

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031722\
 Data File : VW025073.D
 Acq On : 17 Mar 2022 11:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005336

Quant Time: Mar 18 02:18:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 05:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	152395	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	142240	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69214	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61130	5.081	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.600%		
7) Chloroethane-d5	1.568	69	46349	5.261	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.200%		
11) 1,1-Dichloroethene-d2	2.108	63	102191	5.255	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 105.200%		
20) 2-Butanone-d5	3.912	46	75559	51.965	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 103.940%		
24) Chloroform-d	4.346	84	98947	4.959	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.200%		
26) 1,2-Dichloroethane-d4	5.031	65	41119	4.929	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.600%		
32) Benzene-d6	5.047	84	204055	4.945	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.000%		
36) 1,2-Dichloropropane-d6	6.066	67	58122	4.898	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 98.000%		
41) Toluene-d8	7.310	98	187361	4.982	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.600%		
43) trans-1,3-Dichloroprop...	7.622	79	19063	4.609	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 92.200%		
46) 2-Hexanone-d5	8.088	63	68521	48.566	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 97.140%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34859	4.994	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 99.800%		
66) 1,2-Dichlorobenzene-d4	11.622	152	57261	4.887	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 97.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	72980	5.420	ug/L	100
3) Chloromethane	1.240	50	64128	5.050	ug/L	98
5) Vinyl chloride	1.310	62	70677	5.275	ug/L	100
6) Bromomethane	1.523	94	45720	5.280	ug/L	99
8) Chloroethane	1.584	64	43261	5.325	ug/L	99
9) Trichlorofluoromethane	1.751	101	100895	5.537	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	55457	5.612	ug/L	99
12) 1,1-Dichloroethene	2.118	96	53040	5.463	ug/L	99
13) Acetone	2.208	43	46000	47.303	ug/L	87
14) Carbon disulfide	2.291	76	179828	5.177	ug/L	98
15) Methyl Acetate	2.442	43	15599	5.855	ug/L	89
16) Methylene chloride	2.507	84	65045	5.529	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	114893	5.433	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	63415	5.428	ug/L	97
19) 1,1-Dichloroethane	3.188	63	110380	5.551	ug/L	98
21) 2-Butanone	3.998	43	89465	58.290	ug/L #	76
22) cis-1,2-Dichloroethene	3.908	96	65937	5.590	ug/L	99
23) Bromochloromethane	4.246	128	26863	5.776	ug/L	98
25) Chloroform	4.371	83	115817	5.594	ug/L	99

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005336

Quant Time: Mar 18 02:18:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 05:44:36 2022
 Response via : Initial Calibration

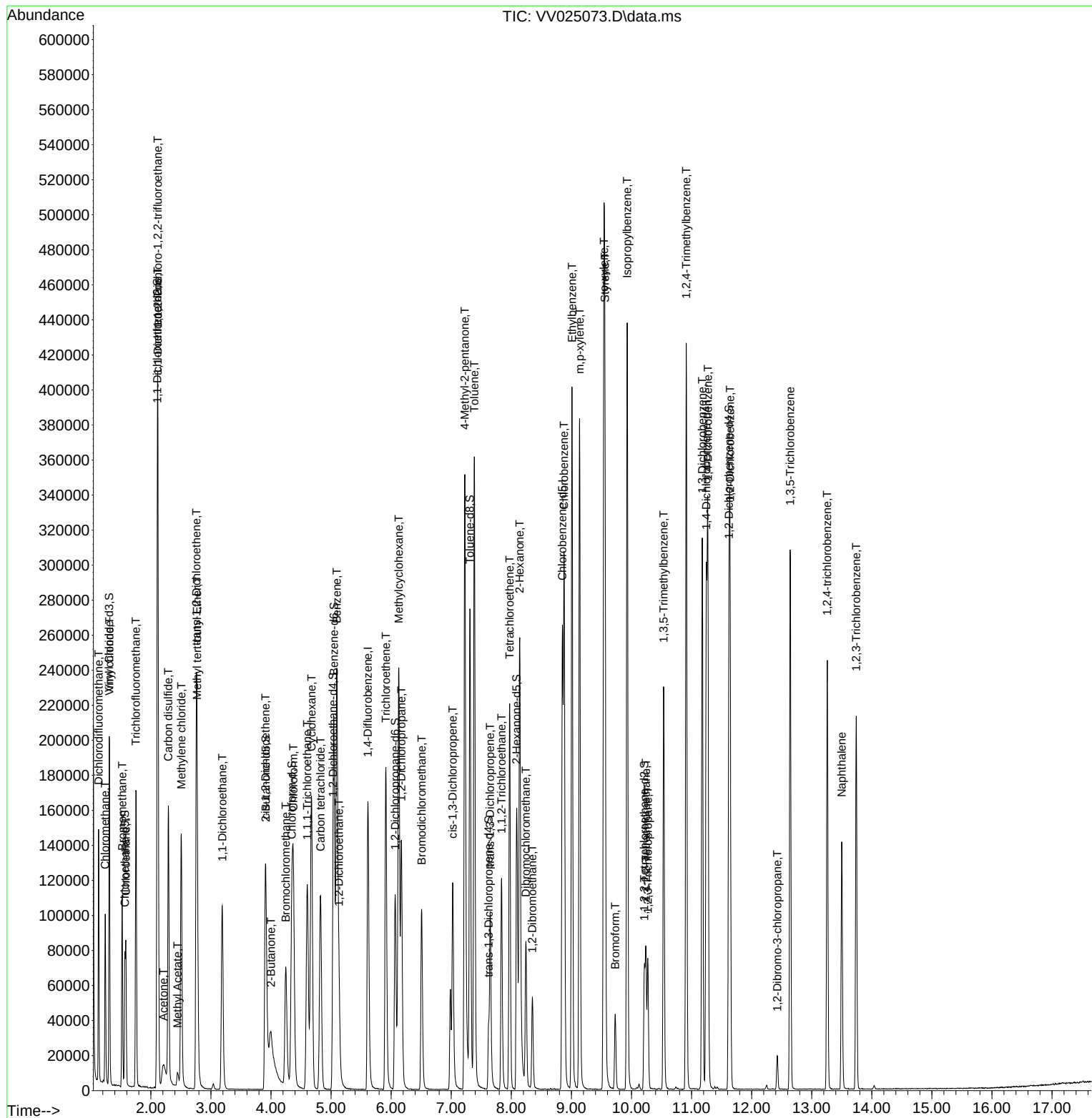
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	56315	5.470	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	98465	5.428	ug/L	98
30) Cyclohexane	4.674	56	93413	5.293	ug/L	98
31) Carbon tetrachloride	4.825	117	85667	5.505	ug/L	100
33) Benzene	5.095	78	252696	5.462	ug/L	100
34) Trichloroethene	5.912	95	67559	5.484	ug/L	99
35) Methylcyclohexane	6.127	83	106861	5.480	ug/L	99
37) 1,2-Dichloropropane	6.172	63	61695	5.803	ug/L	99
38) Bromodichloromethane	6.506	83	74018	5.505	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	80039	5.422	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	246707	56.393	ug/L	98
42) Toluene	7.384	91	270786	5.593	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	62705	5.398	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	40285	5.673	ug/L	98
47) Tetrachloroethene	7.973	164	47426	5.473	ug/L	99
48) 2-Hexanone	8.140	43	169148	54.537	ug/L	97
49) Dibromochloromethane	8.243	129	44014	5.537	ug/L	97
50) 1,2-Dibromoethane	8.349	107	37029	5.698	ug/L	100
51) Chlorobenzene	8.879	112	168240	5.549	ug/L	98
52) Ethylbenzene	9.011	91	286908	5.602	ug/L	99
53) m,p-xylene	9.136	106	111265	5.641	ug/L	97
54) o-xylene	9.542	106	104606	5.546	ug/L	95
55) Styrene	9.558	104	179657	5.848	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	39430	5.664	ug/L	96
59) Bromoform	9.728	173	19486	5.227	ug/L	99
60) Isopropylbenzene	9.927	105	285928	5.478	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	31689	5.444	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	126034	5.321	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	235943	5.625	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	127028	5.610	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	125918	5.517	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	110371	5.501	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	4954	4.965	ug/L	87
69) 1,3,5-Trichlorobenzene	12.641	180	89333	5.586	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	68452	5.493	ug/L	98
71) Naphthalene	13.500	128	110507	5.341	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	58690	5.558	ug/L	98

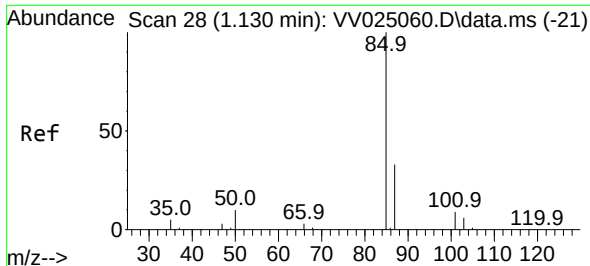
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Data File : VV025073.D
Acq On : 17 Mar 2022 11:01
Operator : SY/MD
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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

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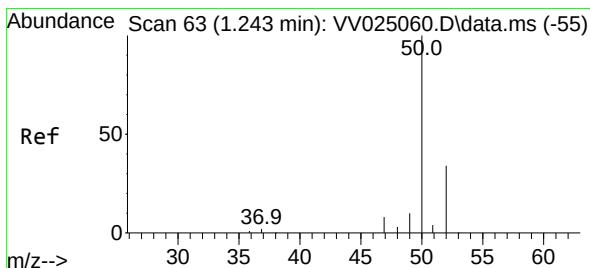
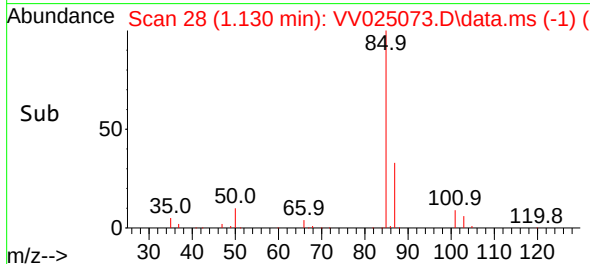
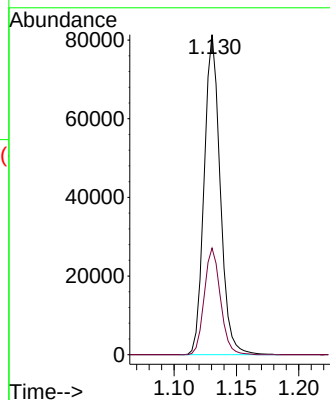
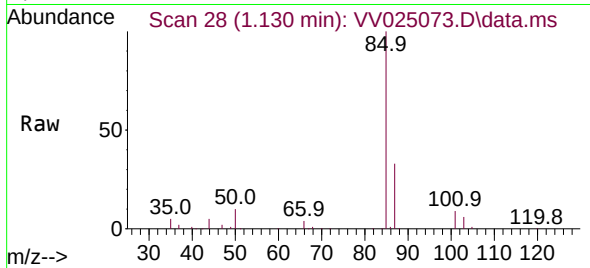




#2
 Dichlorodifluoromethane
 Concen: 5.420 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV025073.D
 Acq: 17 Mar 2022 11:01

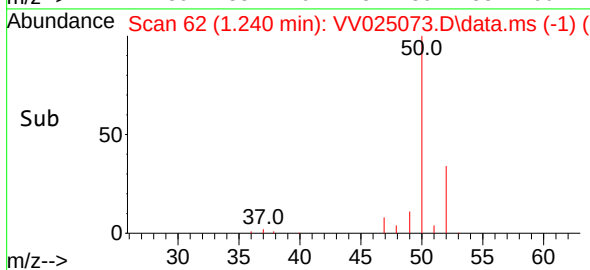
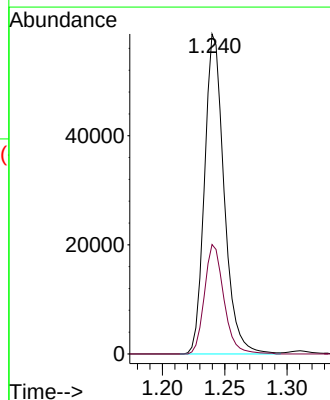
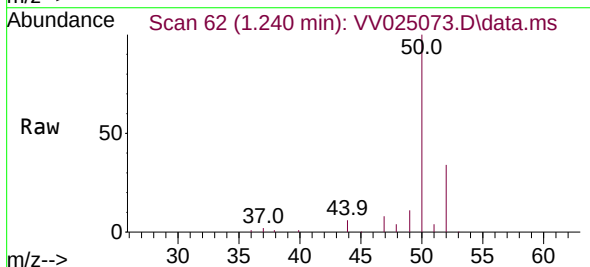
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005336

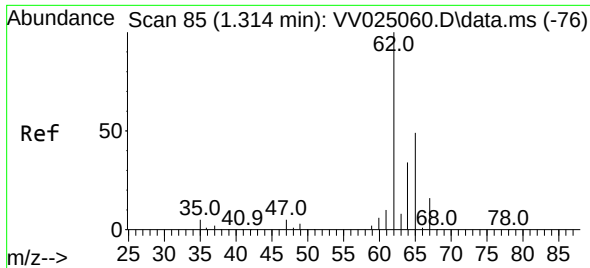
Tgt Ion: 85 Resp: 72980
 Ion Ratio Lower Upper
 85 100
 87 33.5 26.7 40.1



#3
 Chloromethane
 Concen: 5.050 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV025073.D
 Acq: 17 Mar 2022 11:01

Tgt Ion: 50 Resp: 64128
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.2 43.2

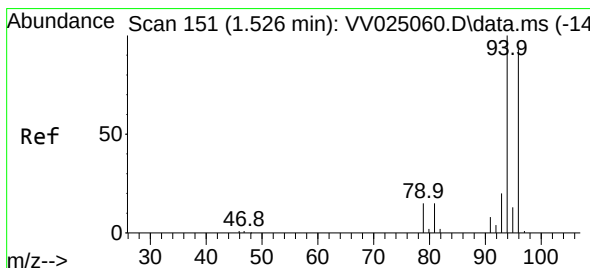
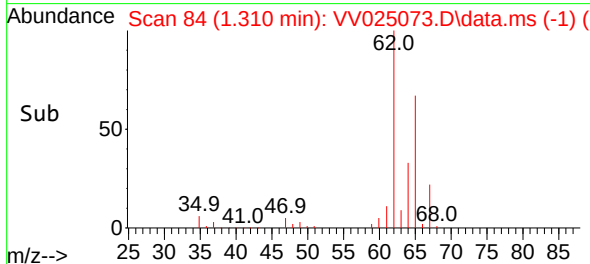
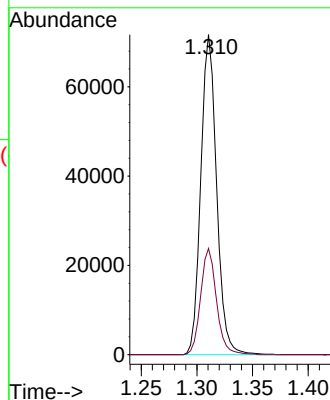
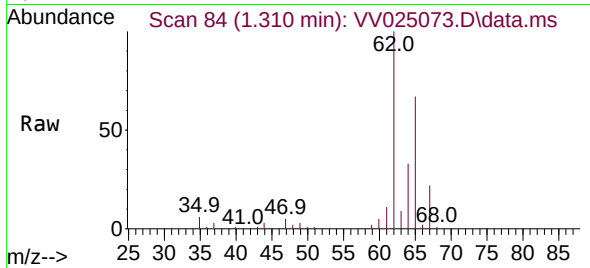




#5
 Vinyl chloride
 Concen: 5.275 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV025073.D
 Acq: 17 Mar 2022 11:01

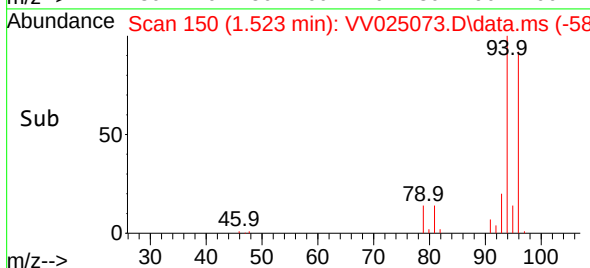
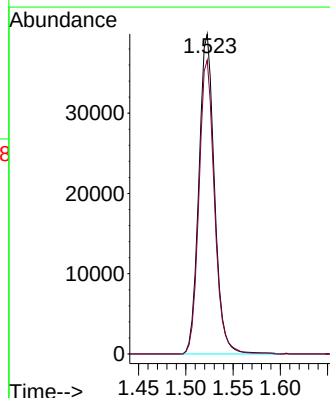
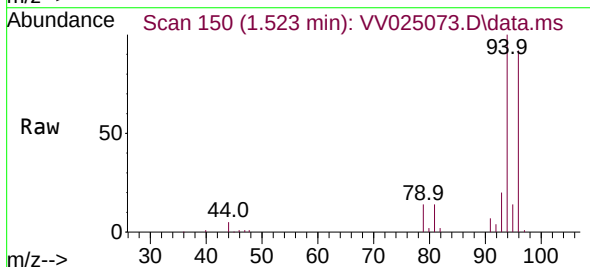
Instrument :
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 ClientSampleId :
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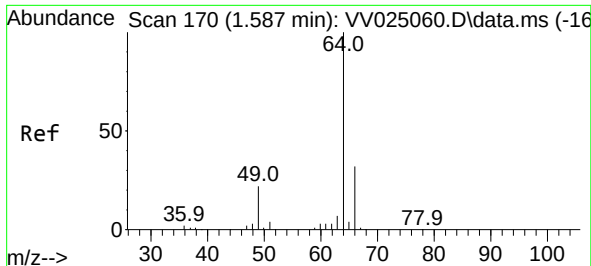
Tgt Ion: 62 Resp: 70677
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.4 43.4



