

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040622\
 Data File : VW025356.D
 Acq On : 06 Apr 2022 10:16
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005368

Quant Time: Apr 07 01:21:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 06 01:28:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	145807	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	138712	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71476	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50466	3.705	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.564	69	45755	4.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.108	63	117146	3.971	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	3.892	46	71491	52.696	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.400%
24) Chloroform-d	4.342	84	83591	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.027	65	35477	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.047	84	152082	4.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.066	67	43640	4.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.310	98	139651	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.619	79	14772	4.604	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.085	63	53982	46.586	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.180%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	31103	4.743	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	50013	4.357	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	72449	4.975	ug/L	98
3) Chloromethane	1.240	50	82197	4.785	ug/L	99
5) Vinyl chloride	1.310	62	92283	4.810	ug/L	99
6) Bromomethane	1.519	94	56607	4.970	ug/L	99
8) Chloroethane	1.584	64	58471	4.856	ug/L	99
9) Trichlorofluoromethane	1.751	101	139131	5.364	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	78983	5.127	ug/L	99
12) 1,1-Dichloroethene	2.117	96	72299	4.925	ug/L	95
13) Acetone	2.191	43	58570	56.577	ug/L	85
14) Carbon disulfide	2.291	76	152768	5.023	ug/L	99
15) Methyl Acetate	2.439	43	13086	5.553	ug/L	96
16) Methylene chloride	2.503	84	57580	4.996	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	97429	5.246	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	57564	5.463	ug/L	93
19) 1,1-Dichloroethane	3.185	63	95477	5.428	ug/L	96
21) 2-Butanone	3.973	43	80747	56.685	ug/L	86
22) cis-1,2-Dichloroethene	3.905	96	58153	5.433	ug/L	91
23) Bromochloromethane	4.246	128	24983	5.595	ug/L	93
25) Chloroform	4.368	83	105068	5.384	ug/L	99

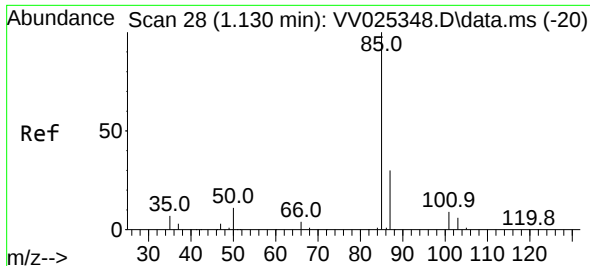
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040622\
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 Operator : SY/MD
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Quant Time: Apr 07 01:21:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 06 01:28:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	53822	5.341	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	94276	5.621	ug/L	99
30) Cyclohexane	4.674	56	73532	4.902	ug/L	97
31) Carbon tetrachloride	4.821	117	79977	5.509	ug/L	100
33) Benzene	5.095	78	223888	5.502	ug/L	100
34) Trichloroethene	5.908	95	59918	5.363	ug/L	98
35) Methylcyclohexane	6.127	83	89539	5.115	ug/L	100
37) 1,2-Dichloropropane	6.169	63	49982	5.296	ug/L	100
38) Bromodichloromethane	6.506	83	67846	5.674	ug/L	92
39) cis-1,3-Dichloropropene	7.024	75	64897	5.303	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	206832	54.886	ug/L	99
42) Toluene	7.384	91	245822	5.659	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	51777	5.382	ug/L	93
45) 1,1,2-Trichloroethane	7.837	97	37181	5.754	ug/L	98
47) Tetrachloroethene	7.972	164	46579	5.654	ug/L	97
48) 2-Hexanone	8.136	43	148529	55.109	ug/L	95
49) Dibromochloromethane	8.242	129	40488	5.822	ug/L	98
50) 1,2-Dibromoethane	8.349	107	32893	5.463	ug/L #	98
51) Chlorobenzene	8.879	112	154533	5.509	ug/L	99
52) Ethylbenzene	9.011	91	250743	5.443	ug/L	97
53) m,p-Xylene	9.136	106	100572	5.613	ug/L	96
54) o-Xylene	9.541	106	94737	5.531	ug/L	97
55) Styrene	9.558	104	165284	5.869	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	36404	5.404	ug/L	99
59) Bromoform	9.728	173	18457	6.317	ug/L #	95
60) Isopropylbenzene	9.927	105	257026	5.422	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	27518	5.088	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	106135	4.993	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	199318	5.256	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	121856	5.489	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	121116	5.448	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	107013	5.477	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5246	5.418	ug/L #	77
69) 1,3,5-Trichlorobenzene	12.641	180	88317	5.515	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	65139	5.391	ug/L	98
71) Naphthalene	13.500	128	90100	4.784	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	55686	5.349	ug/L	98

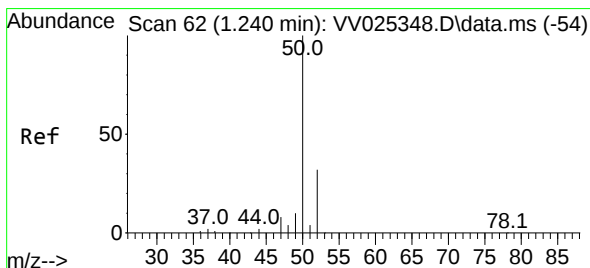
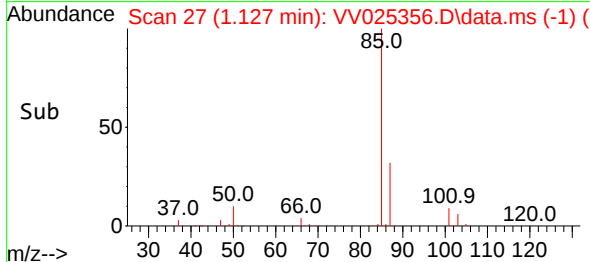
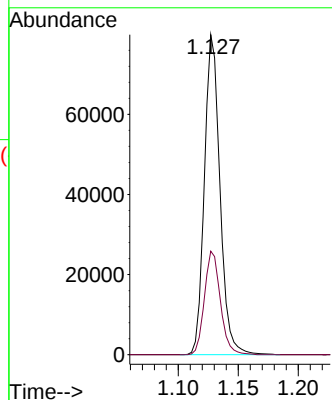
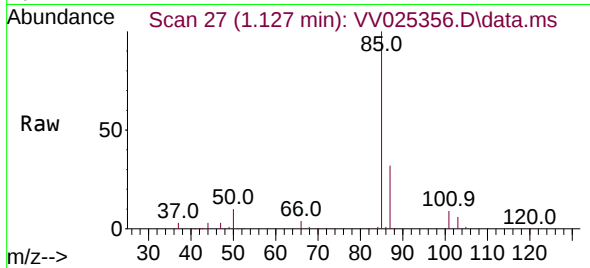
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#2
 Dichlorodifluoromethane
 Concen: 4.975 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV025356.D
 Acq: 06 Apr 2022 10:16

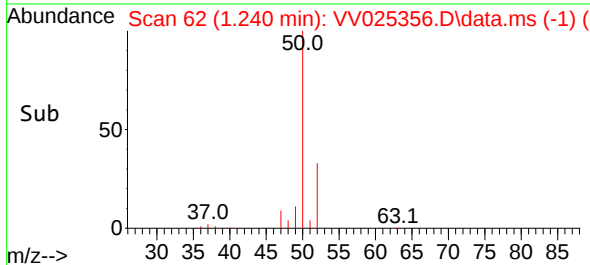
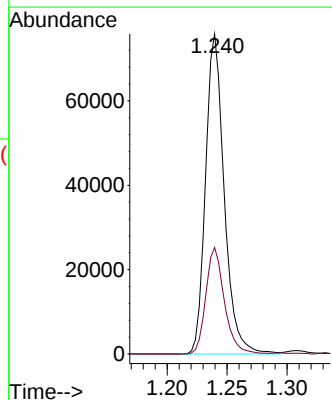
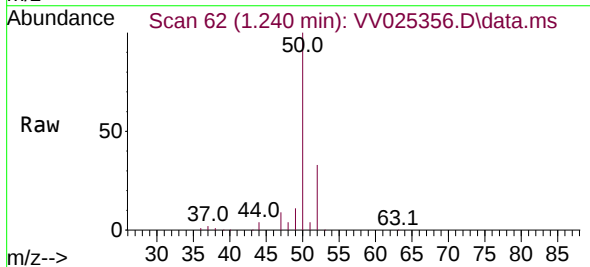
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005368

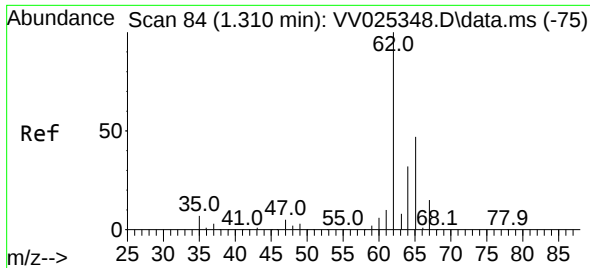
Tgt Ion: 85 Resp: 72449
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.8 38.6



