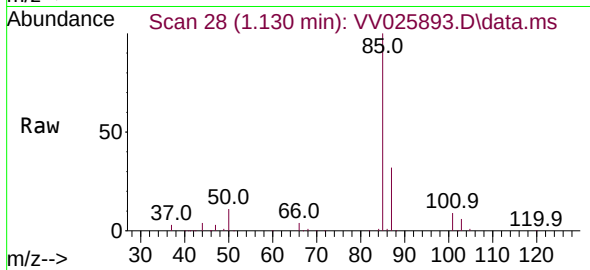




#2
 Dichlorodifluoromethane
 Concen: 4.478 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025893.D
 Acq: 13 May 2022 16:08

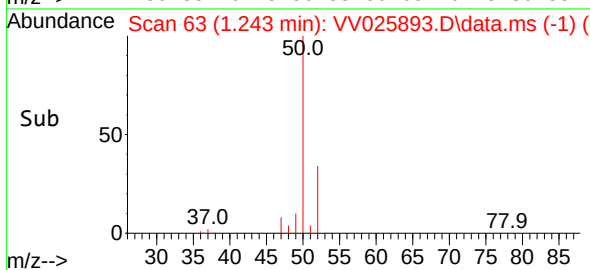
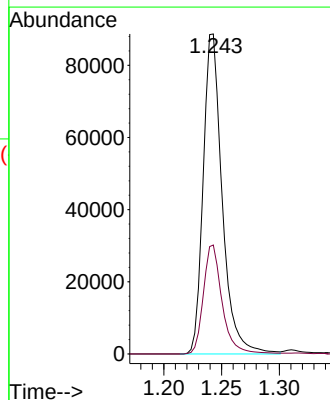
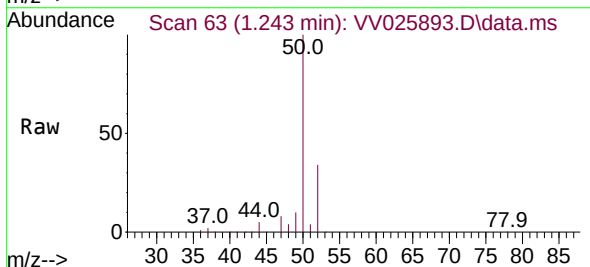
Instrument :
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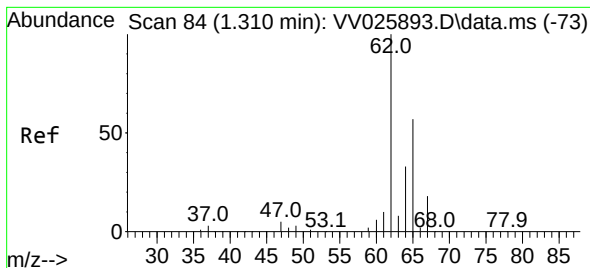
Tgt Ion: 85 Resp: 88022
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 4.462 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025893.D
 Acq: 13 May 2022 16:08

Tgt Ion: 50 Resp: 101751
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.9 44.3

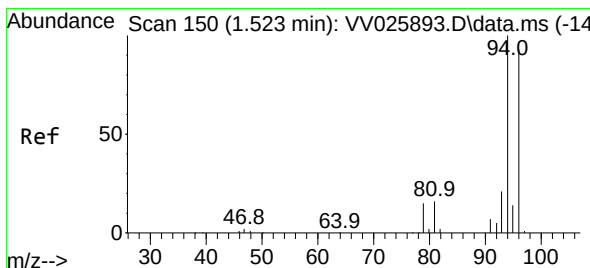
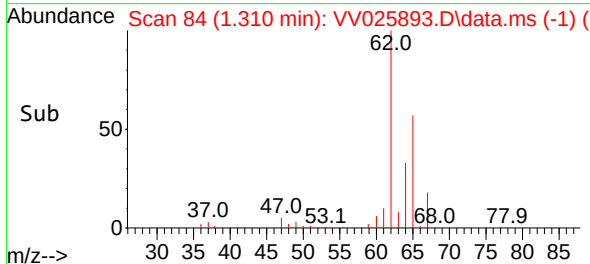
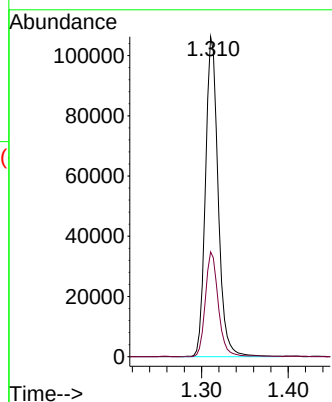
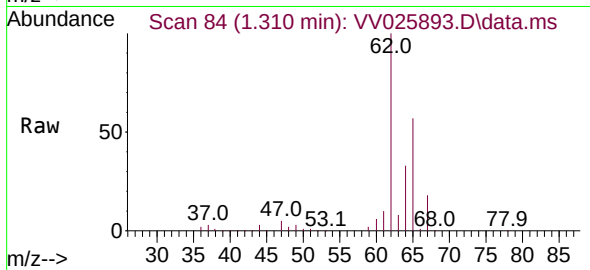




#5
 Vinyl chloride
 Concen: 4.699 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV025893.D
 Acq: 13 May 2022 16:08

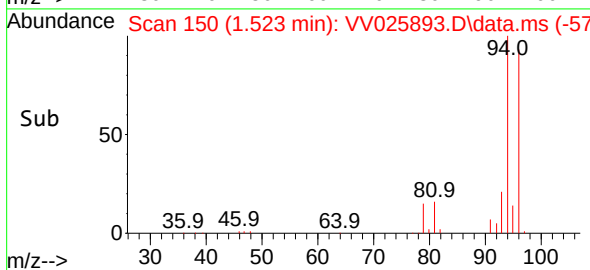
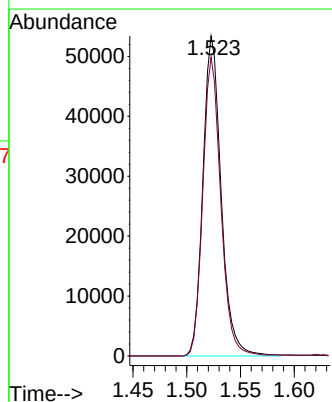
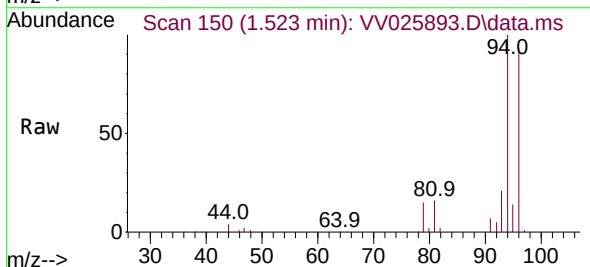
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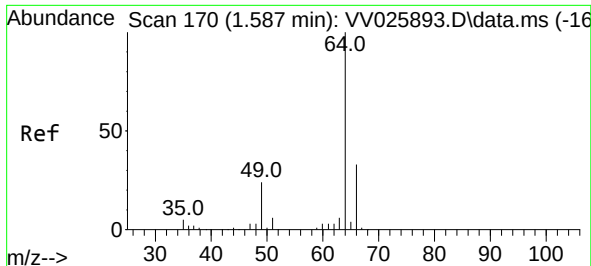
Tgt Ion: 62 Resp: 108294
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 4.941 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV025893.D
 Acq: 13 May 2022 16:08

Tgt Ion: 94 Resp: 62916
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.4 121.4

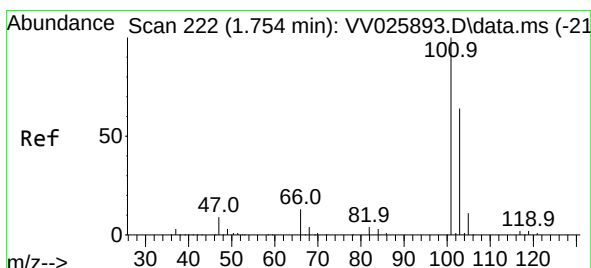
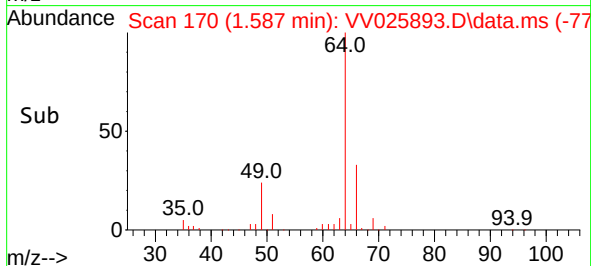
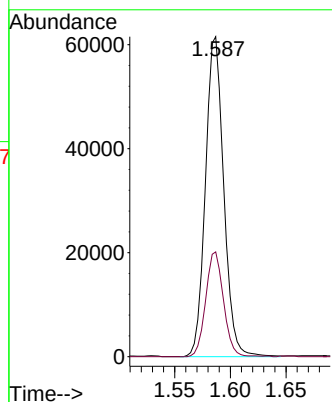
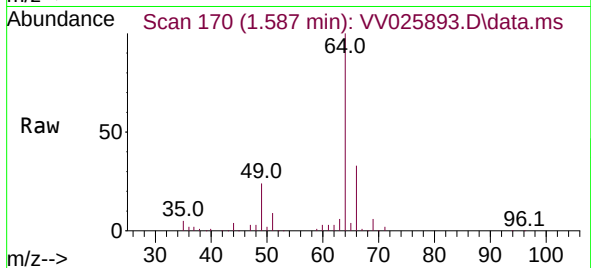




#8
Chloroethane
Concen: 4.724 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

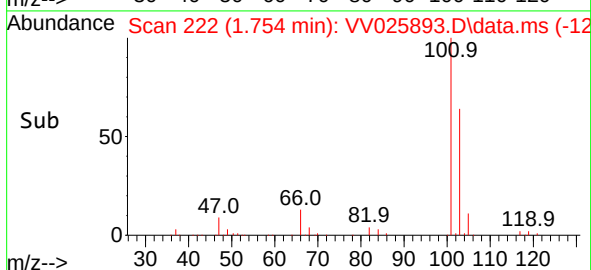
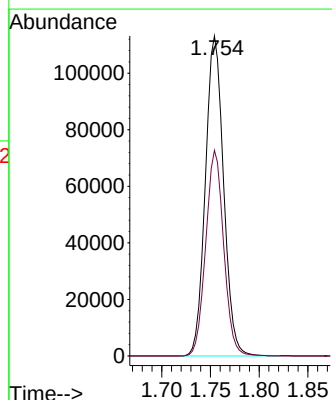
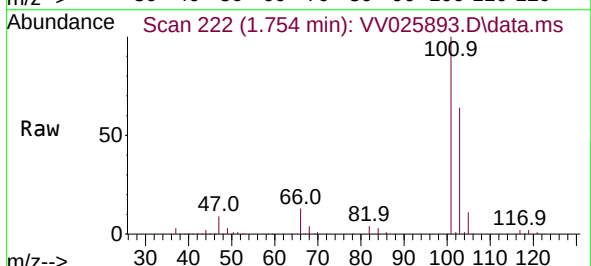
Instrument :
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ClientSampleId :
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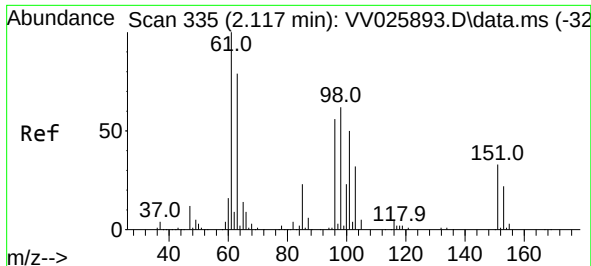
Tgt Ion: 64 Resp: 70423
Ion Ratio Lower Upper
64 100
66 32.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.657 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

Tgt Ion:101 Resp: 147265
Ion Ratio Lower Upper
101 100
103 63.3 50.6 76.0

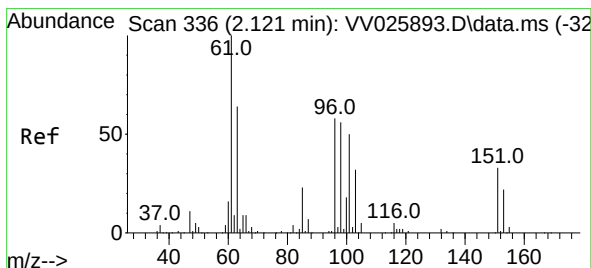
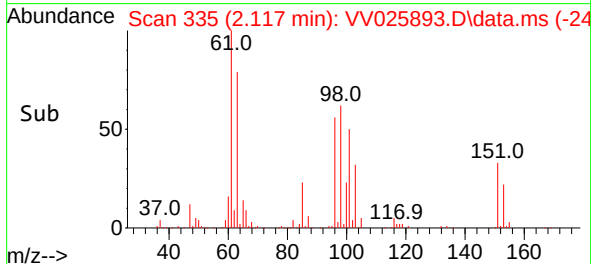
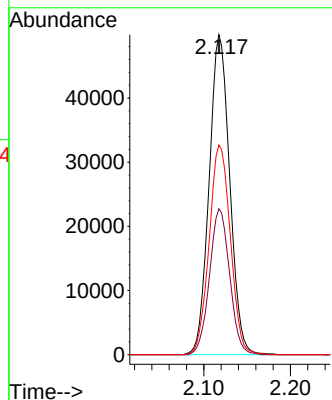
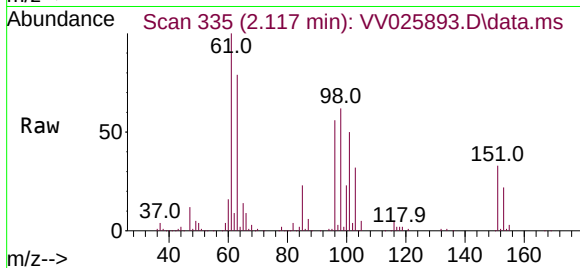




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.796 ug/L
 RT: 2.117 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV025893.D
 Acq: 13 May 2022 16:08

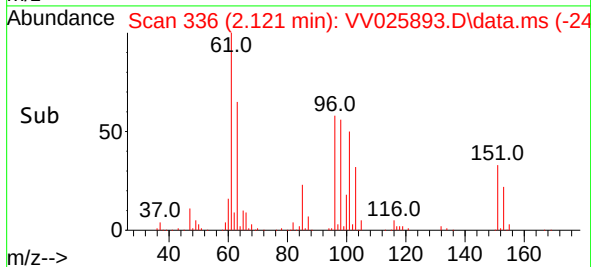
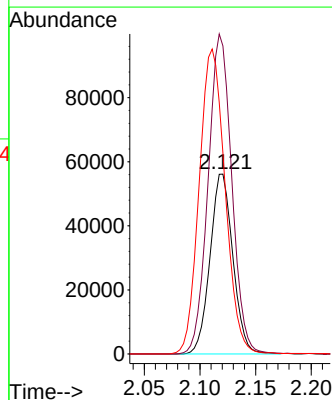
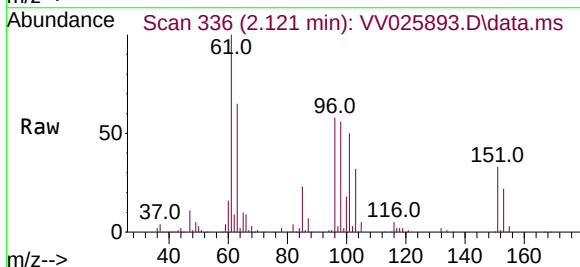
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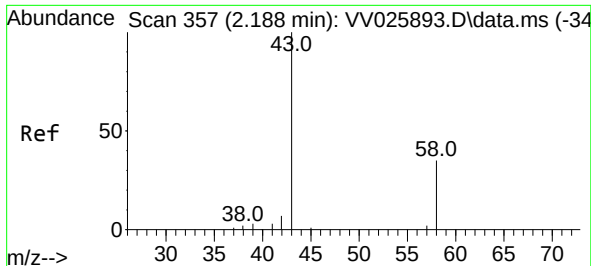
Tgt Ion:101 Resp: 82275
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.7 53.5
 151 67.6 54.1 81.1