#6
 Bromomethane
 Concen: 5.280 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV025073.D
 Acq: 17 Mar 2022 11:01

Tgt Ion: 94 Resp: 45720
 Ion Ratio Lower Upper
 94 100
 96 91.8 64.9 120.5

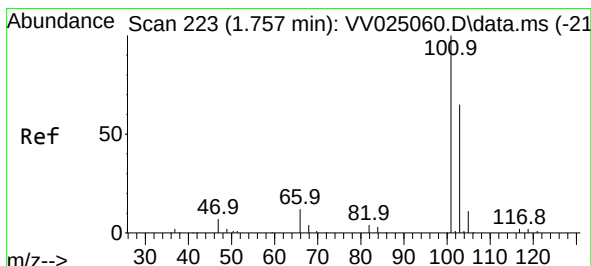
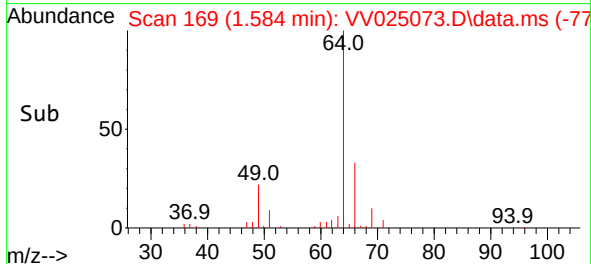
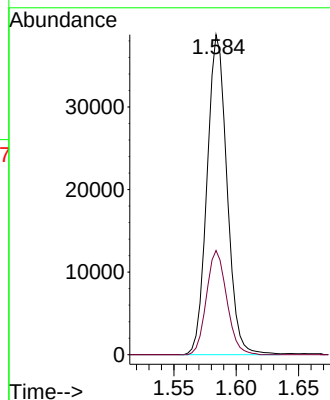
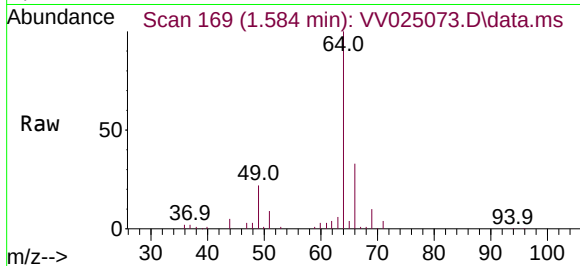




#8
Chloroethane
Concen: 5.325 ug/L
RT: 1.584 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

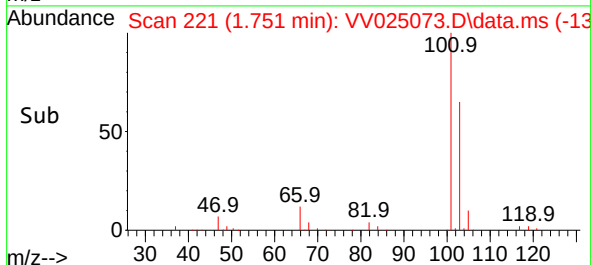
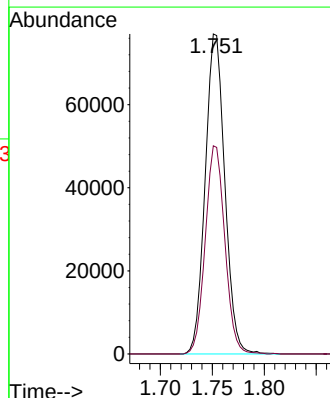
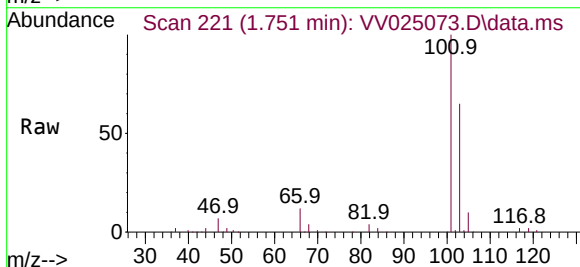
Instrument :
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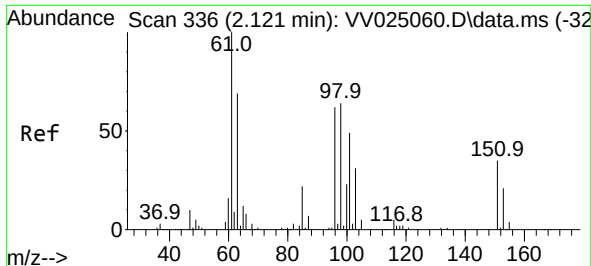
Tgt Ion: 64 Resp: 43261
Ion Ratio Lower Upper
64 100
66 32.6 22.5 41.7



#9
Trichlorofluoromethane
Concen: 5.537 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.006 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

Tgt Ion:101 Resp: 100895
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

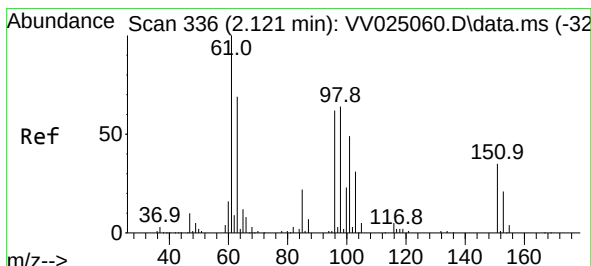
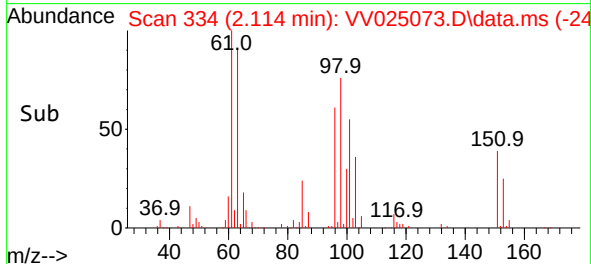
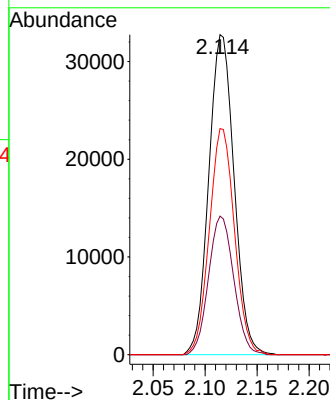
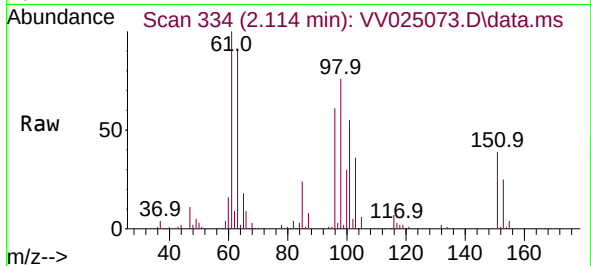




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.612 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. -0.006 min
 Lab File: VV025073.D
 Acq: 17 Mar 2022 11:01

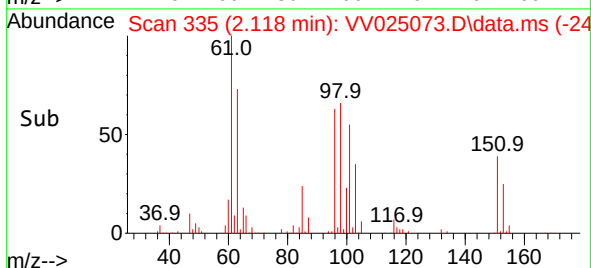
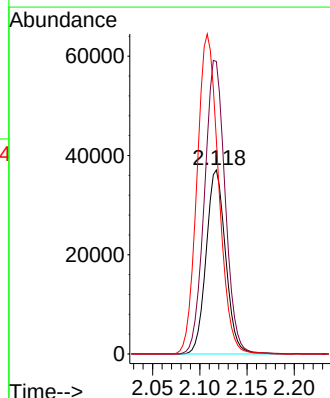
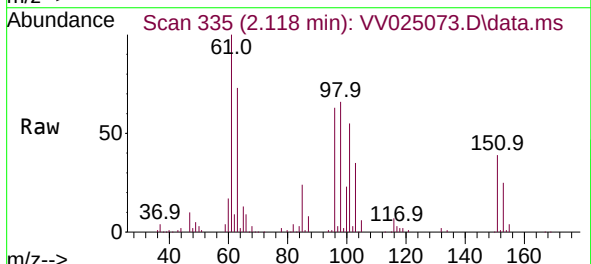
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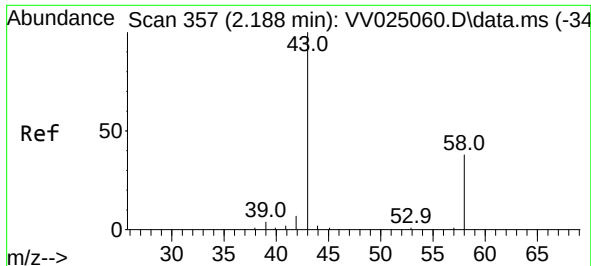
Tgt Ion:101 Resp: 55457
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.8 52.2
 151 70.3 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 5.463 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV025073.D
 Acq: 17 Mar 2022 11:01

Tgt Ion: 96 Resp: 53040
 Ion Ratio Lower Upper
 96 100
 61 158.9 113.0 209.9
 63 116.4 82.1 152.5





#13

Acetone

Concen: 47.303 ug/L

RT: 2.208 min Scan# 3

Delta R.T. 0.019 min

Lab File: VV025073.D

Acq: 17 Mar 2022 11:01

Instrument :

MSVOA_V

ClientSampleId :

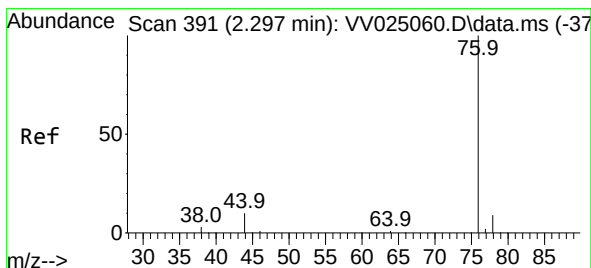
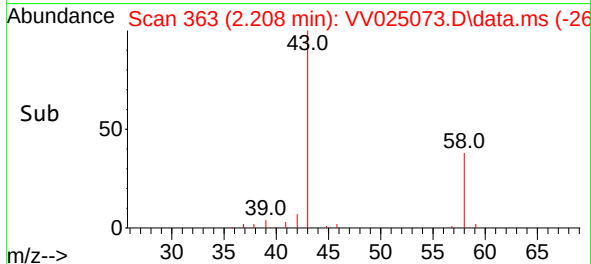
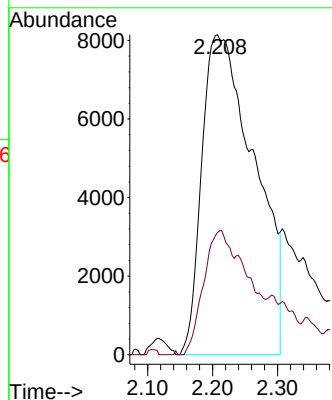
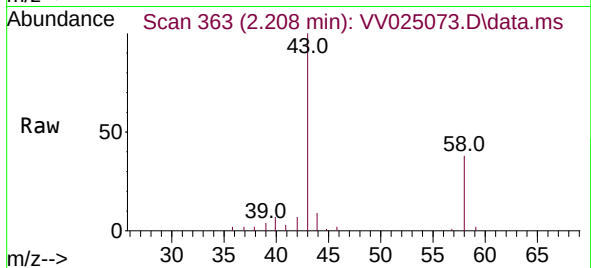
VSTD005336

Tgt Ion: 43 Resp: 46000

Ion Ratio Lower Upper

43 100

58 20.5 0.0 54.2



#14

Carbon disulfide

Concen: 5.177 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.006 min

Lab File: VV025073.D

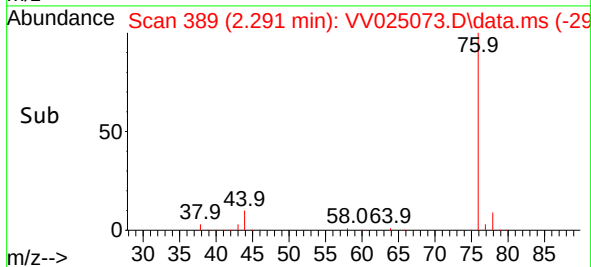
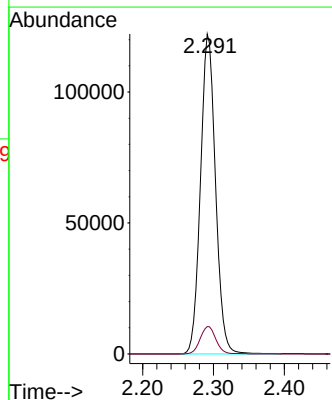
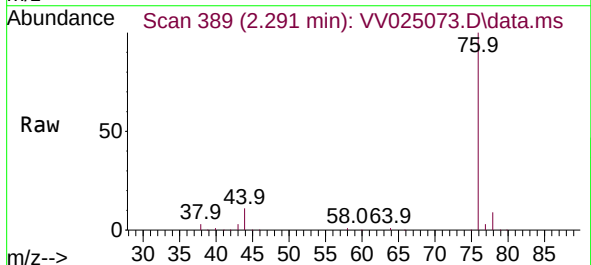
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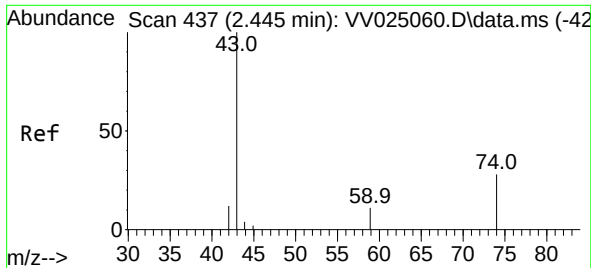
Tgt Ion: 76 Resp: 179828

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.0

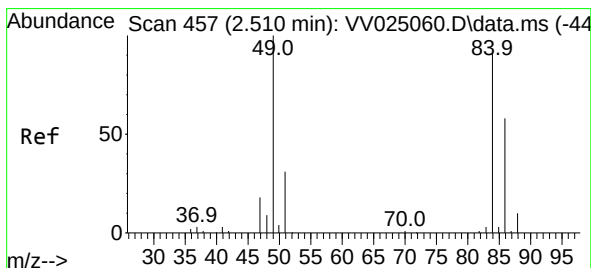
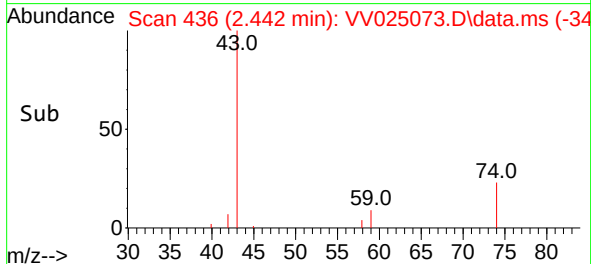
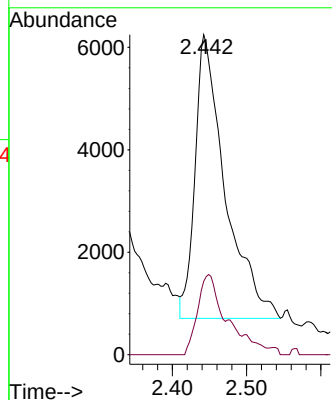
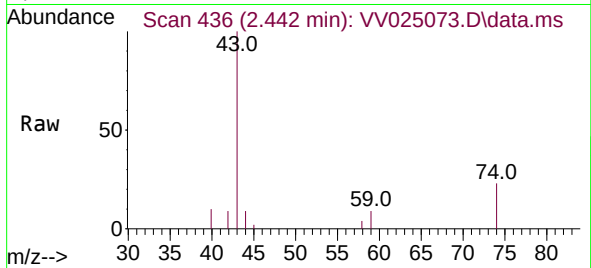




