

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041422\
 Data File : VW025532.D
 Acq On : 14 Apr 2022 09:32
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005377

Quant Time: Apr 15 07:01:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 05:22:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	165274	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	165938	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	89058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	68736	4.473	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.571	69	61849	3.784	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.114	63	145639	4.731	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.600%
20) 2-Butanone-d5	3.896	46	83775	44.821	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.640%
24) Chloroform-d	4.349	84	106297	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.031	65	46463	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.047	84	207454	4.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.066	67	58782	4.390	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.310	98	196374	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.622	79	18619	4.137	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.085	63	65614	41.540	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.080%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36633	4.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	61775	4.137	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	68563	4.592	ug/L	98
3) Chloromethane	1.246	50	86537	5.334	ug/L	99
5) Vinyl chloride	1.317	62	92218	5.030	ug/L	99
6) Bromomethane	1.526	94	57433	4.345	ug/L	99
8) Chloroethane	1.590	64	63517	4.489	ug/L	100
9) Trichlorofluoromethane	1.757	101	132522	5.147	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	71413	4.937	ug/L	97
12) 1,1-Dichloroethene	2.124	96	70593	4.924	ug/L	82
13) Acetone	2.195	43	60463	47.660	ug/L	99
14) Carbon disulfide	2.298	76	161248	4.699	ug/L	98
15) Methyl Acetate	2.446	43	15074	5.346	ug/L	93
16) Methylene chloride	2.510	84	59629	4.290	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	103212	4.653	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	59545	4.957	ug/L	97
19) 1,1-Dichloroethane	3.192	63	105968	5.208	ug/L	97
21) 2-Butanone	3.982	43	88659	50.576	ug/L	90
22) cis-1,2-Dichloroethene	3.912	96	61269	4.845	ug/L	94
23) Bromochloromethane	4.253	128	26326	5.014	ug/L	99
25) Chloroform	4.375	83	112176	5.223	ug/L	95

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 Sample : VSTDCCC005
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 ALS Vial : 2 Sample Multiplier: 1

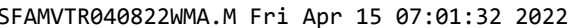
Instrument :
 MSVOA_V
 ClientSampleId :
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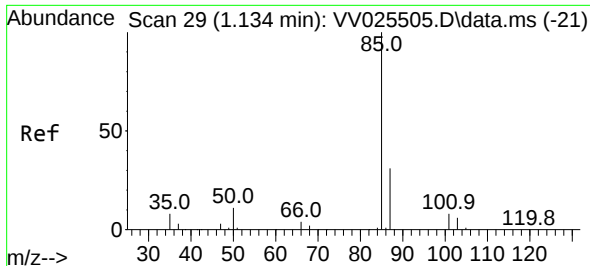
Quant Time: Apr 15 07:01:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 05:22:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	57884	5.108	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	98058	5.010	ug/L	99
30) Cyclohexane	4.677	56	77397	4.350	ug/L	99
31) Carbon tetrachloride	4.825	117	82152	4.963	ug/L	99
33) Benzene	5.098	78	243313	4.964	ug/L	100
34) Trichloroethene	5.912	95	64197	4.932	ug/L	98
35) Methylcyclohexane	6.127	83	88277	4.251	ug/L	97
37) 1,2-Dichloropropane	6.169	63	57663	5.085	ug/L	100
38) Bromodichloromethane	6.506	83	72743	5.167	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	74352	5.003	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	234341	51.611	ug/L	97
42) Toluene	7.384	91	265963	4.988	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	57540	4.984	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	36454	4.800	ug/L	96
47) Tetrachloroethene	7.973	164	46261	4.540	ug/L	97
48) 2-Hexanone	8.137	43	165526	52.311	ug/L	98
49) Dibromochloromethane	8.243	129	42154	5.057	ug/L	99
50) 1,2-Dibromoethane	8.352	107	33499	4.696	ug/L	96
51) Chlorobenzene	8.879	112	164185	4.822	ug/L	98
52) Ethylbenzene	9.008	91	266821	4.692	ug/L	98
53) m,p-Xylene	9.137	106	107316	4.963	ug/L	96
54) o-Xylene	9.542	106	101974	4.856	ug/L	97
55) Styrene	9.558	104	172222	5.043	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.236	83	37026	4.880	ug/L	98
59) Bromoform	9.728	173	17537	4.770	ug/L	100
60) Isopropylbenzene	9.928	105	268946	4.879	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	29371	5.007	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	114431	4.655	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	210151	4.745	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	122028	4.742	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	120949	4.630	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	109171	4.791	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	5025	4.955	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	87035	4.446	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	63372	4.199	ug/L	99
71) Naphthalene	13.500	128	89151	4.027	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	54859	4.390	ug/L	95

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

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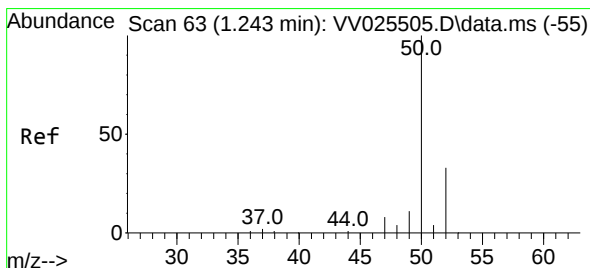
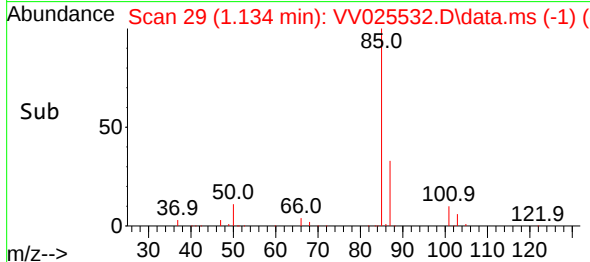
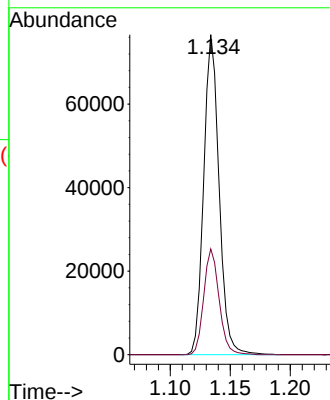
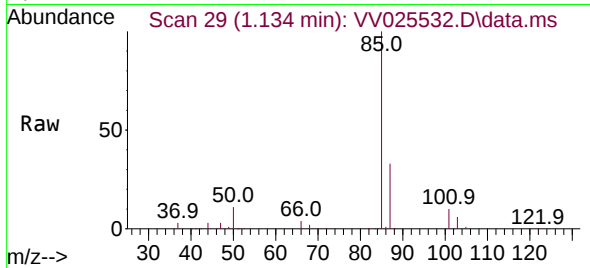




#2
 Dichlorodifluoromethane
 Concen: 4.592 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VV025532.D
 Acq: 14 Apr 2022 09:32

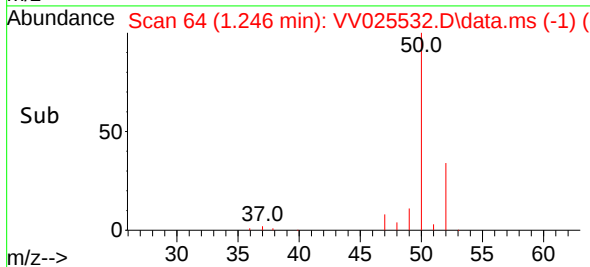
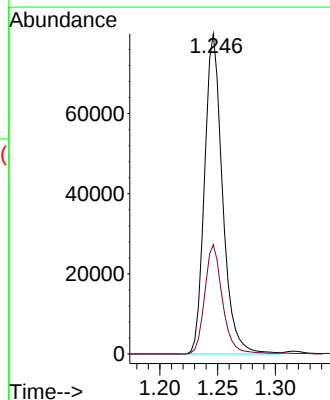
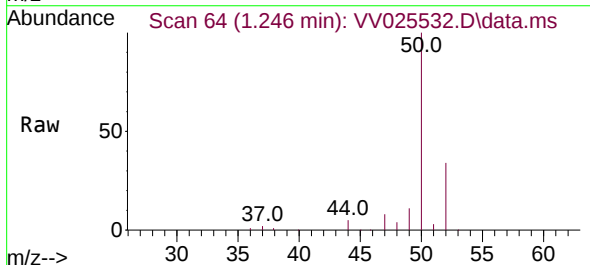
Instrument :
 MSVOA_V
 ClientSampleId :
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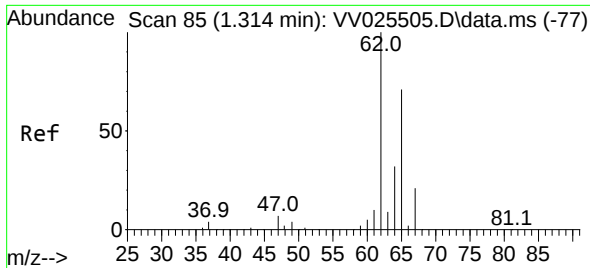
Tgt Ion: 85 Resp: 68563
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.6 38.4



#3
 Chloromethane
 Concen: 5.334 ug/L
 RT: 1.246 min Scan# 64
 Delta R.T. 0.003 min
 Lab File: VV025532.D
 Acq: 14 Apr 2022 09:32

Tgt Ion: 50 Resp: 86537
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.7 43.9

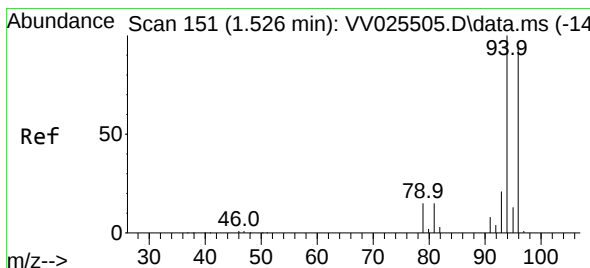
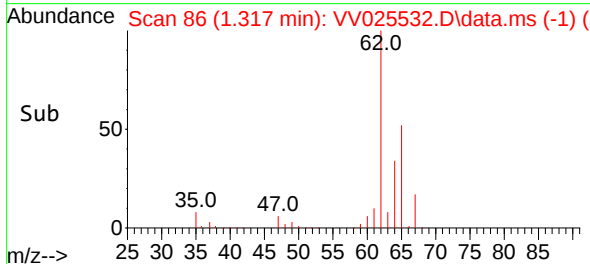
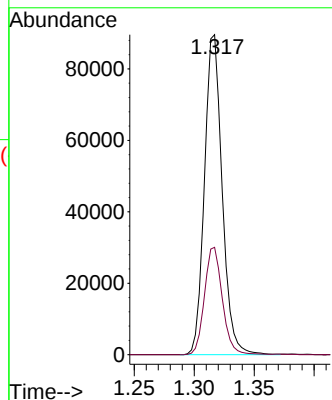
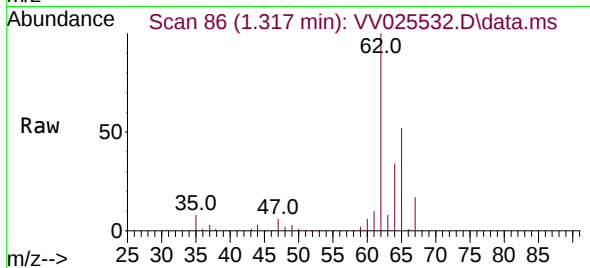




#5
 Vinyl chloride
 Concen: 5.030 ug/L
 RT: 1.317 min Scan# 86
 Delta R.T. 0.003 min
 Lab File: VV025532.D
 Acq: 14 Apr 2022 09:32

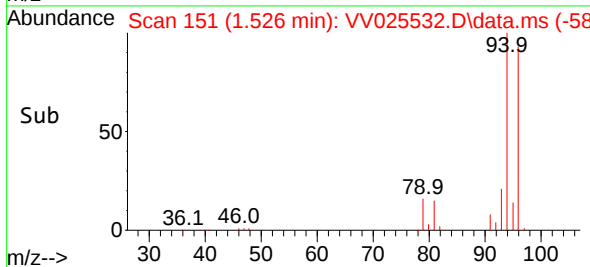
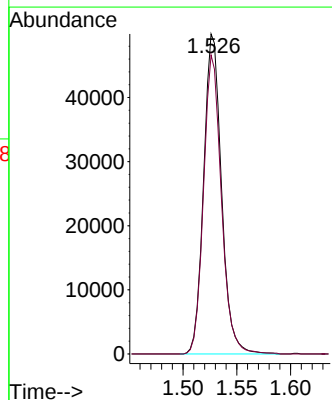
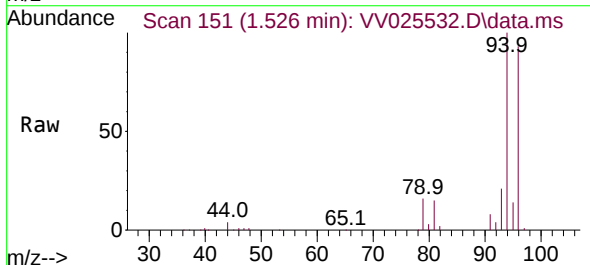
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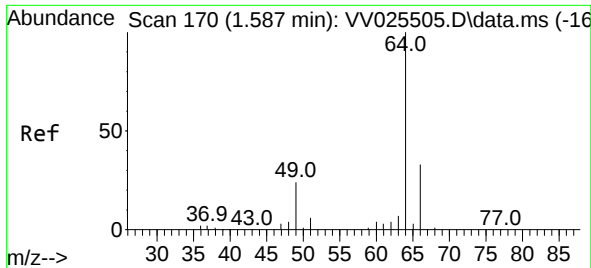
Tgt Ion: 62 Resp: 92218
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.2 43.2



#6
 Bromomethane
 Concen: 4.345 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV025532.D
 Acq: 14 Apr 2022 09:32

Tgt Ion: 94 Resp: 57433
 Ion Ratio Lower Upper
 94 100
 96 93.4 66.1 122.7

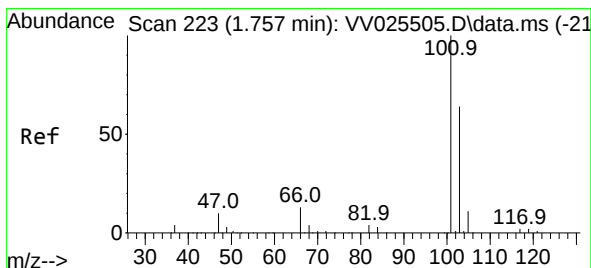
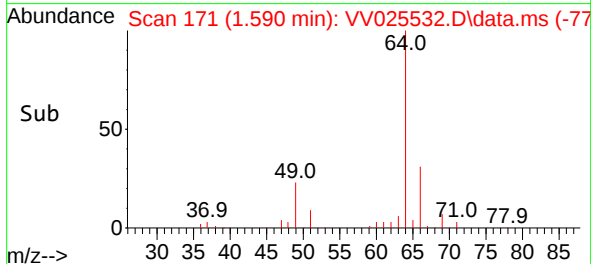
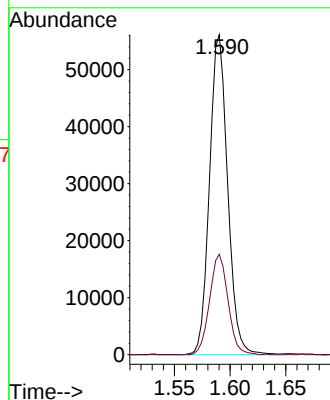
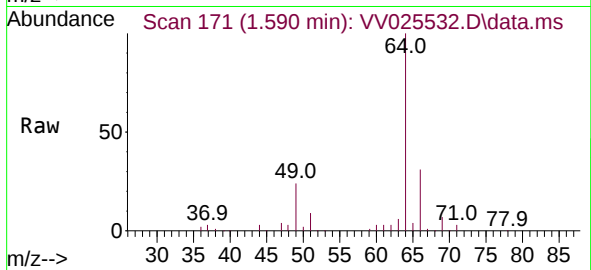




#8
Chloroethane
Concen: 4.489 ug/L
RT: 1.590 min Scan# 171
Delta R.T. 0.003 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