#12
 1,1-Dichloroethene
 Concen: 4.862 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025893.D
 Acq: 13 May 2022 16:08

Tgt Ion: 96 Resp: 80166
 Ion Ratio Lower Upper
 96 100
 61 171.2 119.8 222.6
 63 111.8 78.3 145.3





#13

Acetone

Concen: 29.525 ug/L

RT: 2.188 min Scan# 3

Delta R.T. 0.000 min

Lab File: VV025893.D

Acq: 13 May 2022 16:08

Instrument :

MSVOA_V

ClientSampleId :

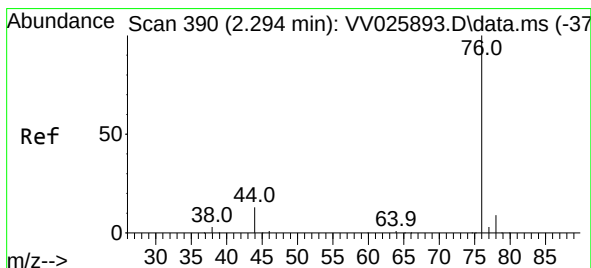
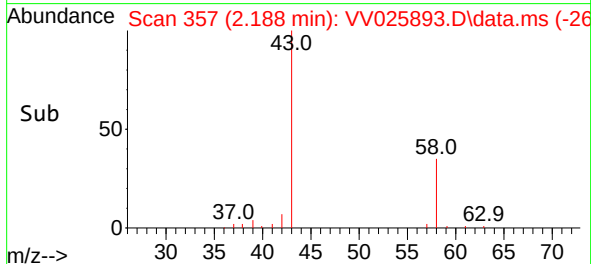
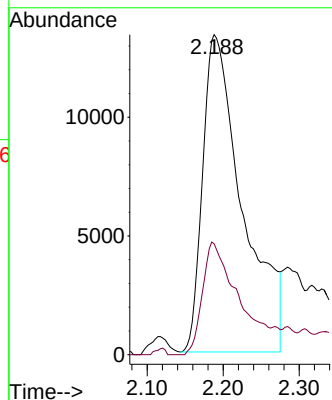
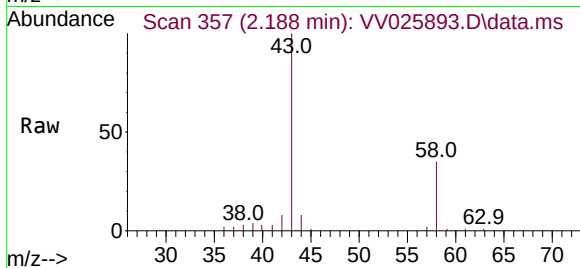
VSTD005245

Tgt Ion: 43 Resp: 48681

Ion Ratio Lower Upper

43 100

58 32.3 0.0 44.6



#14

Carbon disulfide

Concen: 4.786 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV025893.D

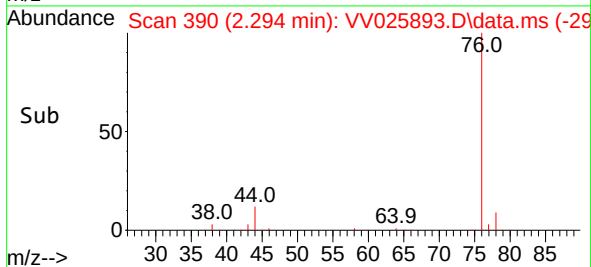
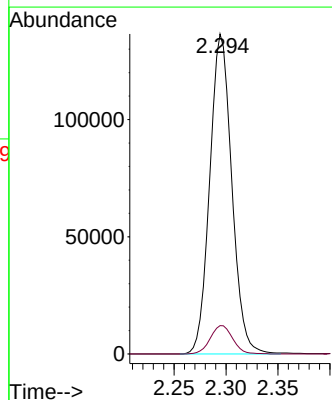
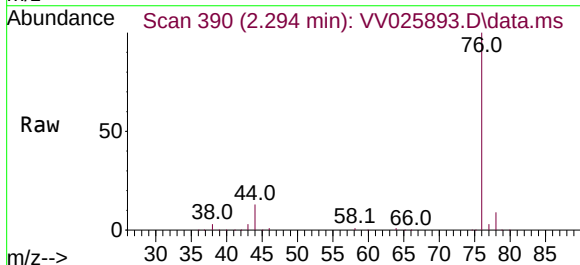
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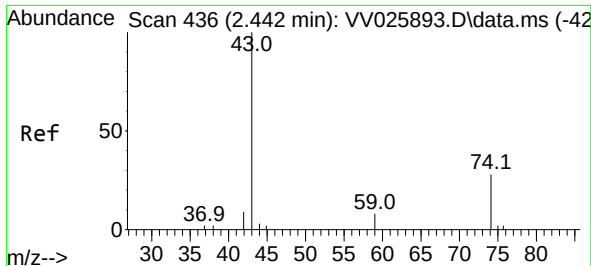
Tgt Ion: 76 Resp: 201375

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

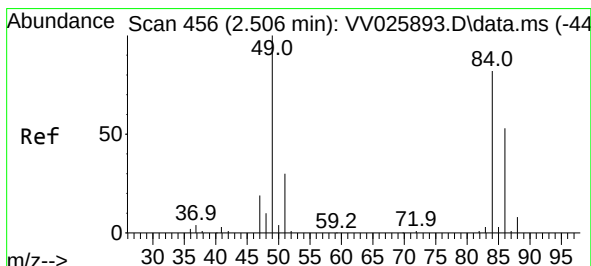
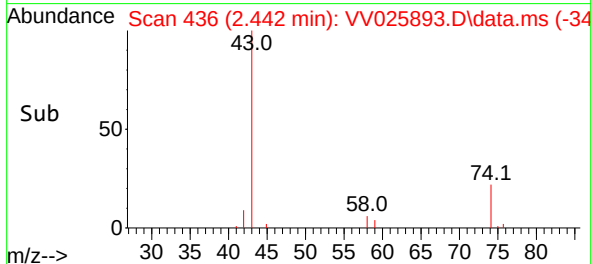
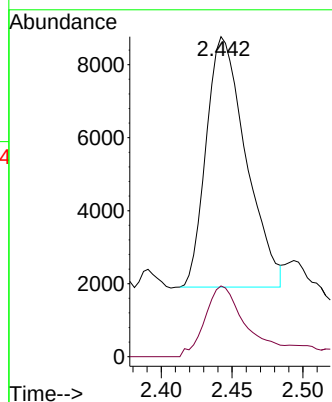
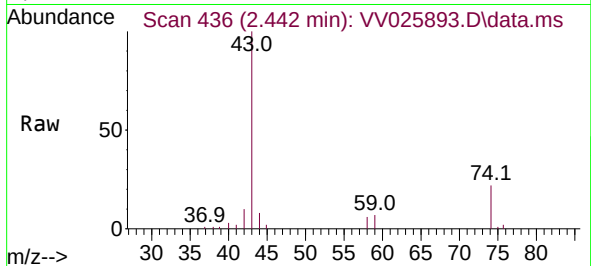




#15
Methyl Acetate
Concen: 3.503 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

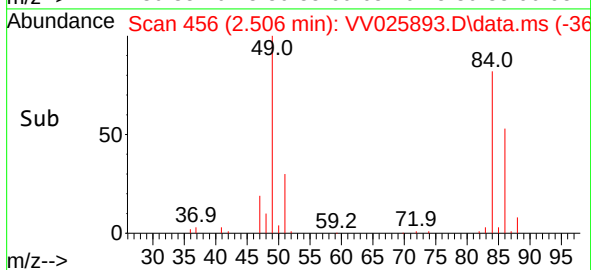
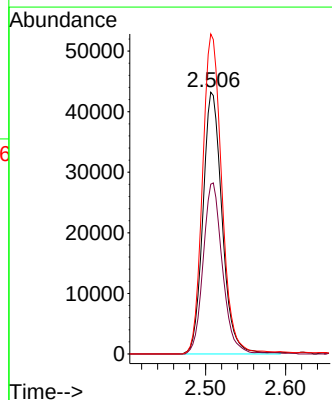
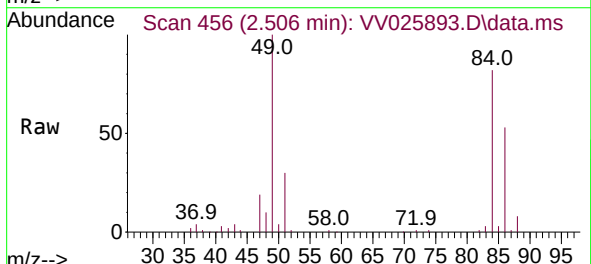
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ClientSampleId :
VSTD005245

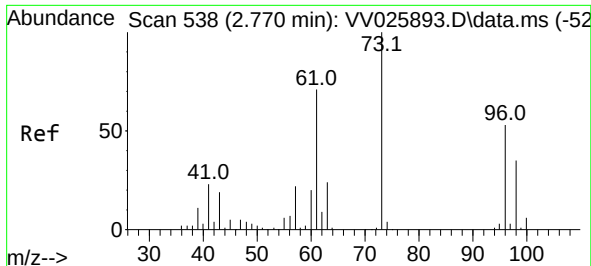
Tgt Ion: 43 Resp: 13399
Ion Ratio Lower Upper
43 100
74 29.1 23.3 34.9



#16
Methylene chloride
Concen: 4.538 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

Tgt Ion: 84 Resp: 72332
Ion Ratio Lower Upper
84 100
86 64.8 45.4 84.2
49 122.3 85.6 159.0

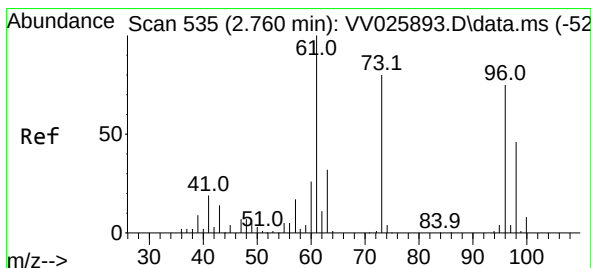
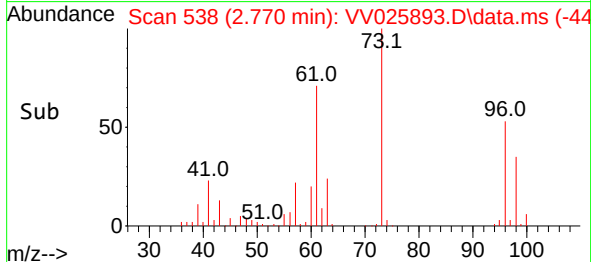
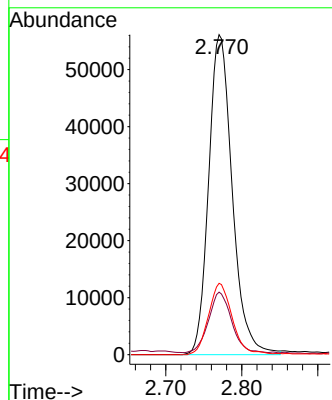
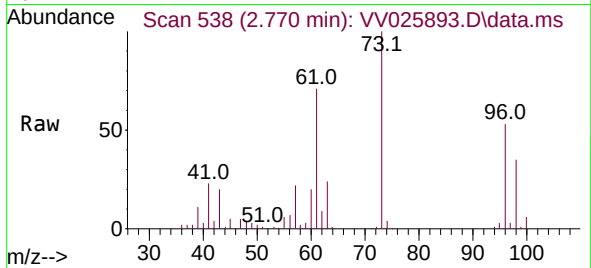




#17
Methyl tert-butyl Ether
Concen: 4.843 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

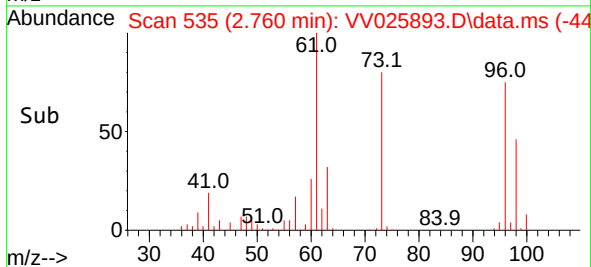
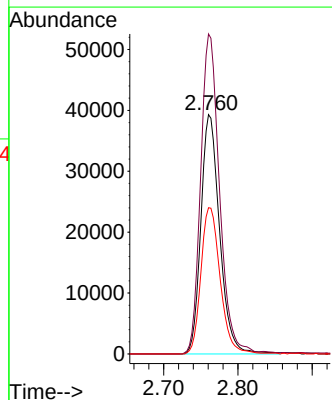
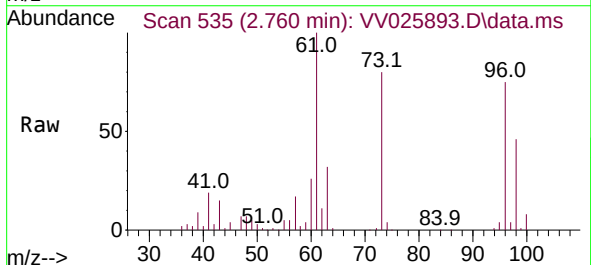
Instrument :
MSVOA_V
ClientSampleId :
VSTD005245

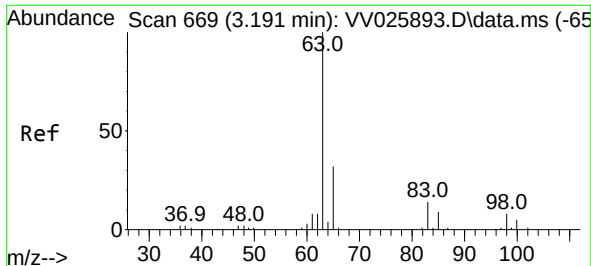
Tgt Ion: 73 Resp: 120966
Ion Ratio Lower Upper
73 100
43 18.3 14.6 22.0
57 22.4 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.788 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

Tgt Ion: 96 Resp: 69014
Ion Ratio Lower Upper
96 100
61 133.7 93.6 173.8
98 61.1 42.8 79.4