#15
Methyl Acetate
Concen: 5.855 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

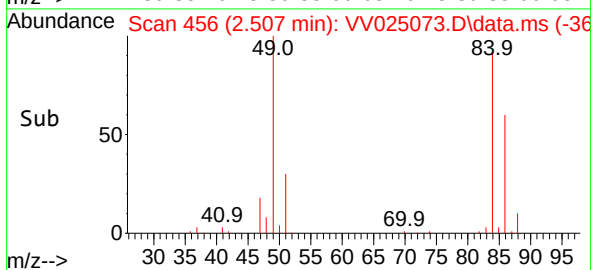
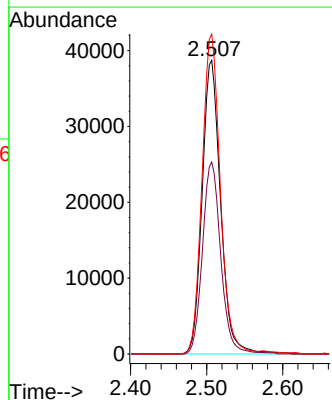
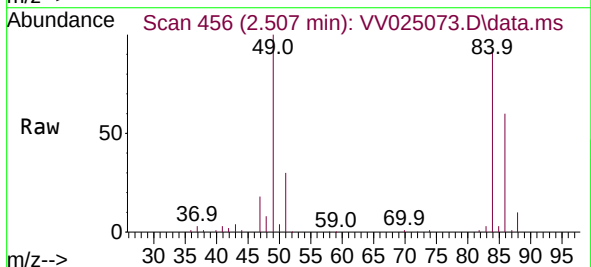
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

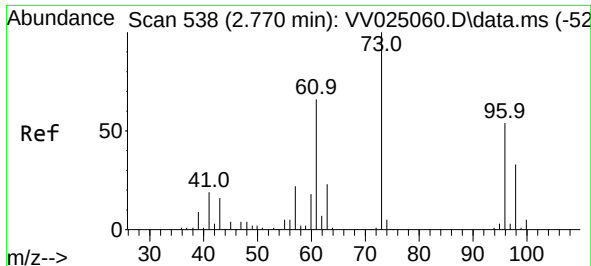
Tgt Ion: 43 Resp: 15599
Ion Ratio Lower Upper
43 100
74 24.5 24.2 36.4



#16
Methylene chloride
Concen: 5.529 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

Tgt Ion: 84 Resp: 65045
Ion Ratio Lower Upper
84 100
86 65.4 45.5 84.5
49 109.0 75.0 139.2

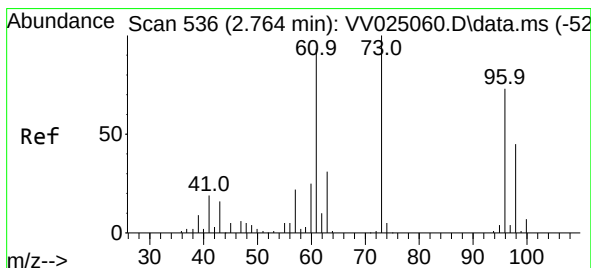
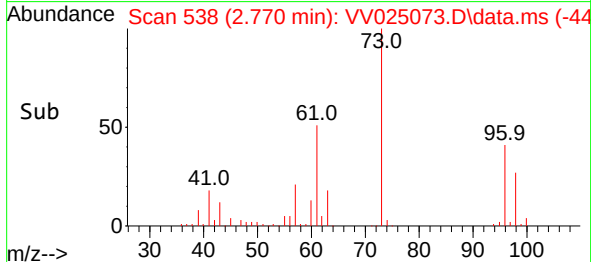
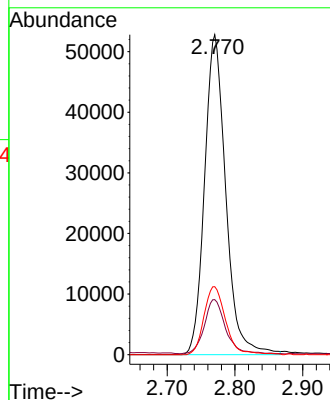
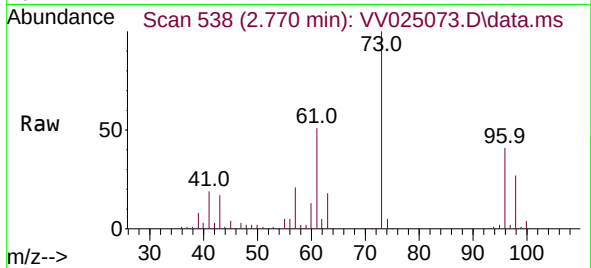




#17
Methyl tert-butyl Ether
Concen: 5.433 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

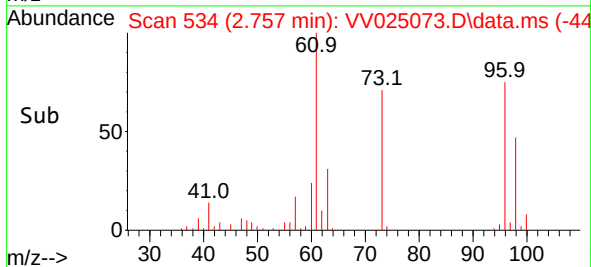
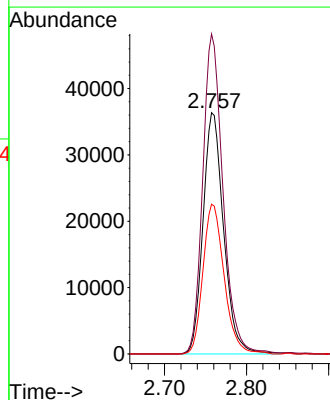
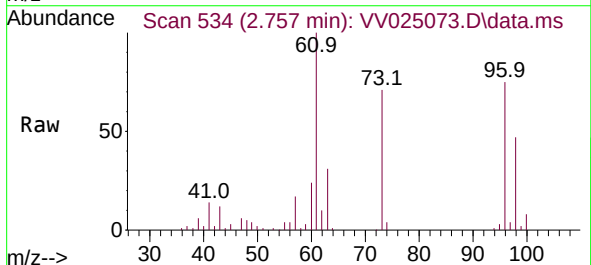
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

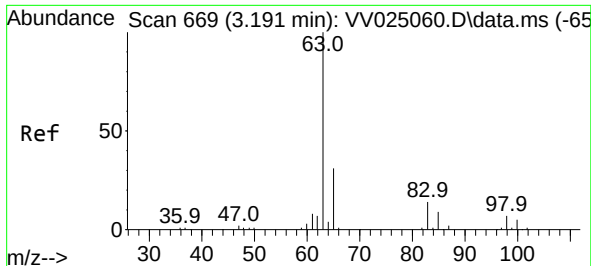
Tgt Ion: 73 Resp: 114893
Ion Ratio Lower Upper
73 100
43 16.7 13.2 19.8
57 21.7 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 5.428 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.006 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

Tgt Ion: 96 Resp: 63415
Ion Ratio Lower Upper
96 100
61 132.6 89.2 165.6
98 62.1 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.551 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV025073.D

Acq: 17 Mar 2022 11:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD005336

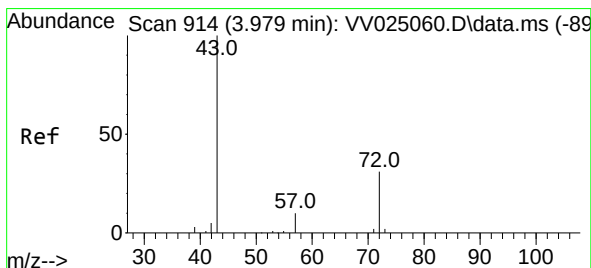
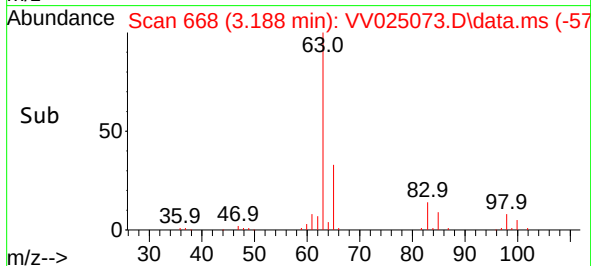
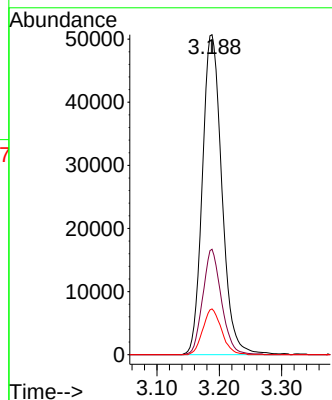
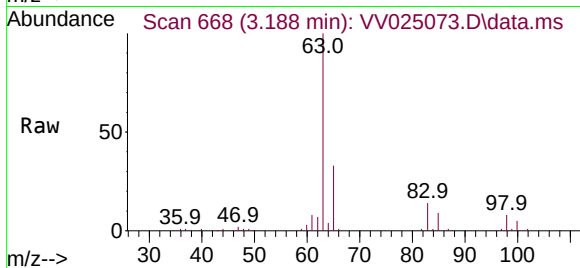
Tgt Ion: 63 Resp: 110380

Ion Ratio Lower Upper

63 100

65 32.9 22.2 41.2

83 14.3 9.4 17.4



#21

2-Butanone

Concen: 58.290 ug/L

RT: 3.998 min Scan# 920

Delta R.T. 0.019 min

Lab File: VV025073.D

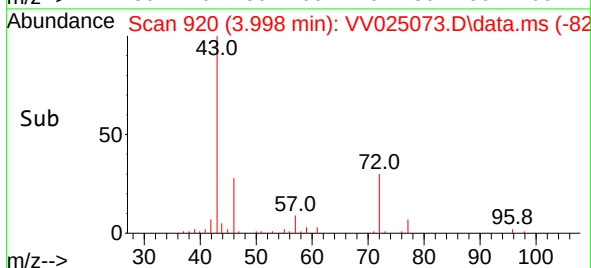
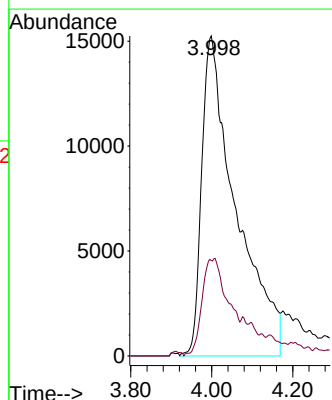
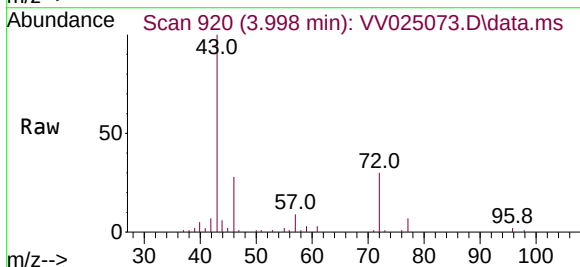
Acq: 17 Mar 2022 11:01

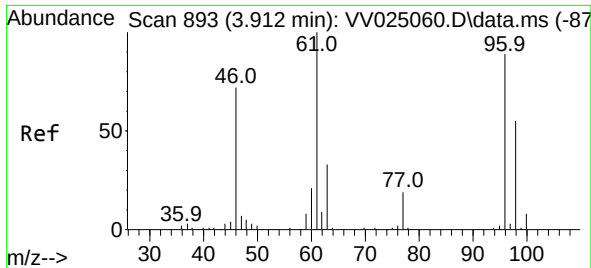
Tgt Ion: 43 Resp: 89465

Ion Ratio Lower Upper

43 100

72 9.6 10.4 31.2#

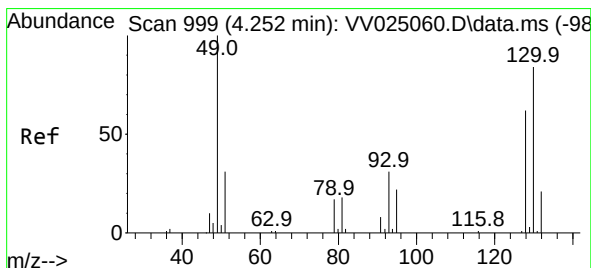
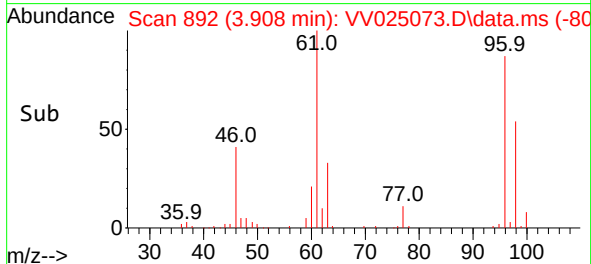
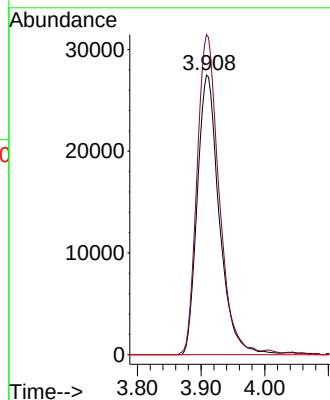
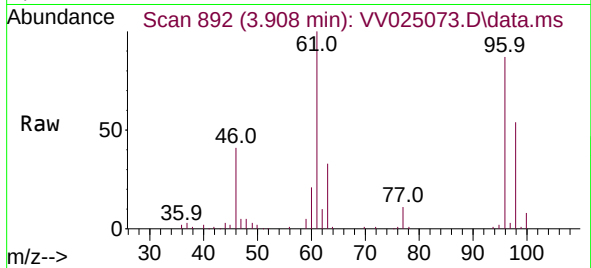




#22
 cis-1,2-Dichloroethene
 Concen: 5.590 ug/L
 RT: 3.908 min Scan# 893
 Delta R.T. -0.003 min
 Lab File: VV025073.D
 Acq: 17 Mar 2022 11:01

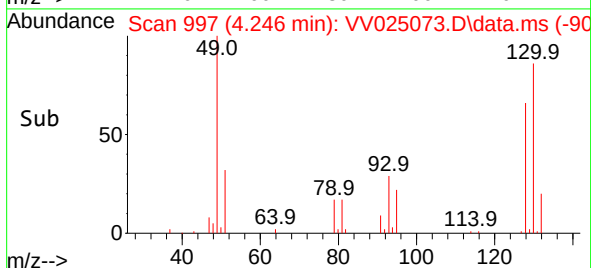
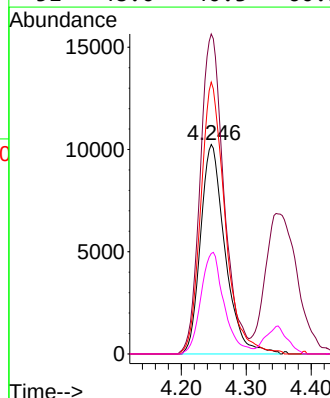
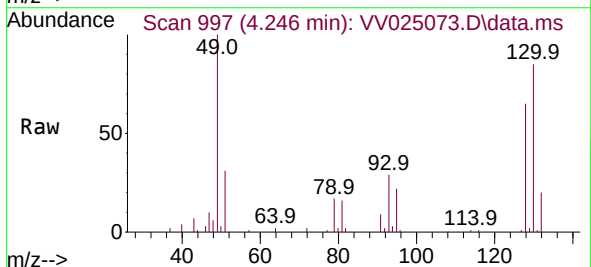
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005336

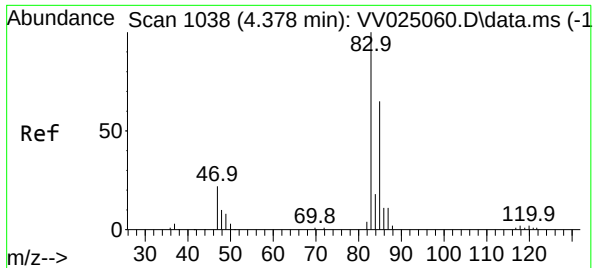
Tgt Ion: 96 Resp: 65937
 Ion Ratio Lower Upper
 96 100
 61 114.4 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.776 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VV025073.D
 Acq: 17 Mar 2022 11:01

Tgt Ion: 128 Resp: 26863
 Ion Ratio Lower Upper
 128 100
 49 152.8 107.5 199.7
 130 129.8 89.4 166.0
 51 48.0 40.3 60.5