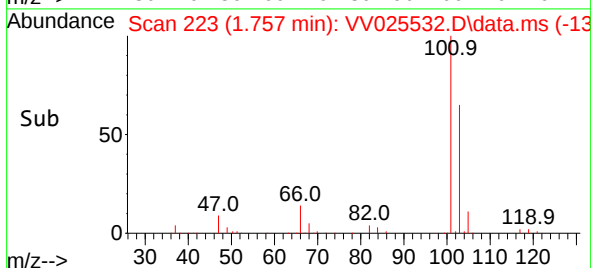
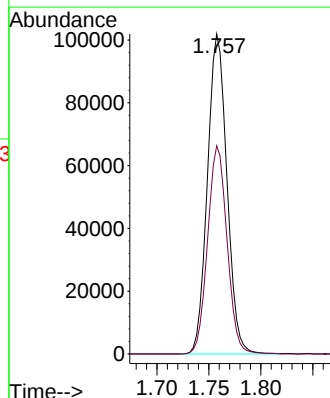
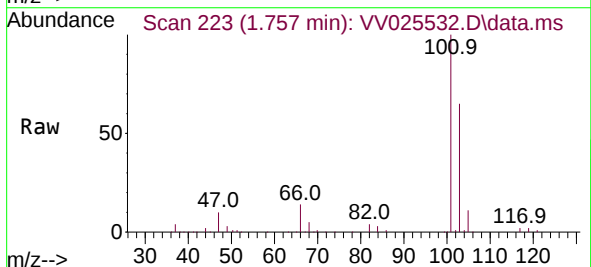
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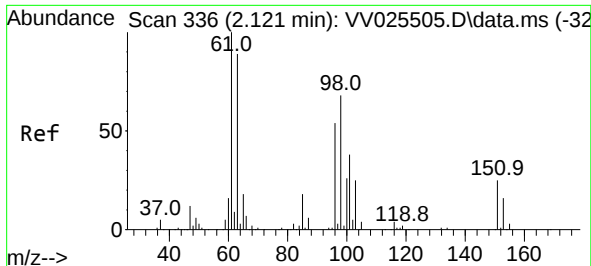
Tgt Ion: 64 Resp: 63517
Ion Ratio Lower Upper
64 100
66 31.3 21.8 40.6



#9
Trichlorofluoromethane
Concen: 5.147 ug/L
RT: 1.757 min Scan# 223
Delta R.T. -0.000 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

Tgt Ion:101 Resp: 132522
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9

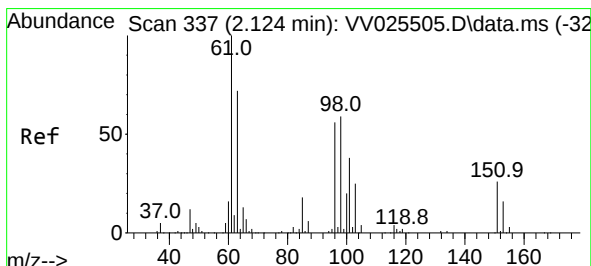
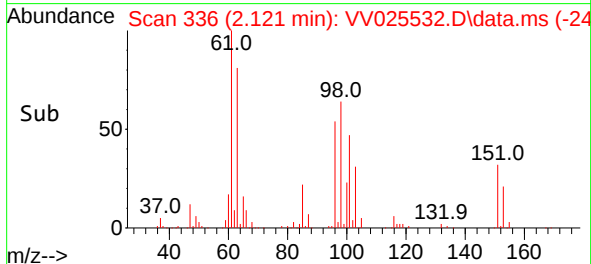
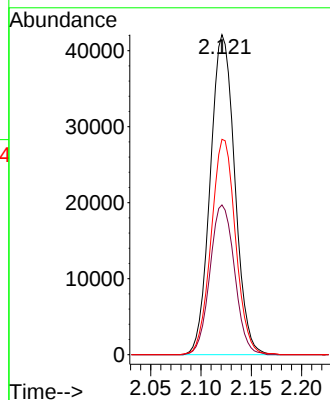
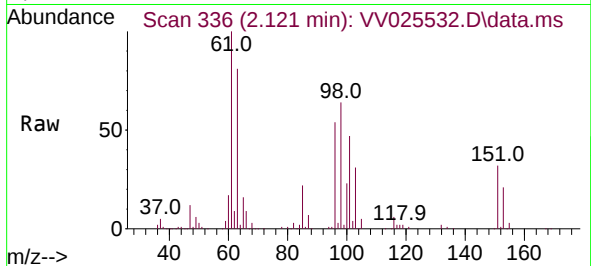




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.937 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025532.D
 Acq: 14 Apr 2022 09:32

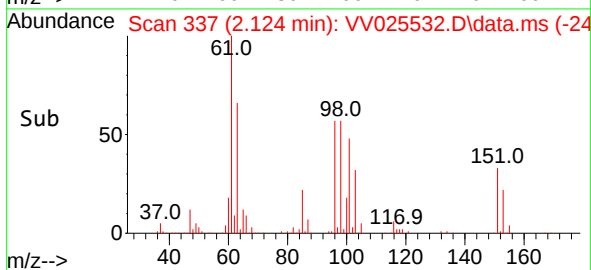
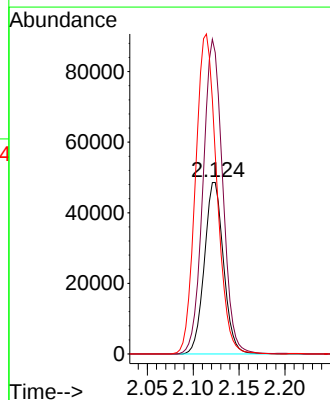
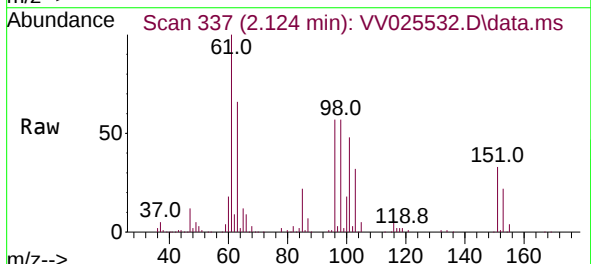
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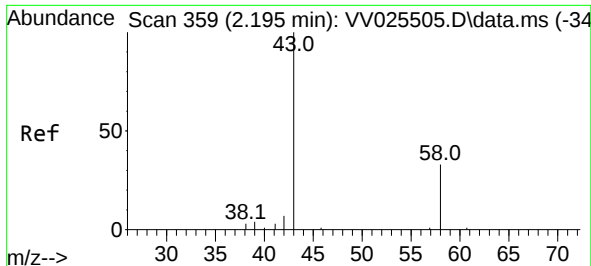
Tgt Ion:101 Resp: 71413
 Ion Ratio Lower Upper
 101 100
 85 46.9 35.9 53.9
 151 67.1 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.924 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. -0.000 min
 Lab File: VV025532.D
 Acq: 14 Apr 2022 09:32

Tgt Ion: 96 Resp: 70593
 Ion Ratio Lower Upper
 96 100
 61 175.6 125.2 232.4
 63 116.5 114.4 212.4





#13

Acetone

Concen: 47.660 ug/L

RT: 2.195 min Scan# 359

Delta R.T. -0.000 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

Instrument :

MSVOA_V

ClientSampleId :

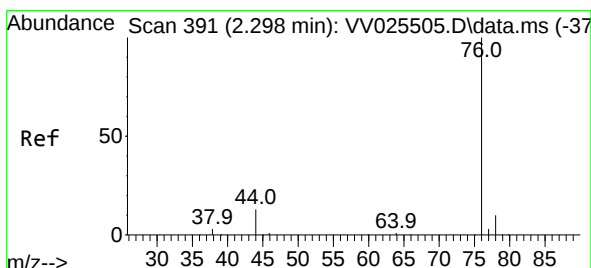
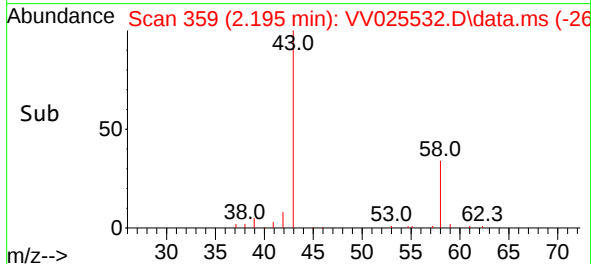
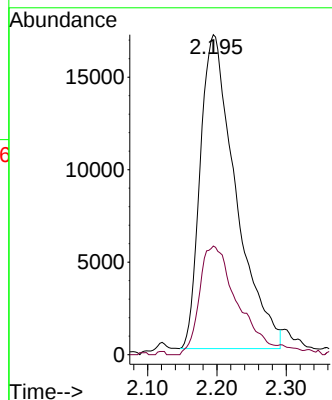
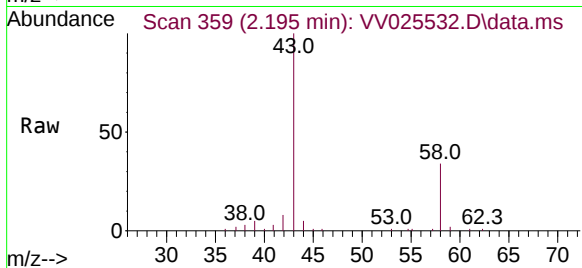
VSTD005377

Tgt Ion: 43 Resp: 60463

Ion Ratio Lower Upper

43 100

58 36.6 0.0 72.2



#14

Carbon disulfide

Concen: 4.699 ug/L

RT: 2.298 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV025532.D

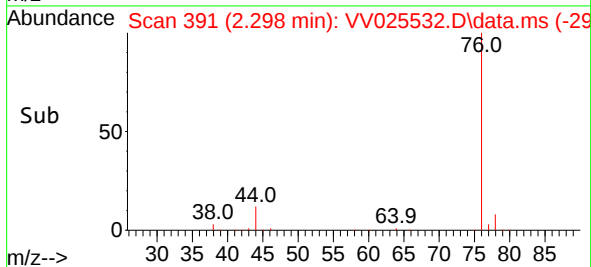
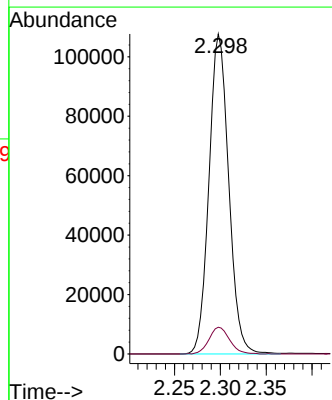
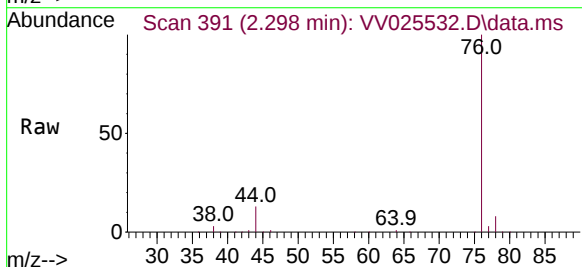
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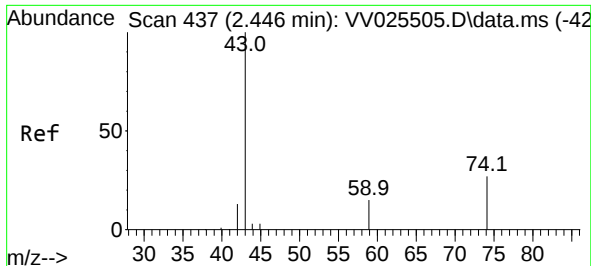
Tgt Ion: 76 Resp: 161248

Ion Ratio Lower Upper

76 100

78 8.4 7.3 10.9

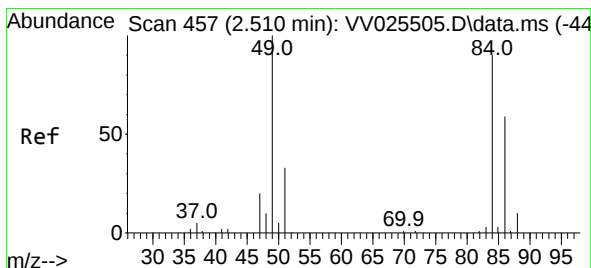
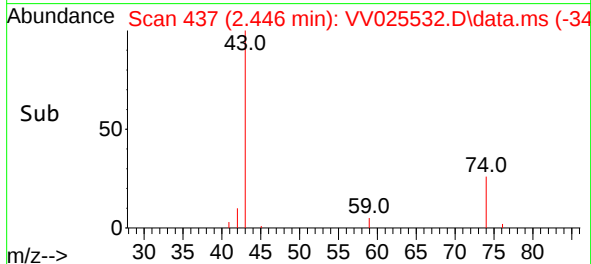
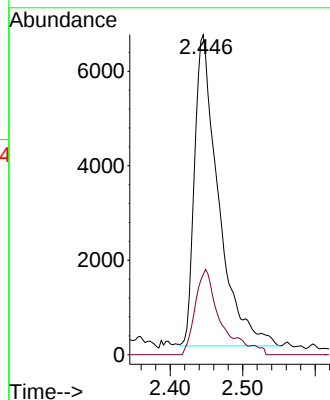
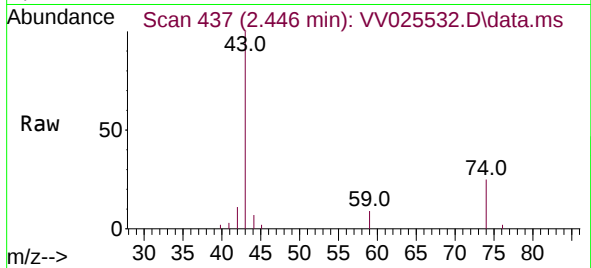




#15
Methyl Acetate
Concen: 5.346 ug/L
RT: 2.446 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

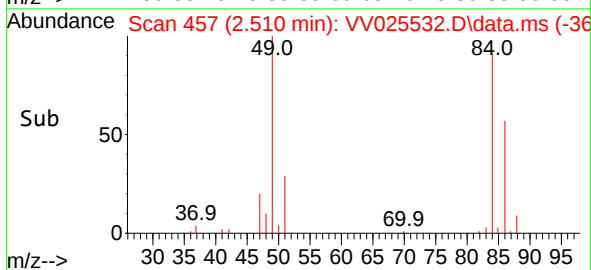
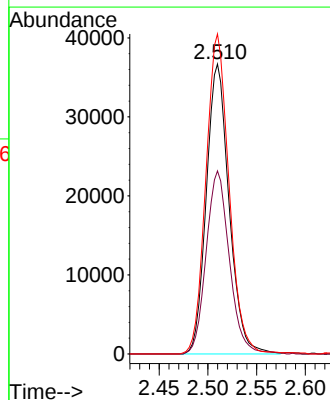
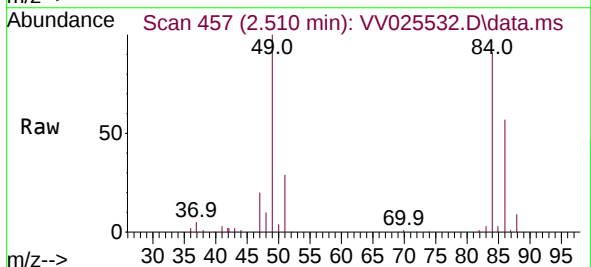
Instrument :
MSVOA_V
ClientSampleId :
VSTD005377

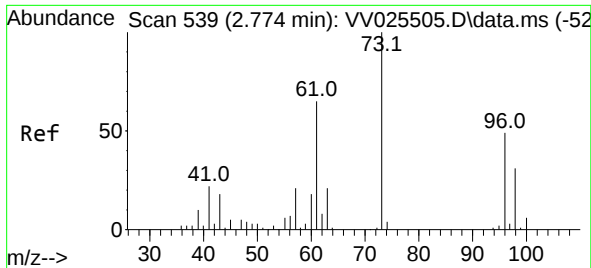
Tgt Ion: 43 Resp: 15074
Ion Ratio Lower Upper
43 100
74 27.8 25.2 37.8



#16
Methylene chloride
Concen: 4.290 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

Tgt Ion: 84 Resp: 59629
Ion Ratio Lower Upper
84 100
86 63.1 45.9 85.3
49 110.4 76.6 142.3