#19

1,1-Dichloroethane

Concen: 4.998 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.000 min

Lab File: VV025893.D

Acq: 13 May 2022 16:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005245

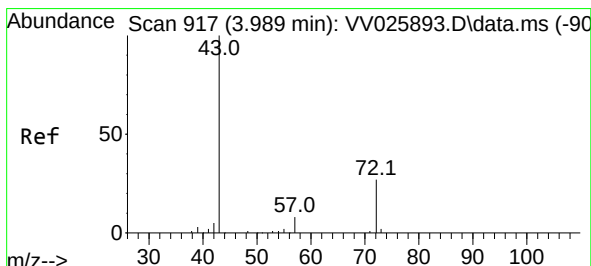
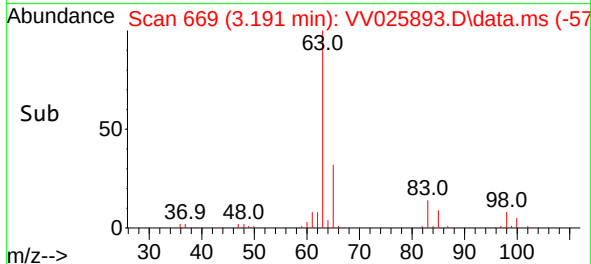
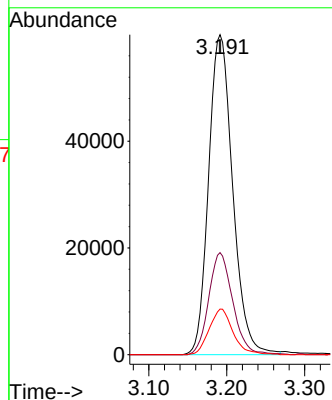
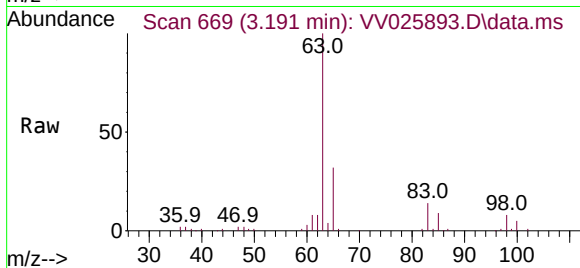
Tgt Ion: 63 Resp: 129165

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.5

83 14.3 10.0 18.6



#21

2-Butanone

Concen: 36.529 ug/L

RT: 3.989 min Scan# 917

Delta R.T. 0.000 min

Lab File: VV025893.D

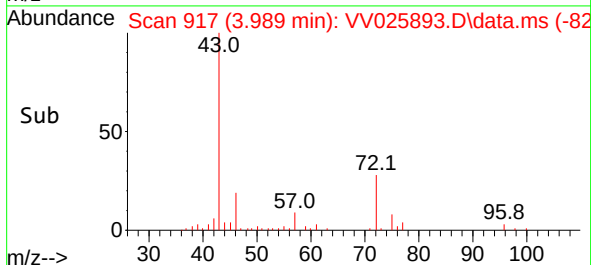
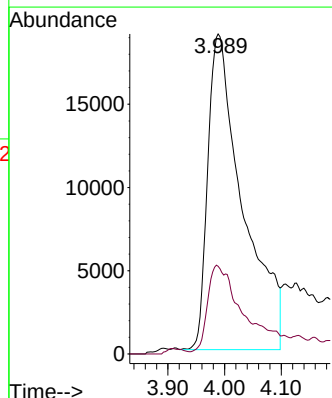
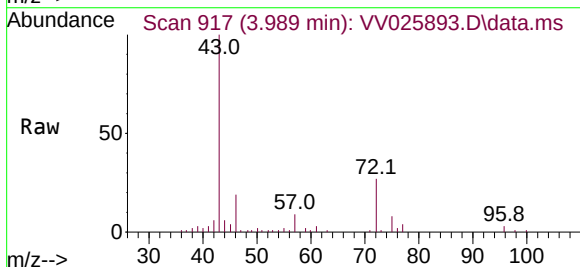
Acq: 13 May 2022 16:08

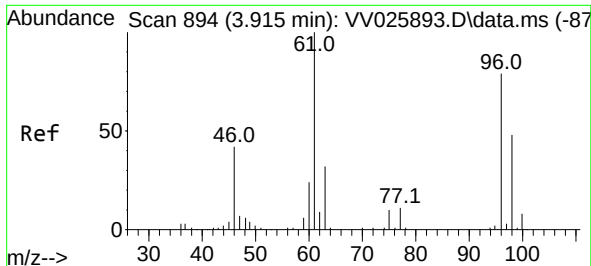
Tgt Ion: 43 Resp: 81453

Ion Ratio Lower Upper

43 100

72 27.9 10.5 31.6

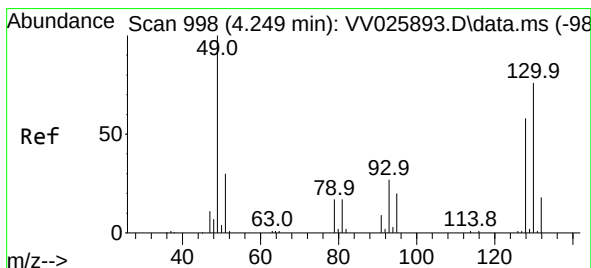
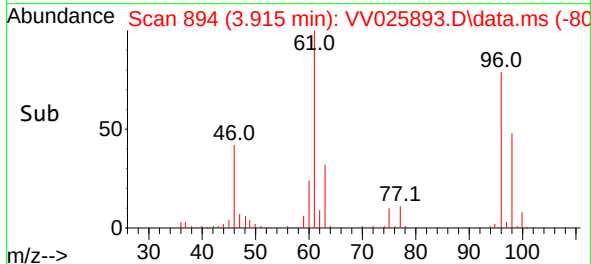
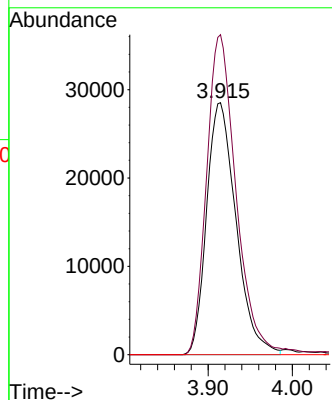
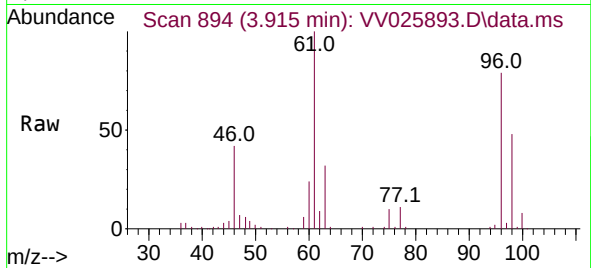




#22
 cis-1,2-Dichloroethene
 Concen: 4.724 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.000 min
 Lab File: VV025893.D
 Acq: 13 May 2022 16:08

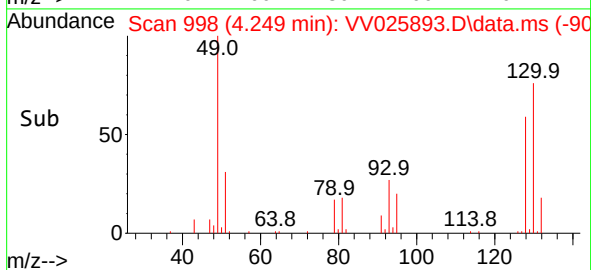
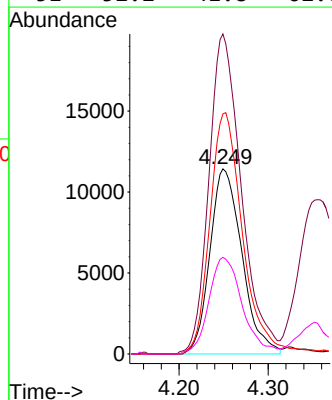
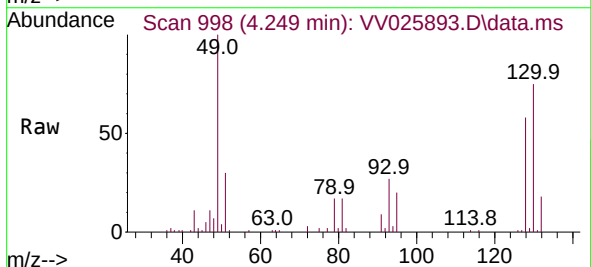
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005245

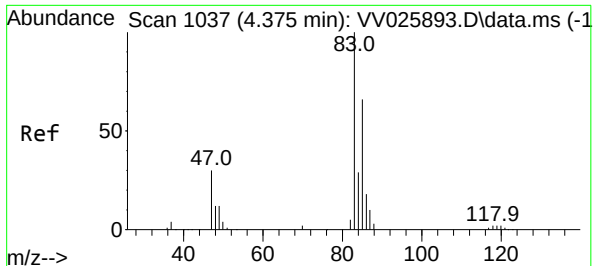
Tgt Ion: 96 Resp: 69351
 Ion Ratio Lower Upper
 96 100
 61 127.0 88.9 165.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.763 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.000 min
 Lab File: VV025893.D
 Acq: 13 May 2022 16:08

Tgt Ion: 128 Resp: 28519
 Ion Ratio Lower Upper
 128 100
 49 172.9 121.0 224.8
 130 129.7 90.8 168.6
 51 52.2 41.8 62.6

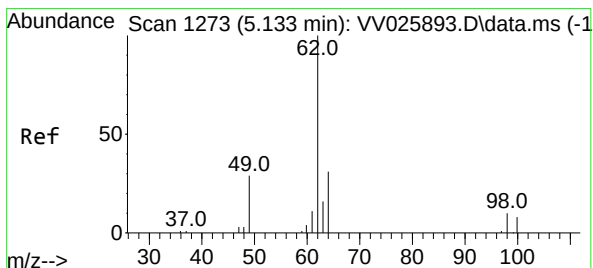
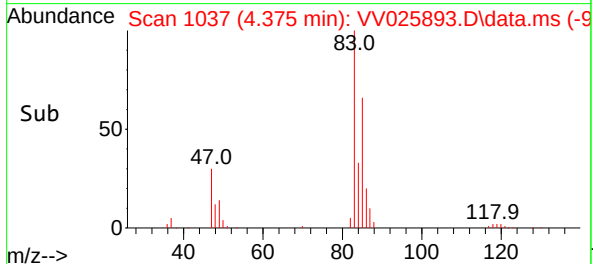
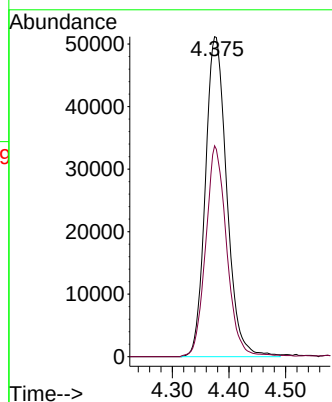
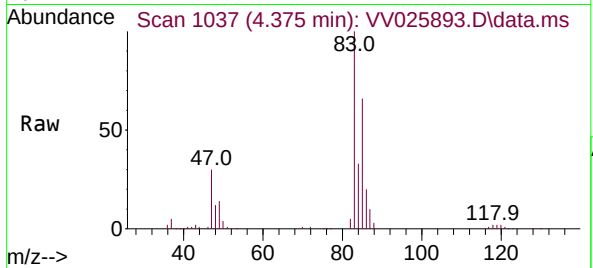




#25
Chloroform
Concen: 4.965 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

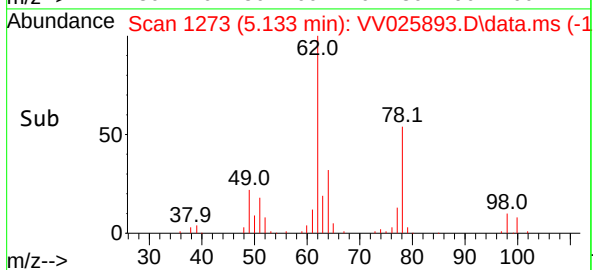
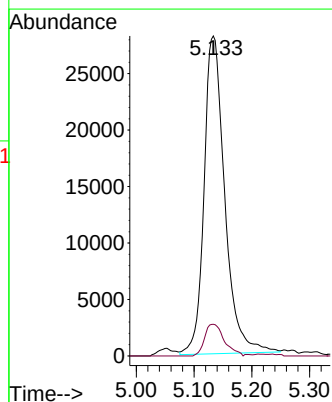
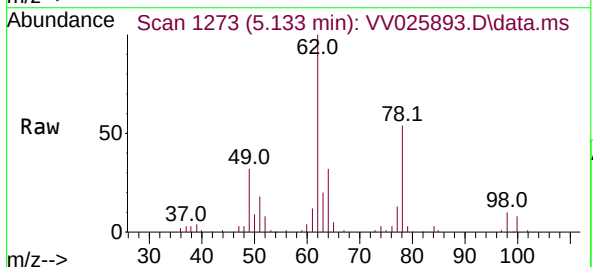
Instrument :
MSVOA_V
ClientSampleId :
VSTD005245

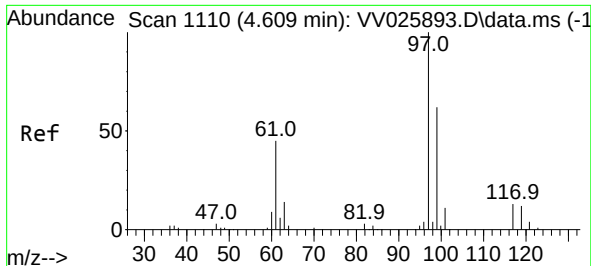
Tgt Ion: 83 Resp: 134022
Ion Ratio Lower Upper
83 100
85 65.9 46.1 85.7



#27
1,2-Dichloroethane
Concen: 4.834 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

Tgt Ion: 62 Resp: 70193
Ion Ratio Lower Upper
62 100
98 9.9 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.004 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV025893.D

Acq: 13 May 2022 16:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005245

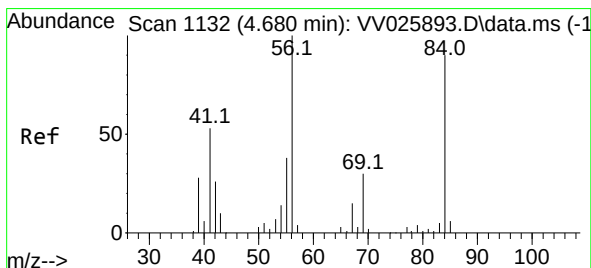
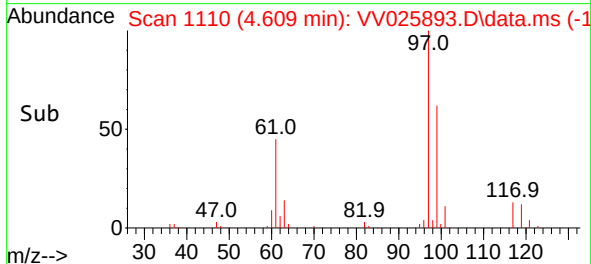
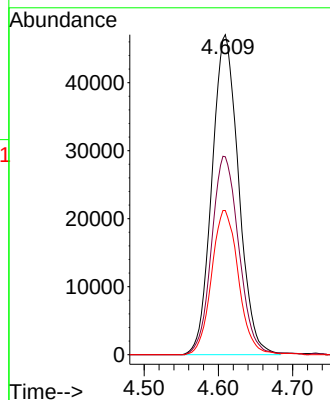
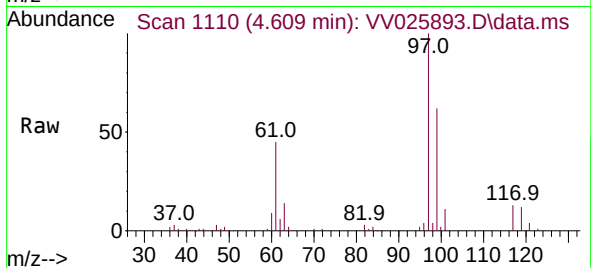
Tgt Ion: 97 Resp: 117267

Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.6

61 45.4 36.3 54.5



#30

Cyclohexane

Concen: 4.858 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VV025893.D

Acq: 13 May 2022 16:08

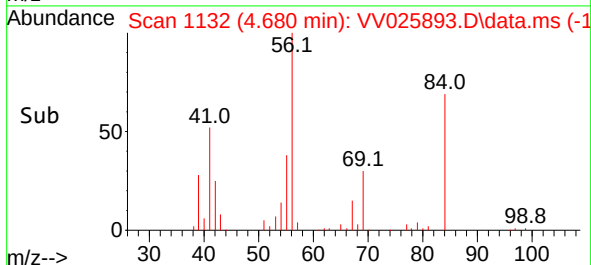
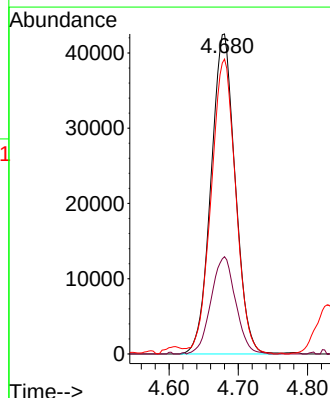
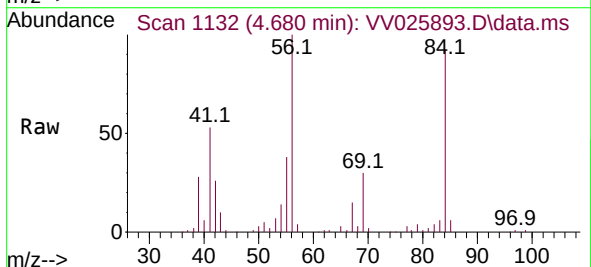
Tgt Ion: 56 Resp: 103046

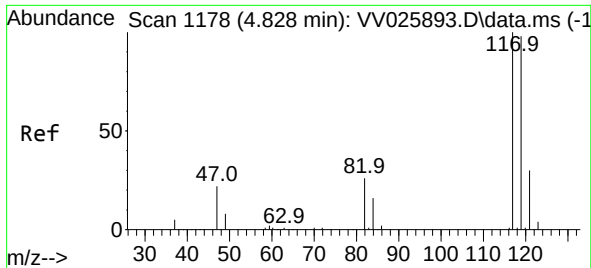
Ion Ratio Lower Upper

56 100

69 30.8 24.6 37.0

84 93.7 75.0 112.4

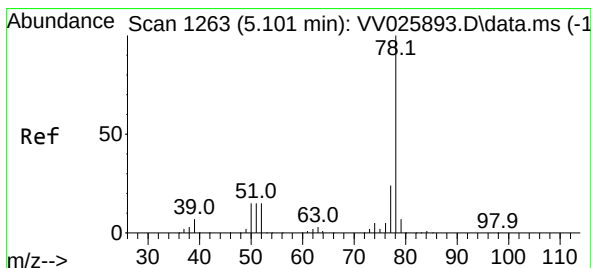
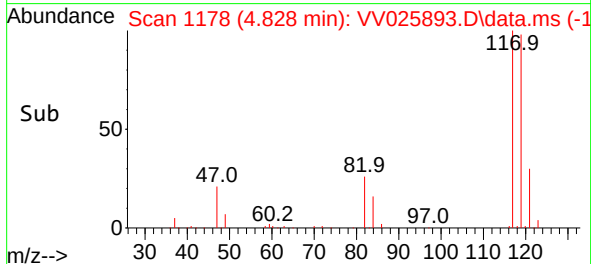
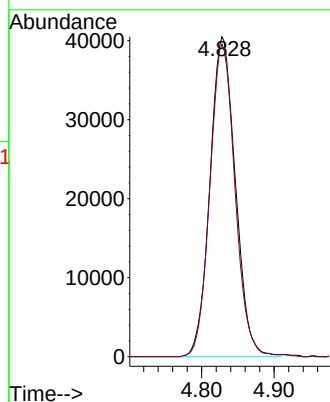
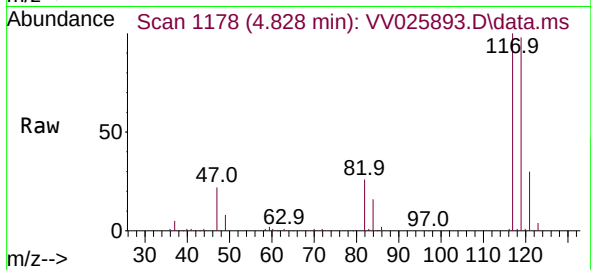




#31
Carbon tetrachloride
Concen: 4.917 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

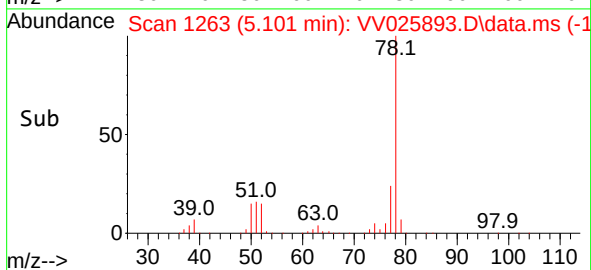
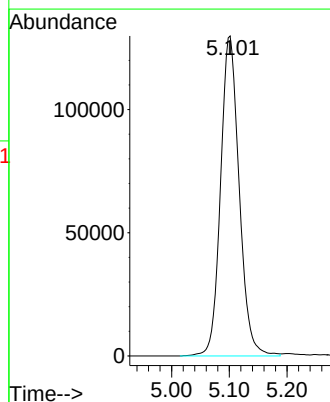
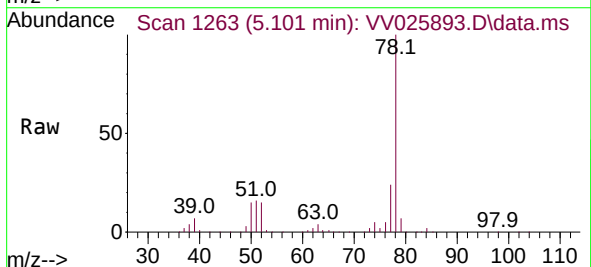
Instrument :
MSVOA_V
ClientSampleId :
VSTD005245

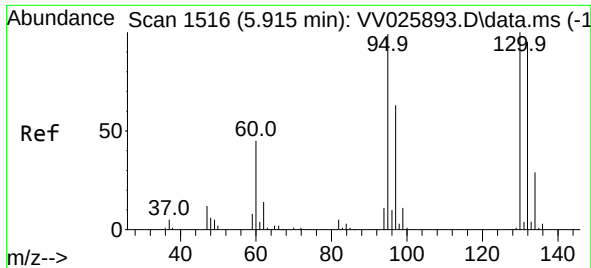
Tgt Ion:117 Resp: 98491
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6



#33
Benzene
Concen: 5.037 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

Tgt Ion: 78 Resp: 291058

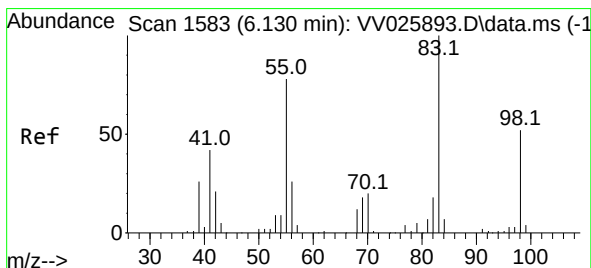
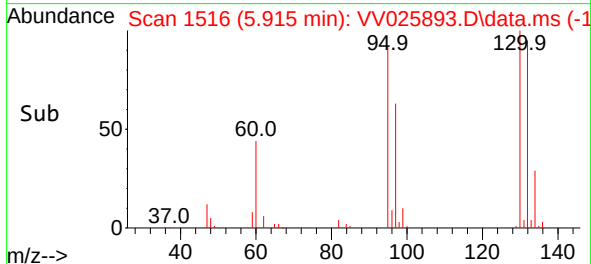
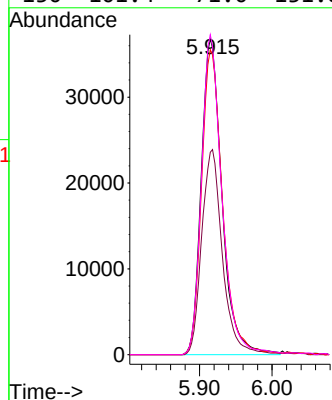
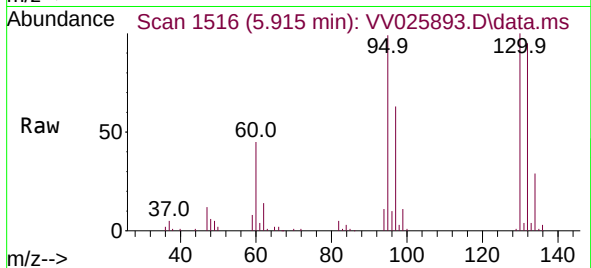




#34
Trichloroethene
Concen: 4.814 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

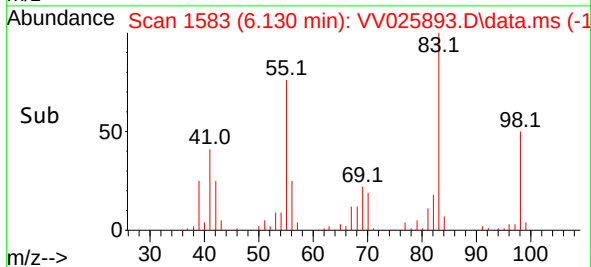
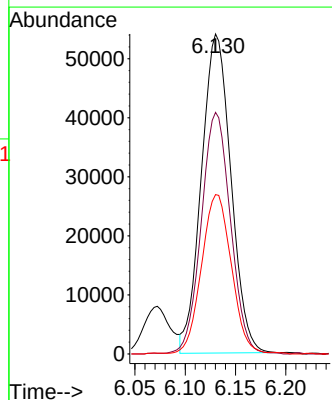
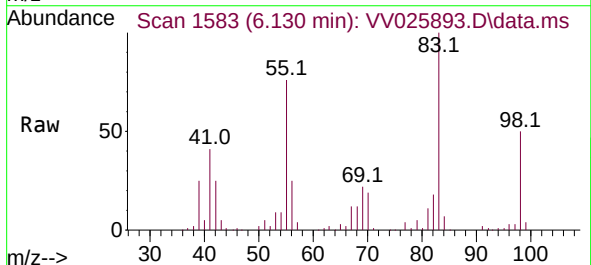
Instrument :
MSVOA_V
ClientSampleId :
VSTD005245

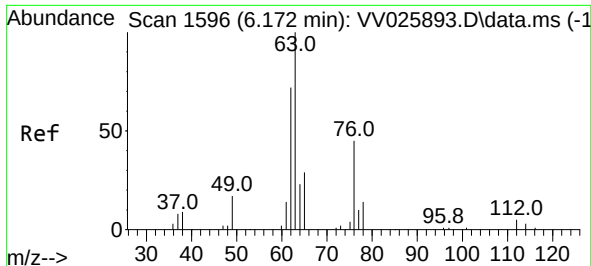
Tgt Ion: 95 Resp: 73200
Ion Ratio Lower Upper
95 100
97 64.1 44.9 83.3
132 96.6 67.6 125.6
130 101.4 71.0 131.8



#35
Methylcyclohexane
Concen: 4.741 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

Tgt Ion: 83 Resp: 110338
Ion Ratio Lower Upper
83 100
55 75.1 60.1 90.1
98 50.8 40.6 61.0





#37

1,2-Dichloropropane

Concen: 4.792 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VV025893.D

Acq: 13 May 2022 16:08

Instrument :

MSVOA_V

ClientSampleId :

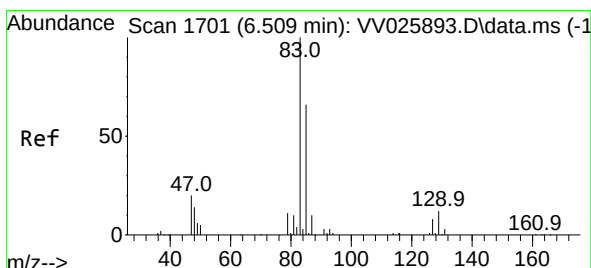
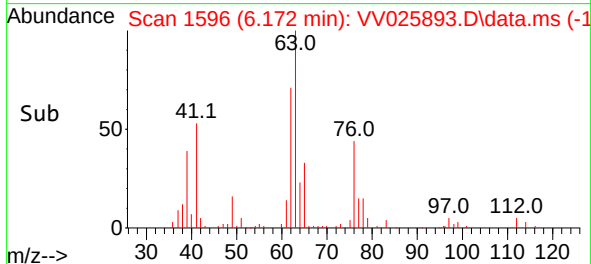
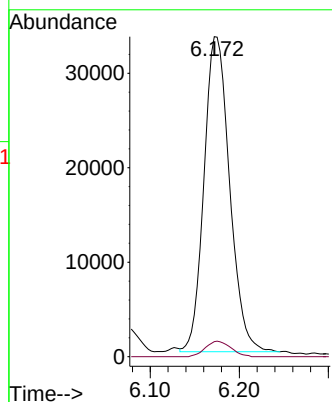
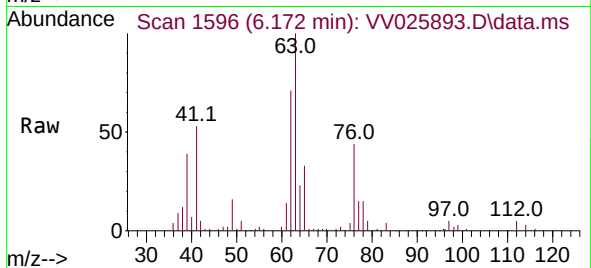
VSTD005245

Tgt Ion: 63 Resp: 66678

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 4.845 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV025893.D

Acq: 13 May 2022 16:08

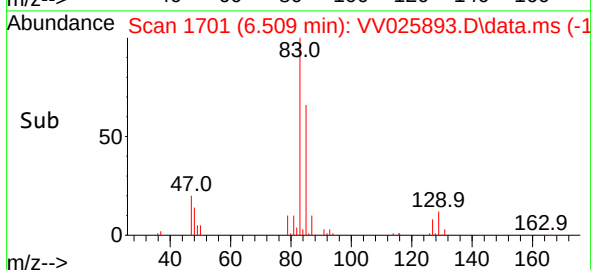
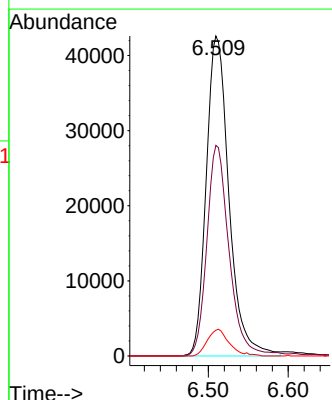
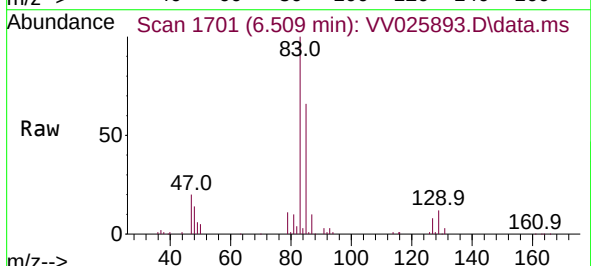
Tgt Ion: 83 Resp: 84273

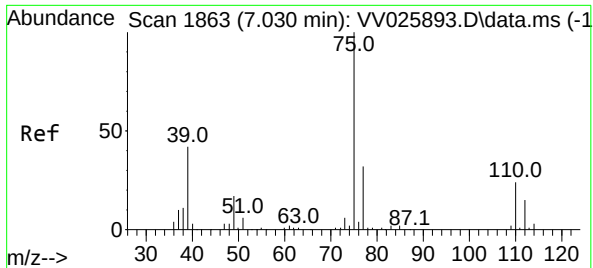
Ion Ratio Lower Upper

83 100

85 65.8 46.1 85.5

127 8.1 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 5.085 ug/L

RT: 7.030 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VV025893.D

Acq: 13 May 2022 16:08

Instrument :