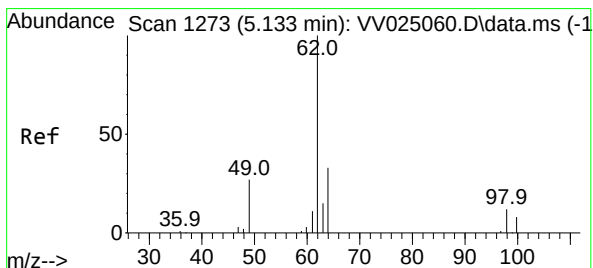
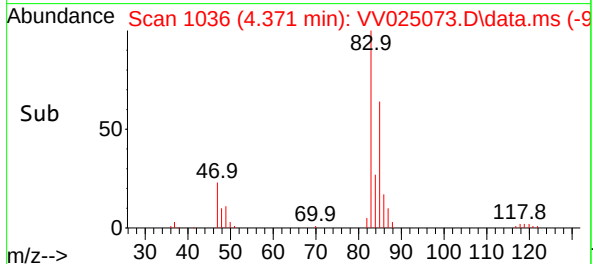
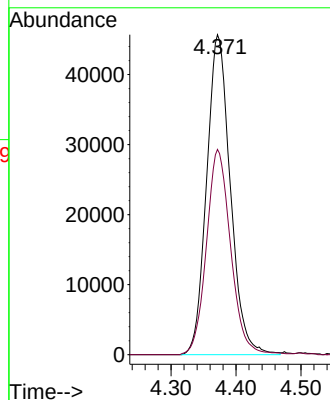
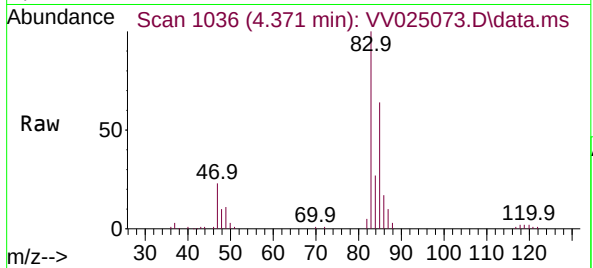




#25
Chloroform
Concen: 5.594 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

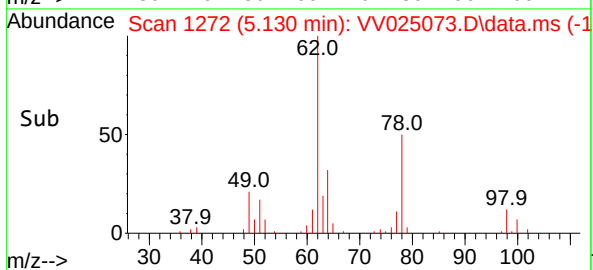
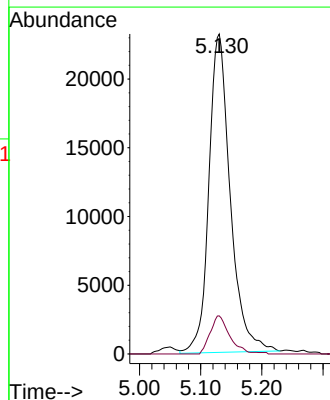
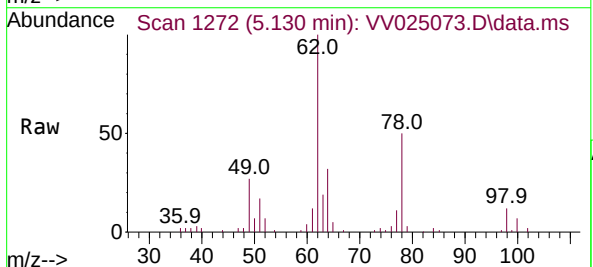
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

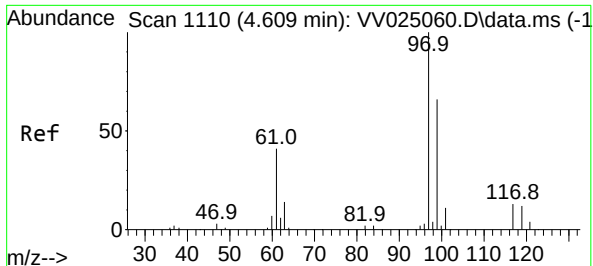
Tgt Ion: 83 Resp: 115817
Ion Ratio Lower Upper
83 100
85 64.1 44.5 82.7



#27
1,2-Dichloroethane
Concen: 5.470 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

Tgt Ion: 62 Resp: 56315
Ion Ratio Lower Upper
62 100
98 11.9 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.428 ug/L

RT: 4.603 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VV025073.D

Acq: 17 Mar 2022 11:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD005336

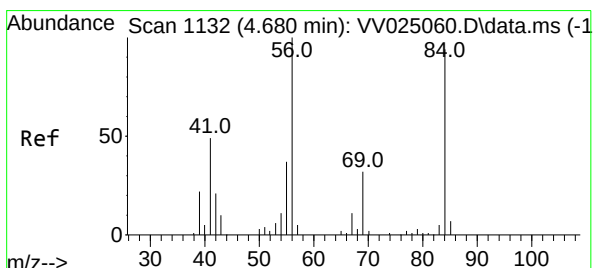
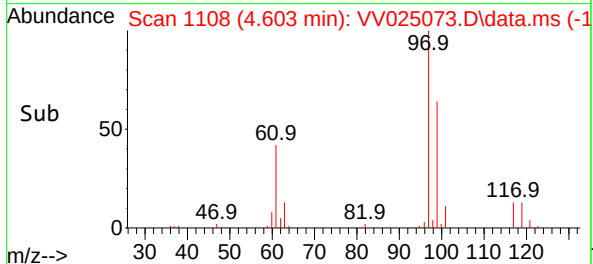
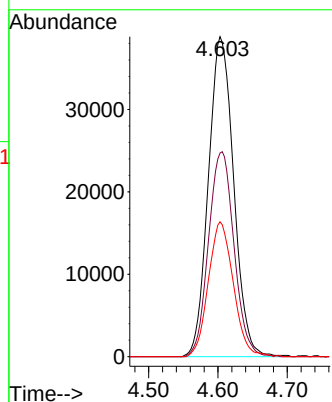
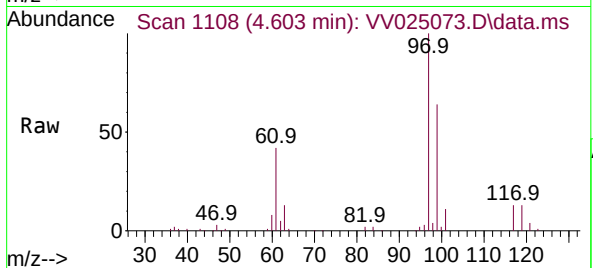
Tgt Ion: 97 Resp: 98465

Ion Ratio Lower Upper

97 100

99 64.6 50.7 76.1

61 41.6 32.4 48.6



#30

Cyclohexane

Concen: 5.293 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VV025073.D

Acq: 17 Mar 2022 11:01

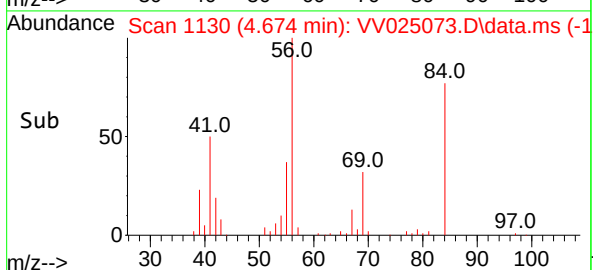
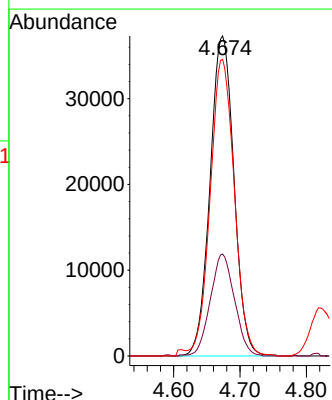
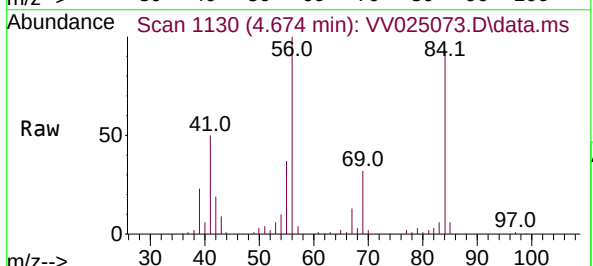
Tgt Ion: 56 Resp: 93413

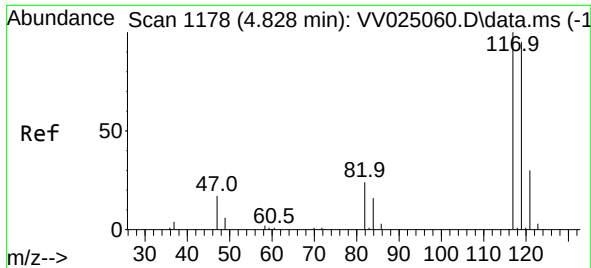
Ion Ratio Lower Upper

56 100

69 32.2 24.9 37.3

84 93.4 75.9 113.9

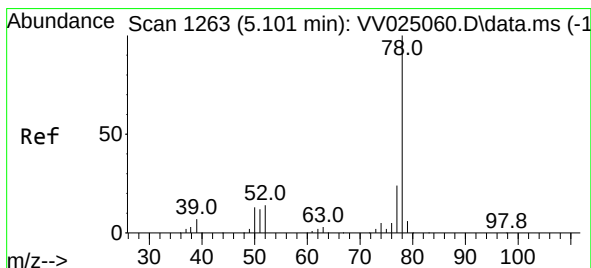
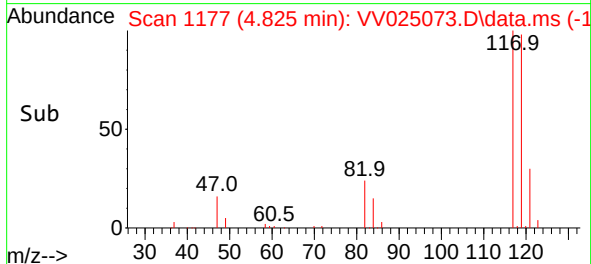
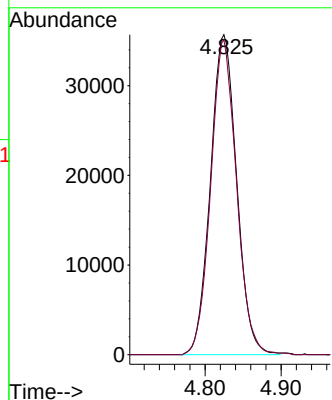
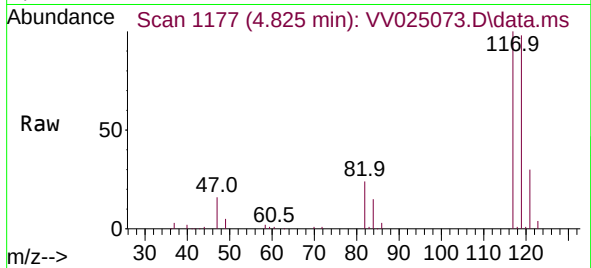




#31
Carbon tetrachloride
Concen: 5.505 ug/L
RT: 4.825 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

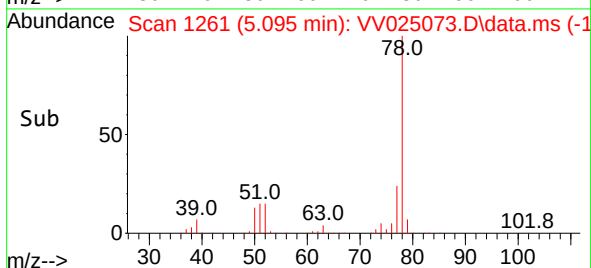
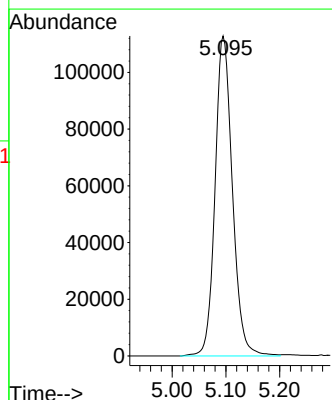
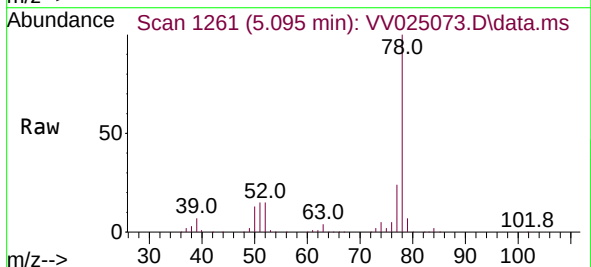
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

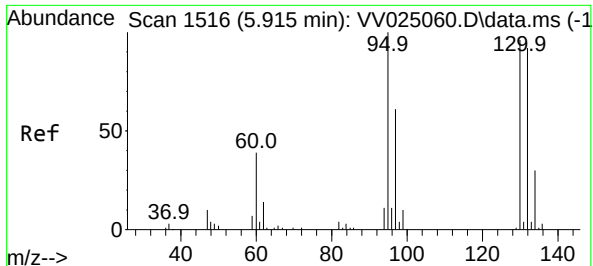
Tgt Ion:117 Resp: 85667
Ion Ratio Lower Upper
117 100
119 96.4 76.8 115.2



#33
Benzene
Concen: 5.462 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

Tgt Ion: 78 Resp: 252696

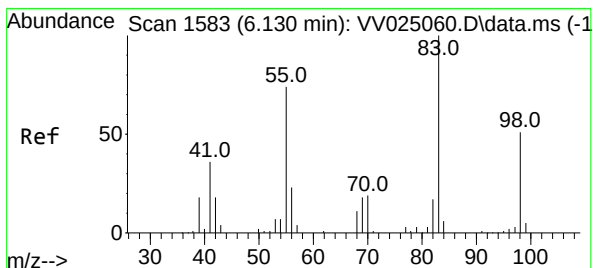
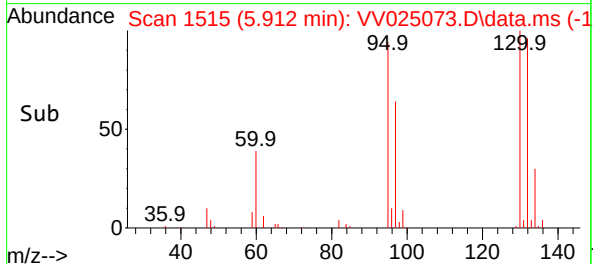
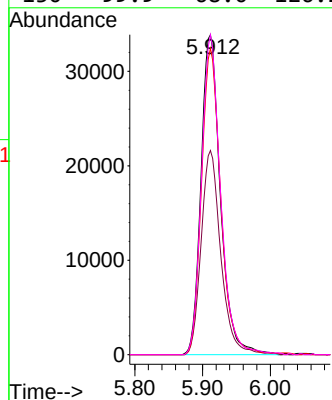
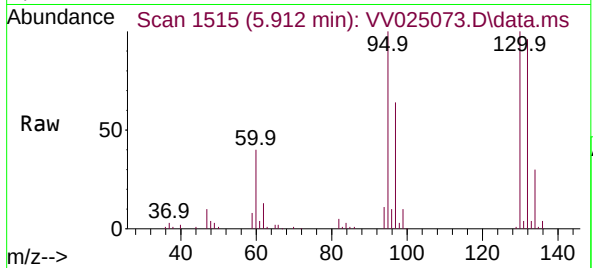




#34
Trichloroethene
Concen: 5.484 ug/L
RT: 5.912 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

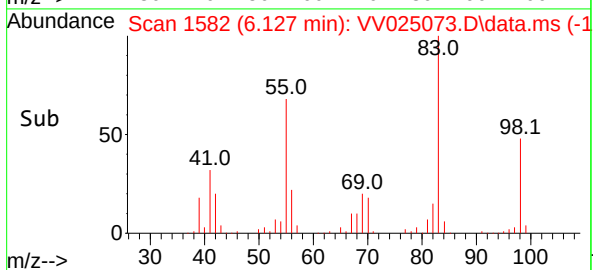
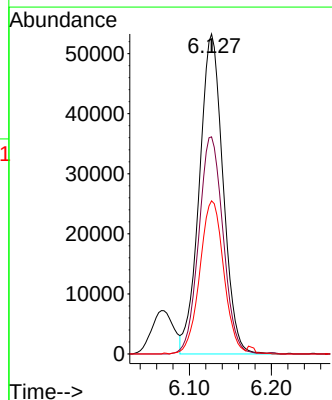
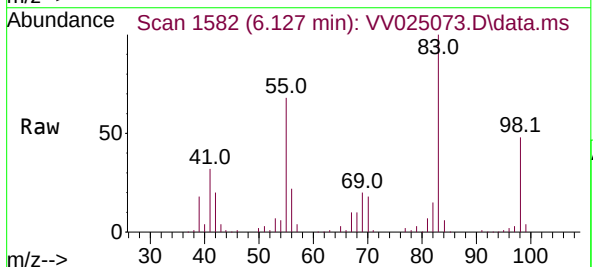
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