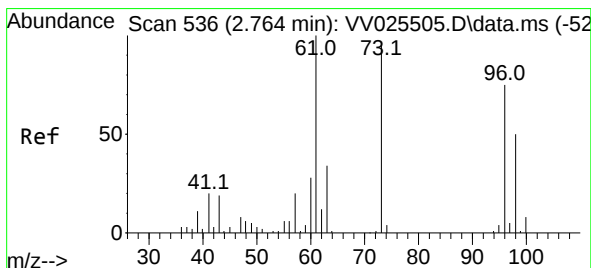
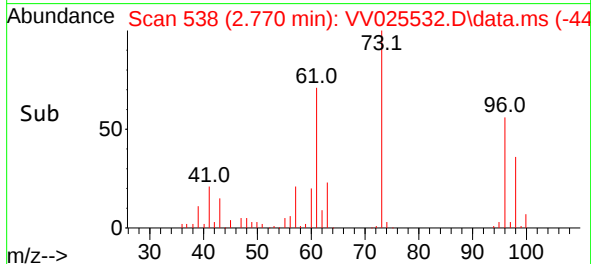
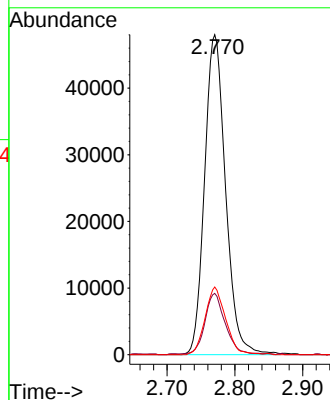
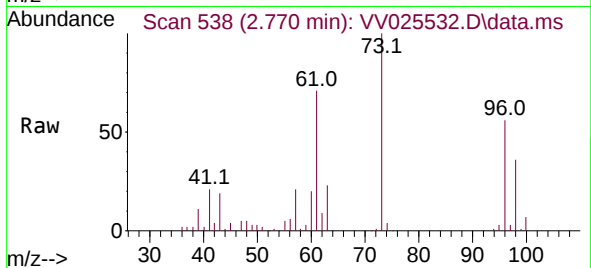




#17
Methyl tert-butyl Ether
Concen: 4.653 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

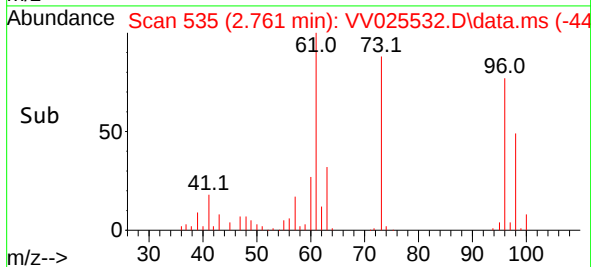
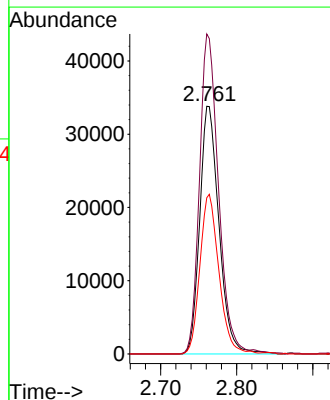
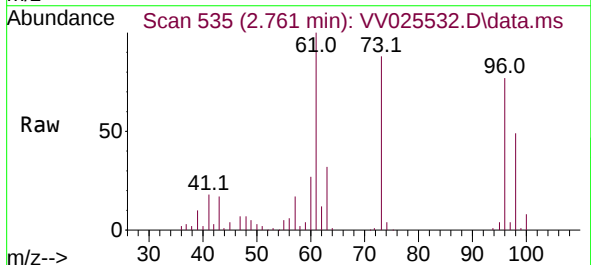
Instrument :
MSVOA_V
ClientSampleId :
VSTD005377

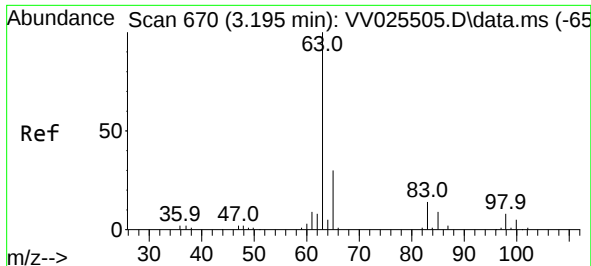
Tgt Ion: 73 Resp: 103212
Ion Ratio Lower Upper
73 100
43 17.9 14.2 21.4
57 20.7 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 4.957 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

Tgt Ion: 96 Resp: 59545
Ion Ratio Lower Upper
96 100
61 129.2 92.1 171.1
98 63.0 47.5 88.1

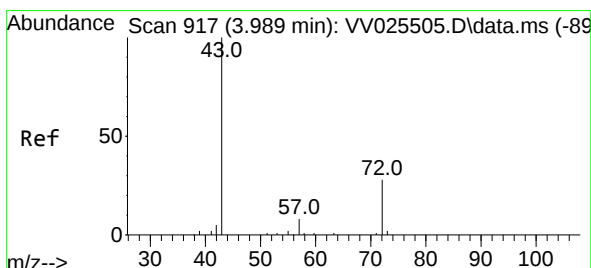
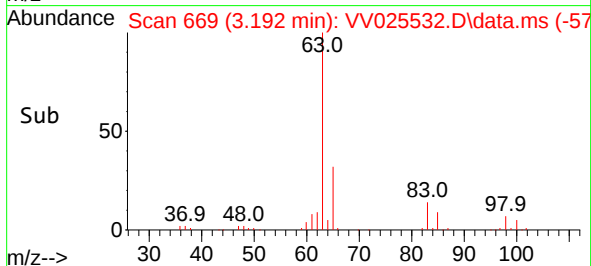
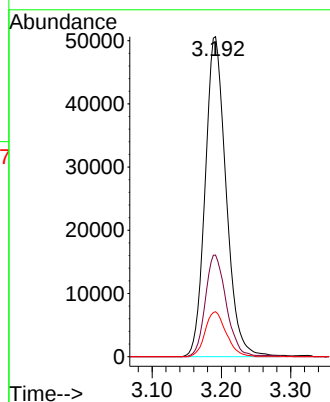
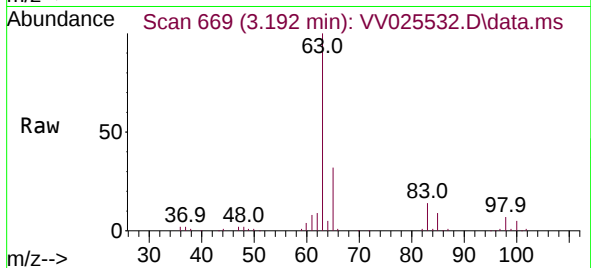




#19
1,1-Dichloroethane
Concen: 5.208 ug/L
RT: 3.192 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

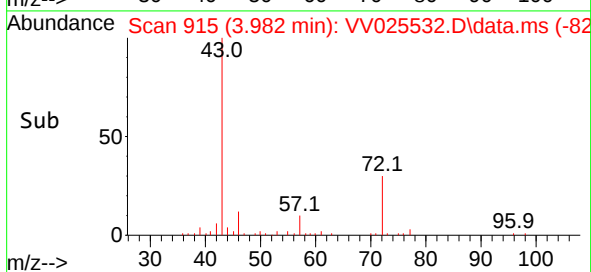
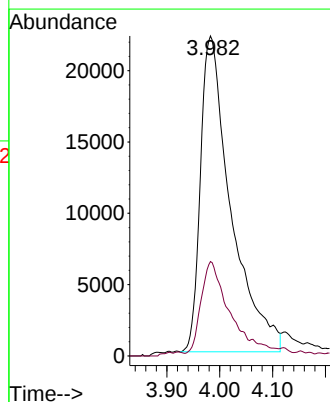
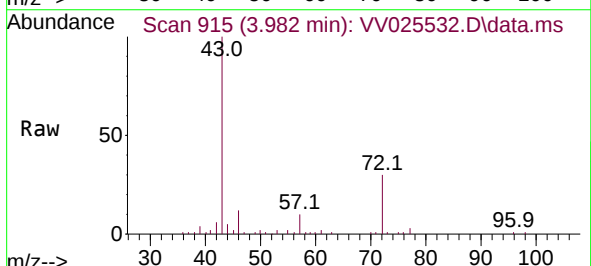
Instrument :
MSVOA_V
ClientSampleId :
VSTD005377

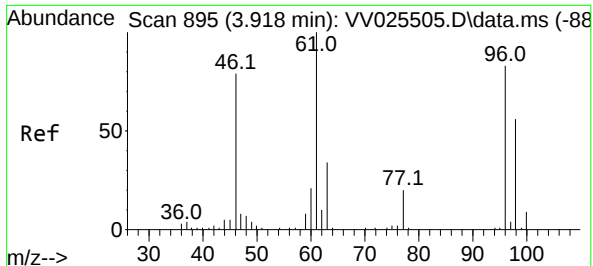
Tgt Ion: 63 Resp: 105968
Ion Ratio Lower Upper
63 100
65 31.8 23.2 43.0
83 14.0 9.0 16.8



#21
2-Butanone
Concen: 50.576 ug/L
RT: 3.982 min Scan# 915
Delta R.T. -0.006 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

Tgt Ion: 43 Resp: 88659
Ion Ratio Lower Upper
43 100
72 25.0 15.2 45.6





#22

cis-1,2-Dichloroethene

Concen: 4.845 ug/L

RT: 3.912 min Scan# 895

Delta R.T. -0.006 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD005377

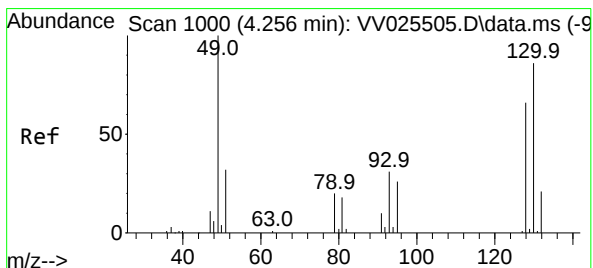
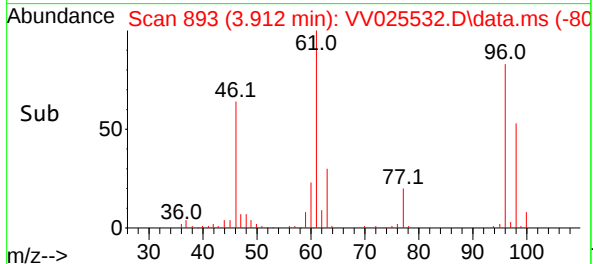
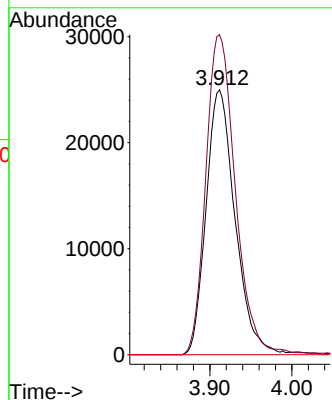
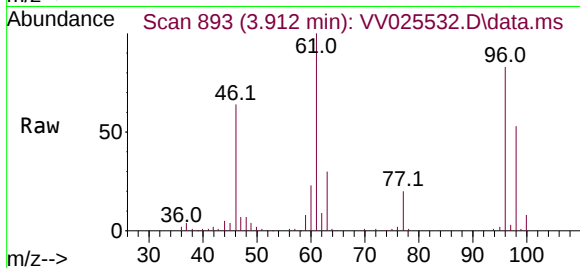
Tgt Ion: 96 Resp: 61269

Ion Ratio Lower Upper

96 100

61 120.8 80.0 148.6

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.014 ug/L

RT: 4.253 min Scan# 999

Delta R.T. -0.003 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

Tgt Ion: 128 Resp: 26326

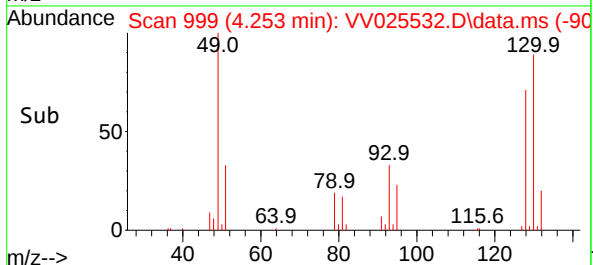
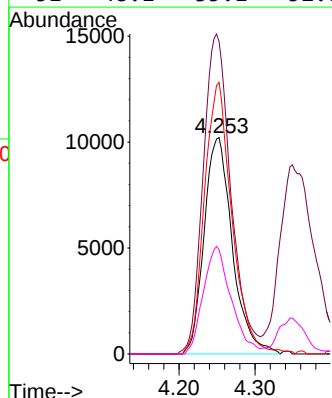
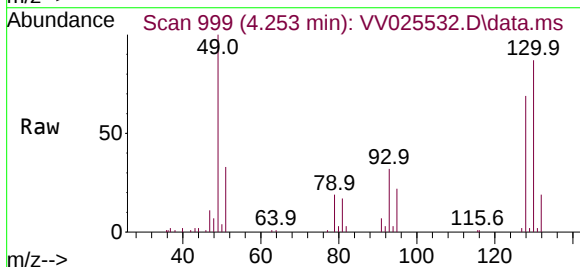
Ion Ratio Lower Upper

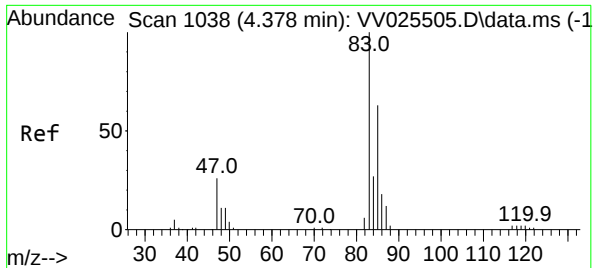
128 100

49 144.4 100.5 186.7

130 125.4 87.8 163.0

51 48.1 35.1 52.7

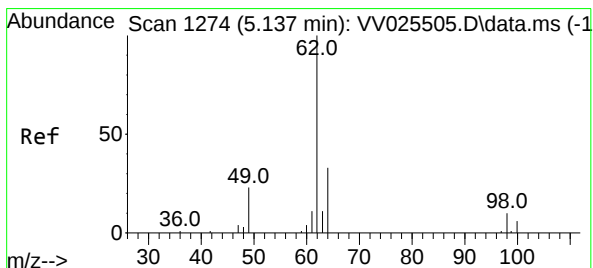
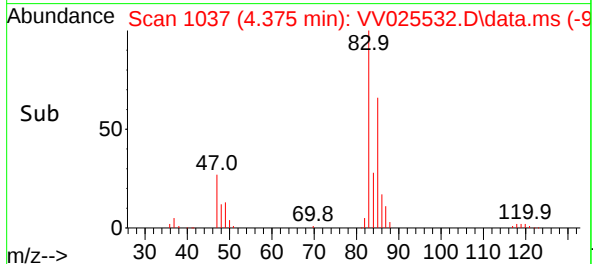
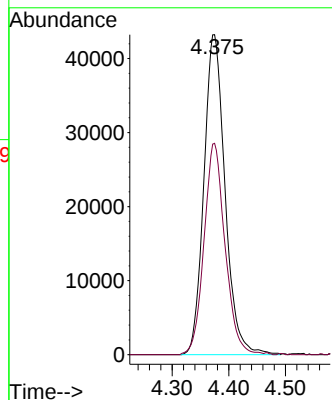
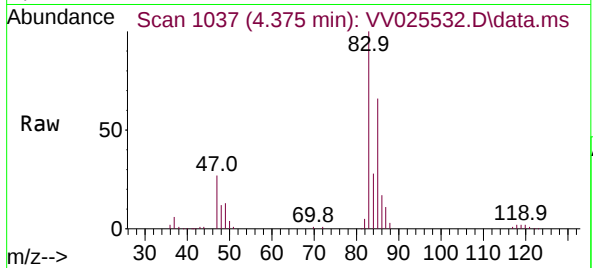




#25
Chloroform
Concen: 5.223 ug/L
RT: 4.375 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