#3
 Chloromethane
 Concen: 4.785 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV025356.D
 Acq: 06 Apr 2022 10:16

Tgt Ion: 50 Resp: 82197
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.9 42.5

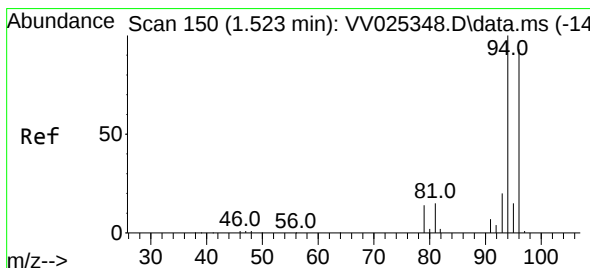
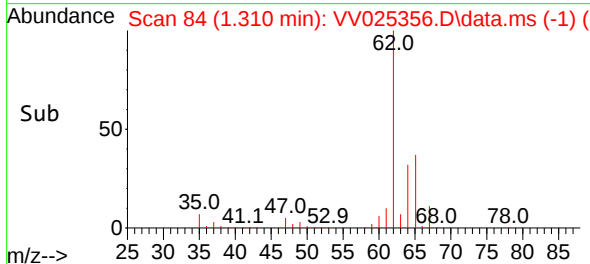
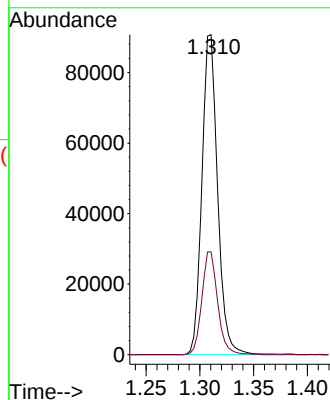
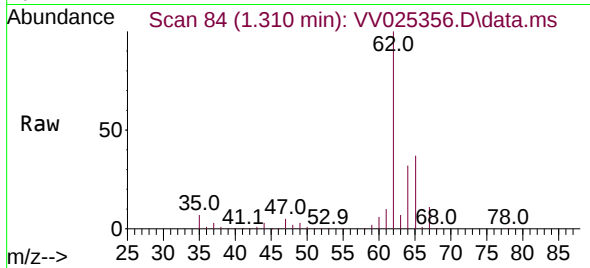




#5
 Vinyl chloride
 Concen: 4.810 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV025356.D
 Acq: 06 Apr 2022 10:16

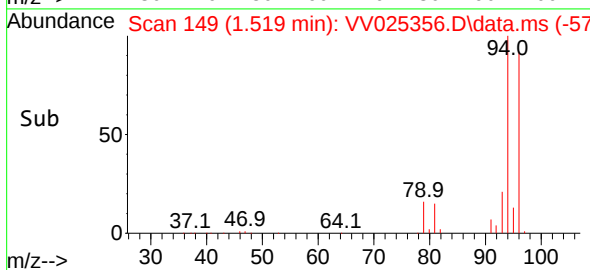
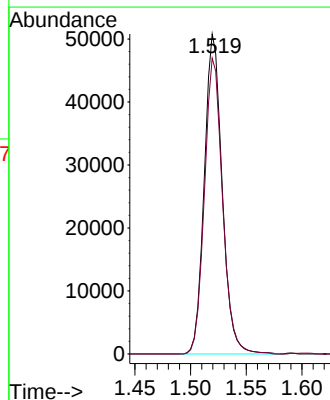
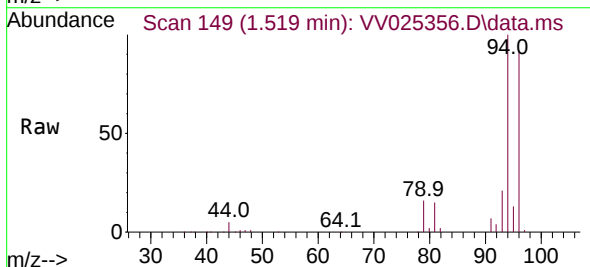
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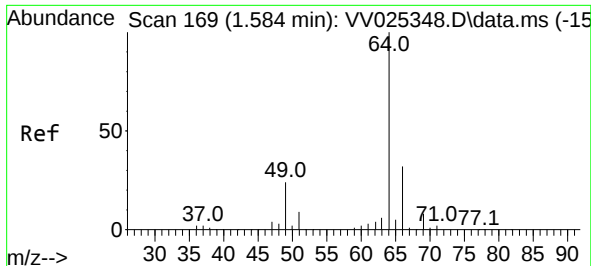
Tgt Ion: 62 Resp: 92283
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.0 40.8



#6
 Bromomethane
 Concen: 4.970 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV025356.D
 Acq: 06 Apr 2022 10:16

Tgt Ion: 94 Resp: 56607
 Ion Ratio Lower Upper
 94 100
 96 92.5 65.5 121.7

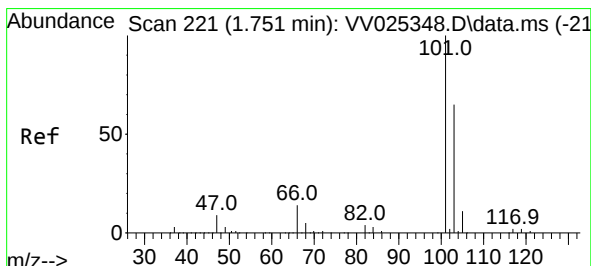
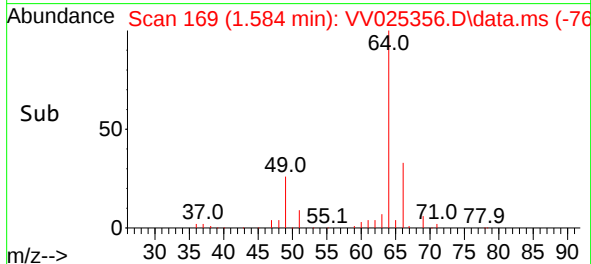
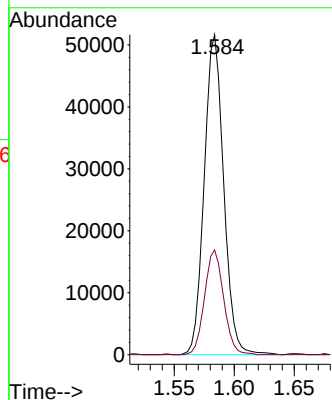
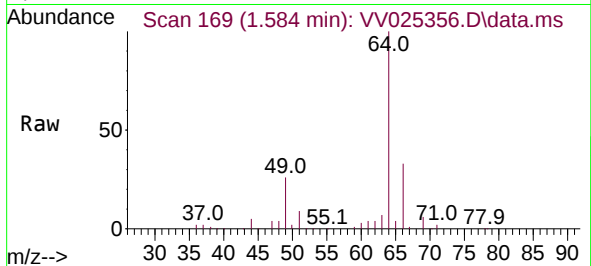




#8
Chloroethane
Concen: 4.856 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

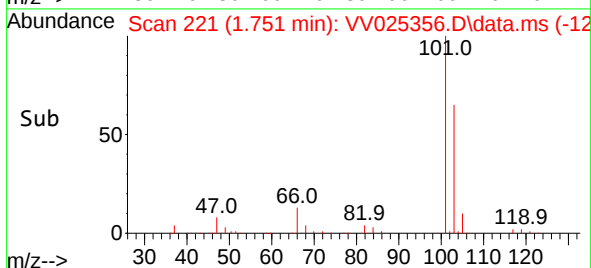
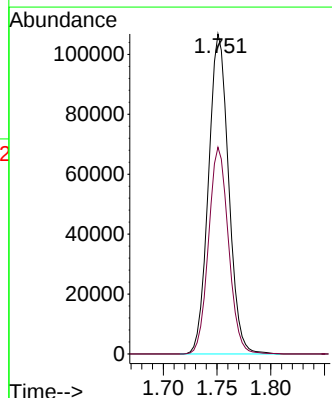
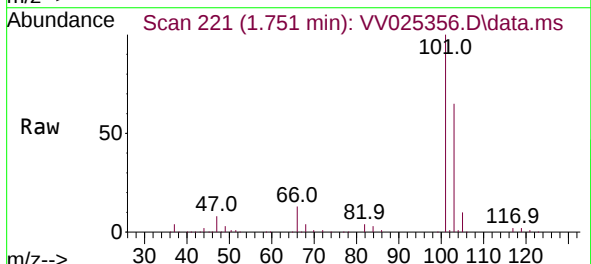
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ClientSampleId :
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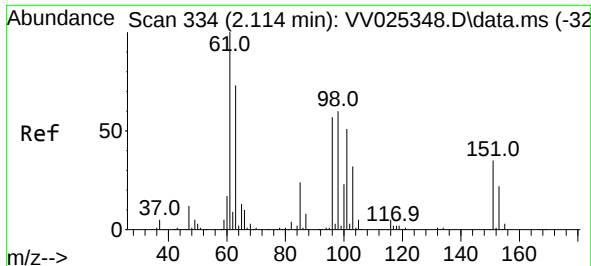
Tgt Ion: 64 Resp: 58471
Ion Ratio Lower Upper
64 100
66 32.8 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.364 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