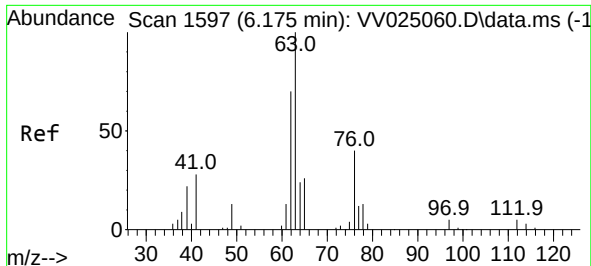
Tgt Ion: 95 Resp: 67559
Ion Ratio Lower Upper
95 100
97 63.8 44.5 82.7
132 95.7 66.5 123.5
130 99.9 68.0 126.2



#35
Methylcyclohexane
Concen: 5.480 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

Tgt Ion: 83 Resp: 106861
Ion Ratio Lower Upper
83 100
55 69.6 55.4 83.0
98 48.3 38.4 57.6





#37

1,2-Dichloropropane

Concen: 5.803 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025073.D

Acq: 17 Mar 2022 11:01

Instrument :

MSVOA_V

ClientSampleId :

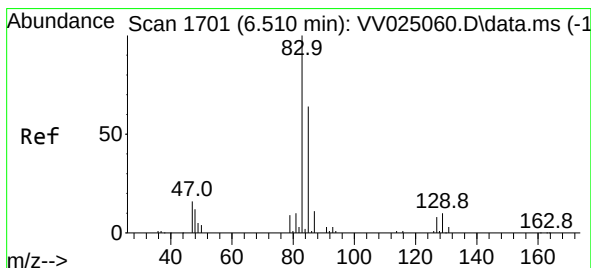
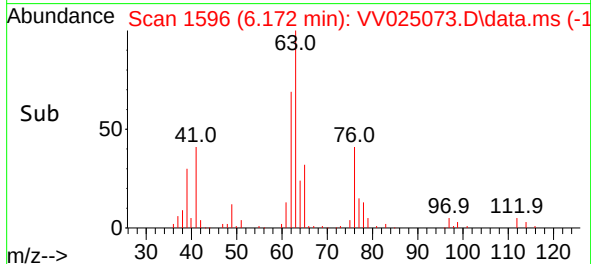
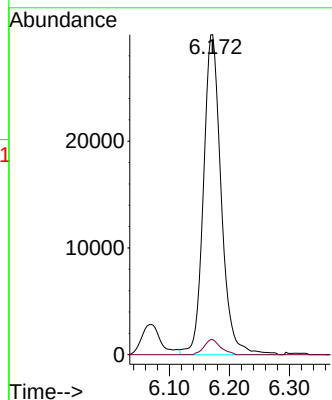
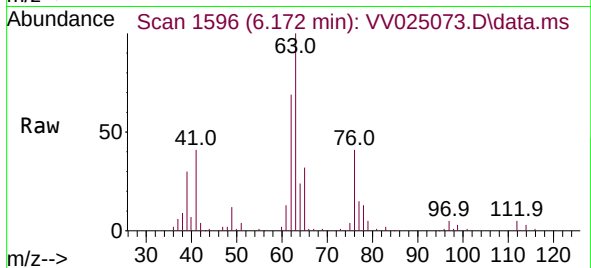
VSTD005336

Tgt Ion: 63 Resp: 61695

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.6



#38

Bromodichloromethane

Concen: 5.505 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV025073.D

Acq: 17 Mar 2022 11:01

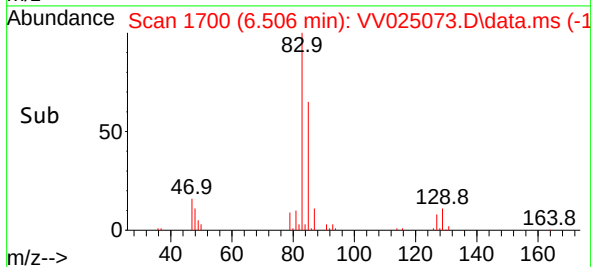
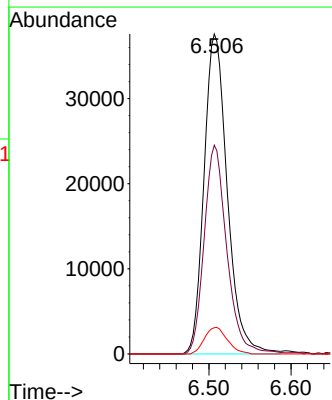
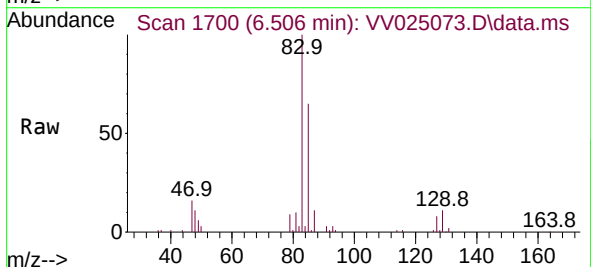
Tgt Ion: 83 Resp: 74018

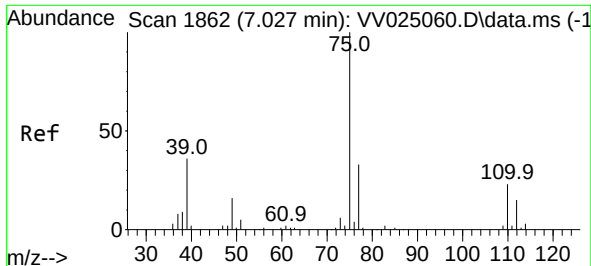
Ion Ratio Lower Upper

83 100

85 65.2 44.8 83.2

127 8.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.422 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV025073.D

Acq: 17 Mar 2022 11:01

Instrument :

MSVOA_V

ClientSampleId :

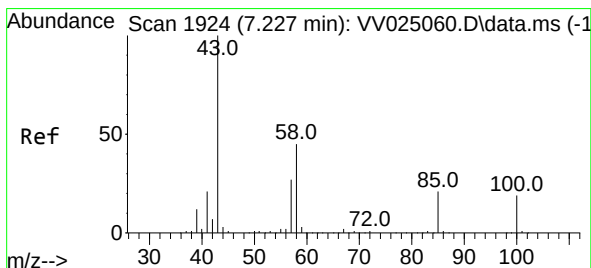
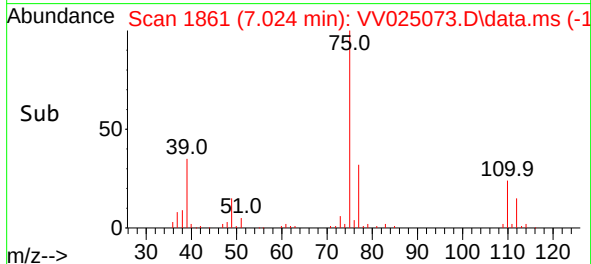
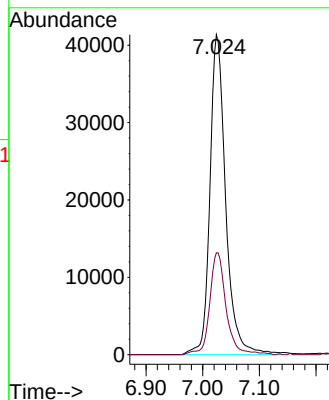
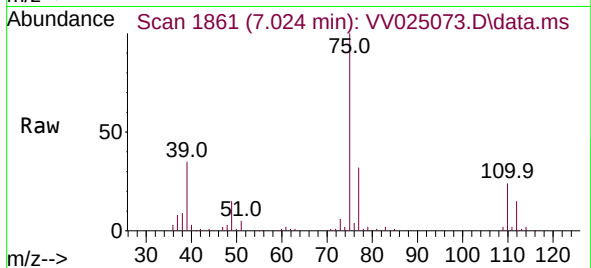
VSTD005336

Tgt Ion: 75 Resp: 80039

Ion Ratio Lower Upper

75 100

77 31.9 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 56.393 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV025073.D

Acq: 17 Mar 2022 11:01

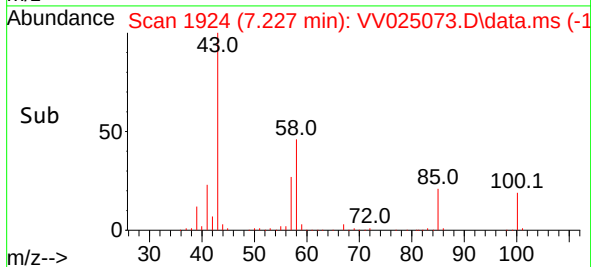
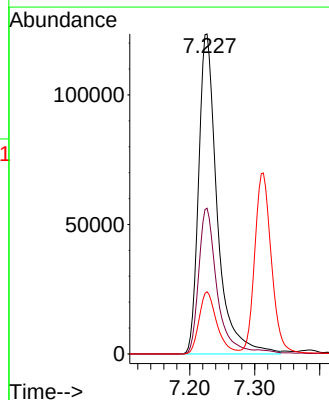
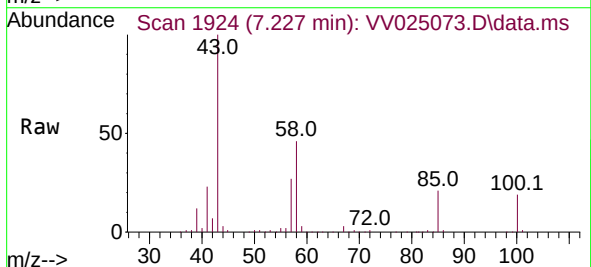
Tgt Ion: 43 Resp: 246707

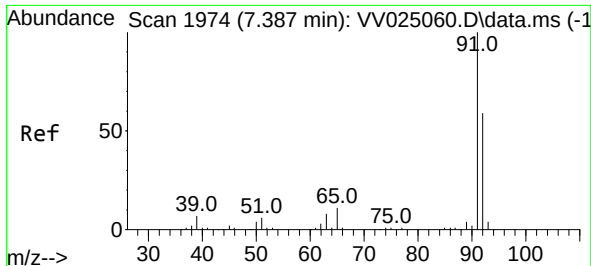
Ion Ratio Lower Upper

43 100

58 44.3 36.6 55.0

100 18.6 13.8 20.8





#42

Toluene

Concen: 5.593 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV025073.D

Acq: 17 Mar 2022 11:01

Instrument :

MSVOA_V

ClientSampleId :

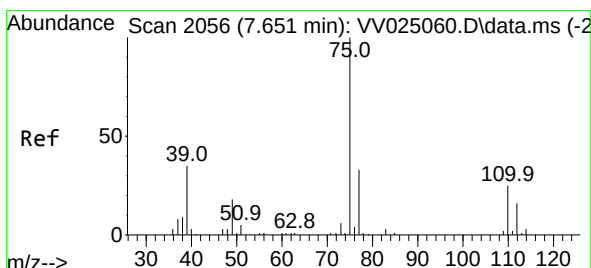
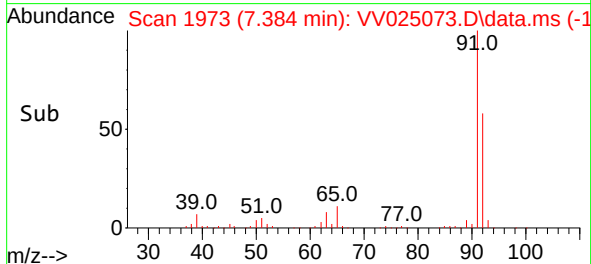
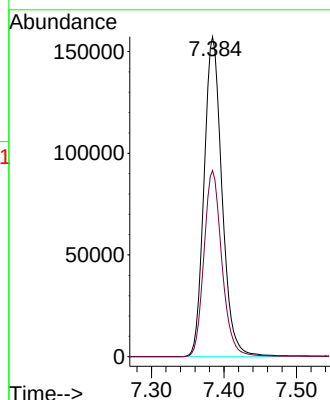
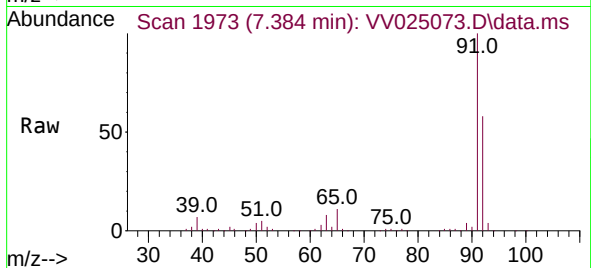
VSTD005336

Tgt Ion: 91 Resp: 270786

Ion Ratio Lower Upper

91 100

92 58.2 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.398 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV025073.D

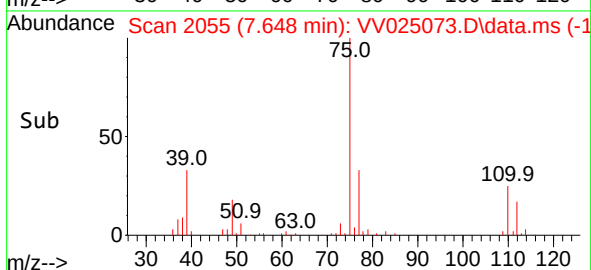
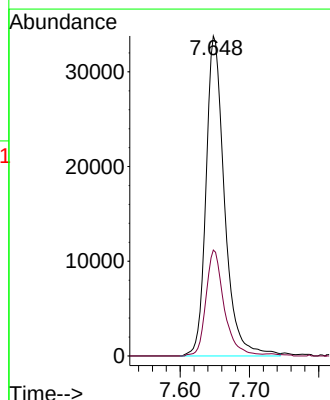
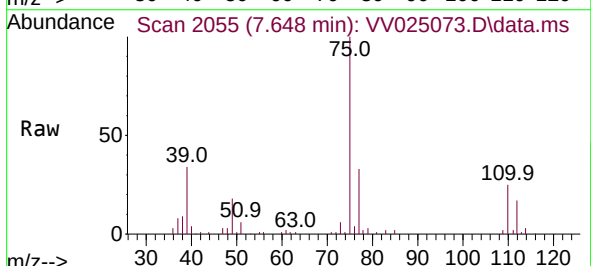
Acq: 17 Mar 2022 11:01

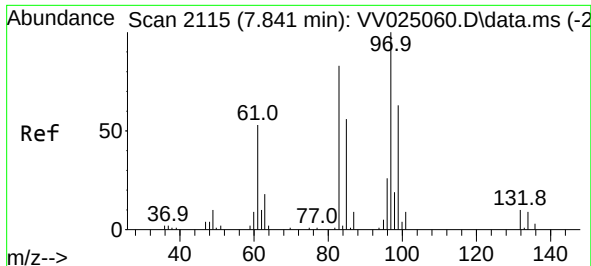
Tgt Ion: 75 Resp: 62705

Ion Ratio Lower Upper

75 100

77 33.1 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 5.673 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV025073.D

Acq: 17 Mar 2022 11:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD005336

Tgt Ion: 97 Resp: 40285

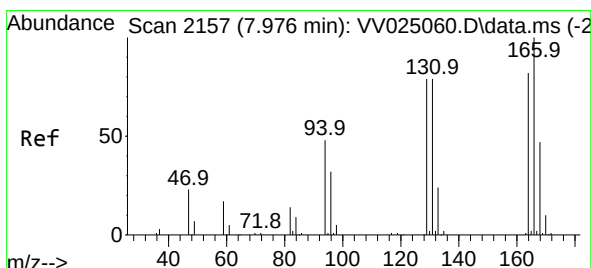
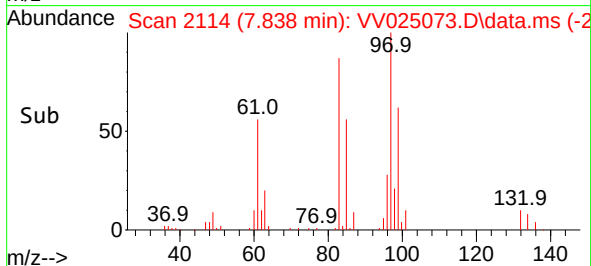
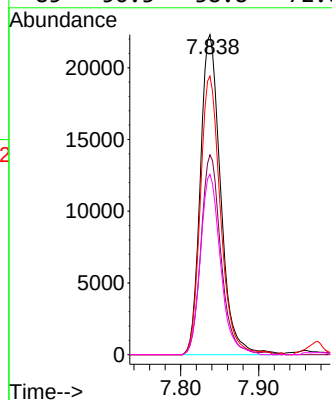
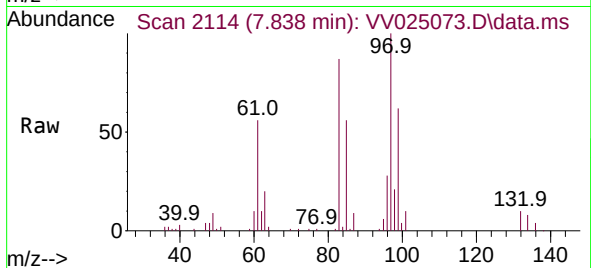
Ion Ratio Lower Upper