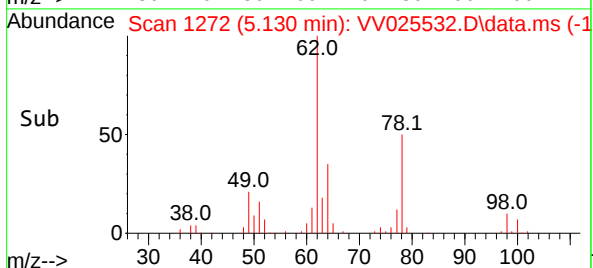
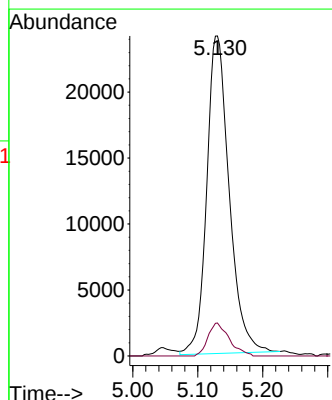
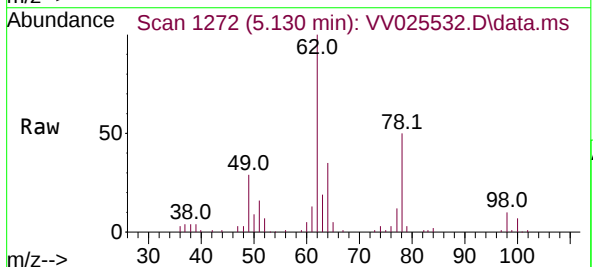
Instrument :
MSVOA_V
ClientSampleId :
VSTD005377

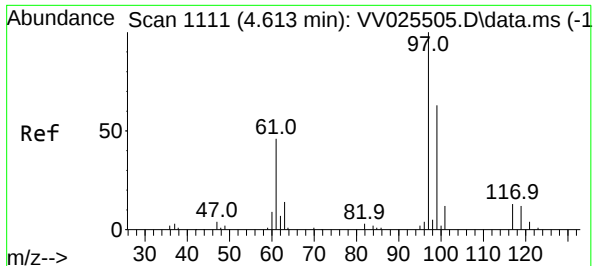
Tgt Ion: 83 Resp: 112176
Ion Ratio Lower Upper
83 100
85 66.1 43.5 80.7



#27
1,2-Dichloroethane
Concen: 5.108 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.006 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

Tgt Ion: 62 Resp: 57884
Ion Ratio Lower Upper
62 100
98 10.3 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 5.010 ug/L

RT: 4.603 min Scan# 1111

Delta R.T. -0.010 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD005377

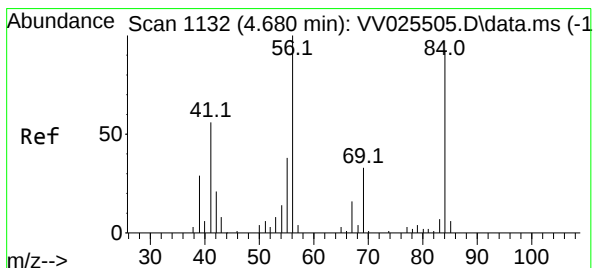
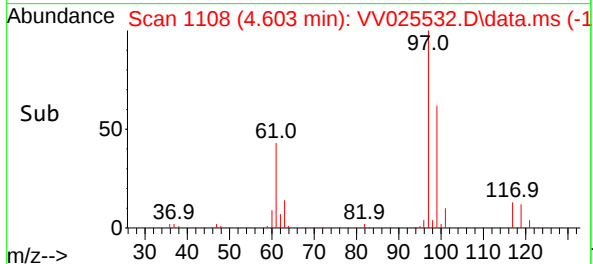
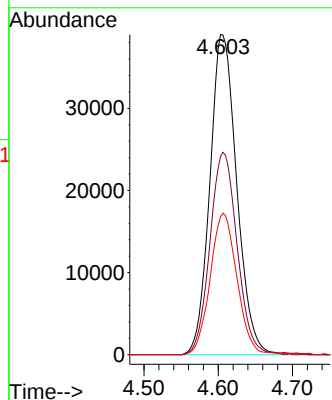
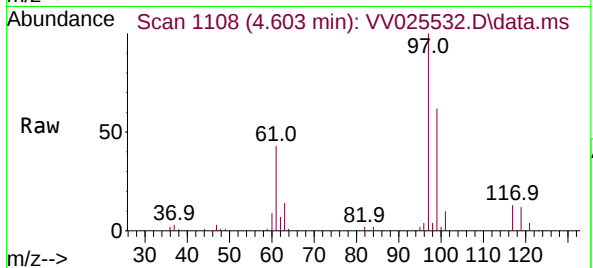
Tgt Ion: 97 Resp: 98058

Ion Ratio Lower Upper

97 100

99 64.0 51.5 77.3

61 44.1 34.3 51.5



#30

Cyclohexane

Concen: 4.350 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

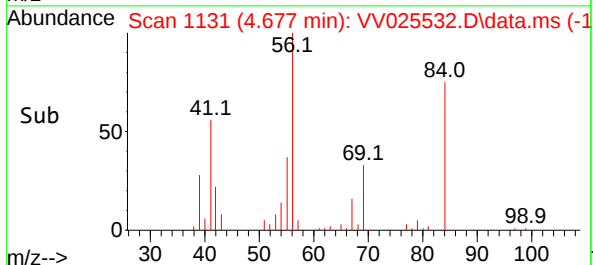
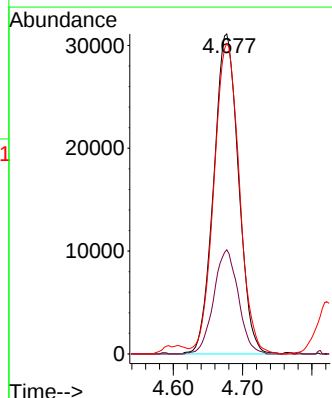
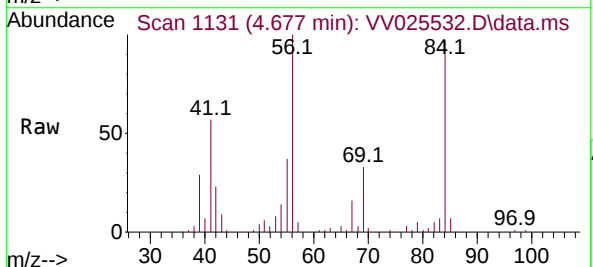
Tgt Ion: 56 Resp: 77397

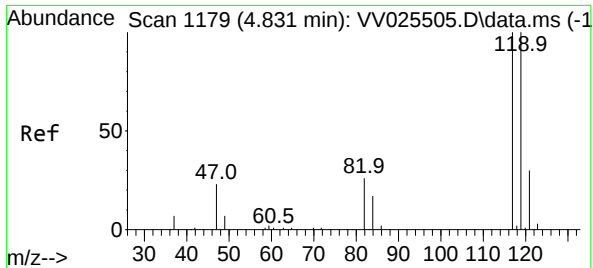
Ion Ratio Lower Upper

56 100

69 32.3 26.1 39.1

84 99.4 78.6 118.0

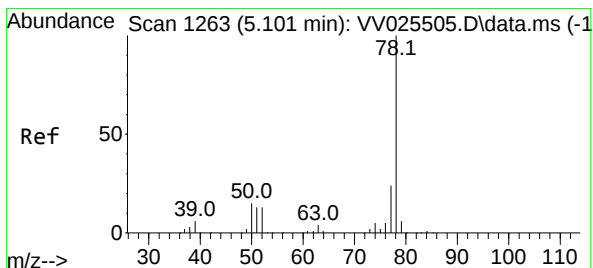
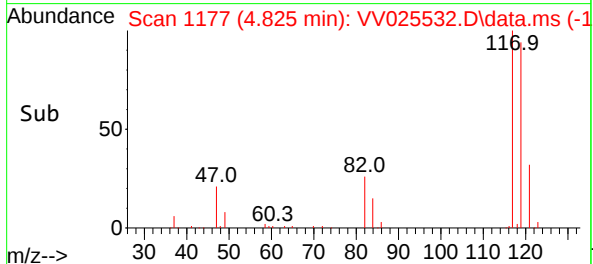
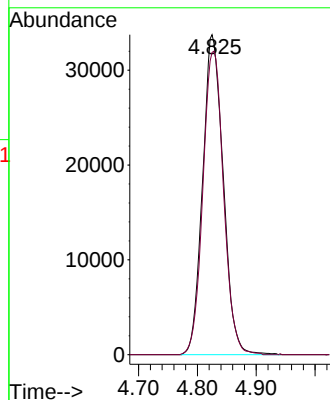
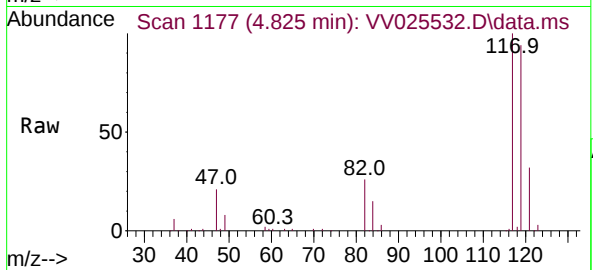




#31
Carbon tetrachloride
Concen: 4.963 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.006 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

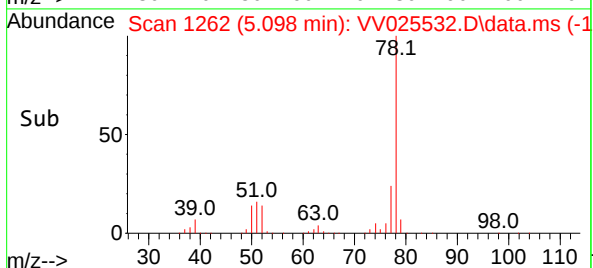
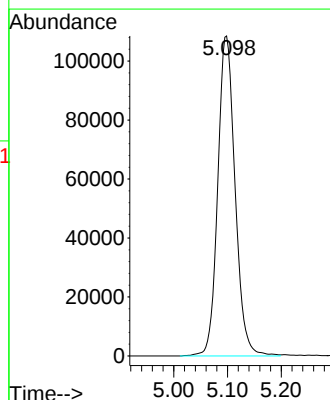
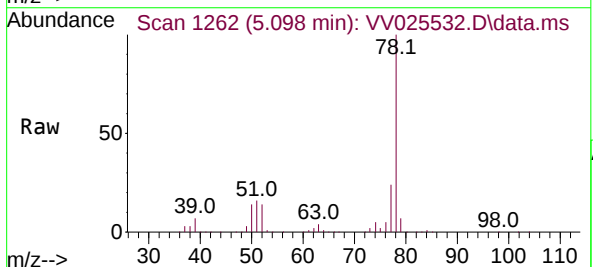
Instrument :
MSVOA_V
ClientSampleId :
VSTD005377

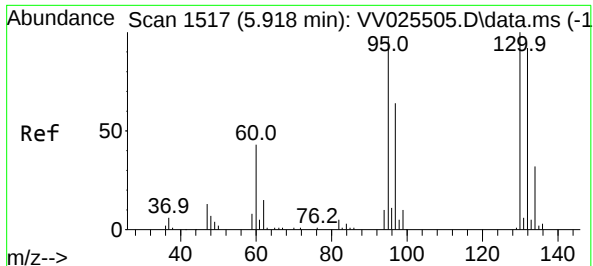
Tgt Ion:117 Resp: 82152
Ion Ratio Lower Upper
117 100
119 95.2 76.6 114.8



#33
Benzene
Concen: 4.964 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

Tgt Ion: 78 Resp: 243313

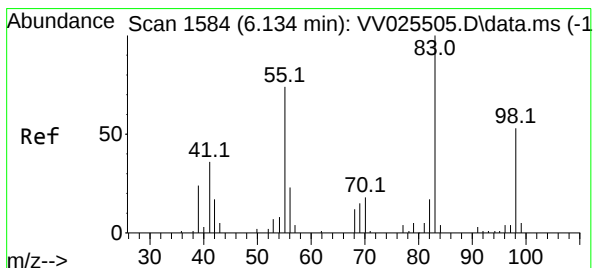
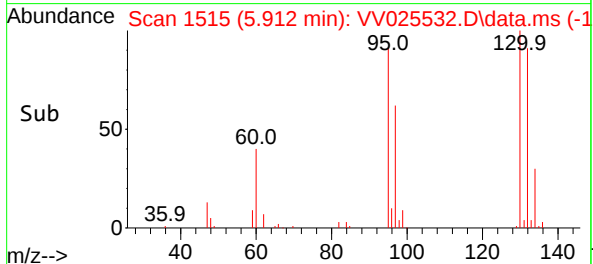
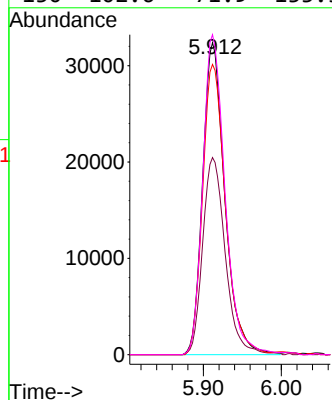
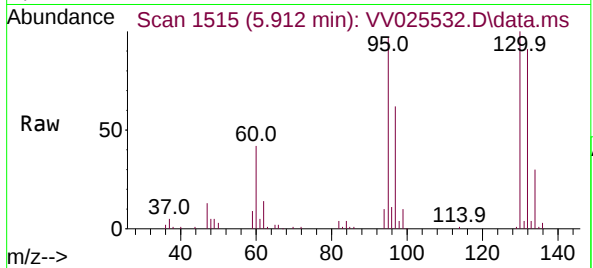




#34
Trichloroethene
Concen: 4.932 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

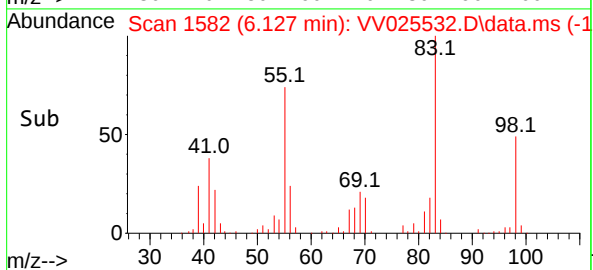
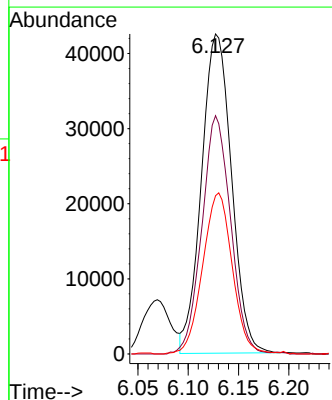
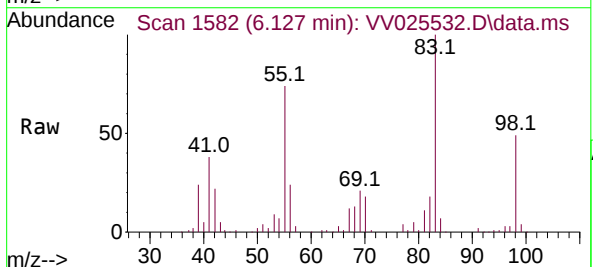
Instrument :
MSVOA_V
ClientSampleId :
VSTD005377

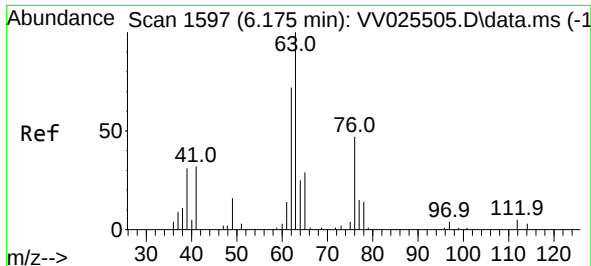
Tgt Ion: 95 Resp: 64197
Ion Ratio Lower Upper
95 100
97 63.2 45.8 85.2
132 93.0 68.0 126.4
130 102.6 71.9 133.5



#35
Methylcyclohexane
Concen: 4.251 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.006 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

Tgt Ion: 83 Resp: 88277
Ion Ratio Lower Upper
83 100
55 71.5 53.7 80.5
98 49.7 39.6 59.4





#37

1,2-Dichloropropane

Concen: 5.085 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

Instrument :

MSVOA_V

ClientSampleId :