Tgt Ion: 101 Resp: 139131
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.2

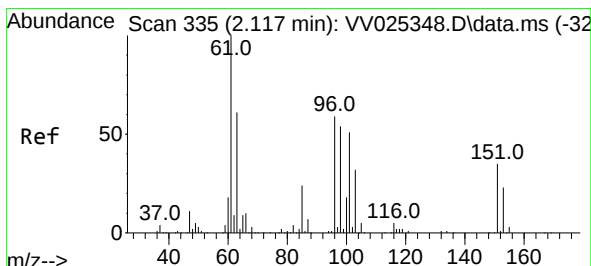
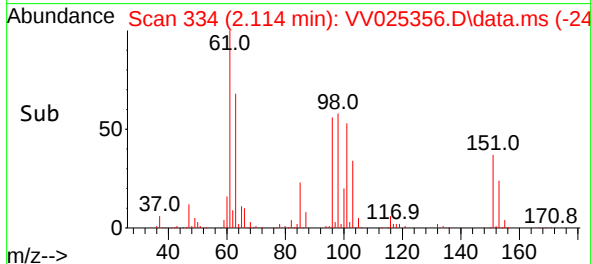
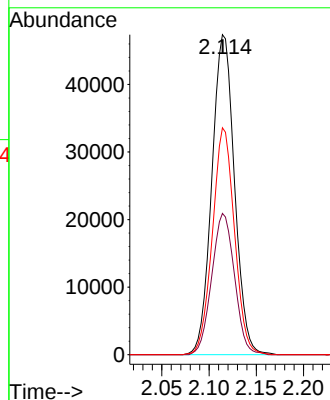
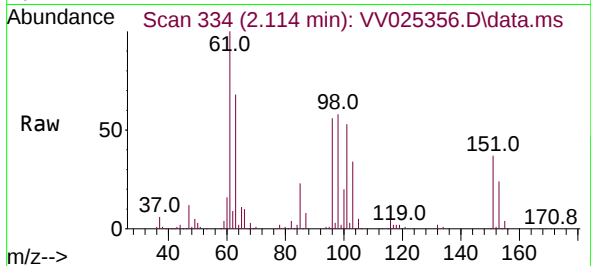




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.127 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV025356.D
 Acq: 06 Apr 2022 10:16

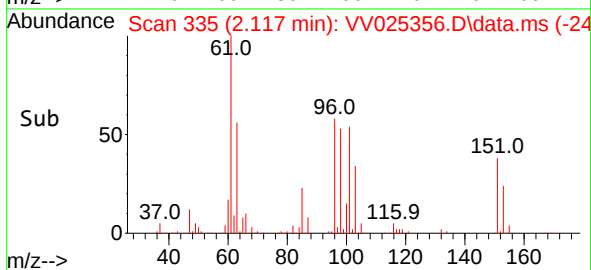
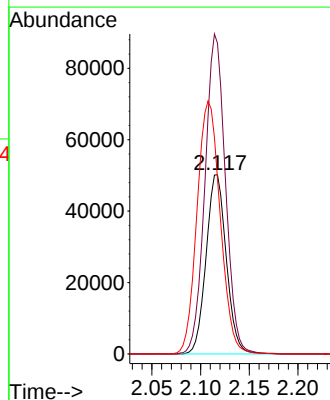
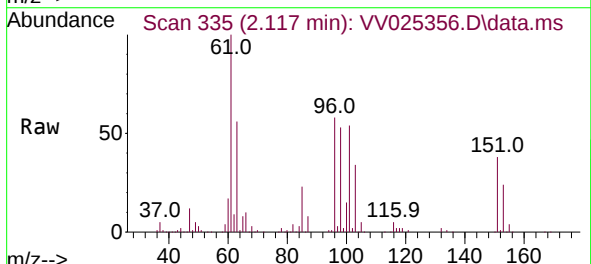
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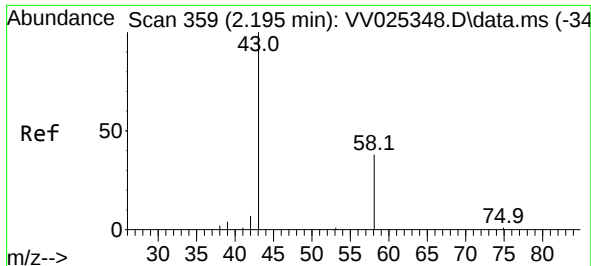
Tgt Ion:101 Resp: 78983
 Ion Ratio Lower Upper
 101 100
 85 44.3 36.0 54.0
 151 69.0 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 4.925 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV025356.D
 Acq: 06 Apr 2022 10:16

Tgt Ion: 96 Resp: 72299
 Ion Ratio Lower Upper
 96 100
 61 173.4 121.5 225.7
 63 97.8 77.9 144.7





#13

Acetone

Concen: 56.577 ug/L

RT: 2.191 min Scan# 359

Delta R.T. -0.003 min

Lab File: VV025356.D

Acq: 06 Apr 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

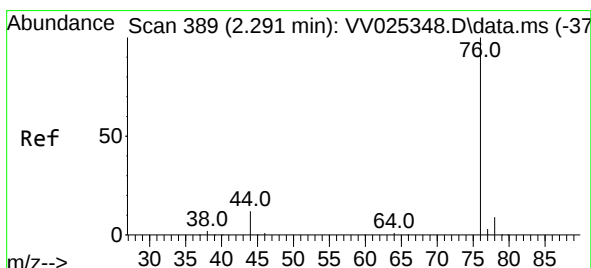
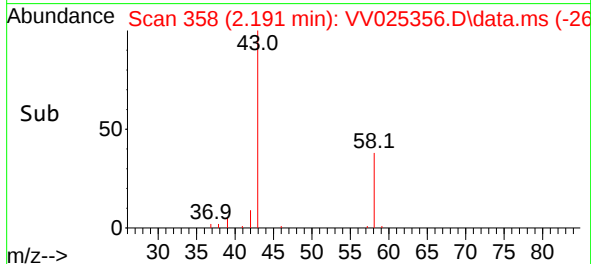
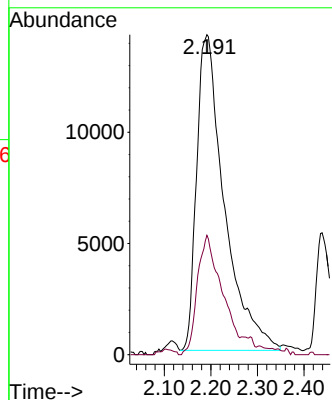
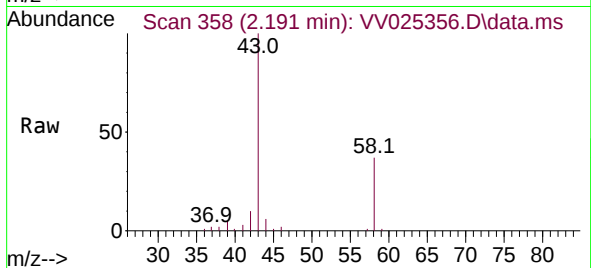
VSTD005368

Tgt Ion: 43 Resp: 58570

Ion Ratio Lower Upper

43 100

58 33.3 0.0 51.2



#14

Carbon disulfide

Concen: 5.023 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV025356.D

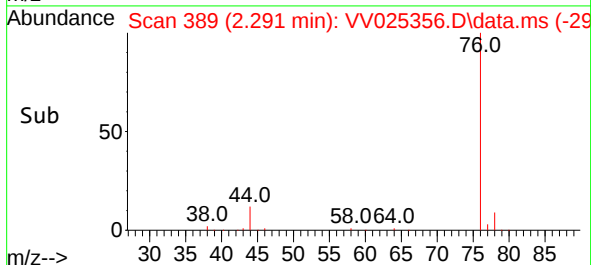
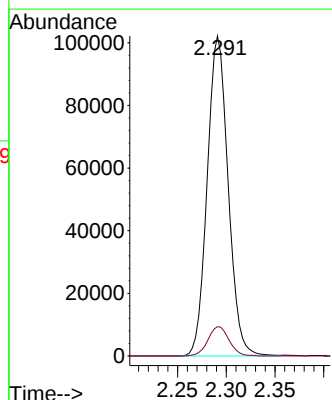
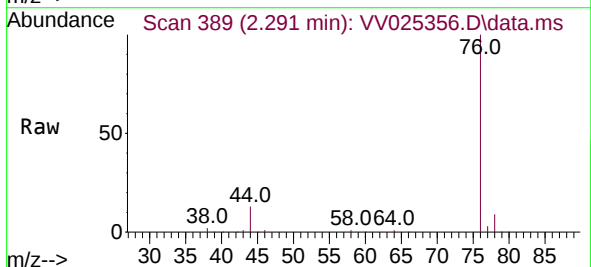
Acq: 06 Apr 2022 10:16