97 100

99 62.4 43.7 81.1

83 87.1 58.9 109.3

85 56.3 38.8 72.0



#47

Tetrachloroethene

Concen: 5.473 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV025073.D

Acq: 17 Mar 2022 11:01

Tgt Ion:164 Resp: 47426

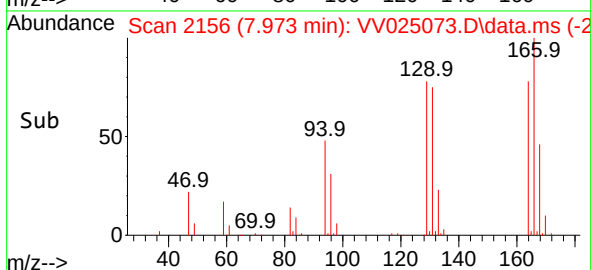
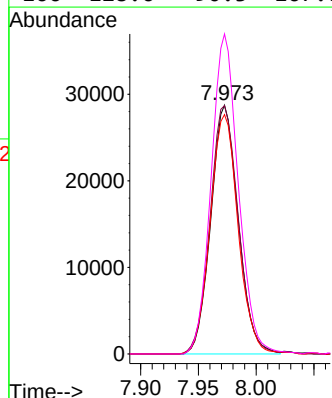
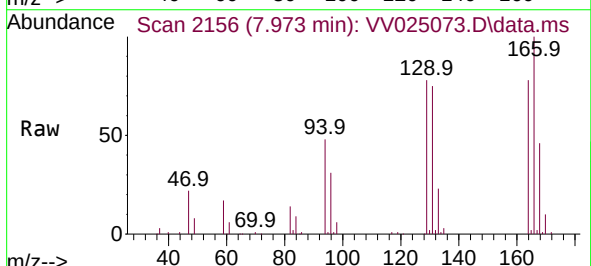
Ion Ratio Lower Upper

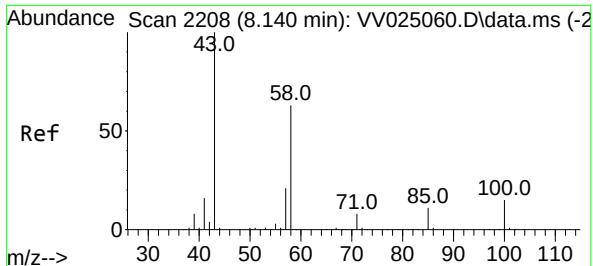
164 100

129 99.8 70.3 130.7

131 96.2 69.4 129.0

166 128.6 90.3 167.7

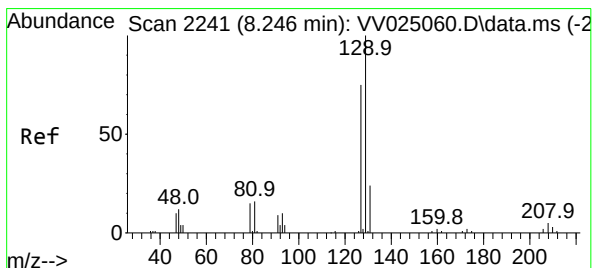
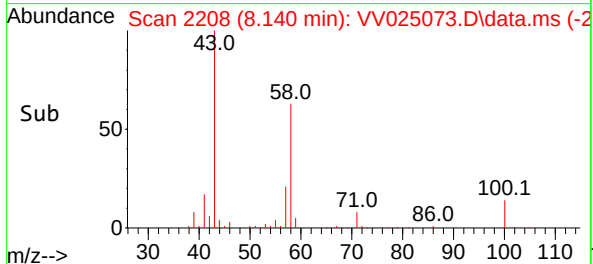
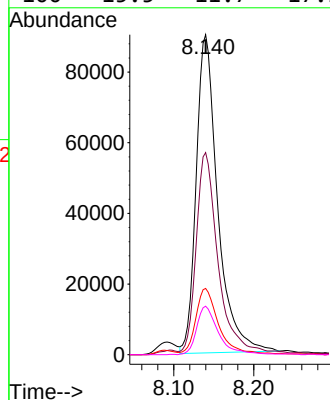
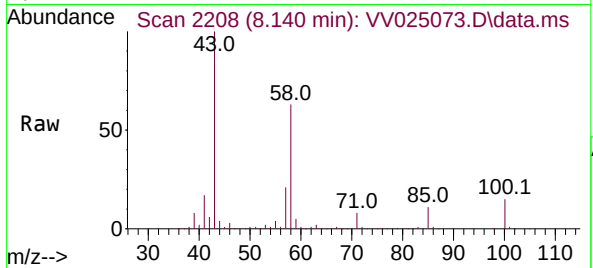




#48
2-Hexanone
Concen: 54.537 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

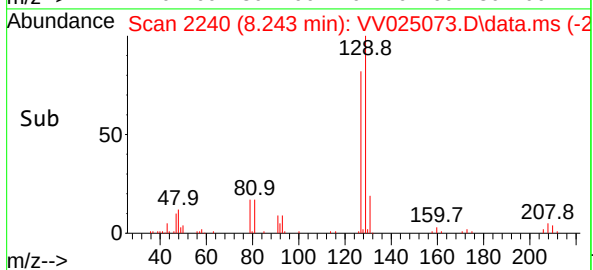
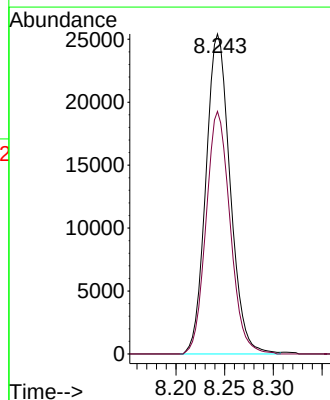
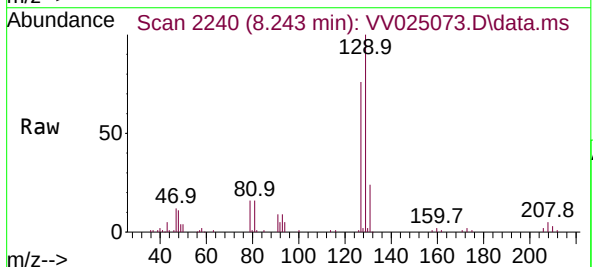
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

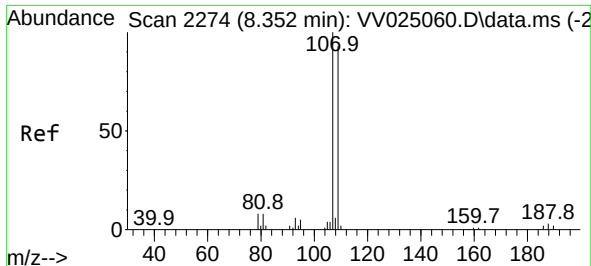
Tgt Ion: 43	Resp: 169148		
Ion	Ratio	Lower	Upper
43	100		
58	64.2	49.2	73.8
57	21.8	16.0	24.0
100	15.5	11.7	17.5



#49
Dibromochloromethane
Concen: 5.537 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

Tgt Ion:129	Resp: 44014		
Ion Ratio	Lower	Upper	
129 100			
127 75.8	54.9	102.1	





#50

1,2-Dibromoethane

Concen: 5.698 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV025073.D

Acq: 17 Mar 2022 11:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD005336

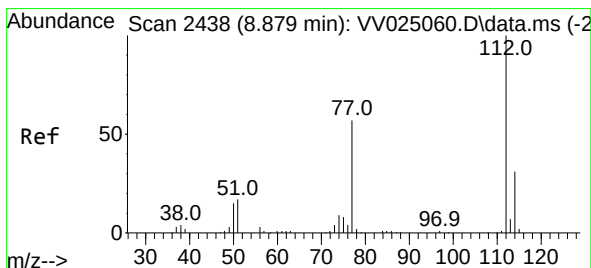
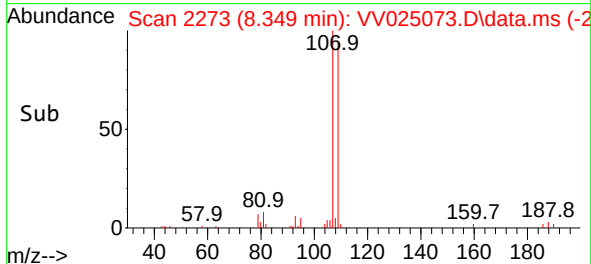
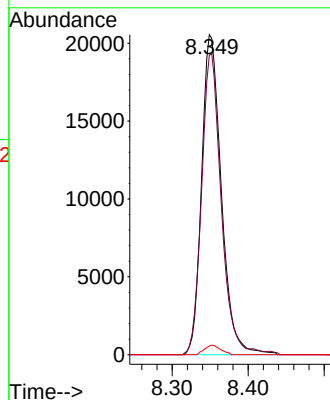
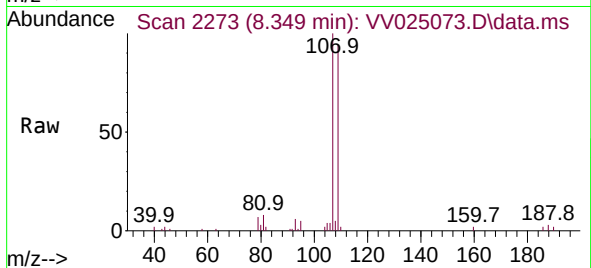
Tgt Ion:107 Resp: 37029

Ion Ratio Lower Upper

107 100

109 93.5 65.5 121.6

188 2.7 2.4 3.6



#51

Chlorobenzene

Concen: 5.549 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV025073.D

Acq: 17 Mar 2022 11:01

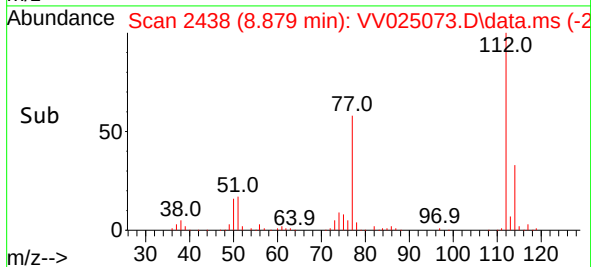
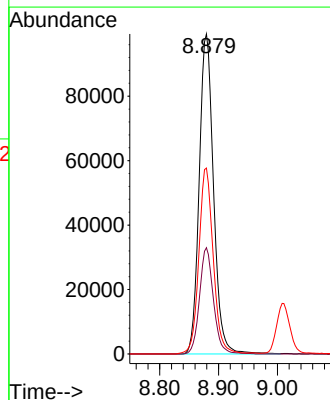
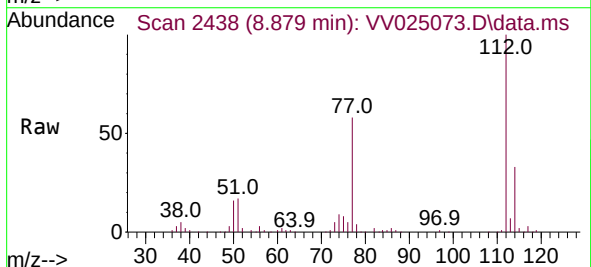
Tgt Ion:112 Resp: 168240

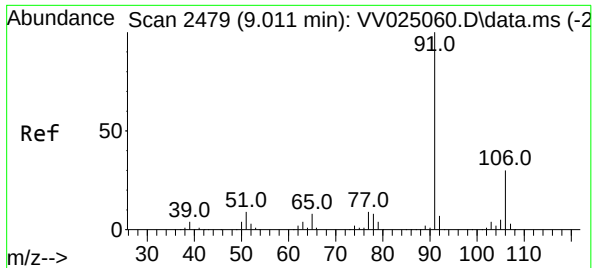
Ion Ratio Lower Upper

112 100

114 33.2 22.5 41.7

77 58.1 45.3 67.9

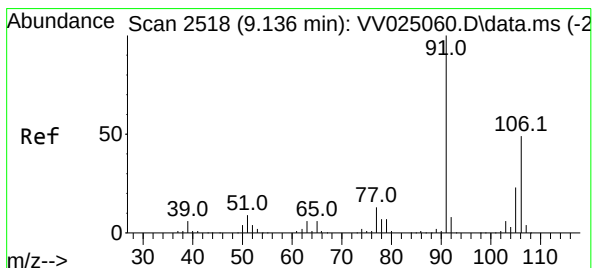
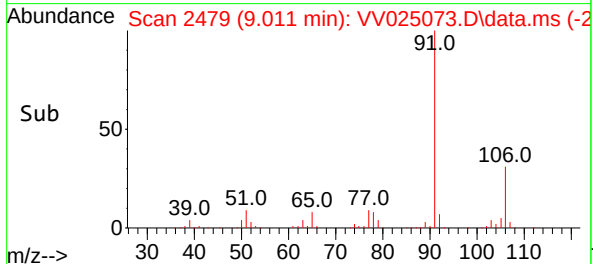
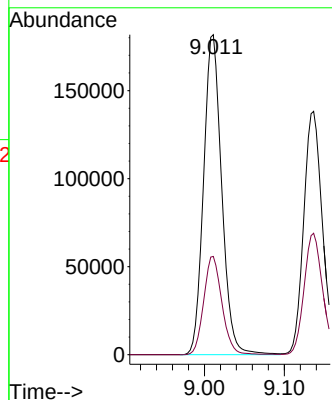
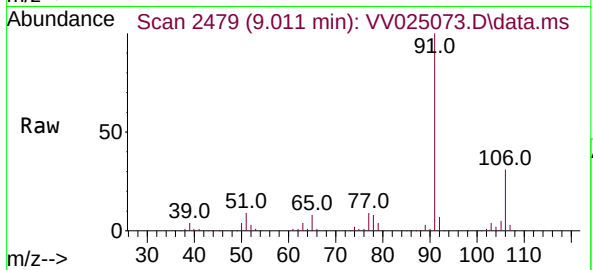




#52
Ethylbenzene
Concen: 5.602 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

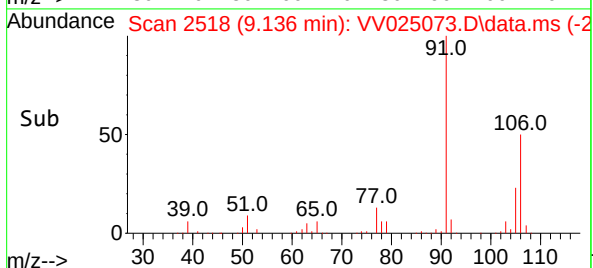
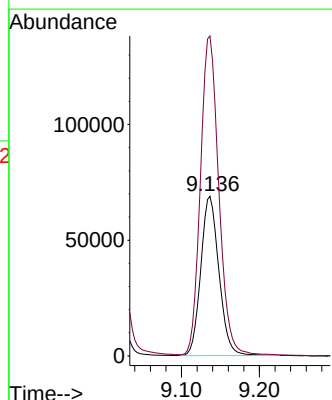
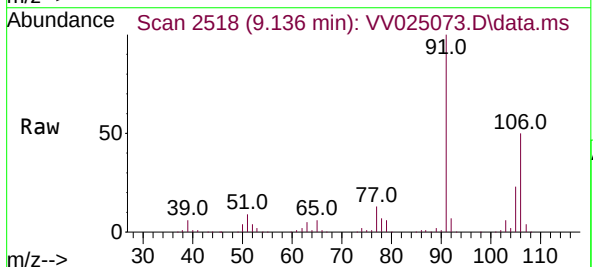
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

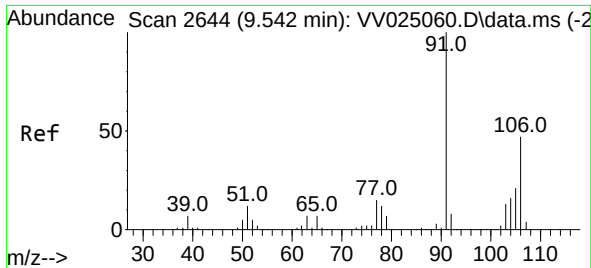
Tgt Ion: 91 Resp: 286908
Ion Ratio Lower Upper
91 100
106 30.7 21.9 40.7



#53
m,p-xylene
Concen: 5.641 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