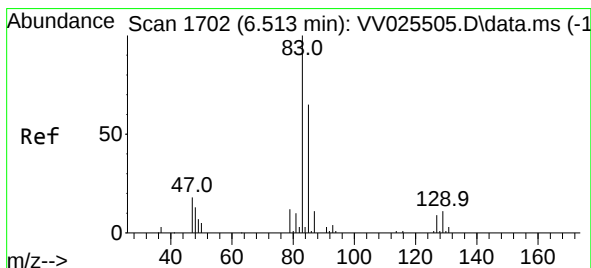
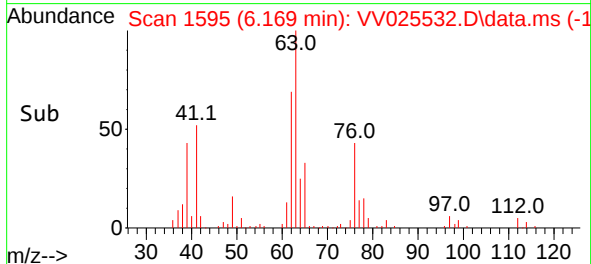
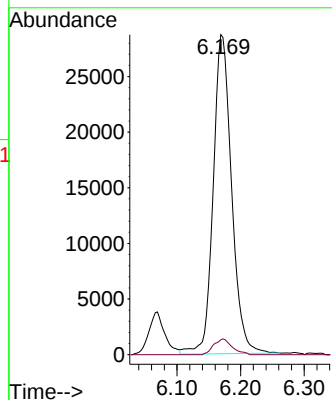
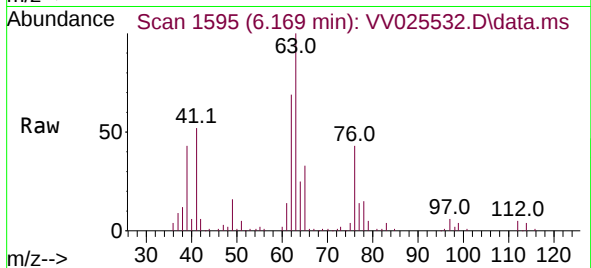
VSTD005377

Tgt Ion: 63 Resp: 57663

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 5.167 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

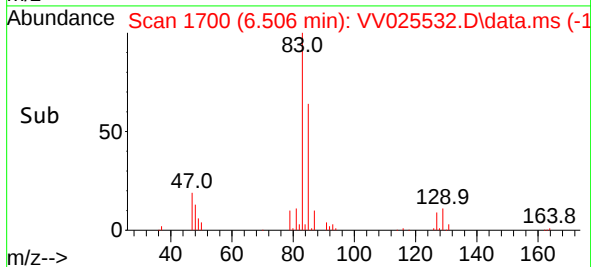
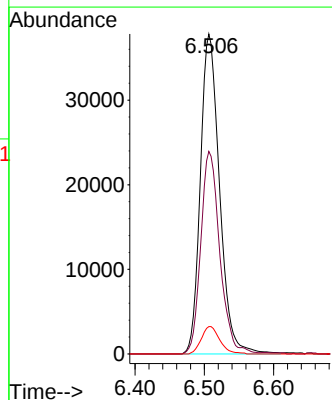
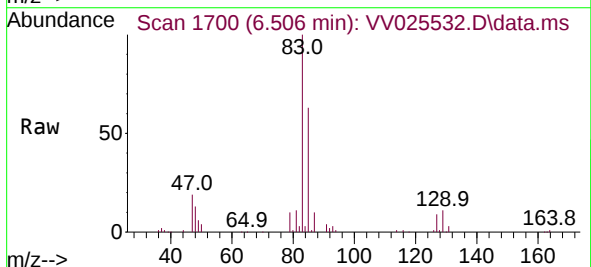
Tgt Ion: 83 Resp: 72743

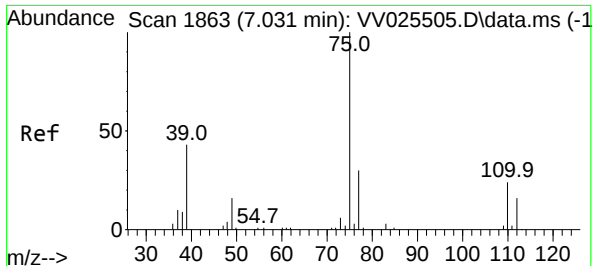
Ion Ratio Lower Upper

83 100

85 63.3 44.4 82.4

127 8.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.003 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.006 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

Instrument :

MSVOA_V

ClientSampleId :

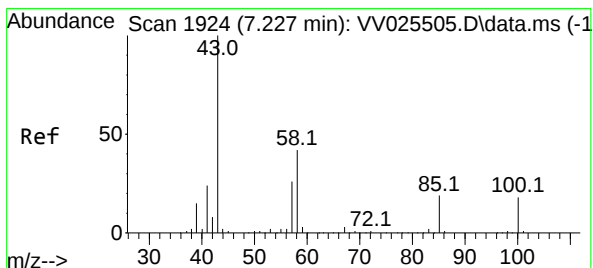
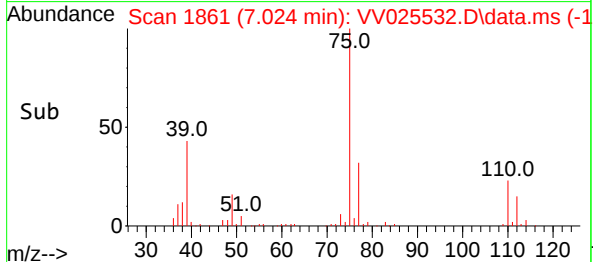
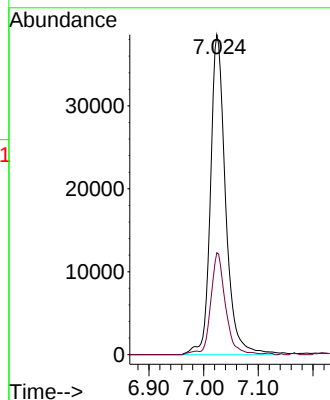
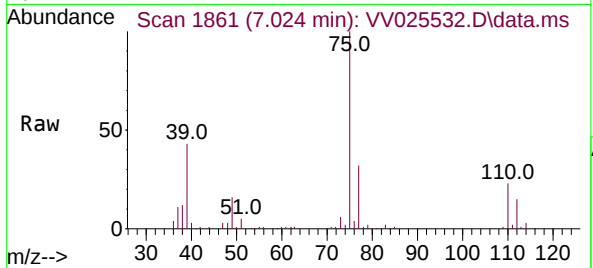
VSTD005377

Tgt Ion: 75 Resp: 74352

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 51.611 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

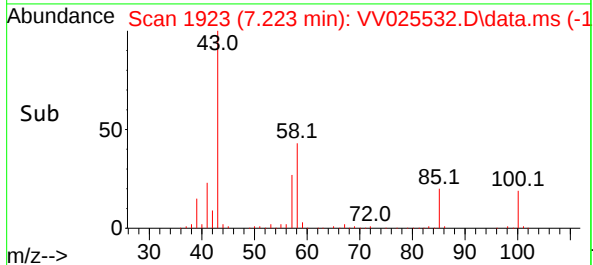
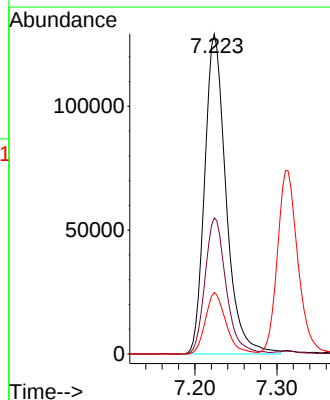
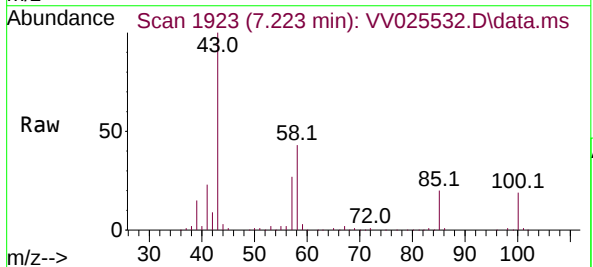
Tgt Ion: 43 Resp: 234341

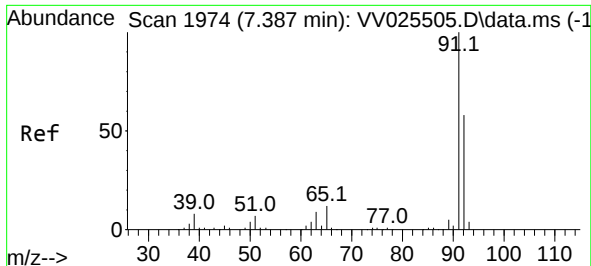
Ion Ratio Lower Upper

43 100

58 42.0 35.1 52.7

100 18.4 15.3 22.9





#42

Toluene

Concen: 4.988 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

Instrument :

MSVOA_V

ClientSampleId :

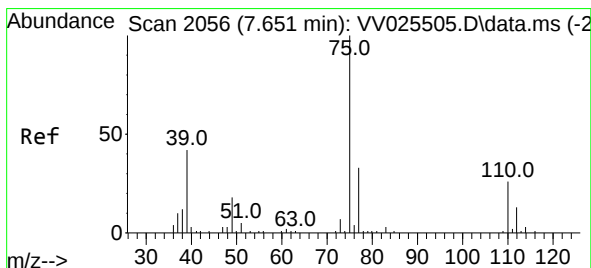
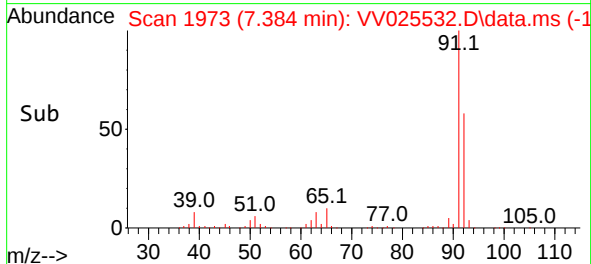
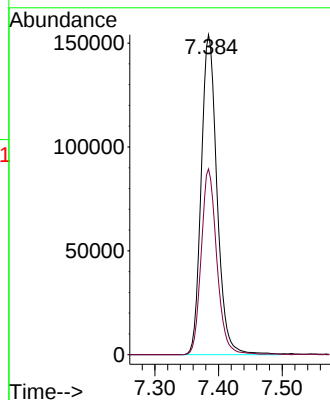
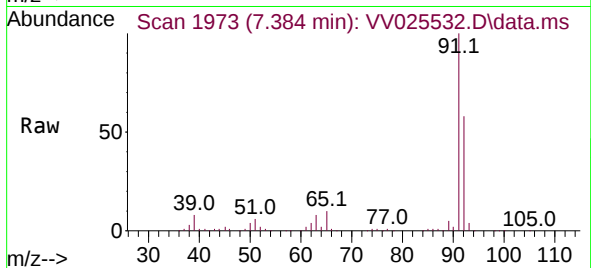
VSTD005377

Tgt Ion: 91 Resp: 265963

Ion Ratio Lower Upper

91 100

92 58.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.984 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV025532.D

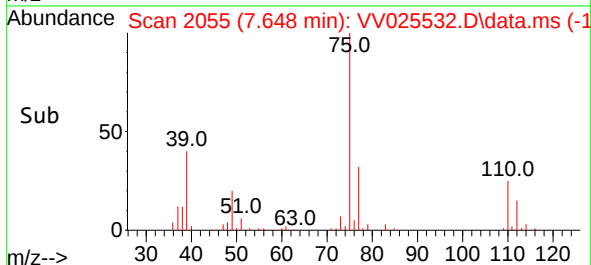
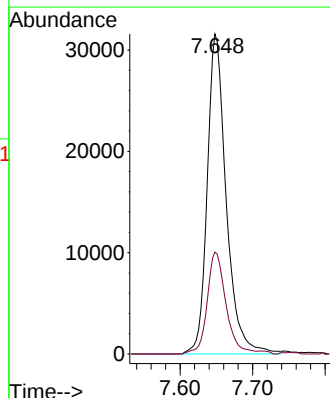
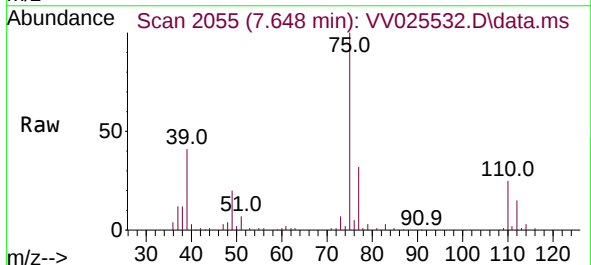
Acq: 14 Apr 2022 09:32

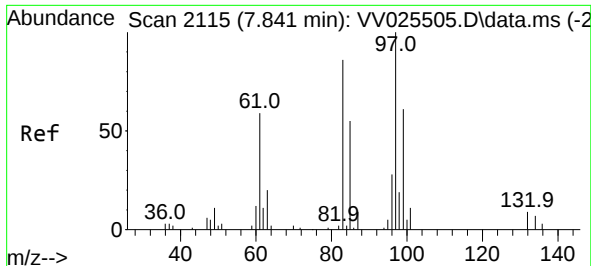
Tgt Ion: 75 Resp: 57540

Ion Ratio Lower Upper

75 100

77 31.8 21.7 40.3

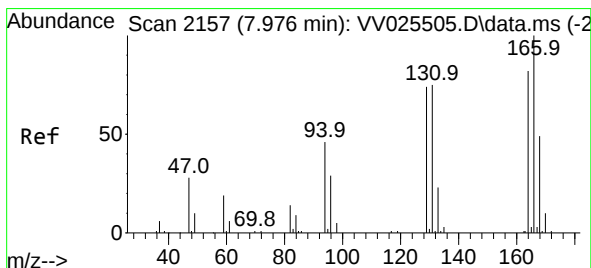
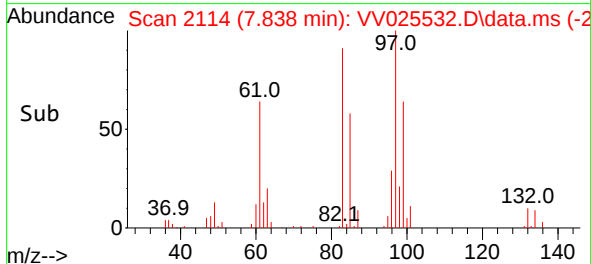
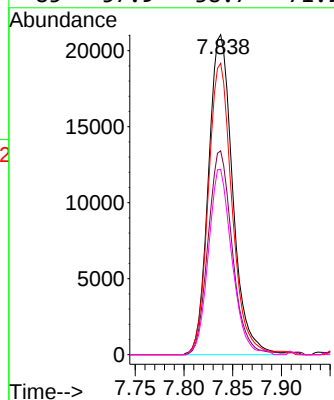
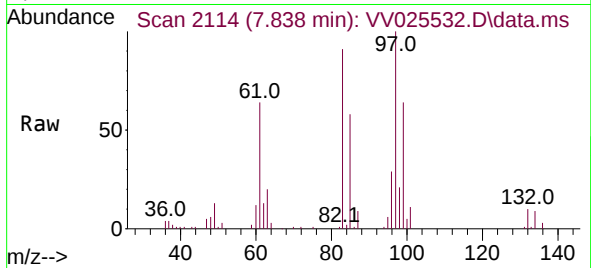




#45
1,1,2-Trichloroethane
Concen: 4.800 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

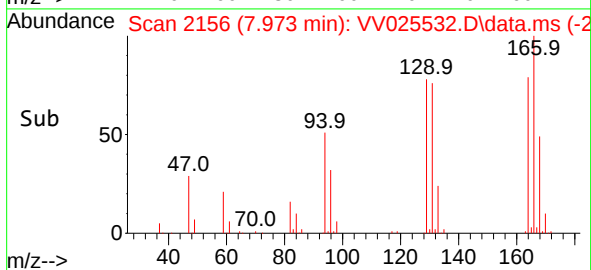
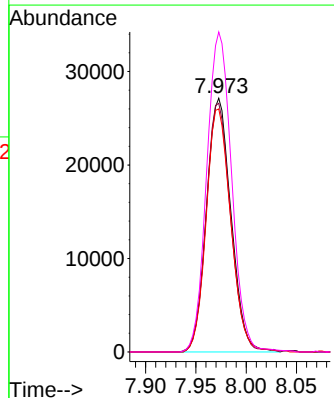
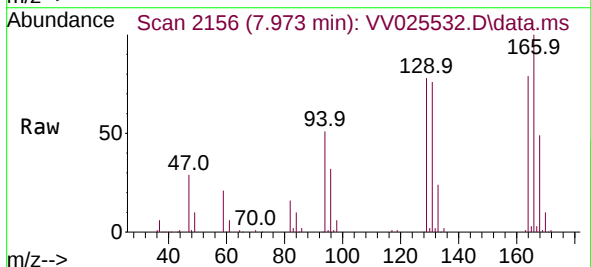
Instrument : MSVOA_V
ClientSampleId : VSTD005377