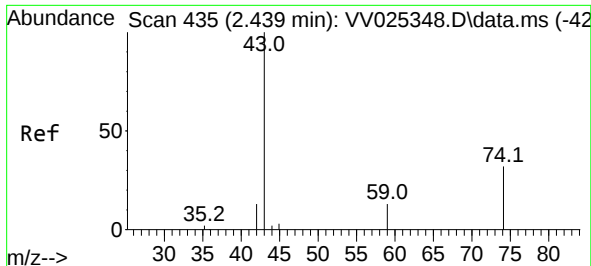
Tgt Ion: 76 Resp: 152768

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4

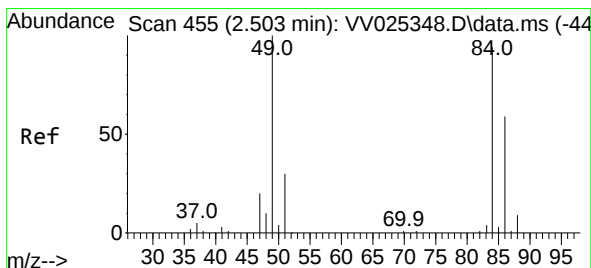
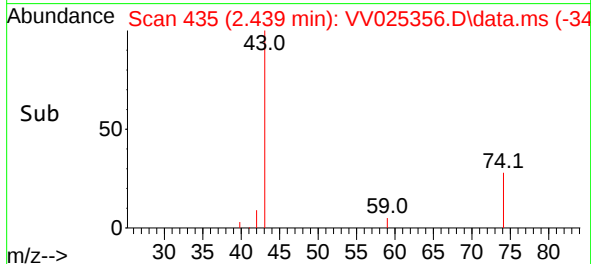
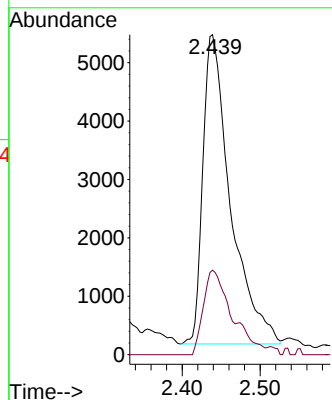
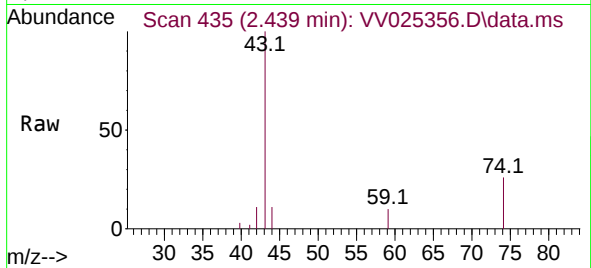




#15
Methyl Acetate
Concen: 5.553 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

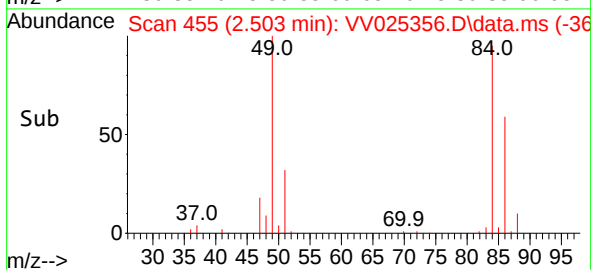
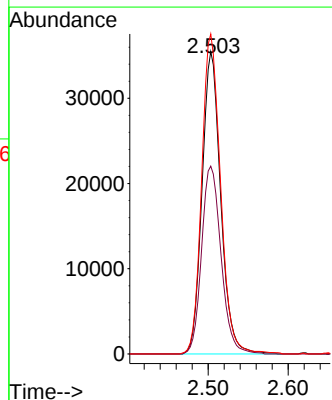
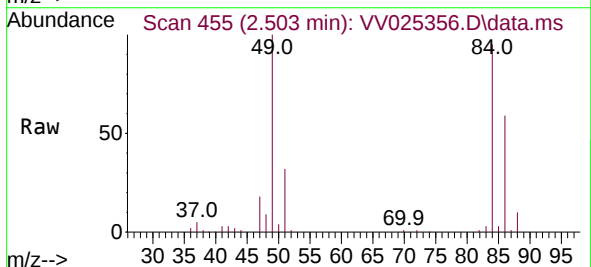
Instrument :
MSVOA_V
ClientSampleId :
VSTD005368

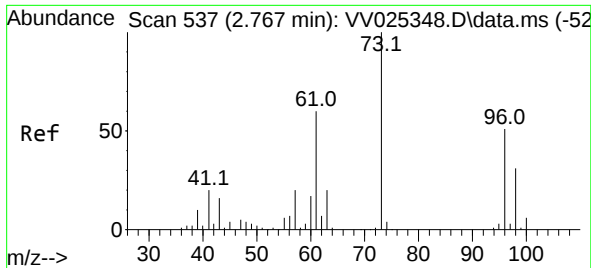
Tgt Ion: 43 Resp: 13086
Ion Ratio Lower Upper
43 100
74 28.3 20.9 31.3



#16
Methylene chloride
Concen: 4.996 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

Tgt Ion: 84 Resp: 57580
Ion Ratio Lower Upper
84 100
86 62.1 43.5 80.7
49 105.8 74.5 138.3

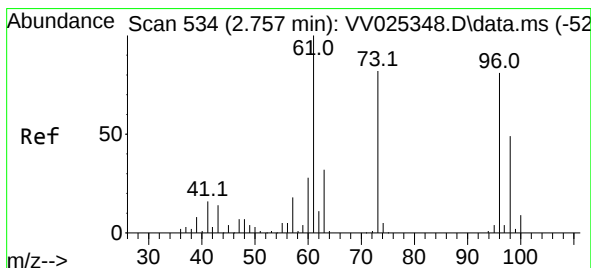
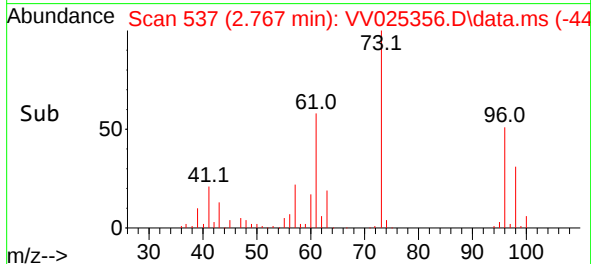
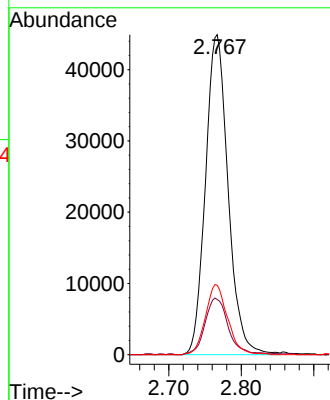
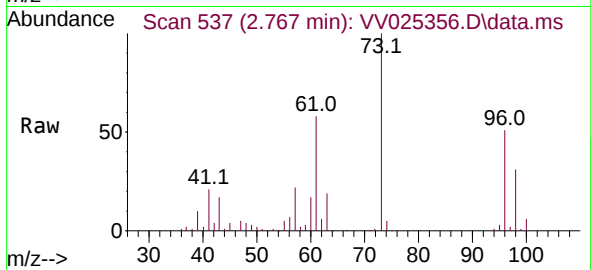




#17
Methyl tert-butyl Ether
Concen: 5.246 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