Tgt Ion: 106 Resp: 111265
Ion Ratio Lower Upper
106 100
91 200.4 143.4 266.4

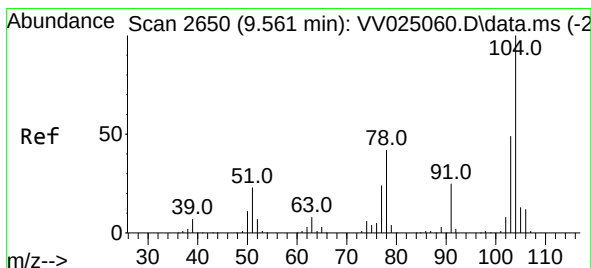
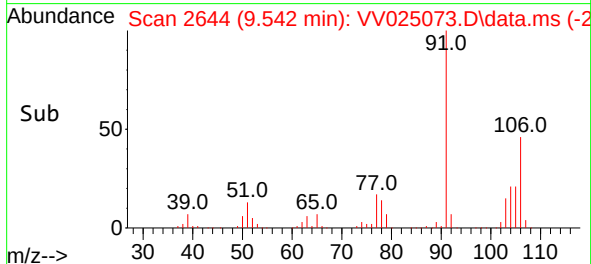
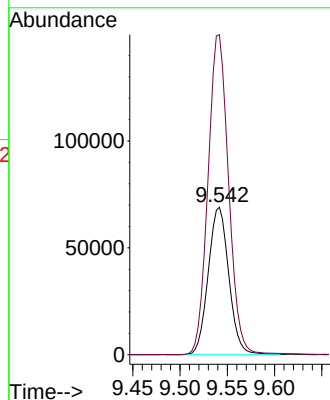
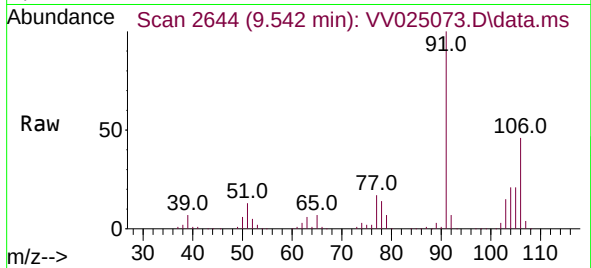




#54
o-xylene
Concen: 5.546 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

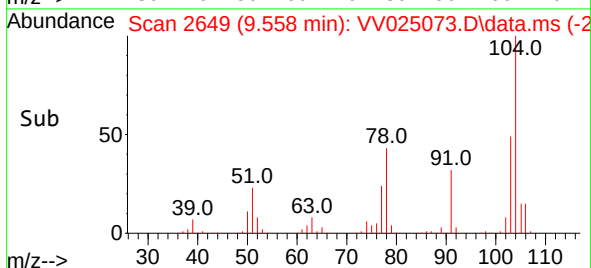
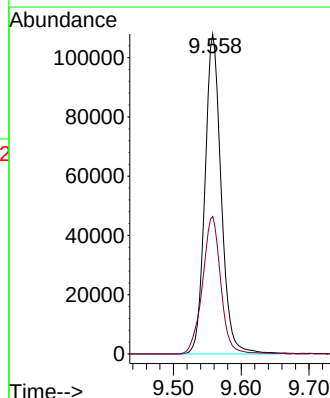
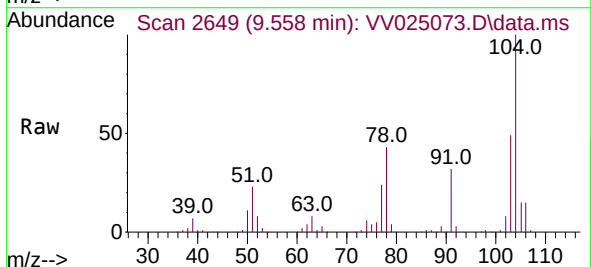
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

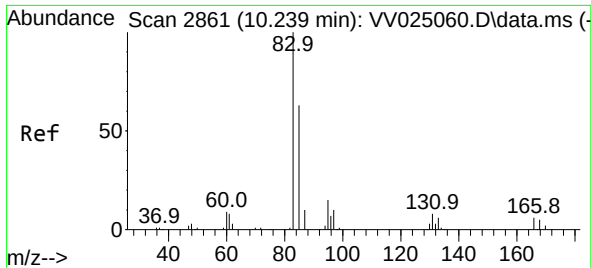
Tgt Ion:106 Resp: 104606
Ion Ratio Lower Upper
106 100
91 217.0 146.7 272.5



#55
Styrene
Concen: 5.848 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

Tgt Ion:104 Resp: 179657
Ion Ratio Lower Upper
104 100
78 43.0 30.2 56.2

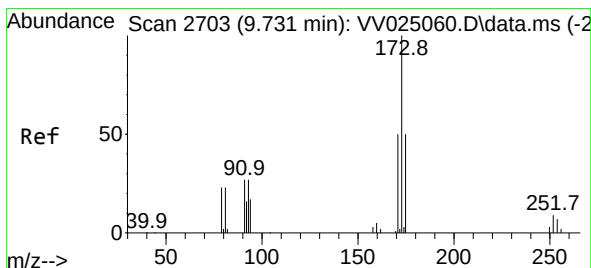
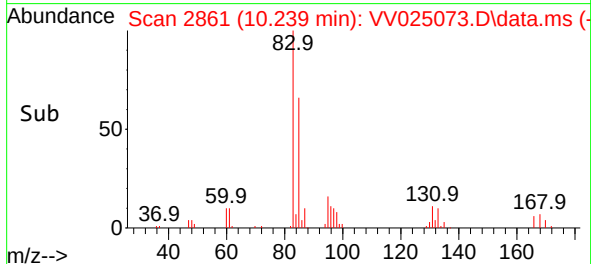
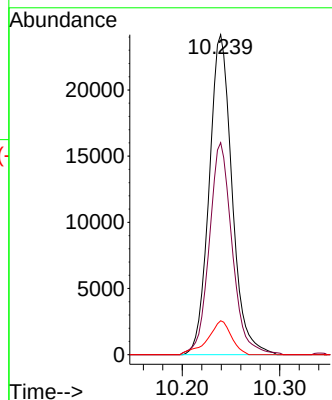
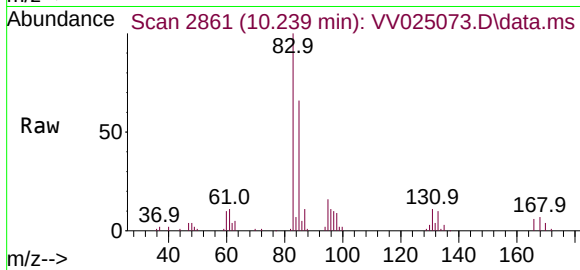




#57
1,1,2,2-Tetrachloroethane
Concen: 5.664 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

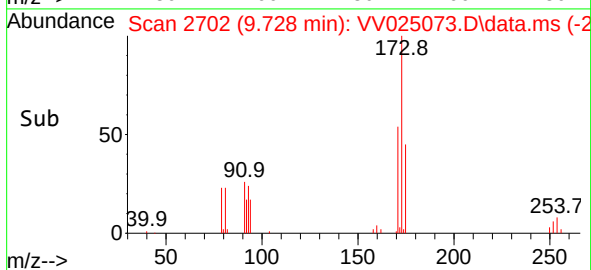
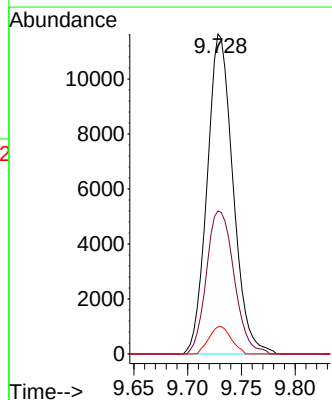
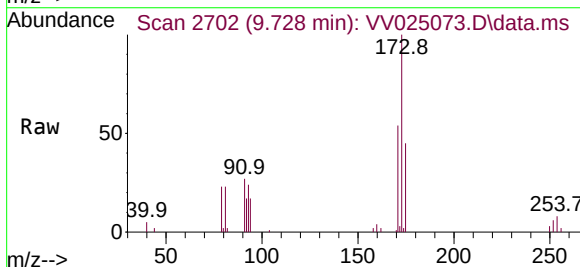
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

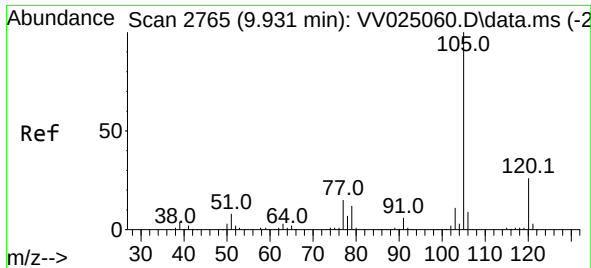
Tgt Ion: 83 Resp: 39430
Ion Ratio Lower Upper
83 100
85 66.3 43.9 81.5
131 10.6 7.5 11.3



#59
Bromoform
Concen: 5.227 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

Tgt Ion: 173 Resp: 19486
Ion Ratio Lower Upper
173 100
175 47.8 37.8 56.8
254 7.3 5.8 8.6

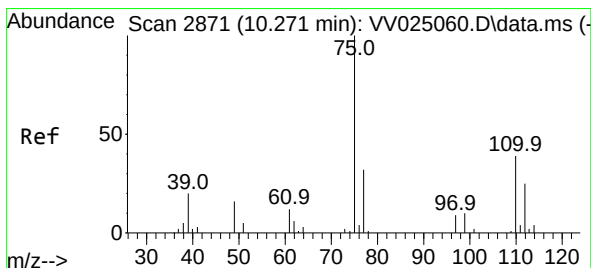
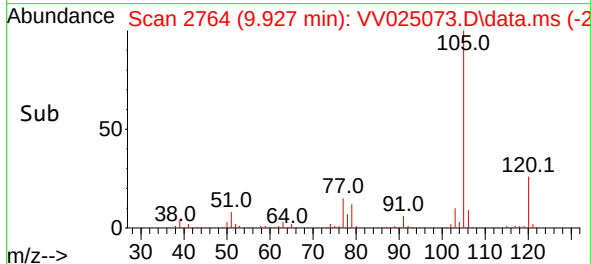
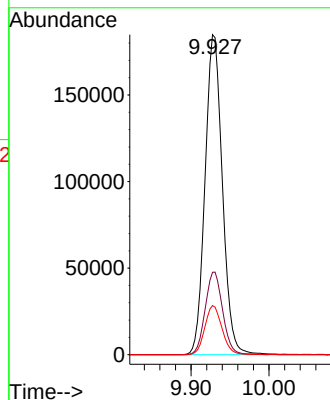
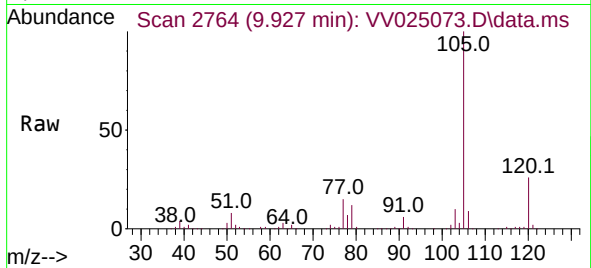




#60
Isopropylbenzene
Concen: 5.478 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

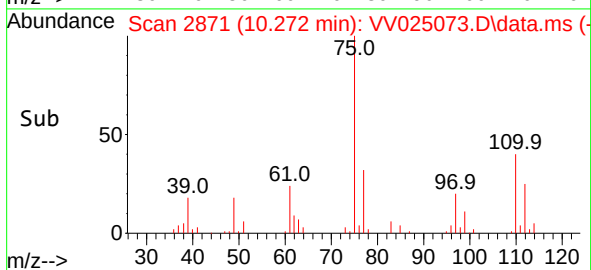
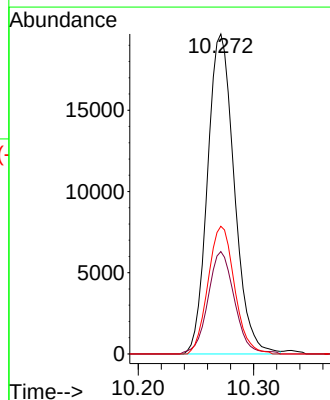
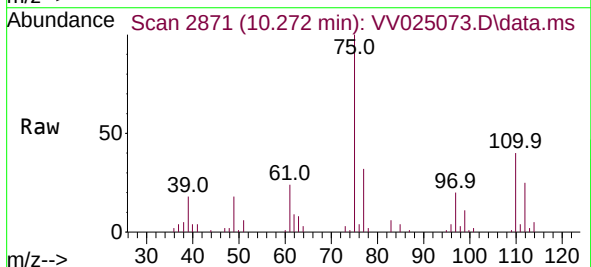
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

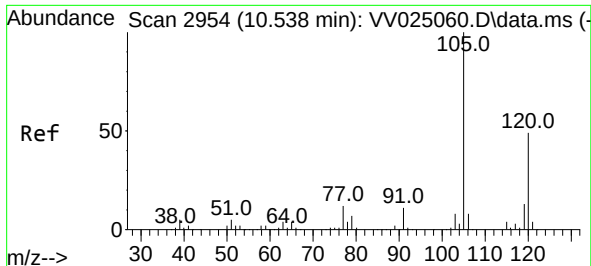
Tgt Ion:105 Resp: 285928
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.444 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

Tgt Ion: 75 Resp: 31689
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
110 39.6 31.2 46.8

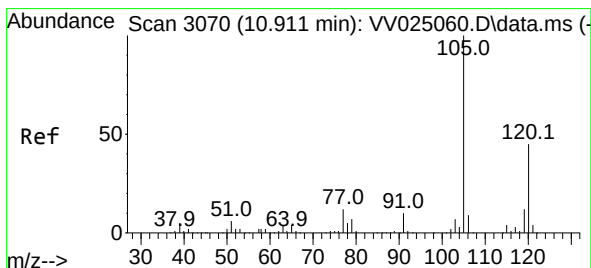
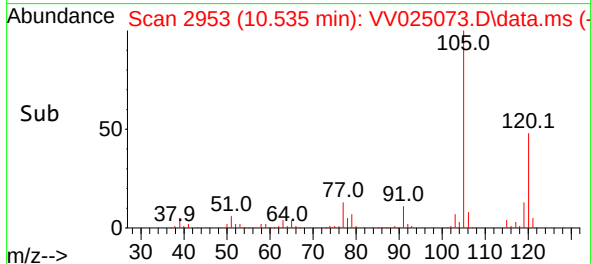
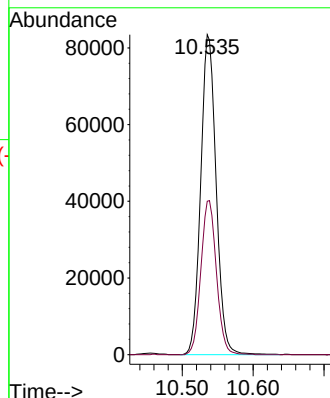
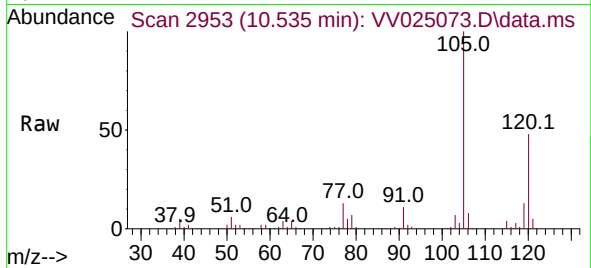




#62
 1,3,5-Trimethylbenzene
 Concen: 5.321 ug/L
 RT: 10.535 min Scan# 2954
 Delta R.T. -0.003 min
 Lab File: VV025073.D
 Acq: 17 Mar 2022 11:01

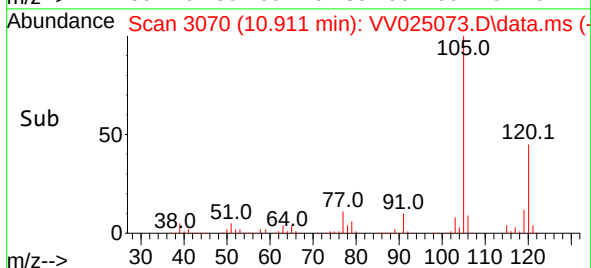
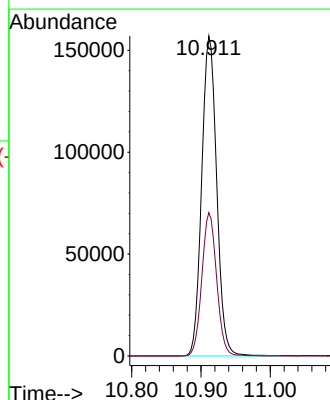
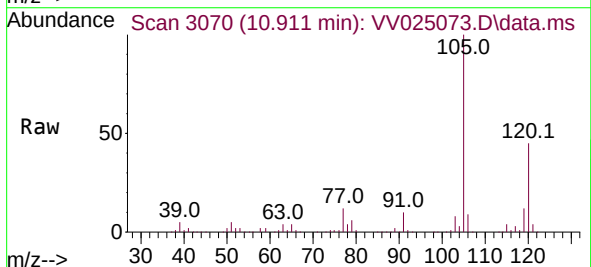
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005336