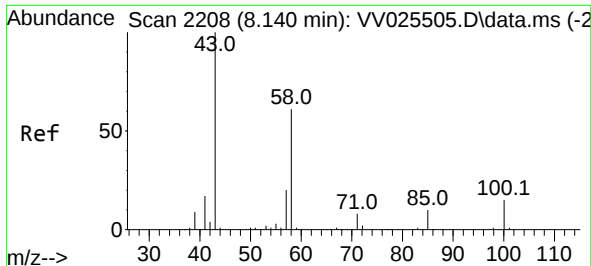
Tgt Ion:	97	Resp:	36454
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.8	81.4
83	91.1	60.3	112.1
85	57.9	38.7	71.9



#47
Tetrachloroethene
Concen: 4.540 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

Tgt Ion:	164	Resp:	46261
Ion	Ratio	Lower	Upper
164	100		
129	98.0	66.8	124.2
131	95.8	66.4	123.4
166	126.1	91.7	170.3



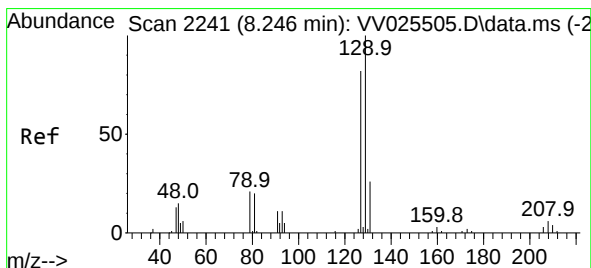
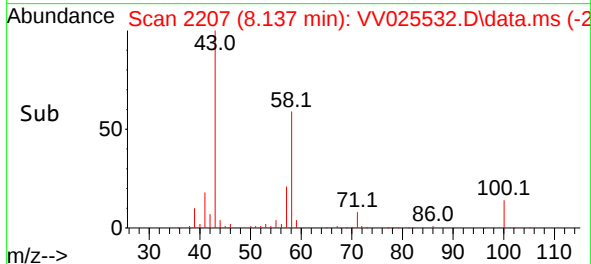
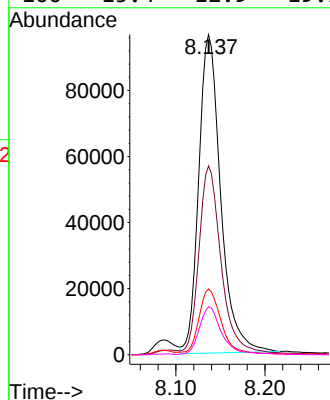
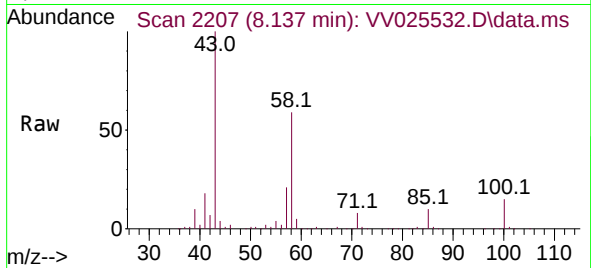


#48
2-Hexanone
Concen: 52.311 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD005377

Tgt Ion: 43 Resp: 165526

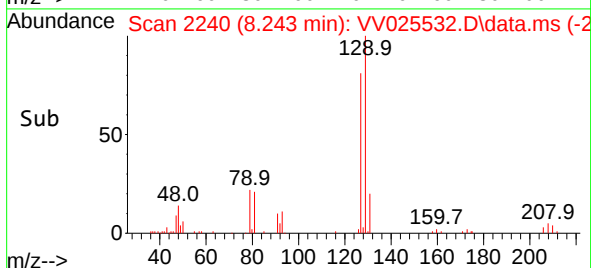
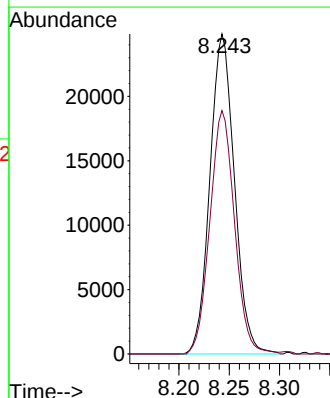
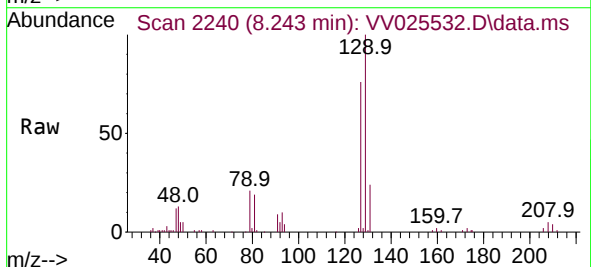
Ion	Ratio	Lower	Upper
43	100		
58	60.0	49.7	74.5
57	21.2	16.4	24.6
100	15.4	12.9	19.3

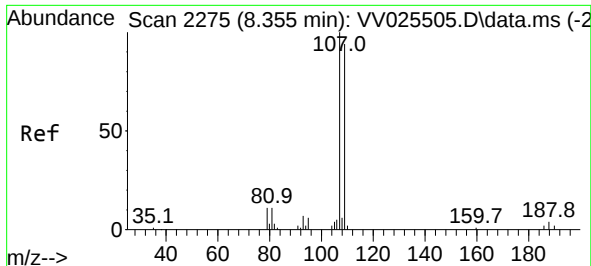


#49
Dibromochloromethane
Concen: 5.057 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

Tgt Ion: 129 Resp: 42154

Ion	Ratio	Lower	Upper
129	100		
127	76.0	53.8	100.0





#50

1,2-Dibromoethane

Concen: 4.696 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD005377

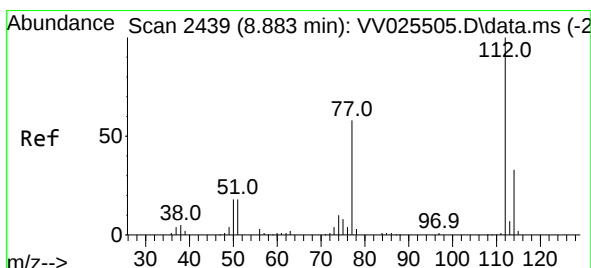
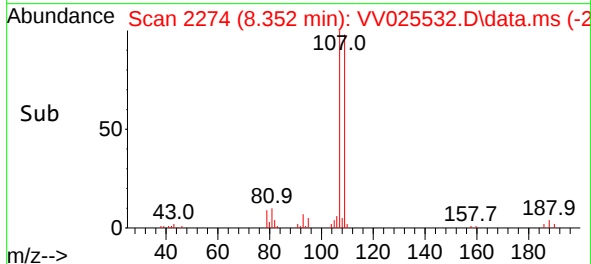
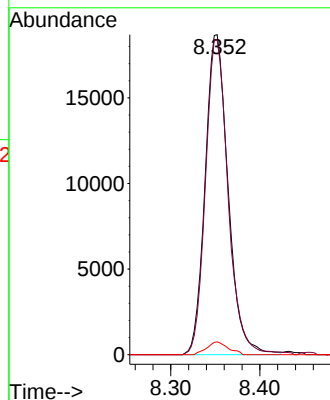
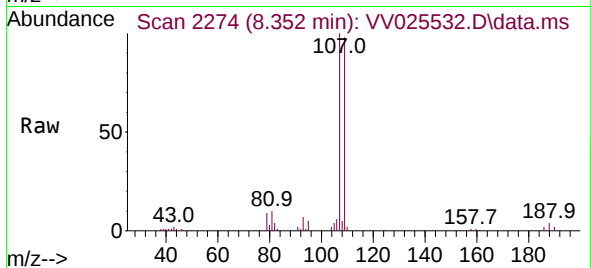
Tgt Ion:107 Resp: 33499

Ion Ratio Lower Upper

107 100

109 98.4 65.9 122.3

188 4.0 2.7 4.1



#51

Chlorobenzene

Concen: 4.822 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

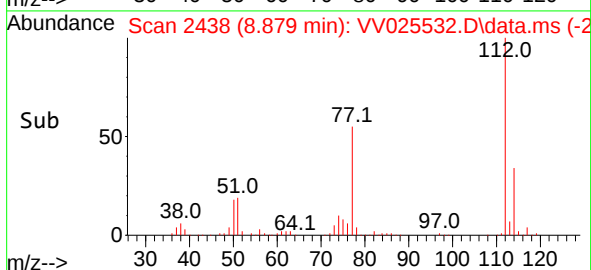
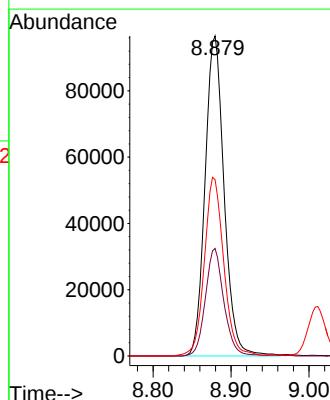
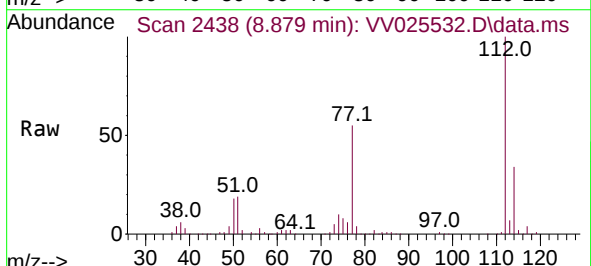
Tgt Ion:112 Resp: 164185

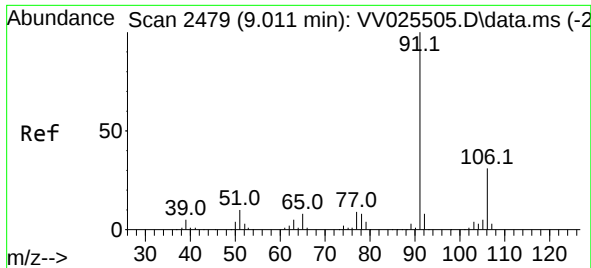
Ion Ratio Lower Upper

112 100

114 33.6 22.4 41.6

77 55.1 43.7 65.5

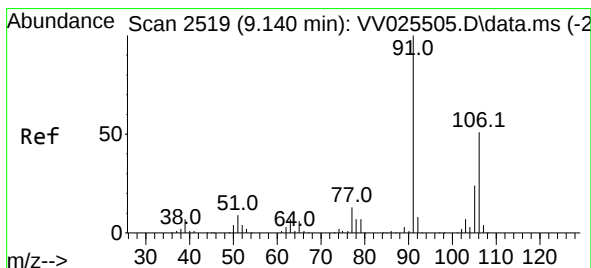
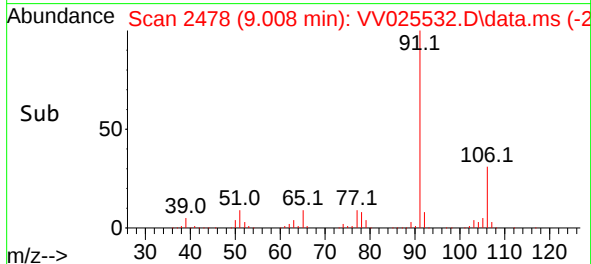
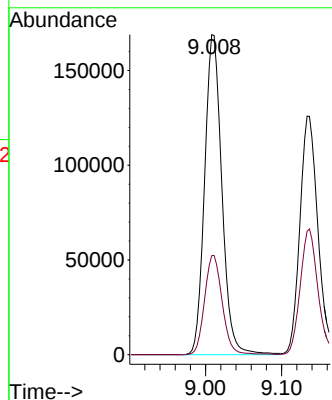
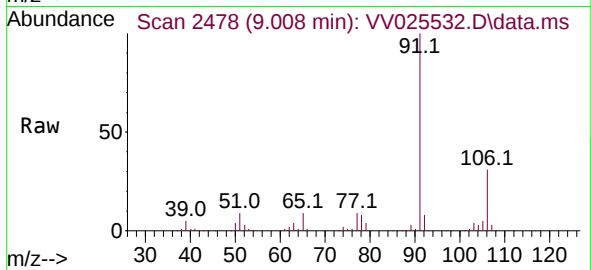




#52
Ethylbenzene
Concen: 4.692 ug/L
RT: 9.008 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

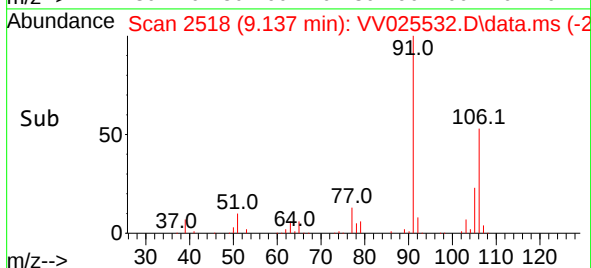
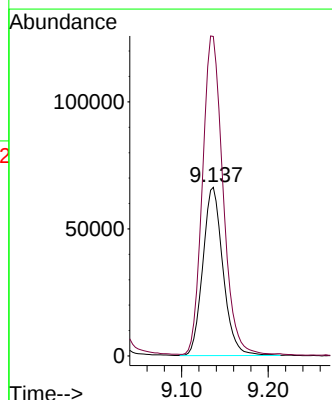
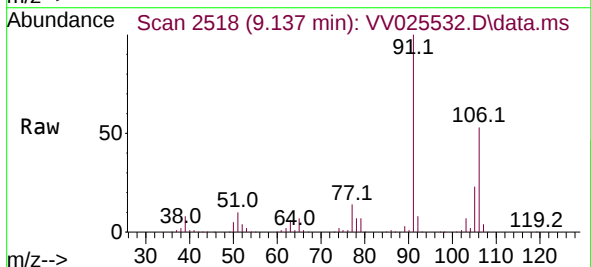
Instrument :
MSVOA_V
ClientSampleId :
VSTD005377

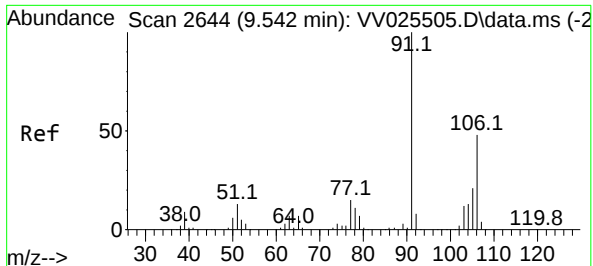
Tgt Ion: 91 Resp: 266821
Ion Ratio Lower Upper
91 100
106 31.0 22.3 41.3



#53
m,p-Xylene
Concen: 4.963 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

Tgt Ion: 106 Resp: 107316
Ion Ratio Lower Upper
106 100
91 189.4 136.4 253.4

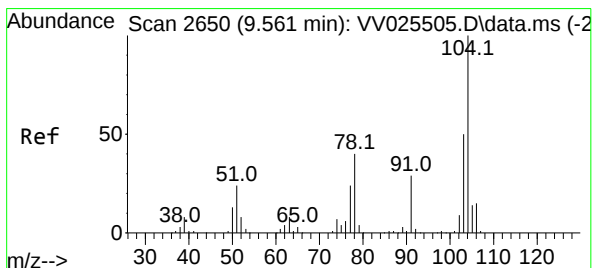
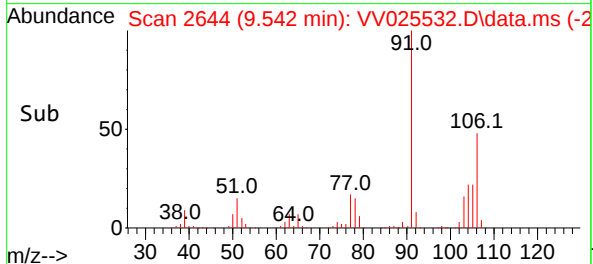
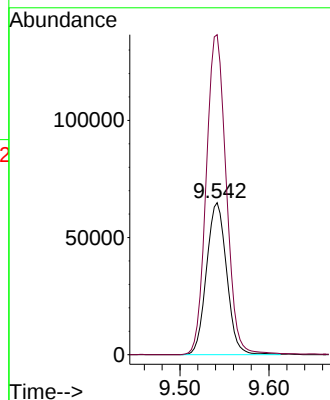
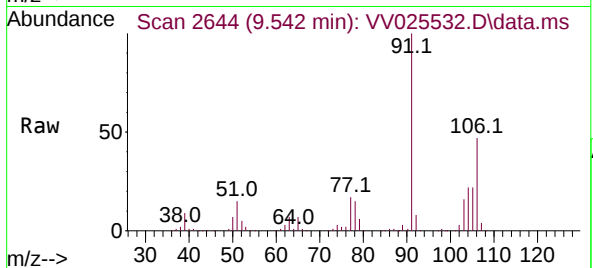