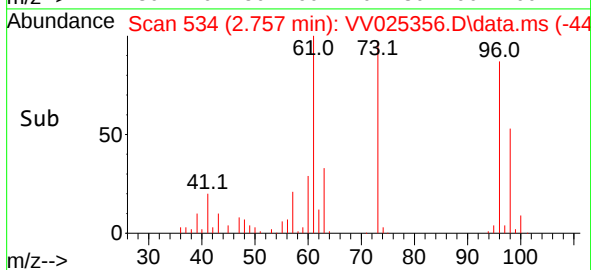
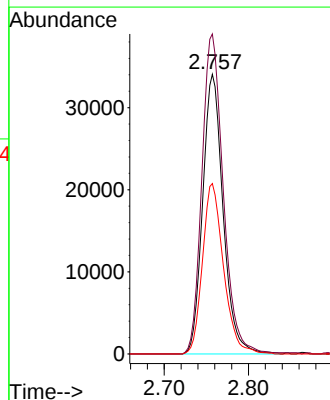
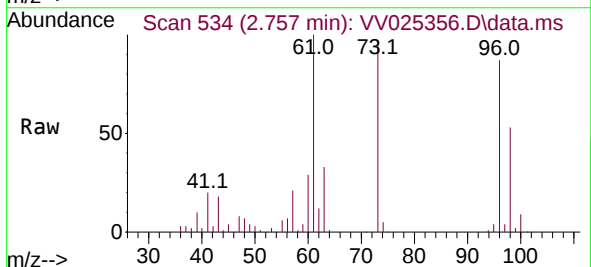
Instrument :
MSVOA_V
ClientSampleId :
VSTD005368

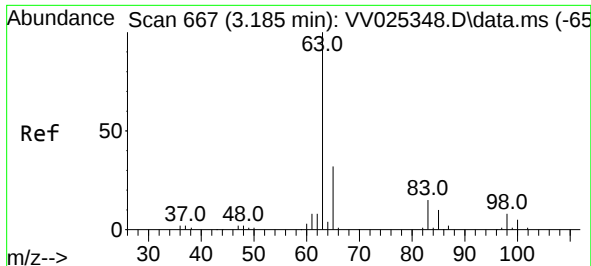
Tgt Ion:	73	Resp:	97429
Ion	Ratio	Lower	Upper
73	100		
43	18.2	13.5	20.3
57	21.5	16.4	24.6



#18
trans-1,2-Dichloroethene
Concen: 5.463 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

Tgt Ion:	96	Resp:	57564
Ion	Ratio	Lower	Upper
96	100		
61	114.4	87.6	162.8
98	60.9	44.0	81.8





#19

1,1-Dichloroethane

Concen: 5.428 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV025356.D

Acq: 06 Apr 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005368

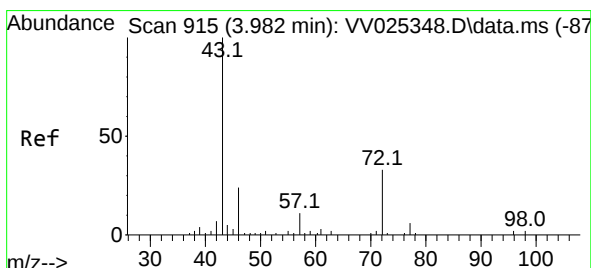
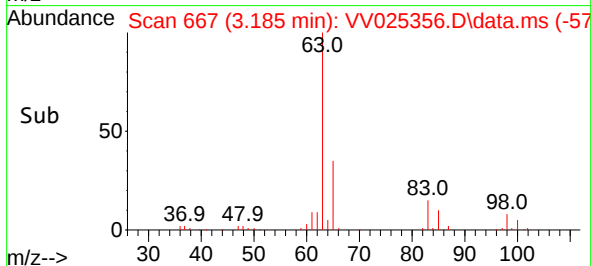
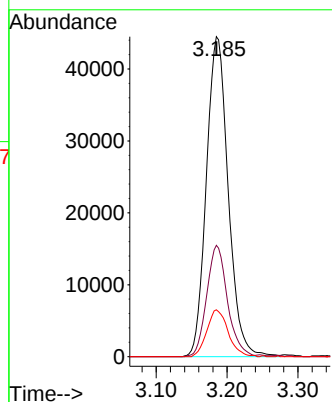
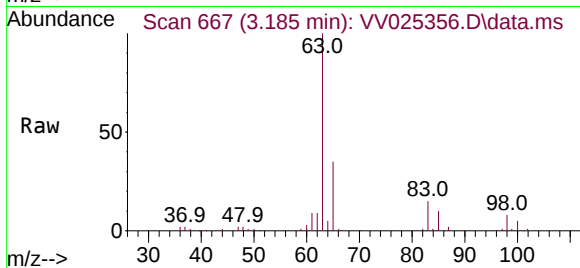
Tgt Ion: 63 Resp: 95477

Ion Ratio Lower Upper

63 100

65 34.8 22.0 40.8

83 14.7 10.2 19.0



#21

2-Butanone

Concen: 56.685 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.010 min

Lab File: VV025356.D

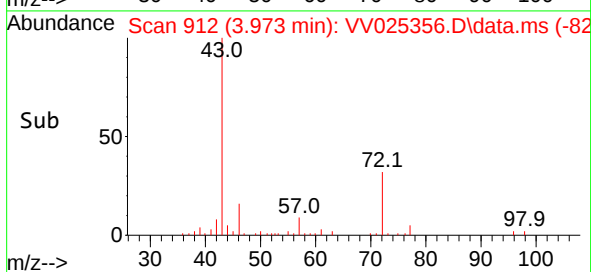
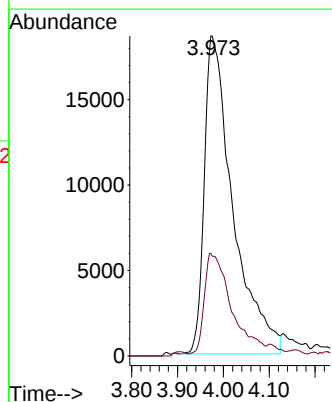
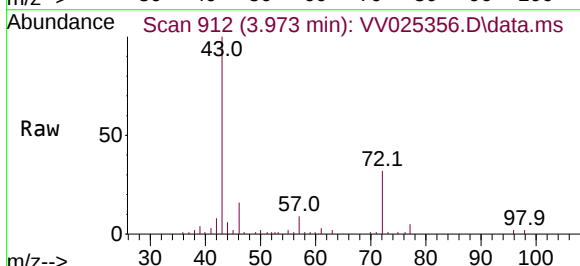
Acq: 06 Apr 2022 10:16

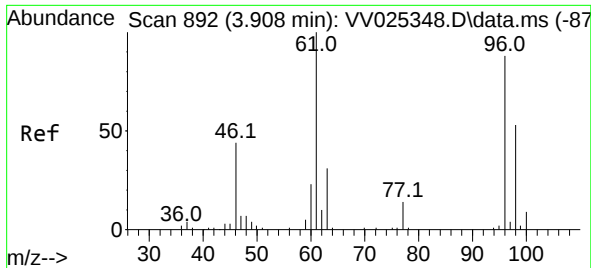
Tgt Ion: 43 Resp: 80747

Ion Ratio Lower Upper

43 100

72 30.5 11.8 35.4

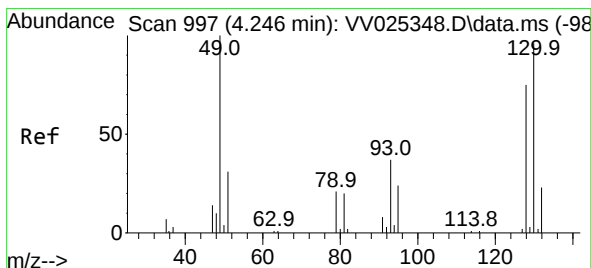
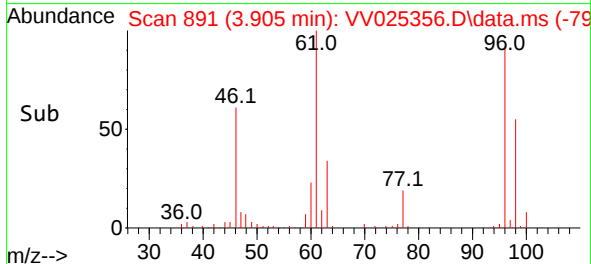
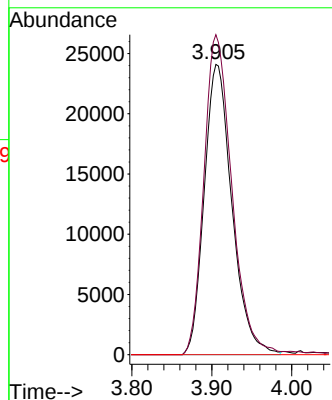
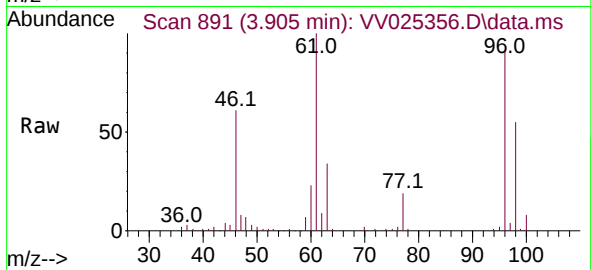