MSVOA_V

ClientSampleId :

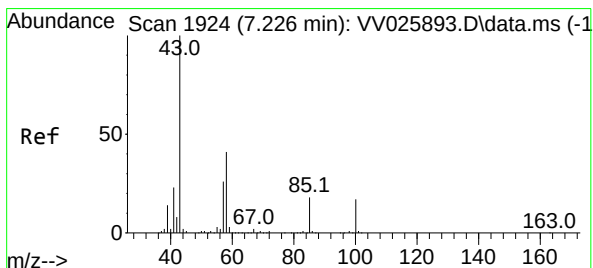
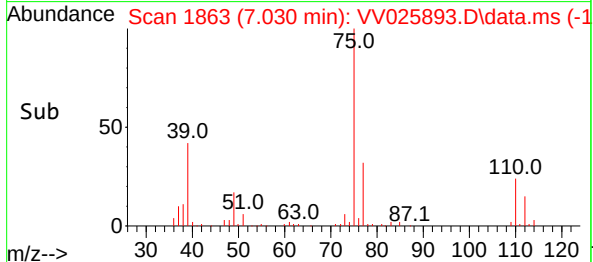
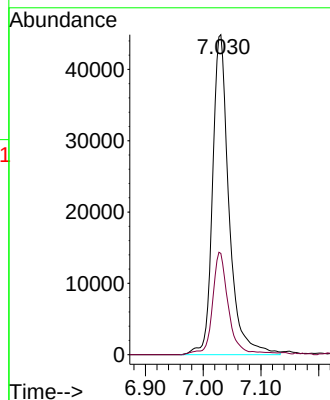
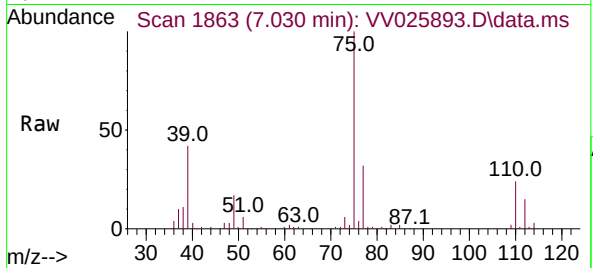
VSTD005245

Tgt Ion: 75 Resp: 88825

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 53.602 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV025893.D

Acq: 13 May 2022 16:08

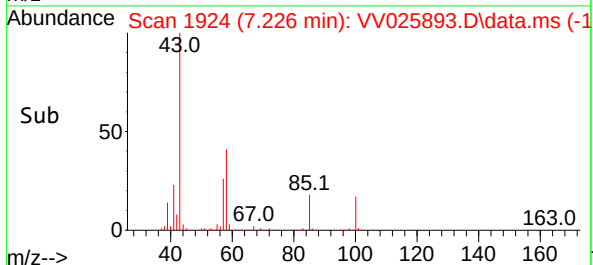
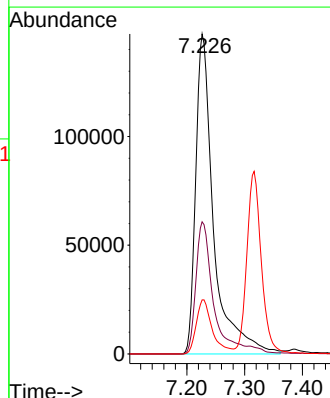
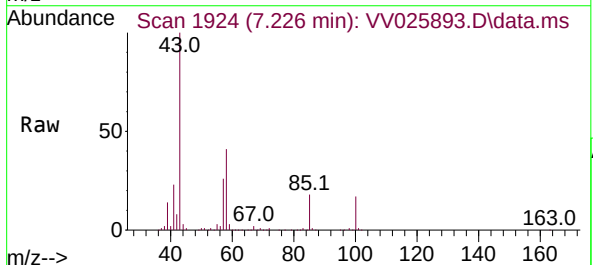
Tgt Ion: 43 Resp: 316907

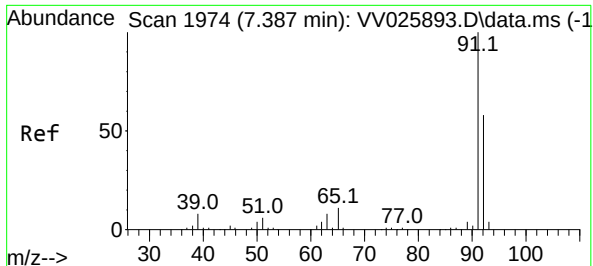
Ion Ratio Lower Upper

43 100

58 39.5 31.6 47.4

100 15.3 12.2 18.4





#42

Toluene

Concen: 5.130 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV025893.D

Acq: 13 May 2022 16:08

Instrument :

MSVOA_V

ClientSampleId :

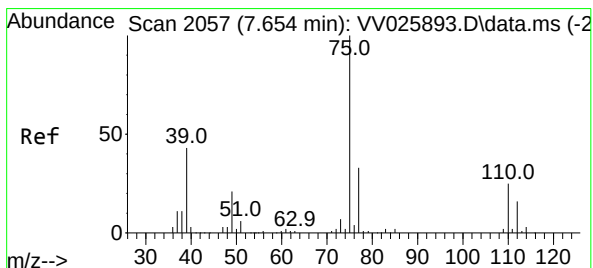
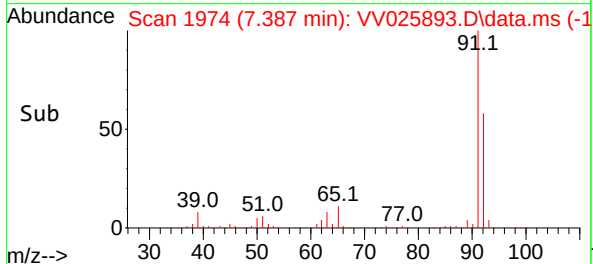
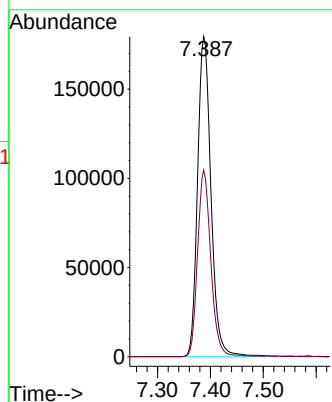
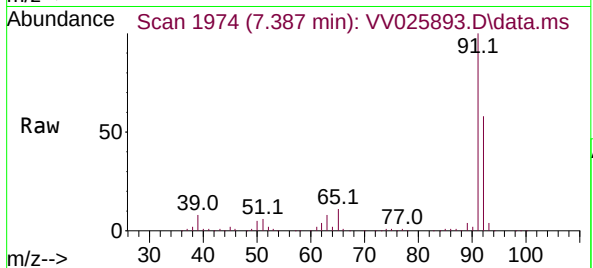
VSTD005245

Tgt Ion: 91 Resp: 316541

Ion Ratio Lower Upper

91 100

92 58.2 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.160 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VV025893.D

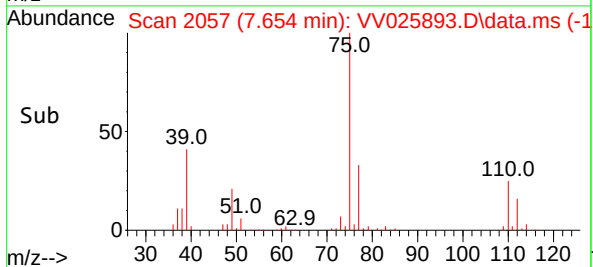
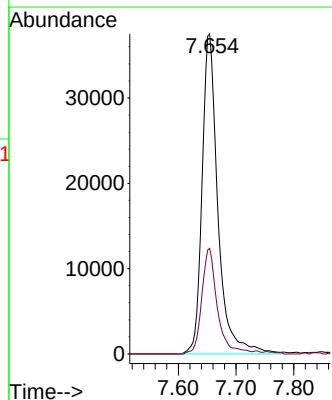
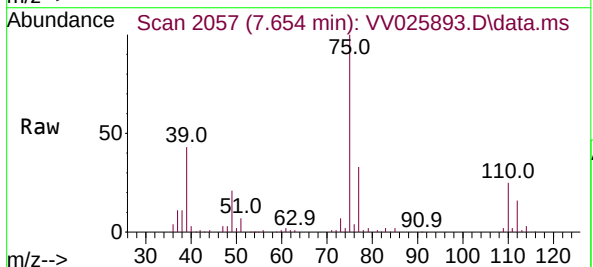
Acq: 13 May 2022 16:08

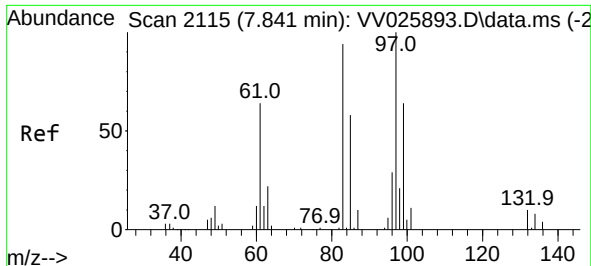
Tgt Ion: 75 Resp: 71462

Ion Ratio Lower Upper

75 100

77 33.0 23.1 42.9

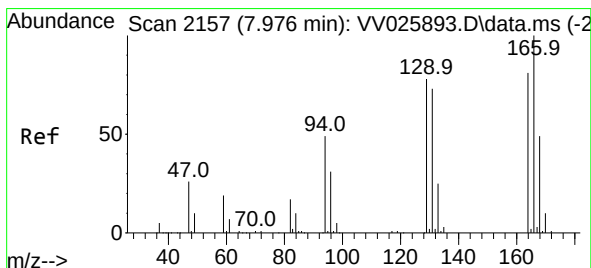
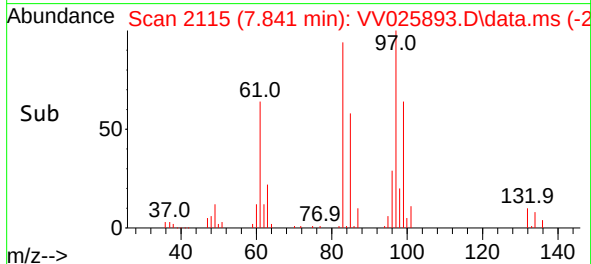
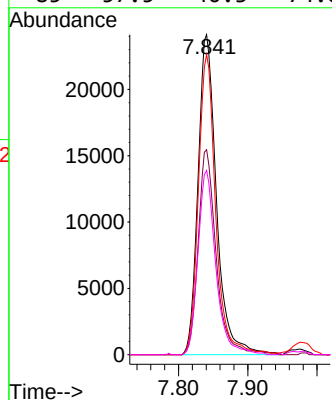
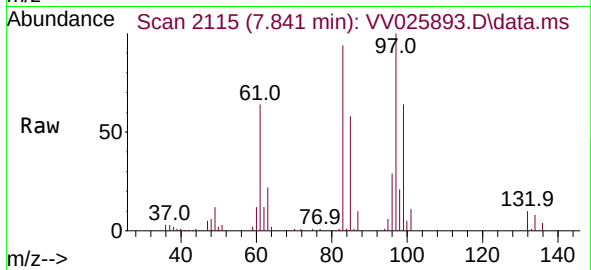




#45
1,1,2-Trichloroethane
Concen: 4.991 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

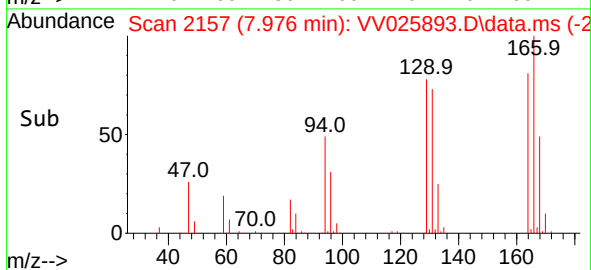
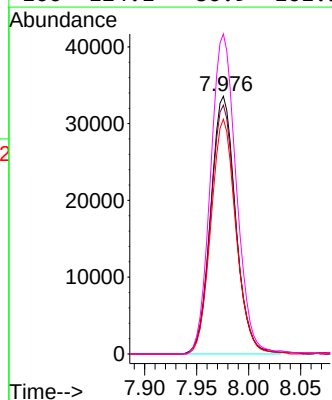
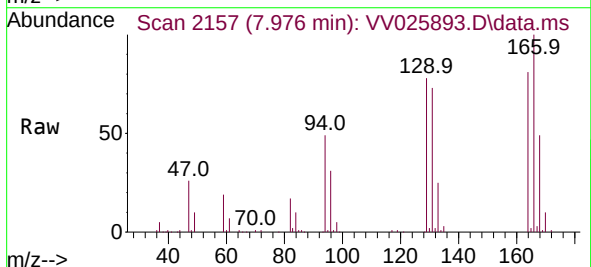
Instrument :
MSVOA_V
ClientSampleId :
VSTD005245

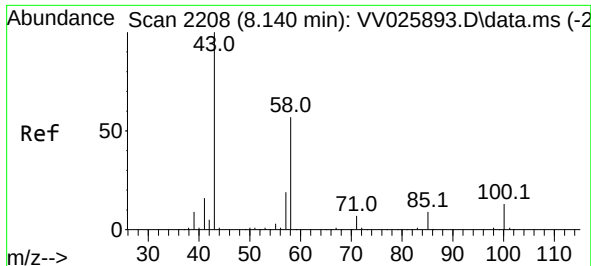
Tgt Ion:	97	Resp:	44781
Ion	Ratio	Lower	Upper
97	100		
99	64.0	44.8	83.2
83	93.8	65.7	121.9
85	57.5	40.3	74.8



#47
Tetrachloroethene
Concen: 4.323 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

Tgt Ion:	164	Resp:	55786
Ion	Ratio	Lower	Upper
164	100		
129	96.5	67.5	125.4
131	91.1	63.8	118.4
166	124.1	86.9	161.3

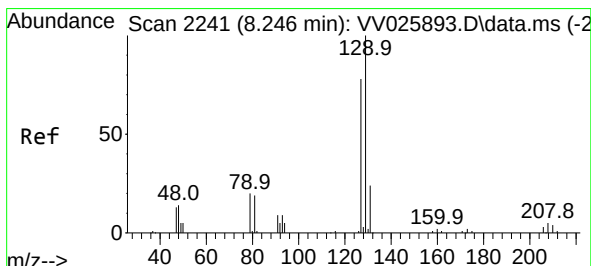
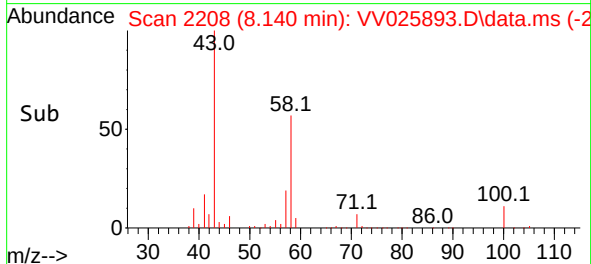
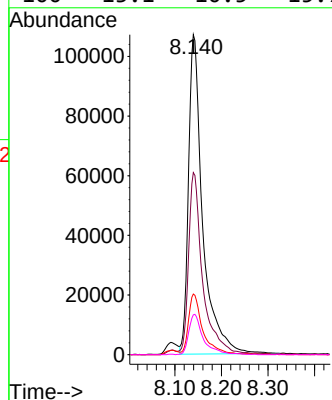
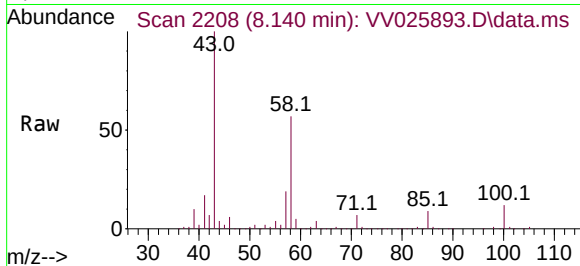