#54
o-Xylene
Concen: 4.856 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

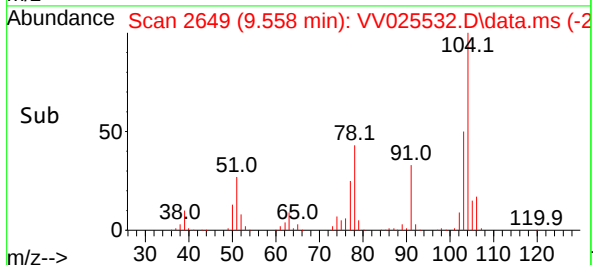
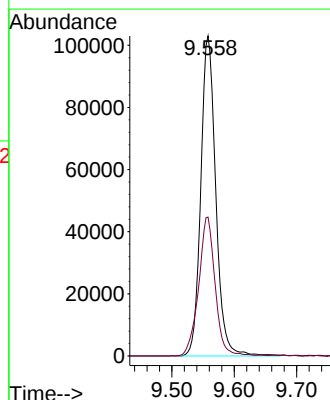
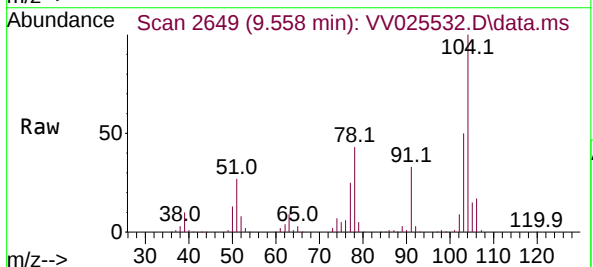
Instrument : MSVOA_V
ClientSampleId : VSTD005377

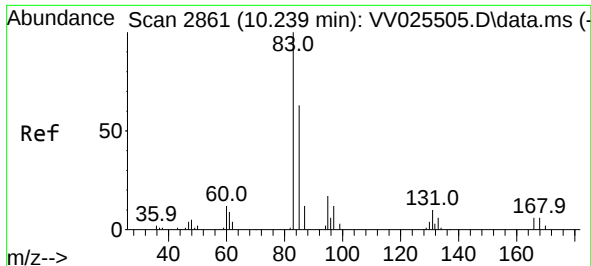
Tgt Ion:106 Resp: 101974
Ion Ratio Lower Upper
106 100
91 210.5 150.4 279.2



#55
Styrene
Concen: 5.043 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

Tgt Ion:104 Resp: 172222
Ion Ratio Lower Upper
104 100
78 43.4 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.880 ug/L

RT: 10.236 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD005377

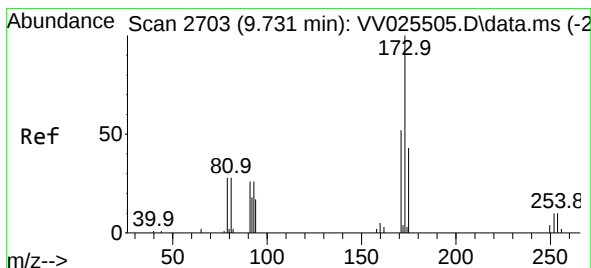
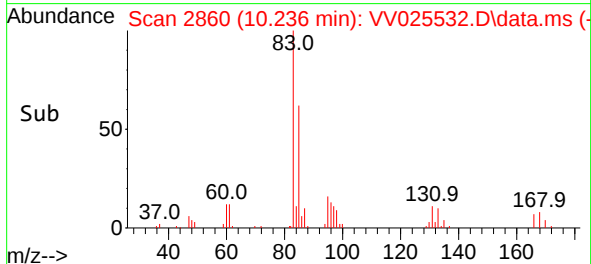
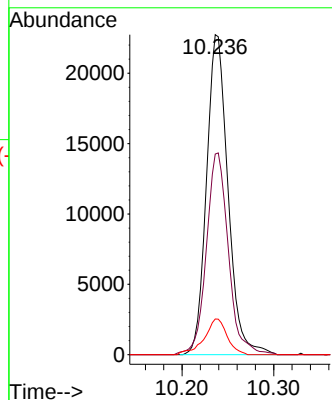
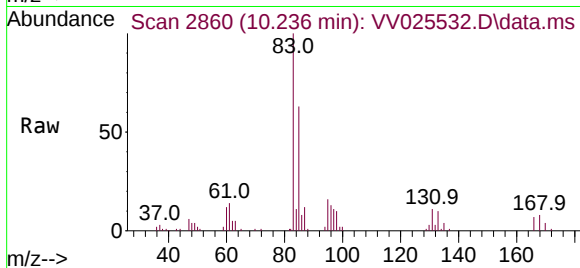
Tgt Ion: 83 Resp: 37026

Ion Ratio Lower Upper

83 100

85 62.7 45.1 83.9

131 11.2 7.9 11.9



#59

Bromoform

Concen: 4.770 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.003 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

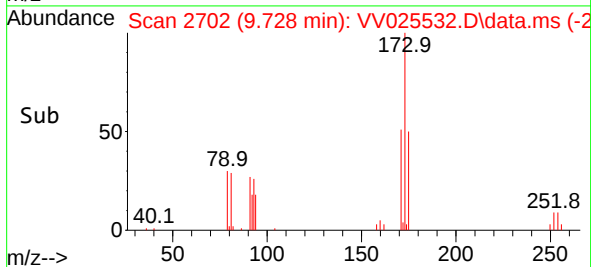
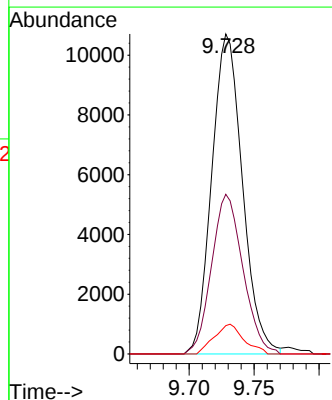
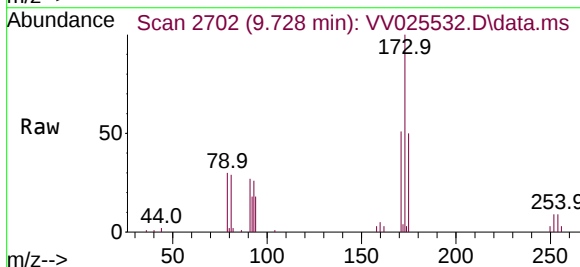
Tgt Ion: 173 Resp: 17537

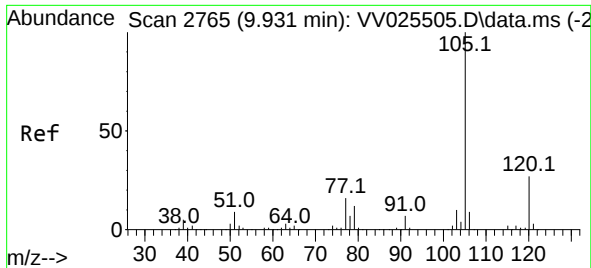
Ion Ratio Lower Upper

173 100

175 51.0 40.8 61.2

254 9.0 7.0 10.6

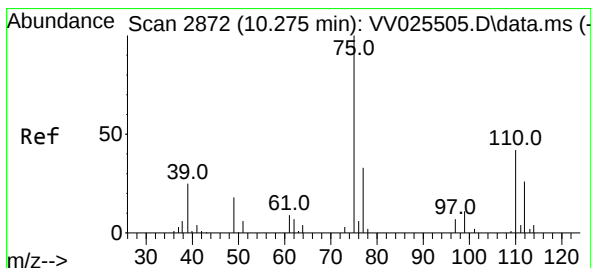
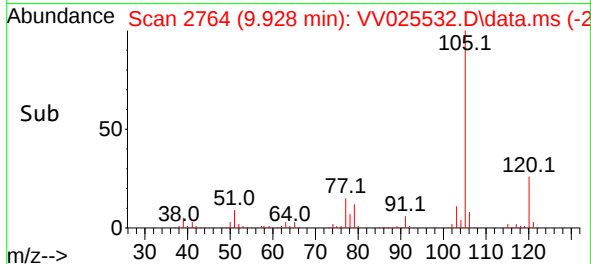
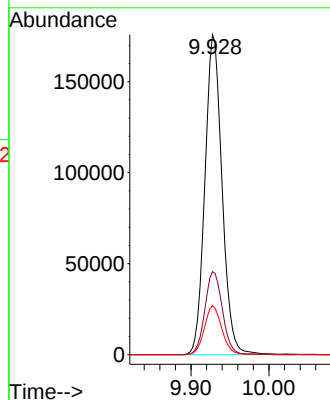
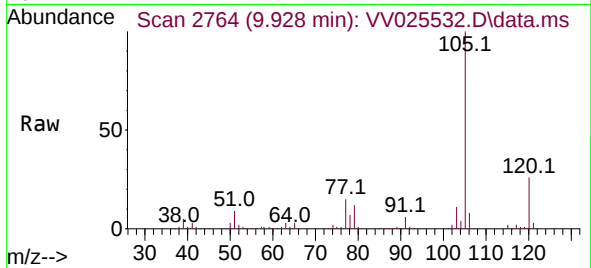




#60
Isopropylbenzene
Concen: 4.879 ug/L
RT: 9.928 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

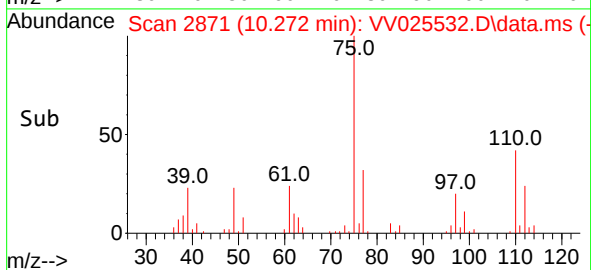
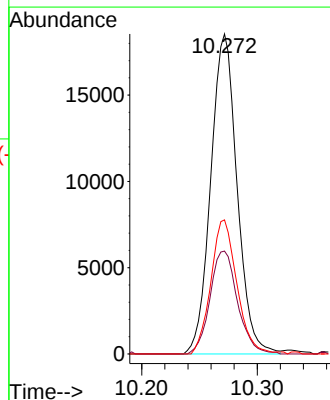
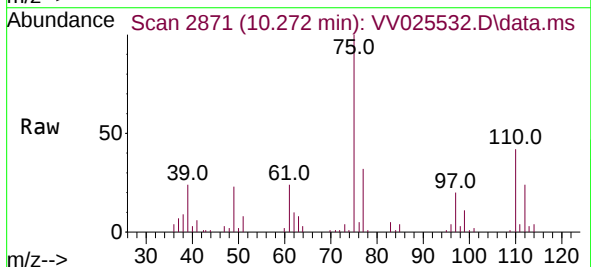
Instrument :
MSVOA_V
ClientSampleId :
VSTD005377

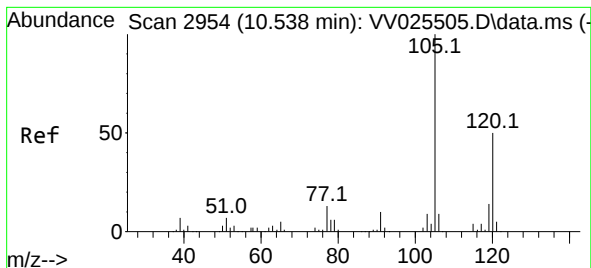
Tgt Ion:105 Resp: 268946
Ion Ratio Lower Upper
105 100
120 26.6 21.2 31.8
77 15.5 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.007 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

Tgt Ion: 75 Resp: 29371
Ion Ratio Lower Upper
75 100
77 33.6 25.6 38.4
110 41.5 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 4.655 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

Instrument :

MSVOA_V

ClientSampleId :

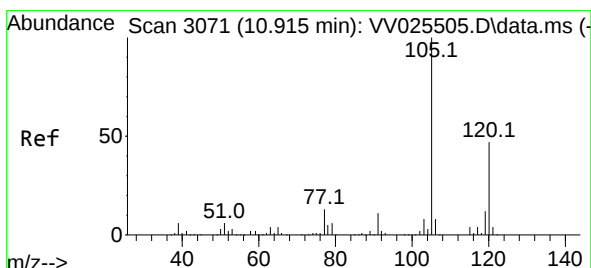
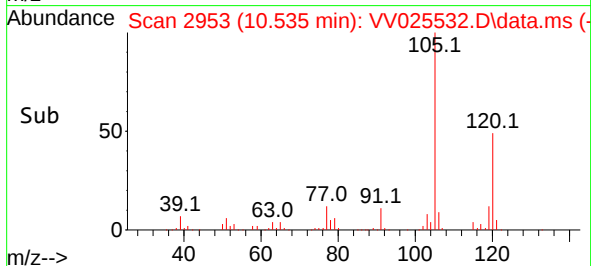
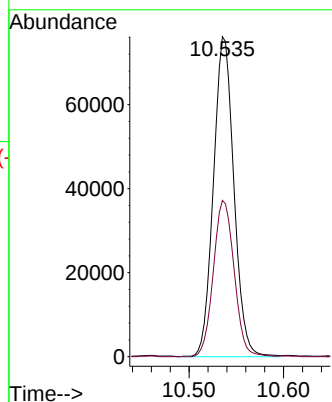
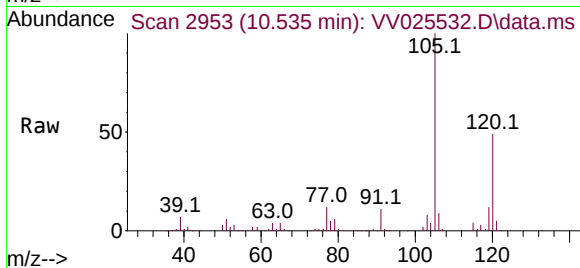
VSTD005377

Tgt Ion:105 Resp: 114431

Ion Ratio Lower Upper

105 100

120 49.7 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.745 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV025532.D

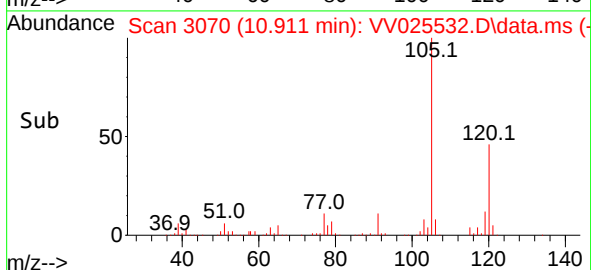
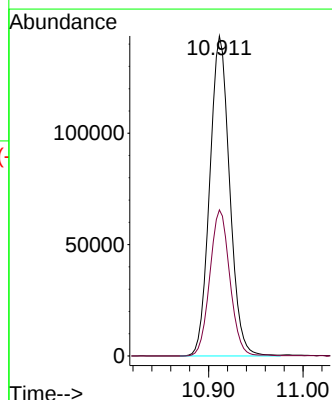
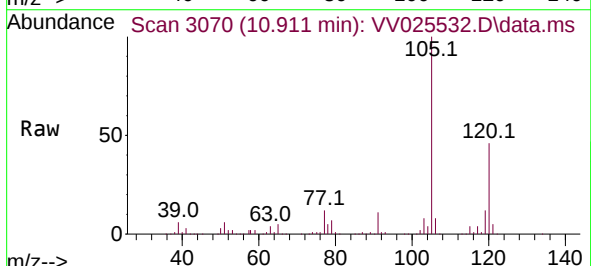
Acq: 14 Apr 2022 09:32

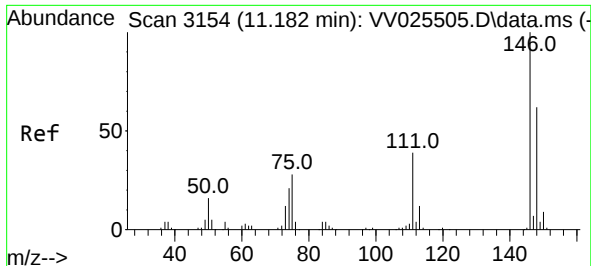
Tgt Ion:105 Resp: 210151

Ion Ratio Lower Upper

105 100

120 45.9 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 4.742 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. -0.003 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD005377