#22
 cis-1,2-Dichloroethene
 Concen: 5.433 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV025356.D
 Acq: 06 Apr 2022 10:16

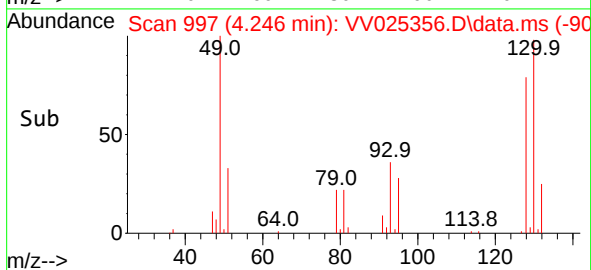
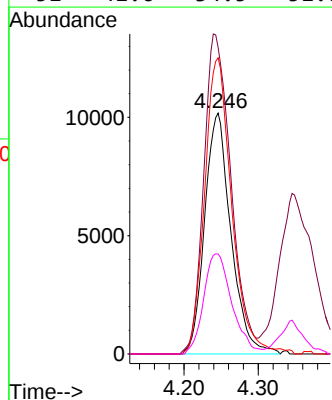
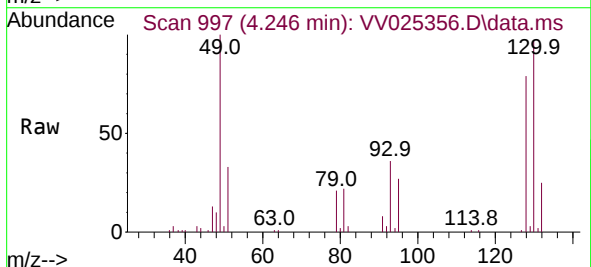
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005368

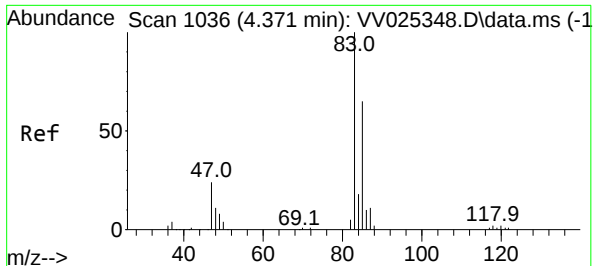
Tgt Ion: 96 Resp: 58153
 Ion Ratio Lower Upper
 96 100
 61 110.2 84.1 156.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.595 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VV025356.D
 Acq: 06 Apr 2022 10:16

Tgt Ion: 128 Resp: 24983
 Ion Ratio Lower Upper
 128 100
 49 127.4 101.4 188.4
 130 123.0 85.0 158.0
 51 41.6 34.5 51.7





#25

Chloroform

Concen: 5.384 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV025356.D

Acq: 06 Apr 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

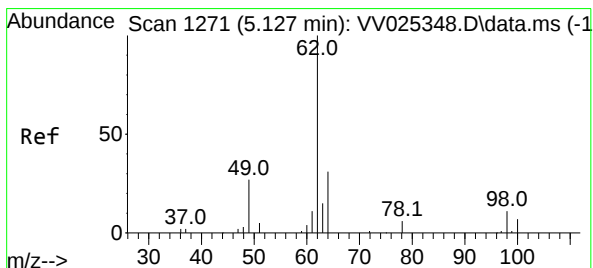
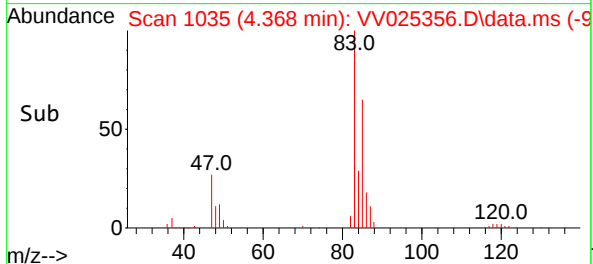
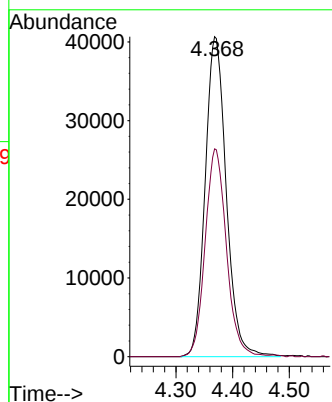
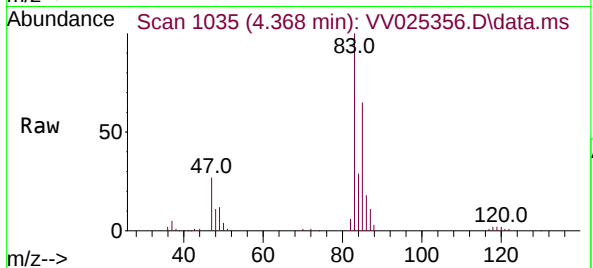
VSTD005368

Tgt Ion: 83 Resp: 105068

Ion Ratio Lower Upper

83 100

85 65.0 44.7 82.9



#27

1,2-Dichloroethane

Concen: 5.341 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV025356.D

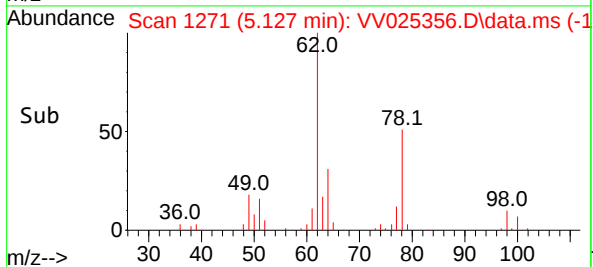
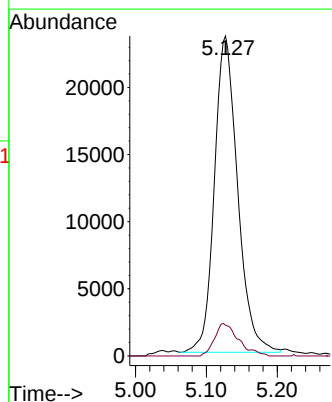
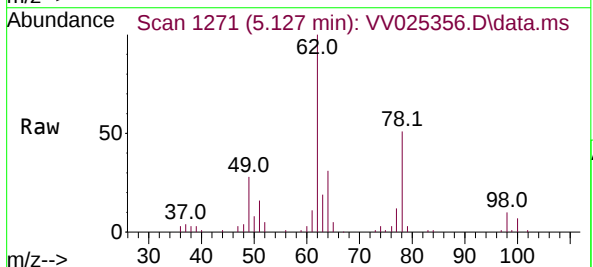
Acq: 06 Apr 2022 10:16

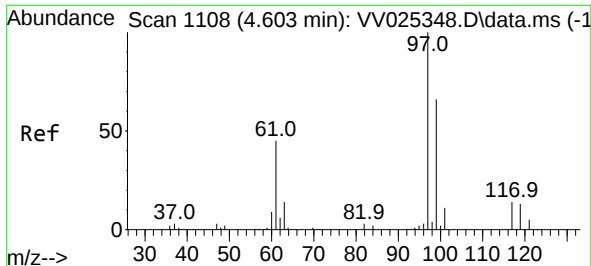
Tgt Ion: 62 Resp: 53822

Ion Ratio Lower Upper

62 100

98 9.6 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.621 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV025356.D

Acq: 06 Apr 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005368

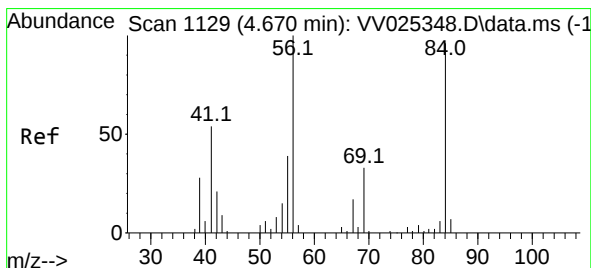
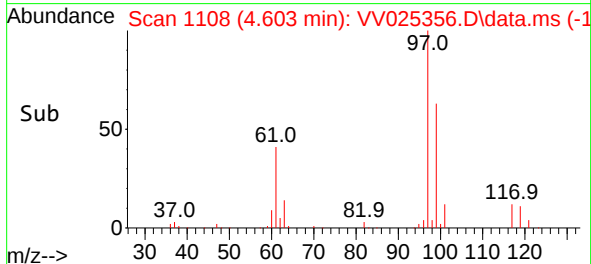
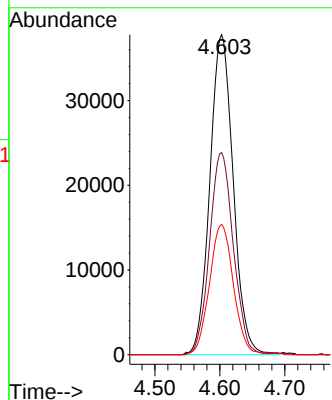
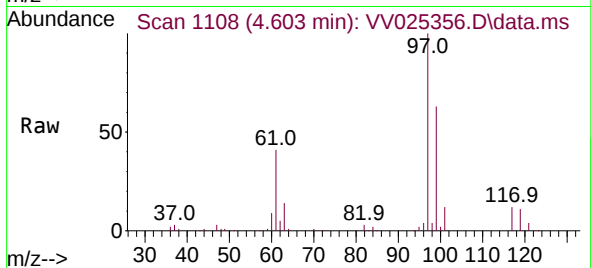
Tgt Ion: 97 Resp: 94276