#48
2-Hexanone
Concen: 54.444 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

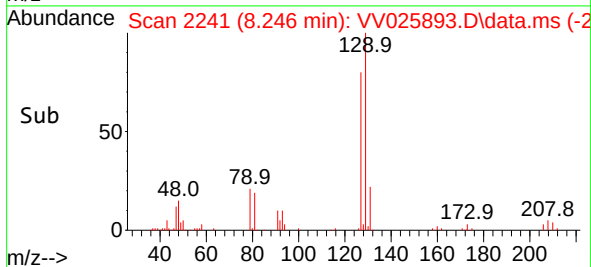
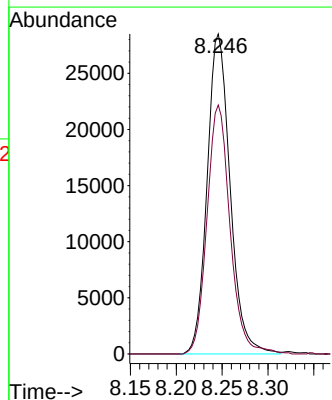
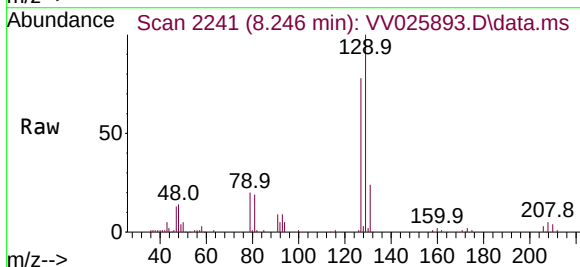
Instrument :
MSVOA_V
ClientSampleId :
VSTD005245

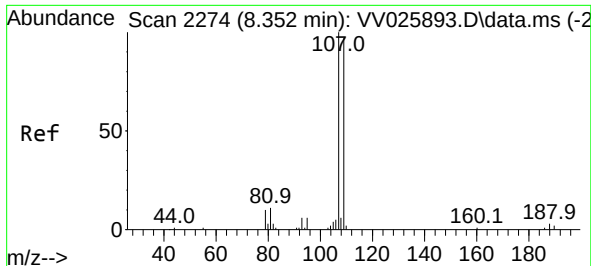
Tgt Ion: 43 Resp: 226247
Ion Ratio Lower Upper
43 100
58 55.9 44.7 67.1
57 18.6 14.9 22.3
100 13.1 10.5 15.7



#49
Dibromochloromethane
Concen: 5.000 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

Tgt Ion: 129 Resp: 49762
Ion Ratio Lower Upper
129 100
127 77.8 54.5 101.1





#50

1,2-Dibromoethane

Concen: 5.068 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VV025893.D

Acq: 13 May 2022 16:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005245

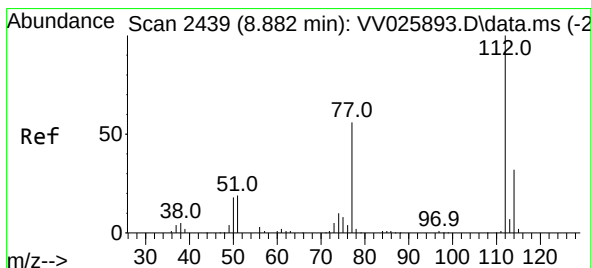
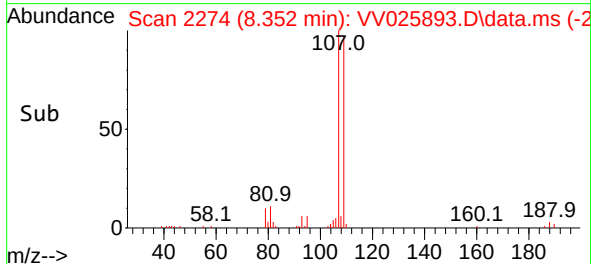
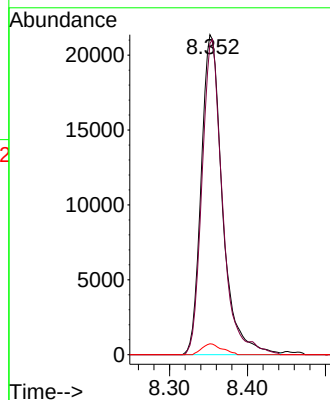
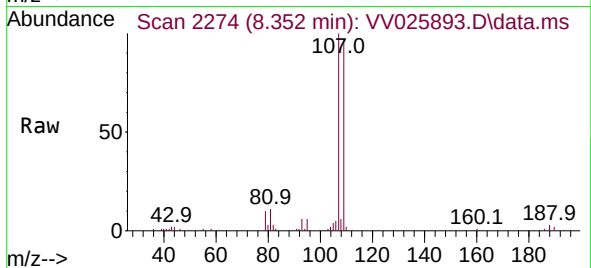
Tgt Ion:107 Resp: 40432

Ion Ratio Lower Upper

107 100

109 97.3 68.1 126.5

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 4.901 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV025893.D

Acq: 13 May 2022 16:08

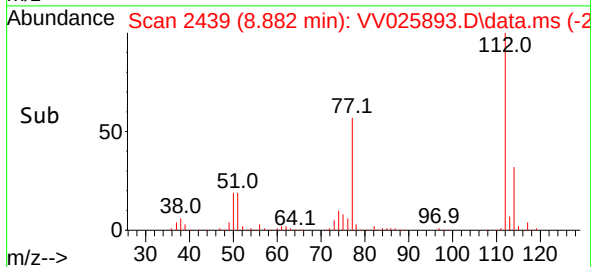
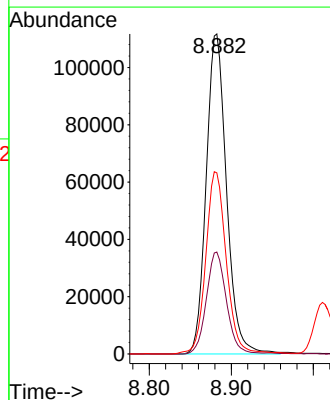
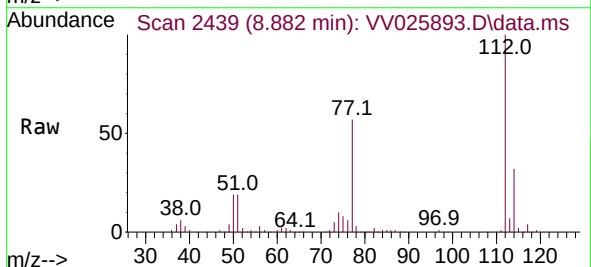
Tgt Ion:112 Resp: 192190

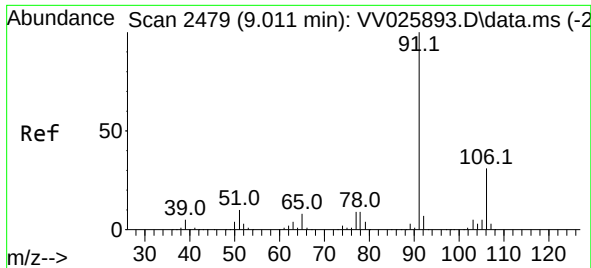
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.3

77 56.6 45.3 67.9

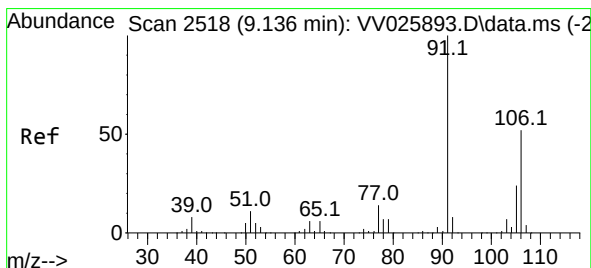
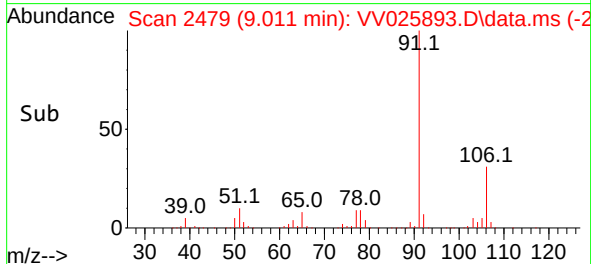
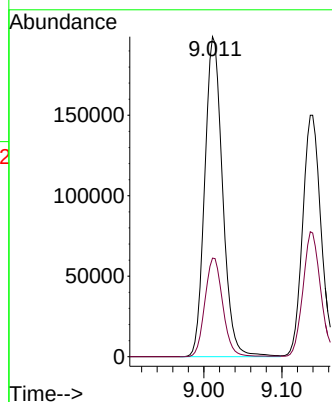
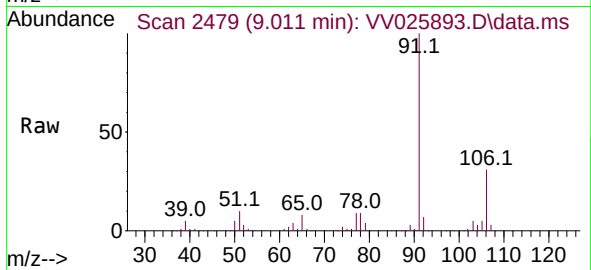




#52
Ethylbenzene
Concen: 4.954 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

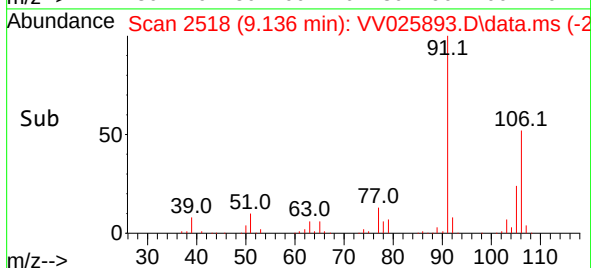
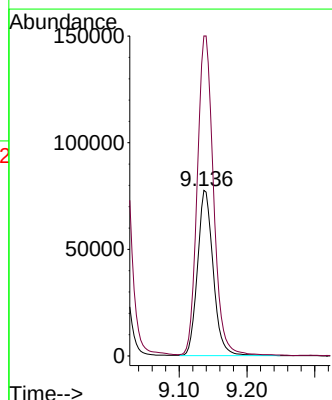
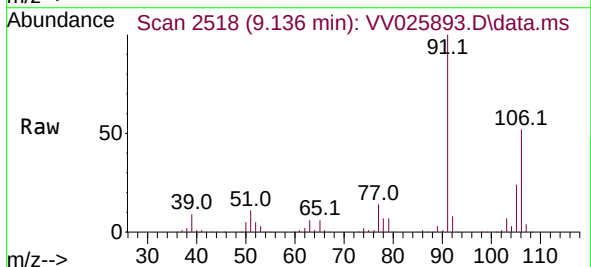
Instrument :
MSVOA_V
ClientSampleId :
VSTD005245

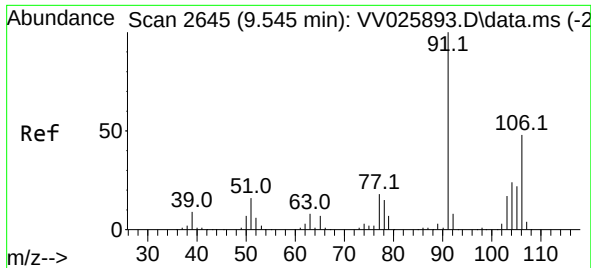
Tgt Ion: 91 Resp: 316504
Ion Ratio Lower Upper
91 100
106 30.8 21.6 40.0



#53
m,p-Xylene
Concen: 4.942 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

Tgt Ion: 106 Resp: 124331
Ion Ratio Lower Upper
106 100
91 193.3 135.3 251.3

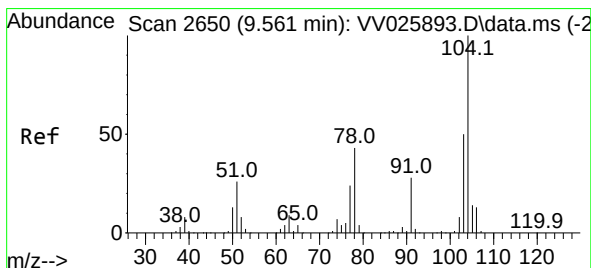
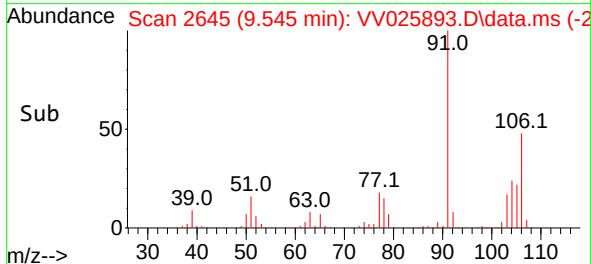
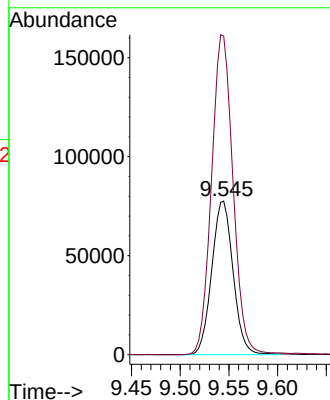
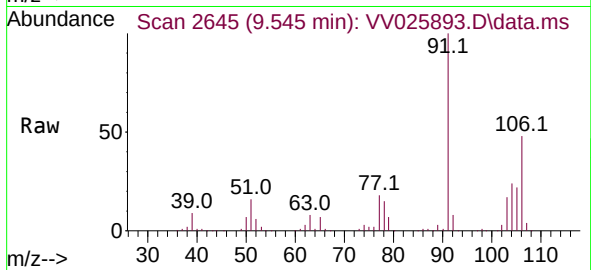




#54
o-Xylene
Concen: 4.970 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

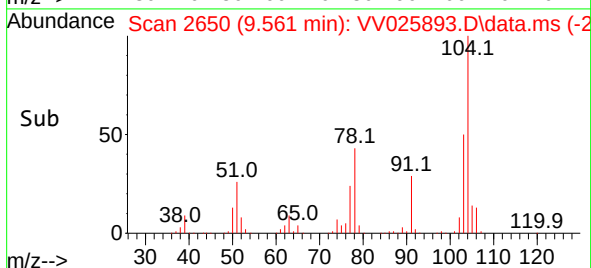
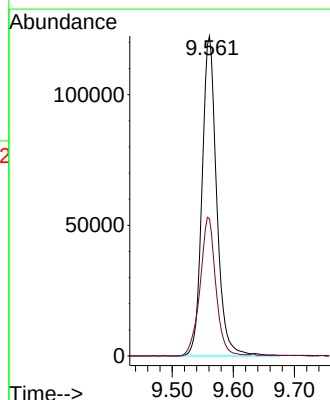
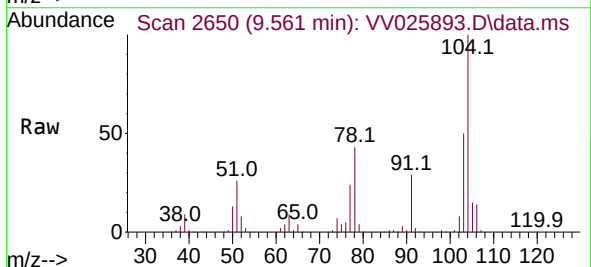
Instrument :
MSVOA_V
ClientSampleId :
VSTD005245