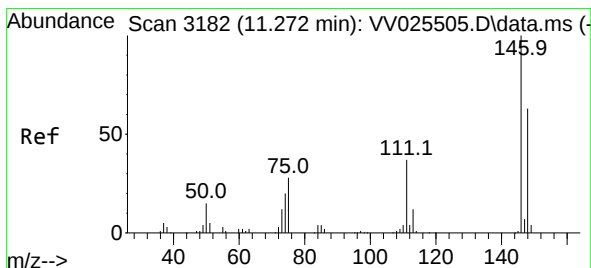
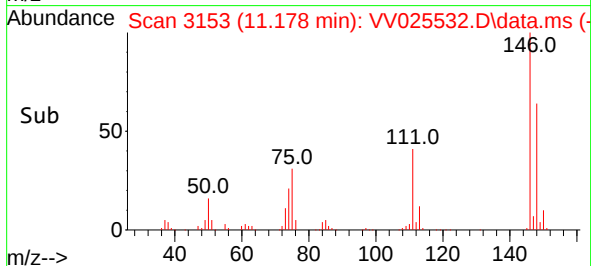
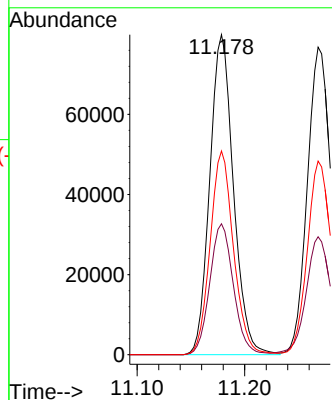
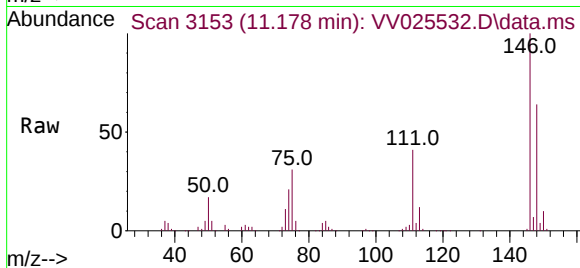
Tgt Ion:146 Resp: 122028

Ion Ratio Lower Upper

146 100

111 40.9 27.4 50.8

148 63.7 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 4.630 ug/L

RT: 11.268 min Scan# 3181

Delta R.T. -0.003 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

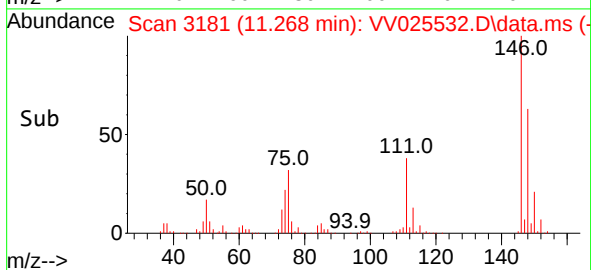
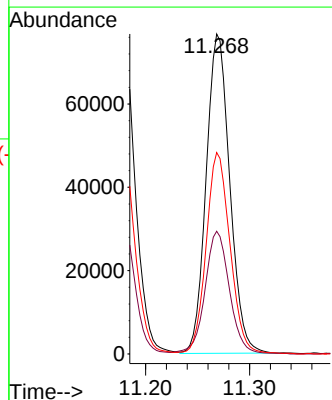
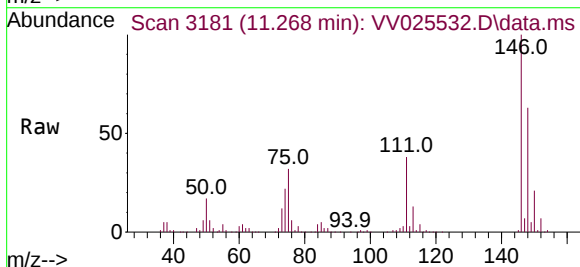
Tgt Ion:146 Resp: 120949

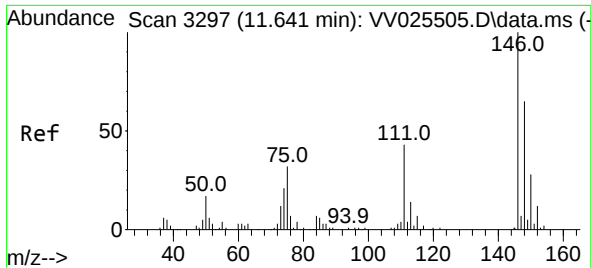
Ion Ratio Lower Upper

146 100

111 38.3 26.7 49.7

148 63.0 42.8 79.6

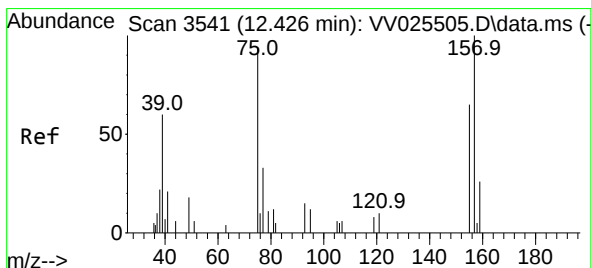
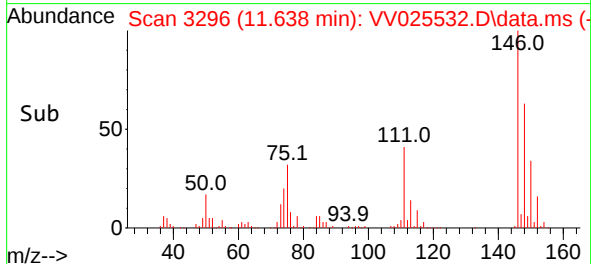
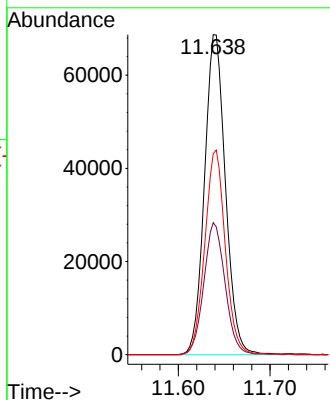
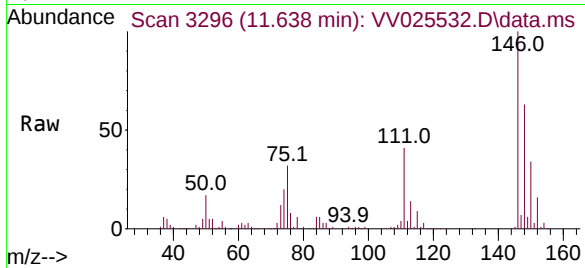




#67
1,2-Dichlorobenzene
Concen: 4.791 ug/L
RT: 11.638 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

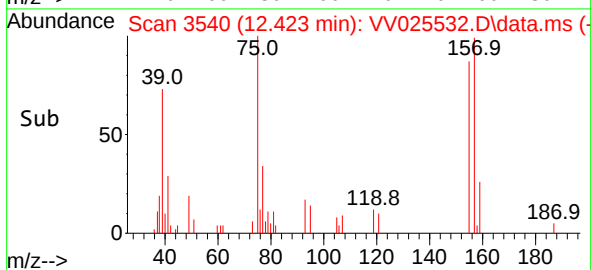
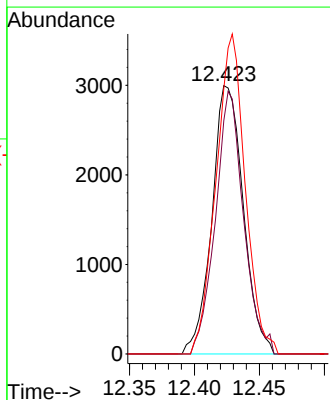
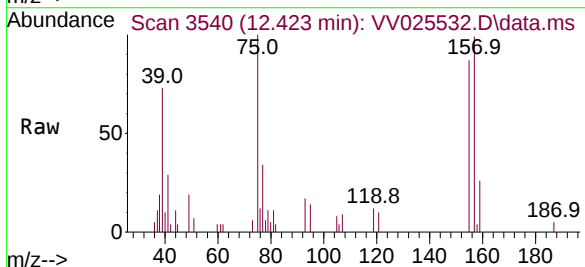
Instrument :
MSVOA_V
ClientSampleId :
VSTD005377

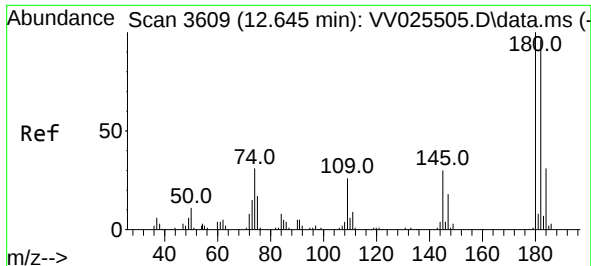
Tgt Ion:146 Resp: 109171
Ion Ratio Lower Upper
146 100
111 41.3 33.6 50.4
148 62.8 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.955 ug/L
RT: 12.423 min Scan# 3540
Delta R.T. -0.003 min
Lab File: VV025532.D
Acq: 14 Apr 2022 09:32

Tgt Ion: 75 Resp: 5025
Ion Ratio Lower Upper
75 100
155 87.0 65.8 98.8
157 98.8 86.6 130.0





#69

1,3,5-Trichlorobenzene

Concen: 4.446 ug/L

RT: 12.641 min Scan# 3609

Delta R.T. -0.003 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD005377

Tgt Ion:180 Resp: 87035

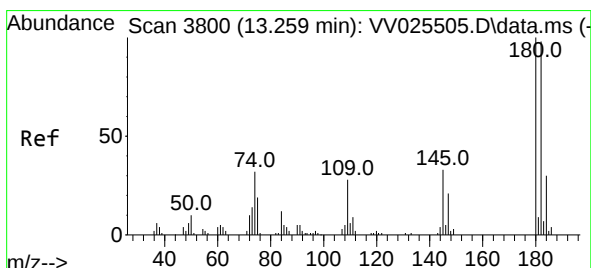
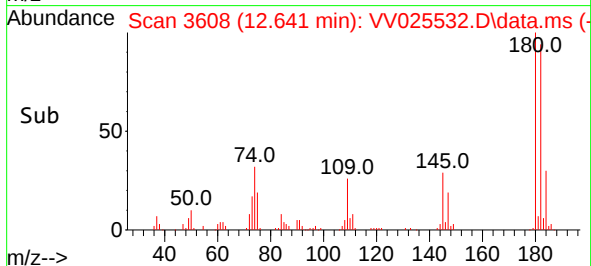
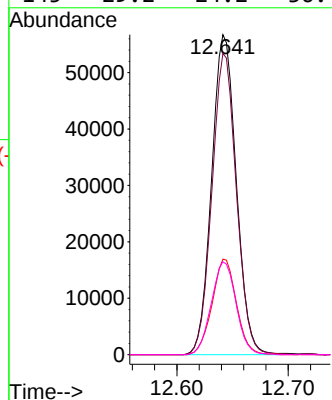
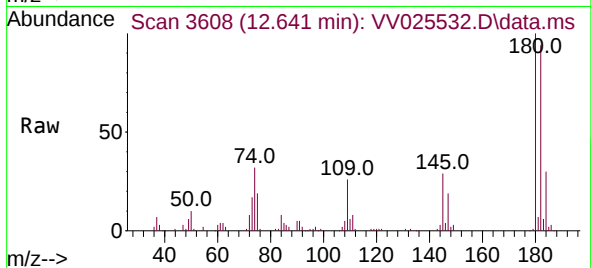
Ion Ratio Lower Upper

180 100

182 93.4 75.3 112.9

184 29.5 23.4 35.2

145 29.2 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 4.199 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

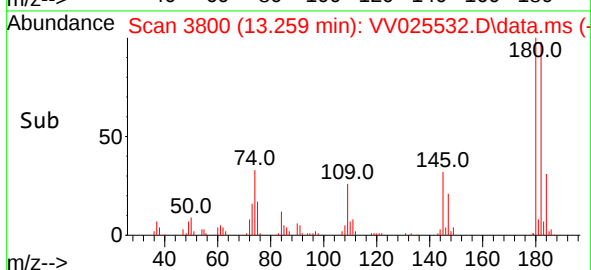
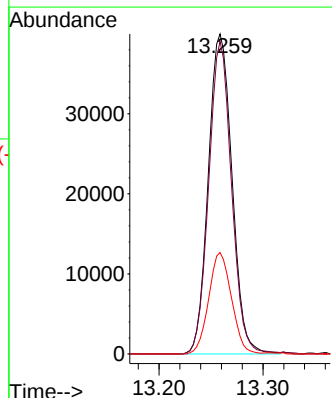
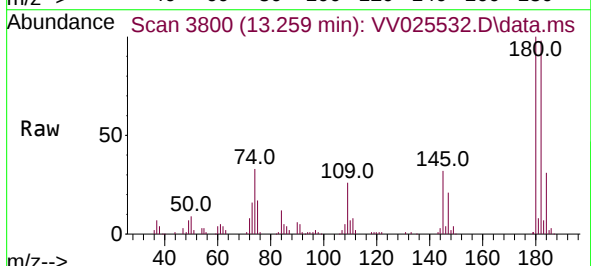
Tgt Ion:180 Resp: 63372

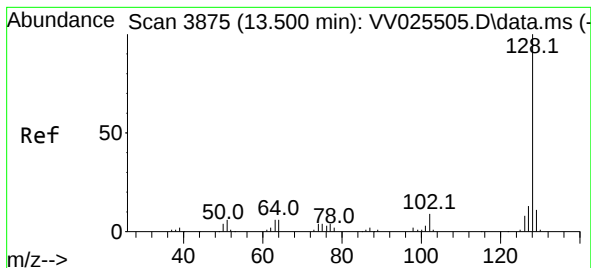
Ion Ratio Lower Upper

180 100

182 94.0 76.6 114.8

145 30.4 24.6 36.8





#71

Naphthalene

Concen: 4.027 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD005377

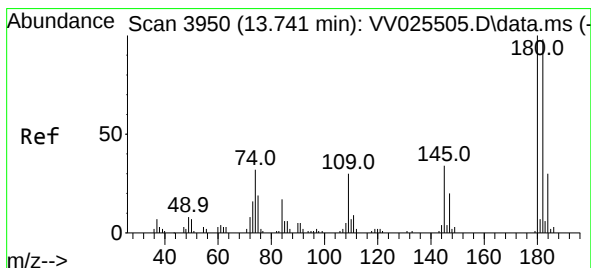
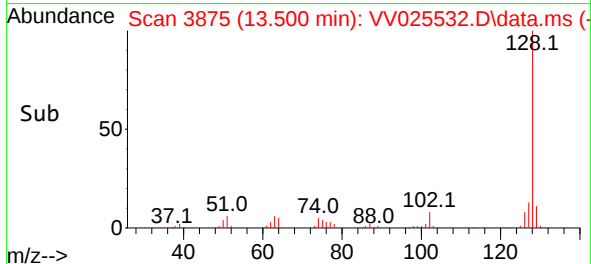
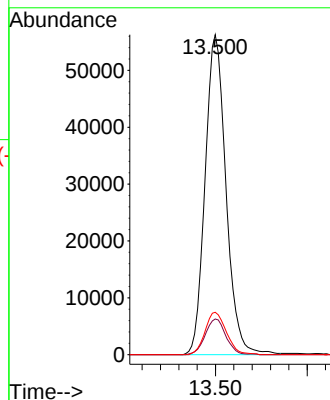
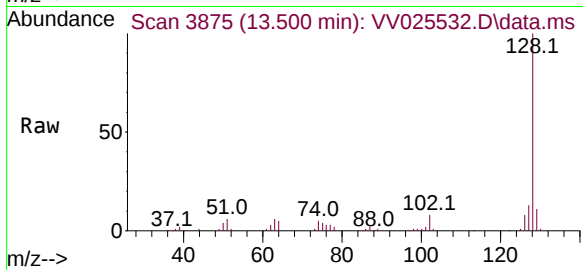
Tgt Ion:128 Resp: 89151

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.5 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.390 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV025532.D

Acq: 14 Apr 2022 09:32

Tgt Ion:180 Resp: 54859

Ion Ratio Lower Upper

180 100

182 91.5 77.7 116.5

145 32.7 27.4 41.2