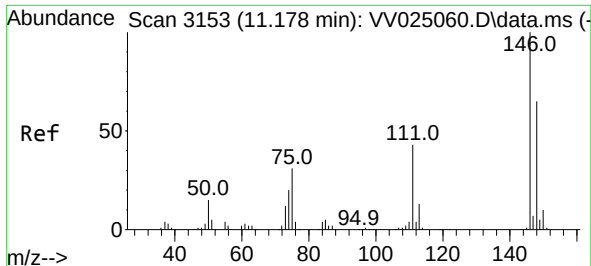
Tgt Ion:105 Resp: 126034
 Ion Ratio Lower Upper
 105 100
 120 48.4 38.5 57.7



#63
 1,2,4-Trimethylbenzene
 Concen: 5.625 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV025073.D
 Acq: 17 Mar 2022 11:01

Tgt Ion:105 Resp: 235943
 Ion Ratio Lower Upper
 105 100
 120 44.1 35.8 53.8

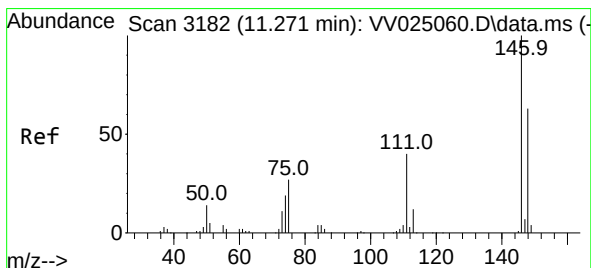
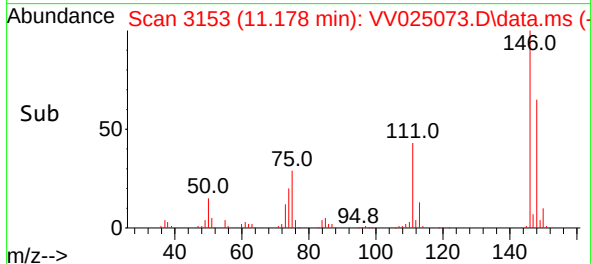
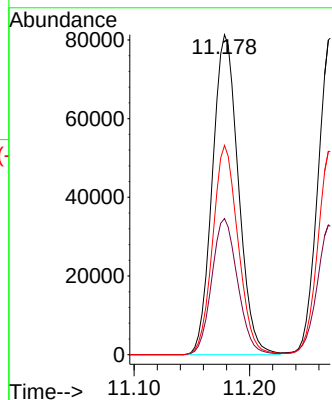
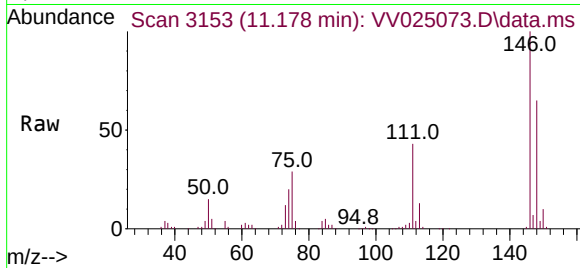




#64
1,3-Dichlorobenzene
Concen: 5.610 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

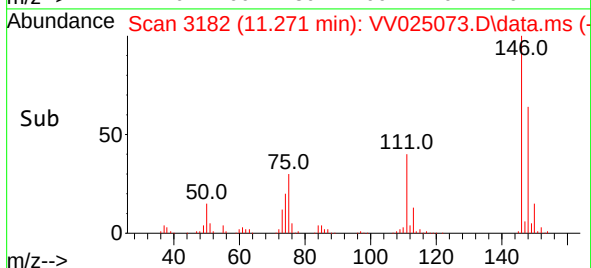
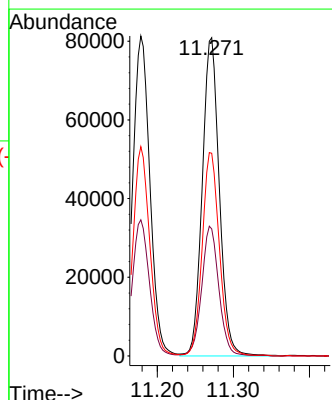
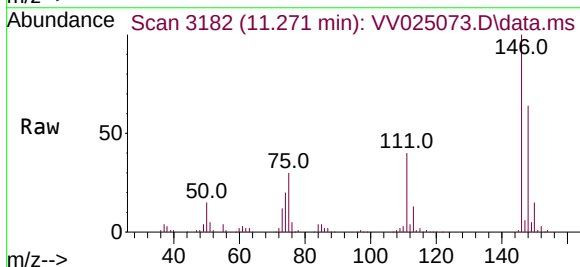
Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

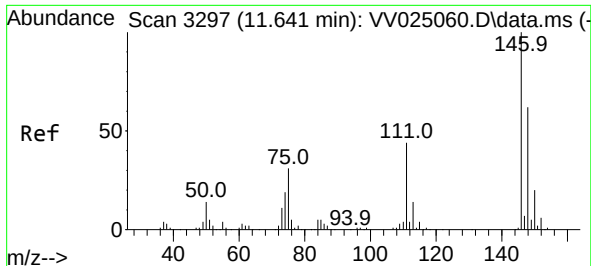
Tgt Ion:146 Resp: 127028
Ion Ratio Lower Upper
146 100
111 42.5 29.2 54.2
148 65.4 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 5.517 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

Tgt Ion:146 Resp: 125918
Ion Ratio Lower Upper
146 100
111 39.9 28.2 52.4
148 63.7 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 5.501 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV025073.D

Acq: 17 Mar 2022 11:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD005336

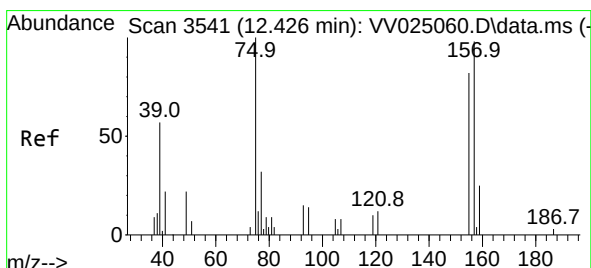
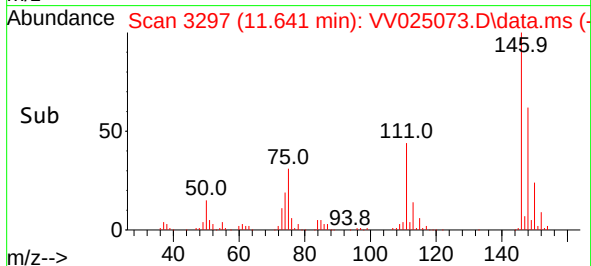
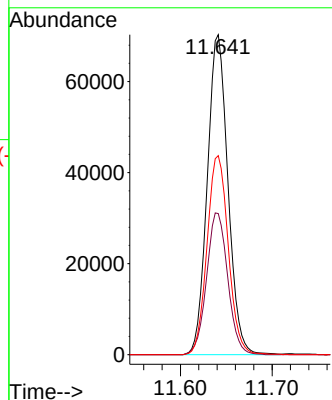
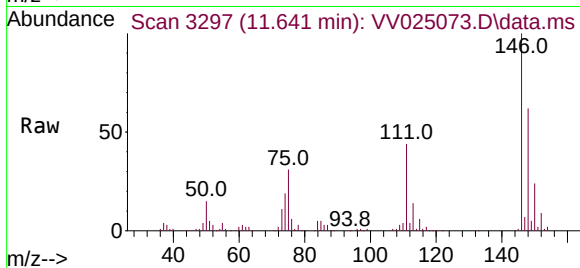
Tgt Ion:146 Resp: 110371

Ion Ratio Lower Upper

146 100

111 44.1 35.5 53.3

148 62.2 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.965 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV025073.D

Acq: 17 Mar 2022 11:01

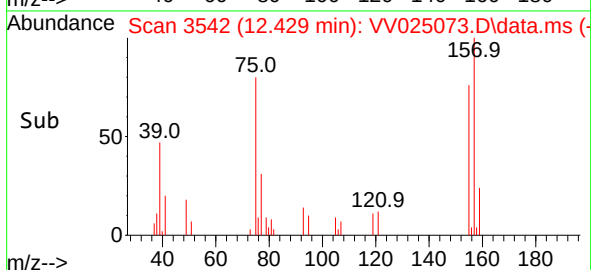
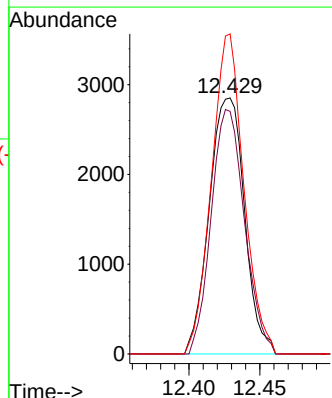
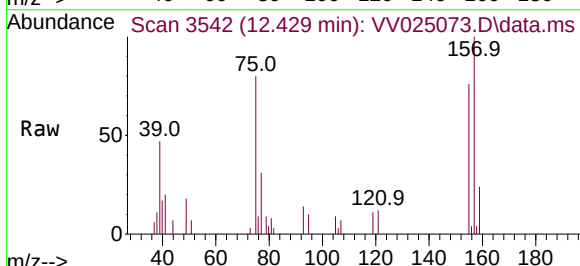
Tgt Ion: 75 Resp: 4954

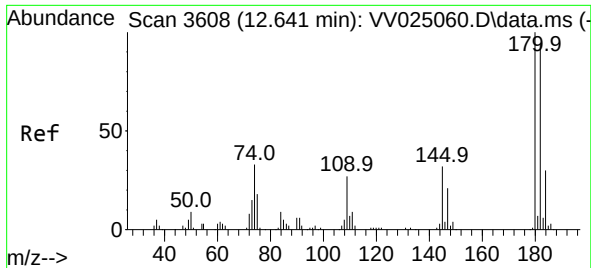
Ion Ratio Lower Upper

75 100

155 94.7 65.9 98.9

157 125.0 89.7 134.5

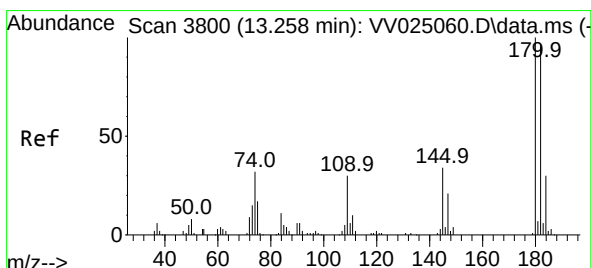
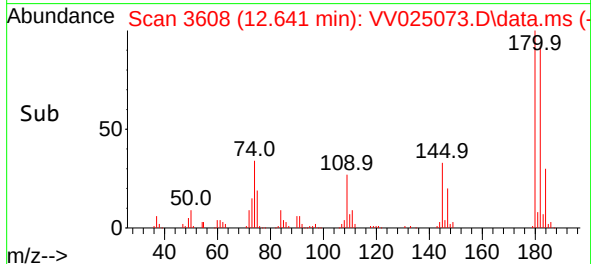
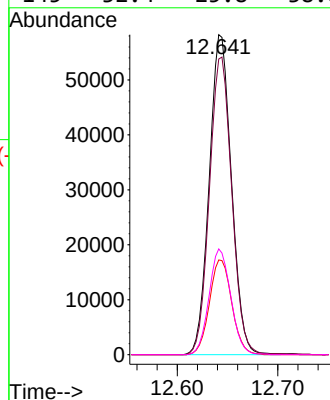
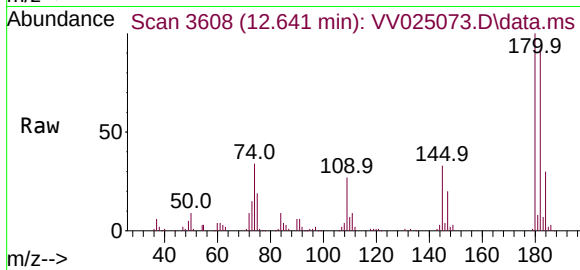




#69
 1,3,5-Trichlorobenzene
 Concen: 5.586 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV025073.D
 Acq: 17 Mar 2022 11:01

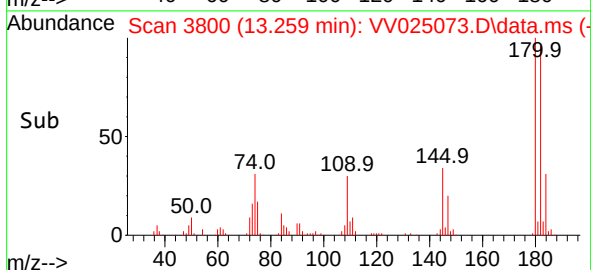
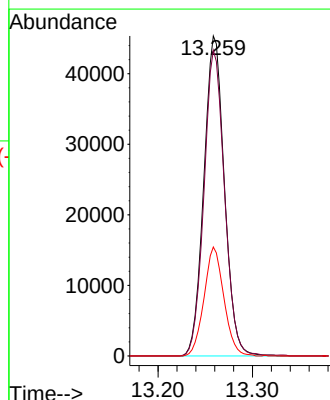
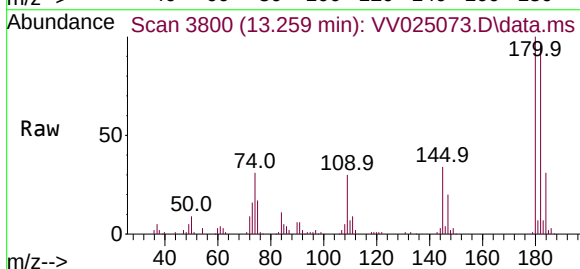
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005336

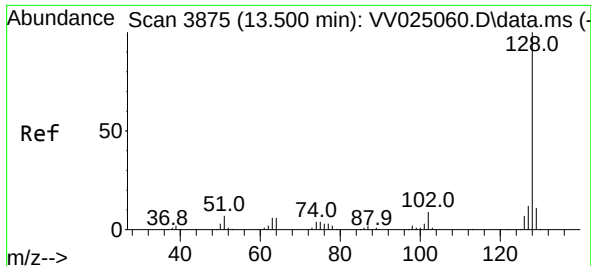
Tgt Ion:180	Resp:	89333
Ion	Ratio	Lower Upper
180	100	
182	93.4	75.4 113.0
184	29.8	24.2 36.4
145	32.4	25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.493 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025073.D
 Acq: 17 Mar 2022 11:01

Tgt Ion:180	Resp:	68452
Ion	Ratio	Lower Upper
180	100	
182	95.5	74.6 112.0
145	32.9	26.1 39.1

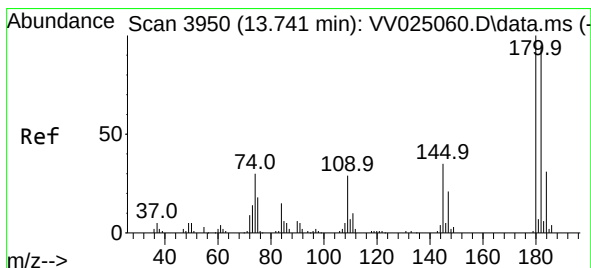
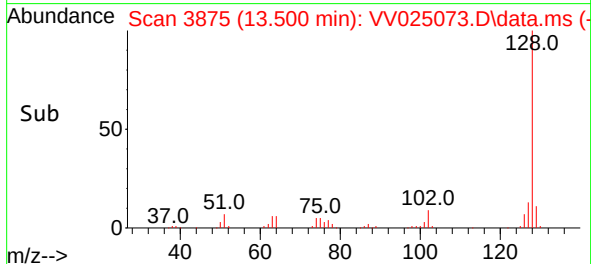
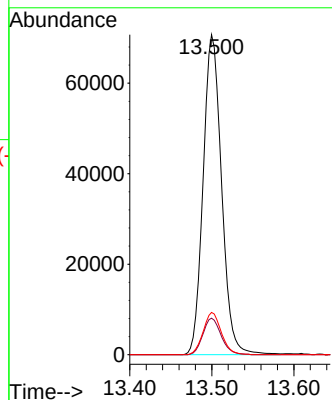
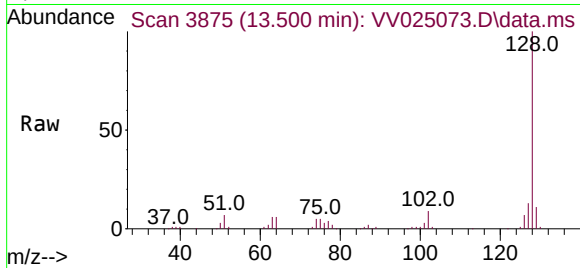




#71
Naphthalene
Concen: 5.341 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

Instrument :
MSVOA_V
ClientSampleId :
VSTD005336

Tgt Ion:128 Resp: 110507
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 13.0 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.558 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025073.D
Acq: 17 Mar 2022 11:01

Tgt Ion:180 Resp: 58690
Ion Ratio Lower Upper
180 100
182 96.2 74.8 112.2
145 35.2 27.6 41.4