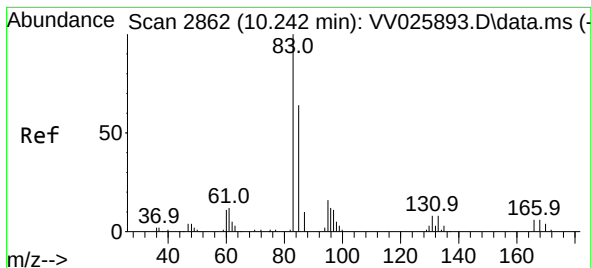
Tgt Ion:106 Resp: 118319
Ion Ratio Lower Upper
106 100
91 207.3 145.1 269.5



#55
Styrene
Concen: 5.187 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

Tgt Ion:104 Resp: 203599
Ion Ratio Lower Upper
104 100
78 42.9 30.0 55.8

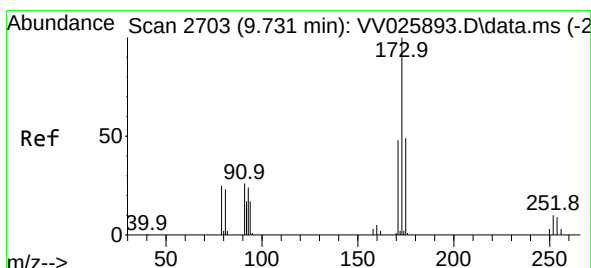
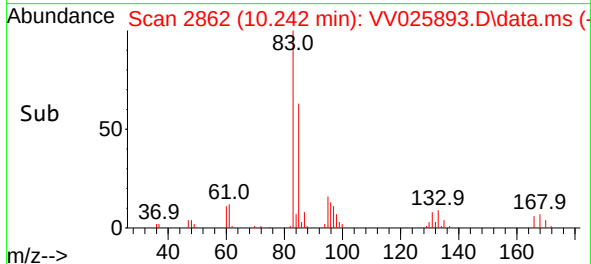
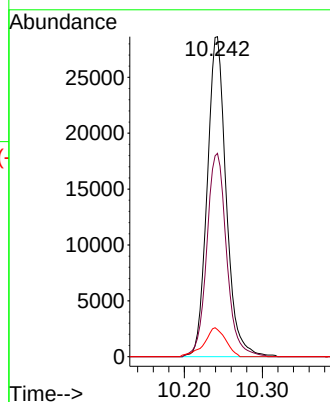
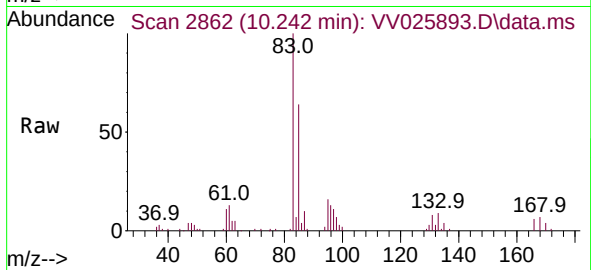




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.033 ug/L
 RT: 10.242 min Scan# 2862
 Delta R.T. 0.000 min
 Lab File: VV025893.D
 Acq: 13 May 2022 16:08

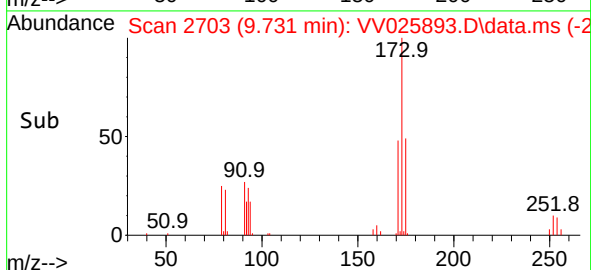
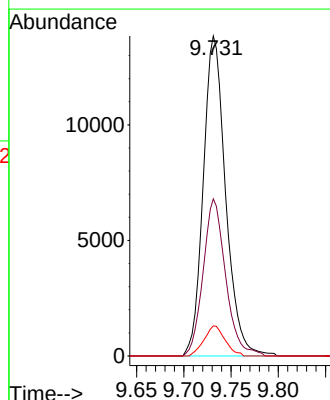
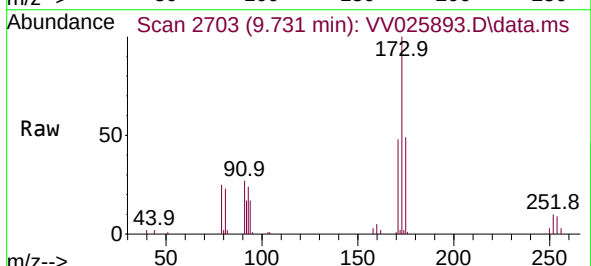
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005245

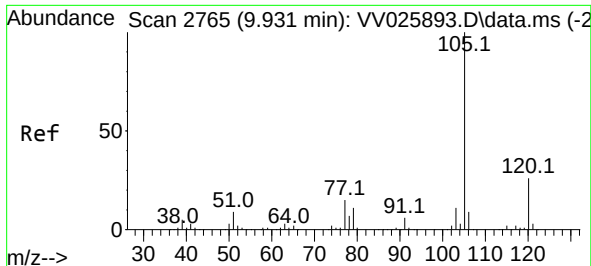
Tgt Ion: 83 Resp: 48484
 Ion Ratio Lower Upper
 83 100
 85 63.6 44.5 82.7
 131 8.4 6.7 10.1



#59
 Bromoform
 Concen: 4.997 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV025893.D
 Acq: 13 May 2022 16:08

Tgt Ion: 173 Resp: 22795
 Ion Ratio Lower Upper
 173 100
 175 49.3 39.4 59.2
 254 8.8 7.0 10.6

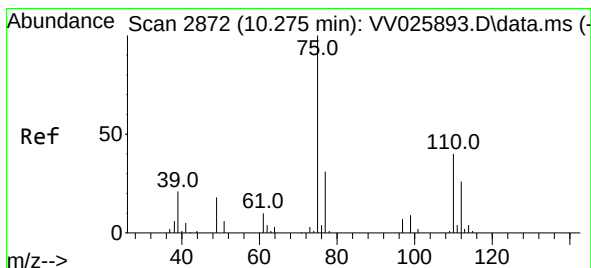
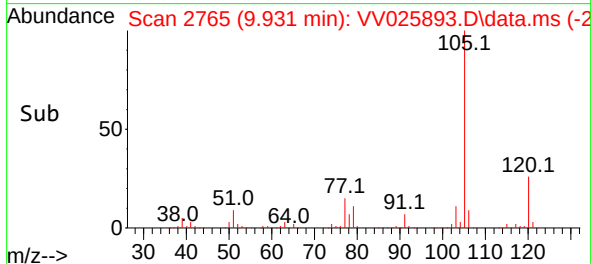
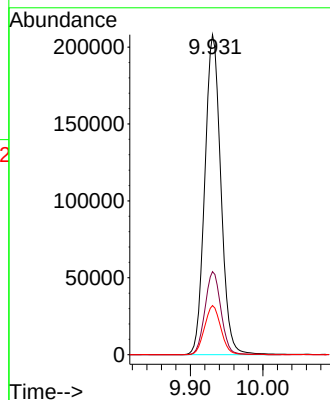
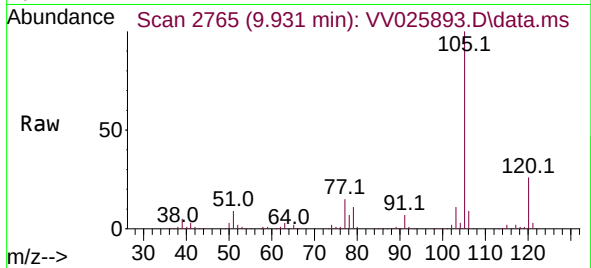




#60
Isopropylbenzene
Concen: 4.910 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

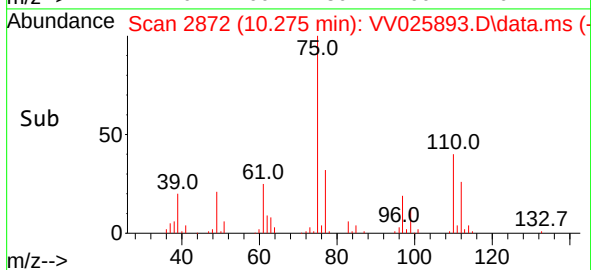
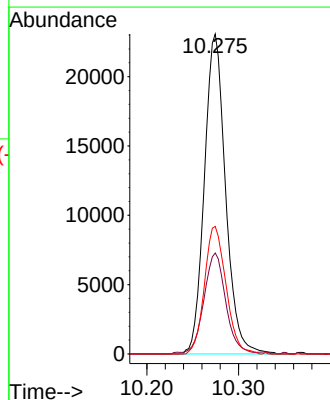
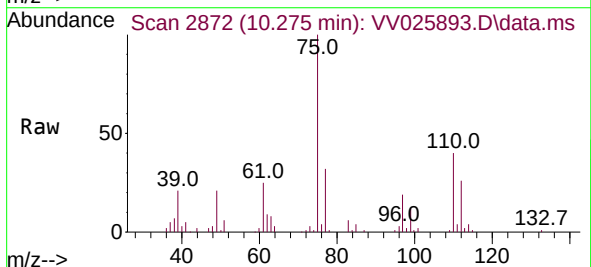
Instrument :
MSVOA_V
ClientSampleId :
VSTD005245

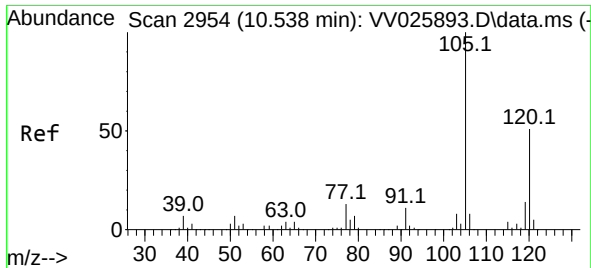
Tgt Ion:105 Resp: 319922
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 15.6 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.775 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

Tgt Ion: 75 Resp: 37069
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 40.5 32.4 48.6

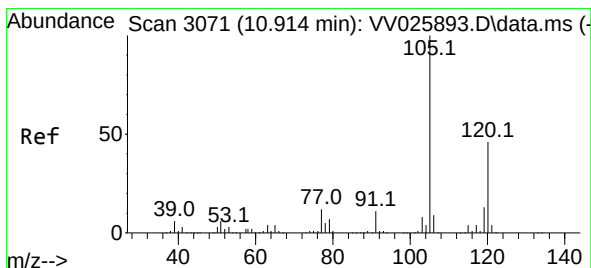
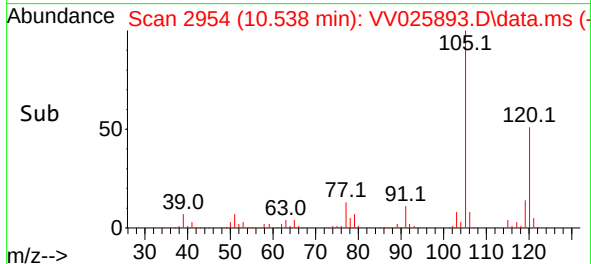
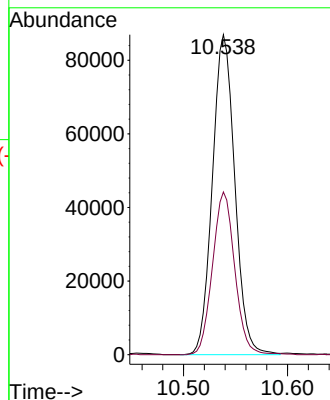
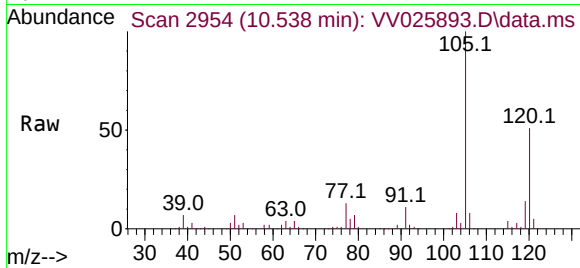




#62
1,3,5-Trimethylbenzene
Concen: 4.664 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

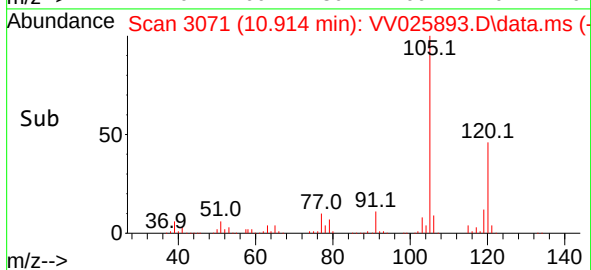
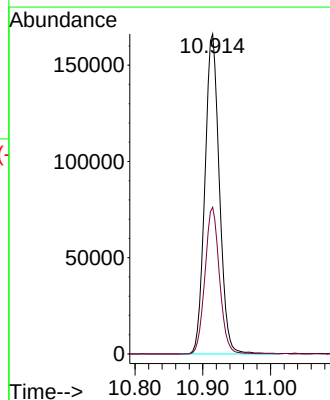
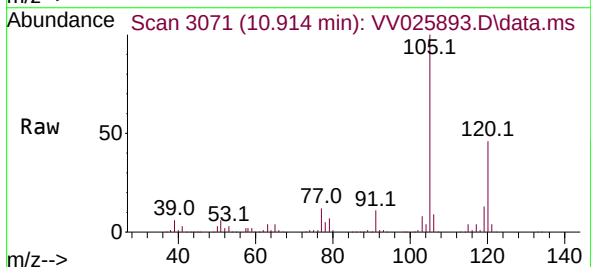
Instrument :
MSVOA_V
ClientSampleId :
VSTD005245

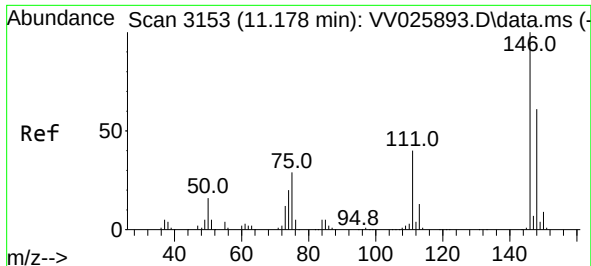
Tgt Ion:105 Resp: 130266
Ion Ratio Lower Upper
105 100
120 50.5 40.4 60.6



#63
1,2,4-Trimethylbenzene
Concen: 4.829 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