Ion Ratio Lower Upper

97 100

99 64.4 51.9 77.9

61 41.7 34.2 51.2



#30

Cyclohexane

Concen: 4.902 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV025356.D

Acq: 06 Apr 2022 10:16

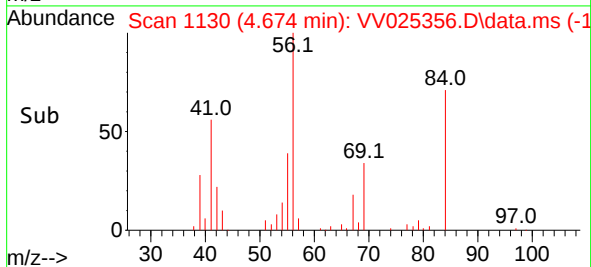
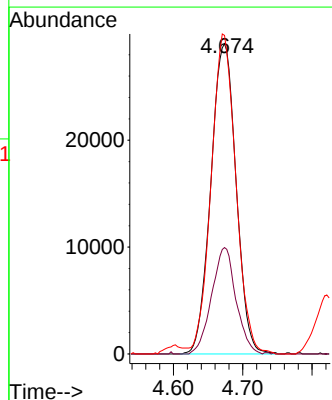
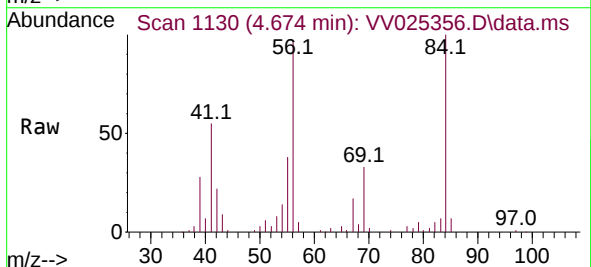
Tgt Ion: 56 Resp: 73532

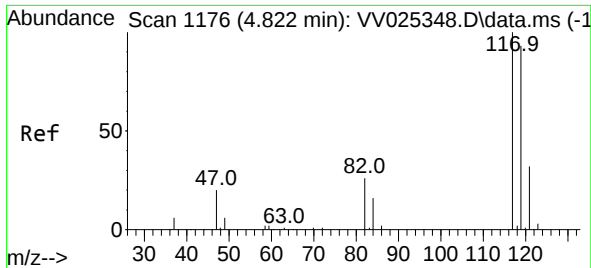
Ion Ratio Lower Upper

56 100

69 33.0 25.3 37.9

84 100.7 78.4 117.6

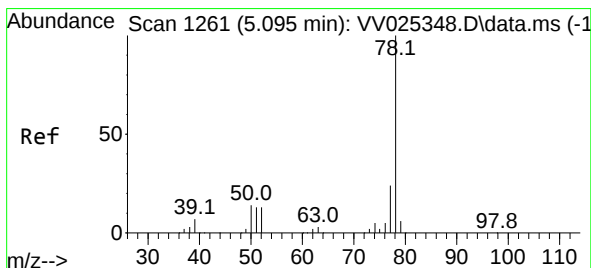
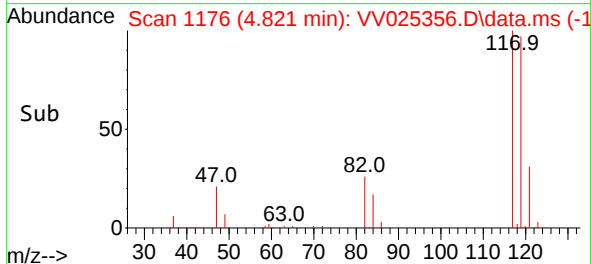
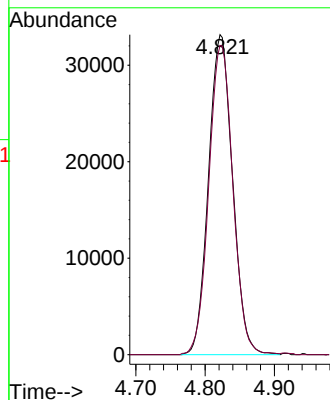
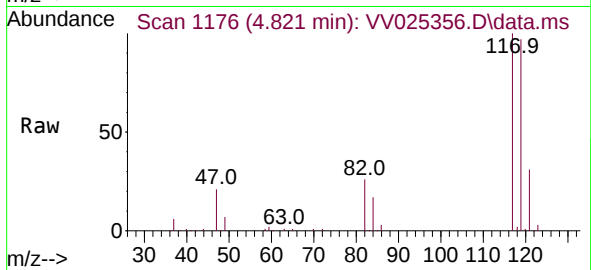




#31
Carbon tetrachloride
Concen: 5.509 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

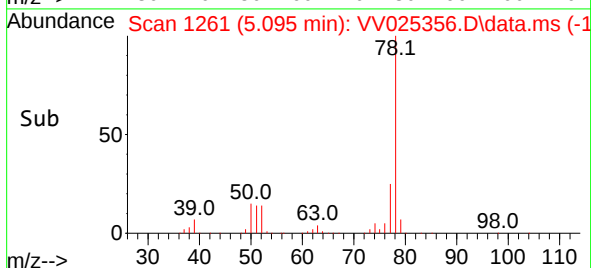
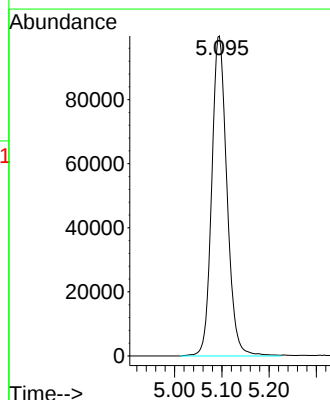
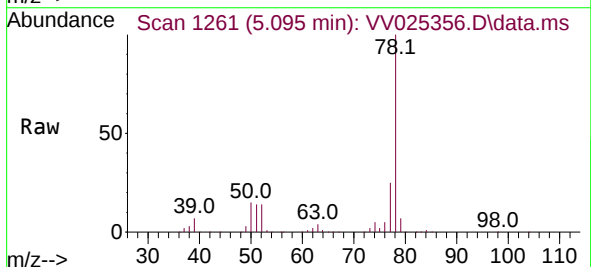
Instrument :
MSVOA_V
ClientSampleId :
VSTD005368

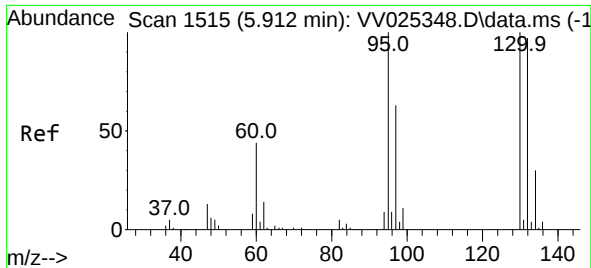
Tgt Ion:117 Resp: 79977
Ion Ratio Lower Upper
117 100
119 96.9 77.8 116.6