Tgt Ion:105 Resp: 246475
Ion Ratio Lower Upper
105 100
120 46.0 36.8 55.2

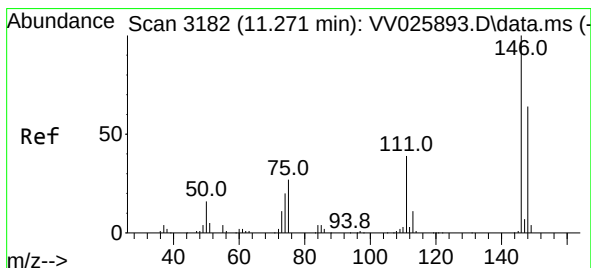
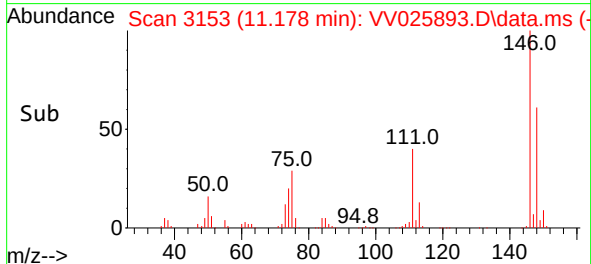
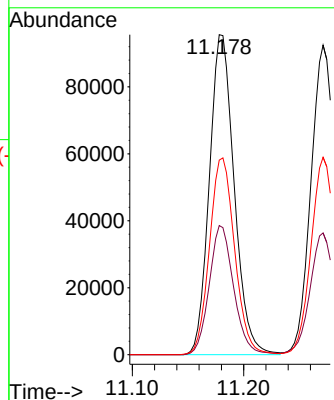
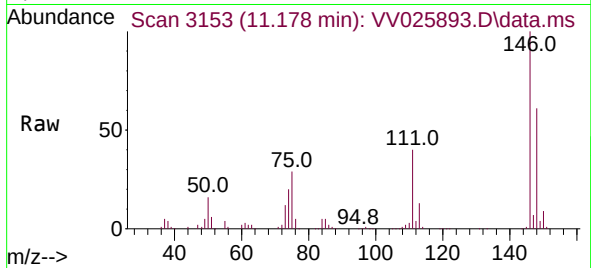




#64
1,3-Dichlorobenzene
Concen: 4.930 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

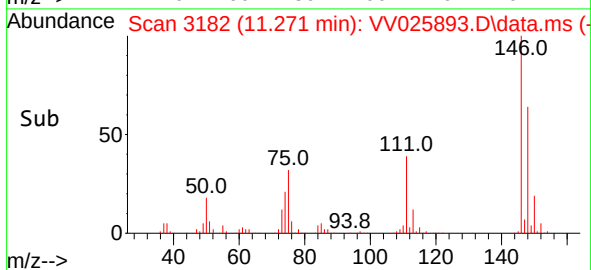
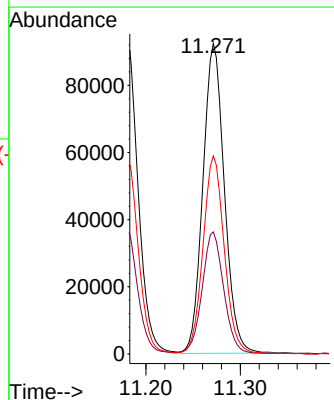
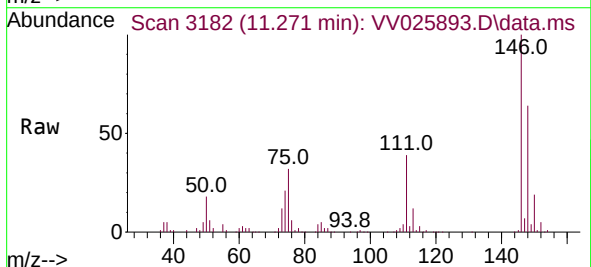
Instrument :
MSVOA_V
ClientSampleId :
VSTD005245

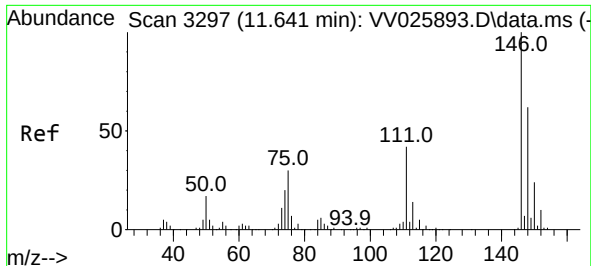
Tgt Ion:146 Resp: 148146
Ion Ratio Lower Upper
146 100
111 40.3 28.2 52.4
148 60.8 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 4.772 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

Tgt Ion:146 Resp: 145692
Ion Ratio Lower Upper
146 100
111 39.3 27.5 51.1
148 63.8 44.7 82.9

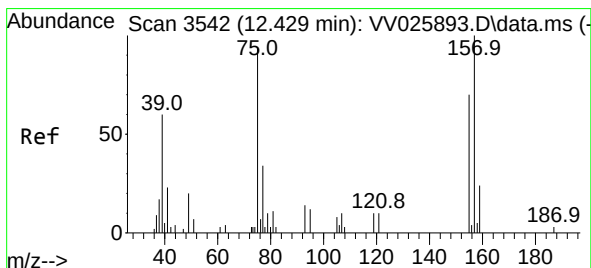
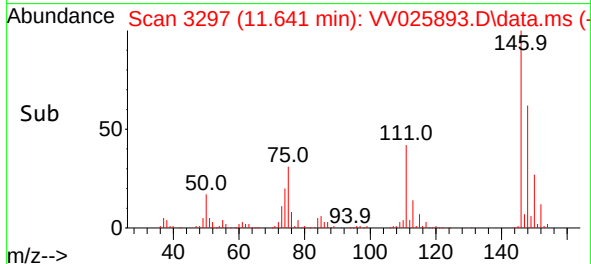
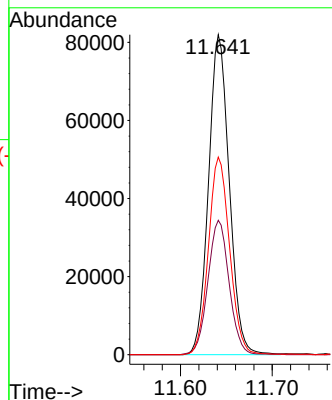
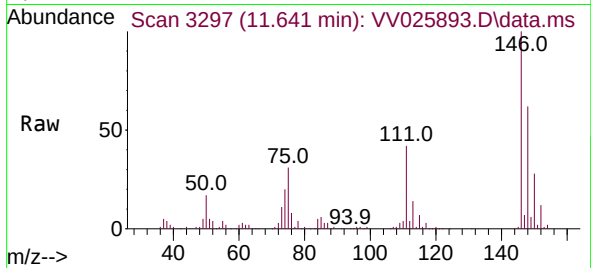




#67
1,2-Dichlorobenzene
Concen: 4.811 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

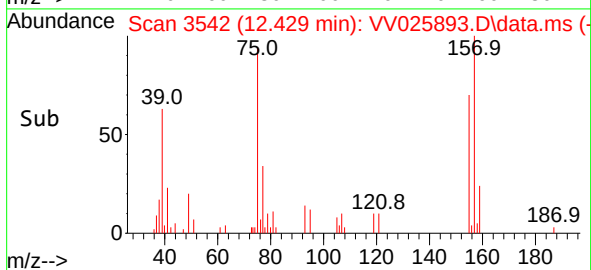
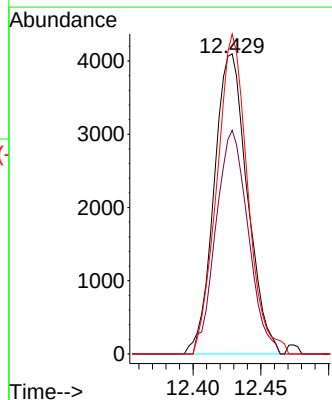
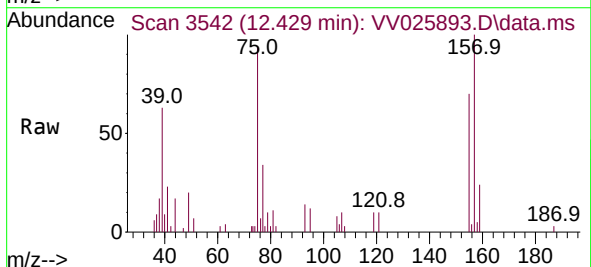
Instrument :
MSVOA_V
ClientSampleId :
VSTD005245

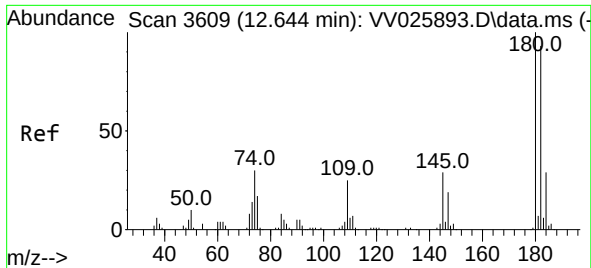
Tgt Ion:146 Resp: 128617
Ion Ratio Lower Upper
146 100
111 42.0 33.6 50.4
148 61.8 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.857 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

Tgt Ion: 75 Resp: 7004
Ion Ratio Lower Upper
75 100
155 74.5 59.6 89.4
157 106.6 85.3 127.9

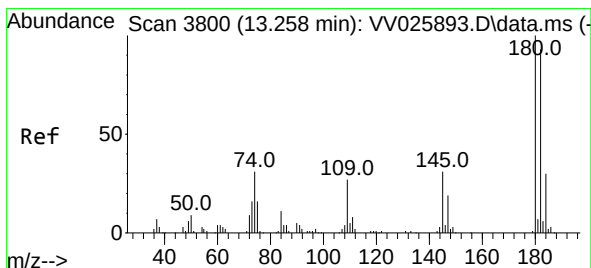
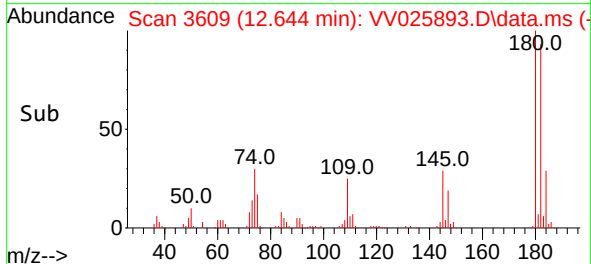
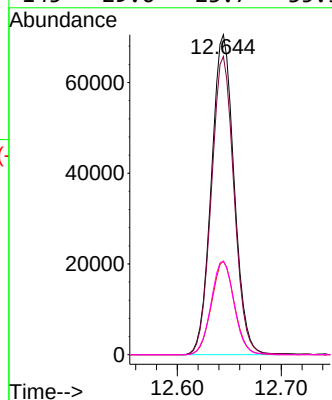
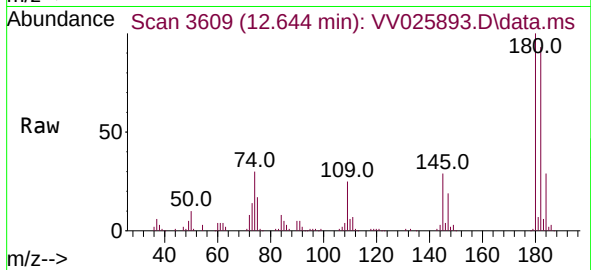




#69
 1,3,5-Trichlorobenzene
 Concen: 4.737 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV025893.D
 Acq: 13 May 2022 16:08

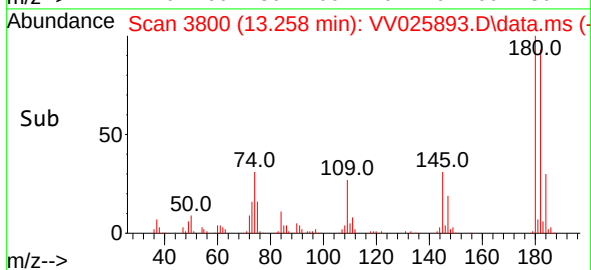
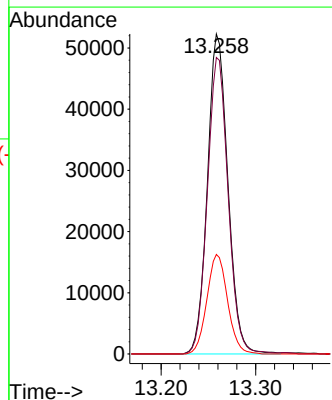
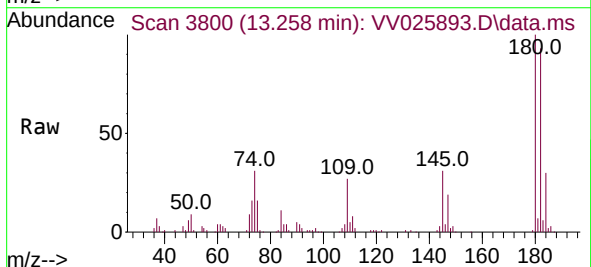
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005245

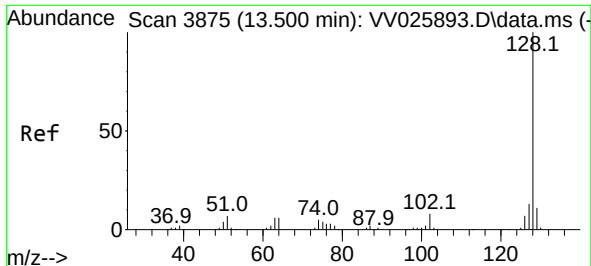
Tgt Ion:180 Resp: 107178
 Ion Ratio Lower Upper
 180 100
 182 92.9 74.3 111.5
 184 29.4 23.5 35.3
 145 29.6 23.7 35.5



#70
 1,2,4-trichlorobenzene
 Concen: 4.687 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025893.D
 Acq: 13 May 2022 16:08

Tgt Ion:180 Resp: 78815
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.0 112.4
 145 31.4 25.1 37.7

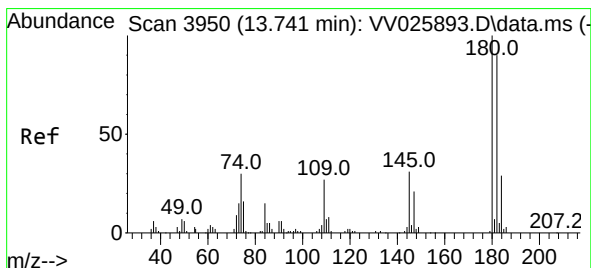
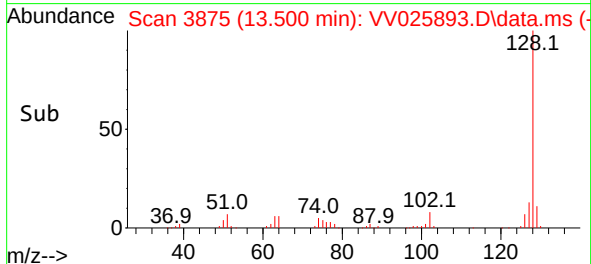
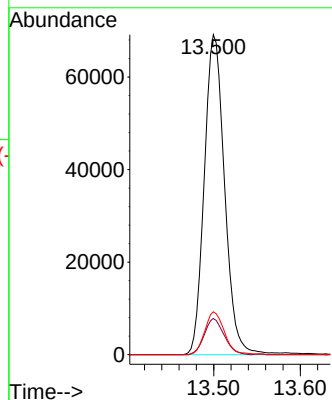
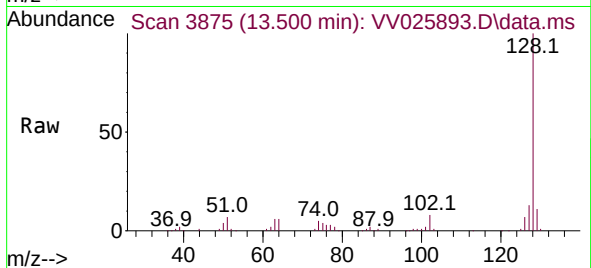




#71
Naphthalene
Concen: 4.701 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD005245

Tgt Ion:128 Resp: 112603
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.990 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025893.D
Acq: 13 May 2022 16:08

Tgt Ion:180 Resp: 68949
Ion Ratio Lower Upper
180 100
182 91.9 73.5 110.3
145 32.4 25.9 38.9