#33
Benzene
Concen: 5.502 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

Tgt Ion: 78 Resp: 223888



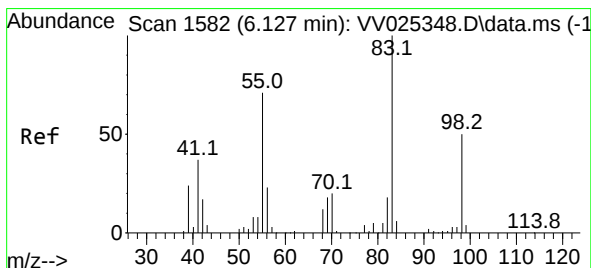
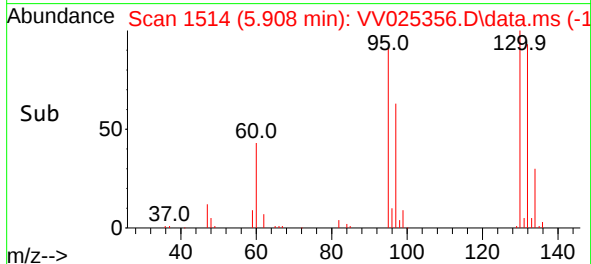
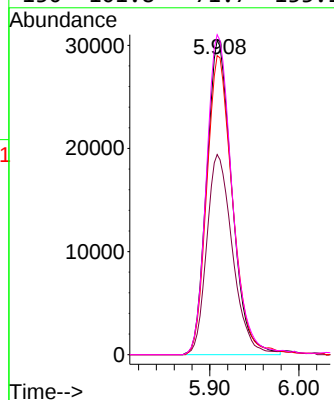
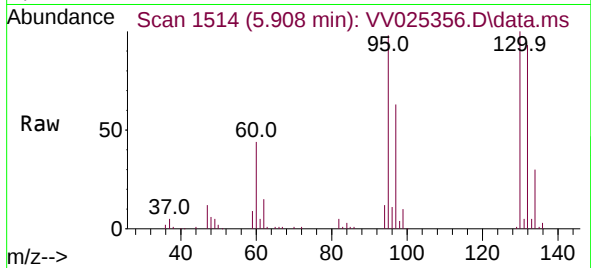


#34
Trichloroethene
Concen: 5.363 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

Instrument :
MSVOA_V
ClientSampleId :
VSTD005368

Tgt Ion: 95 Resp: 59918

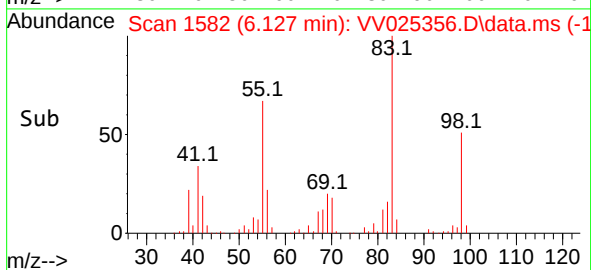
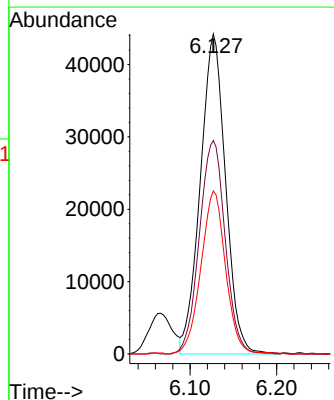
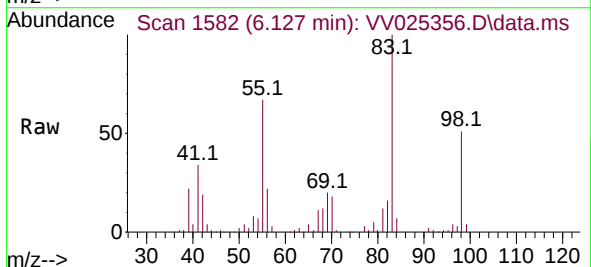
Ion	Ratio	Lower	Upper
95	100		
97	63.7	46.3	85.9
132	95.1	65.2	121.2
130	101.8	71.7	133.1

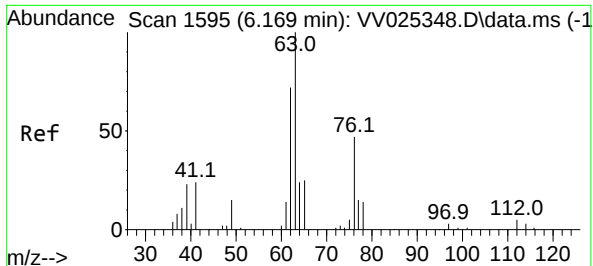


#35
Methylcyclohexane
Concen: 5.115 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

Tgt Ion: 83 Resp: 89539

Ion	Ratio	Lower	Upper
83	100		
55	68.2	54.6	81.8
98	49.9	39.8	59.6





#37

1,2-Dichloropropane

Concen: 5.296 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025356.D

Acq: 06 Apr 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

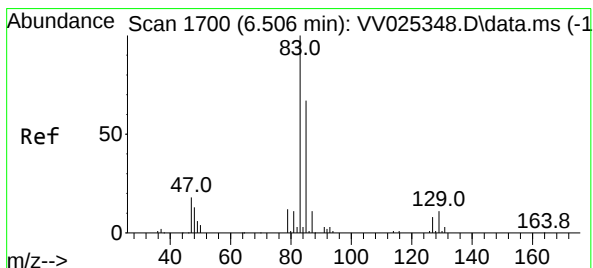
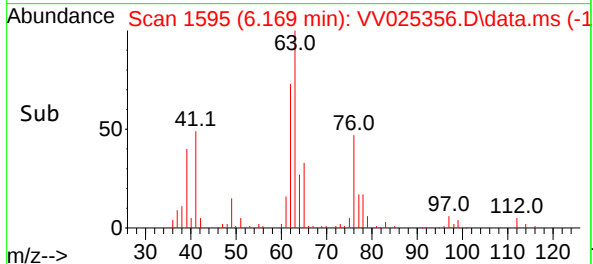
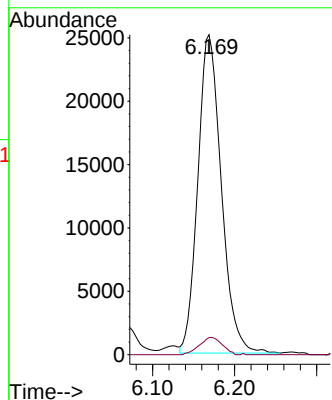
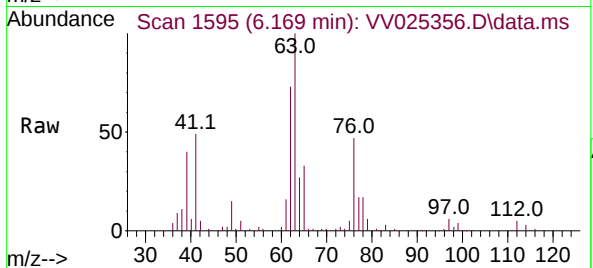
VSTD005368

Tgt Ion: 63 Resp: 49982

Ion Ratio Lower Upper

63 100

112 5.3 4.2 6.2



#38

Bromodichloromethane

Concen: 5.674 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV025356.D

Acq: 06 Apr 2022 10:16

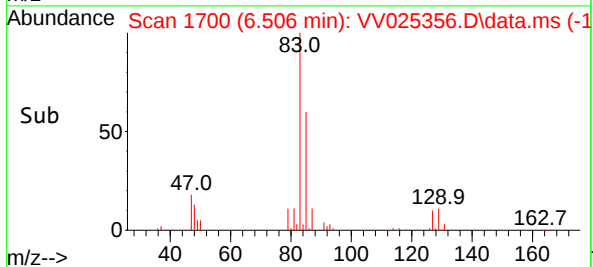
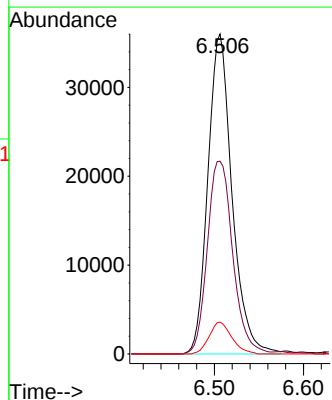
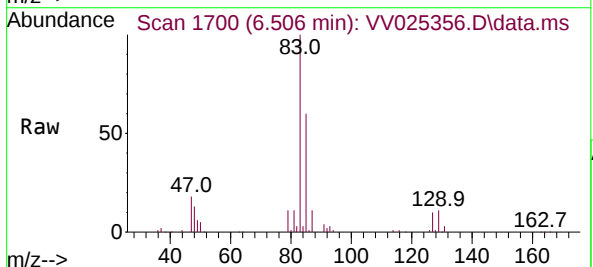
Tgt Ion: 83 Resp: 67846

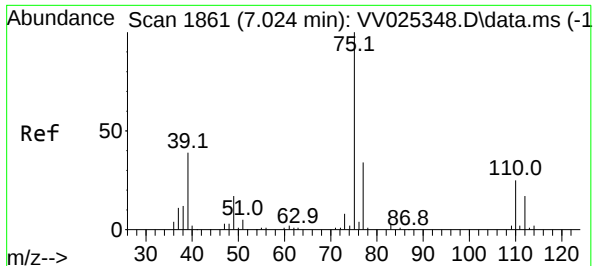
Ion Ratio Lower Upper

83 100

85 60.2 47.2 87.6

127 10.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.303 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV025356.D

Acq: 06 Apr 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

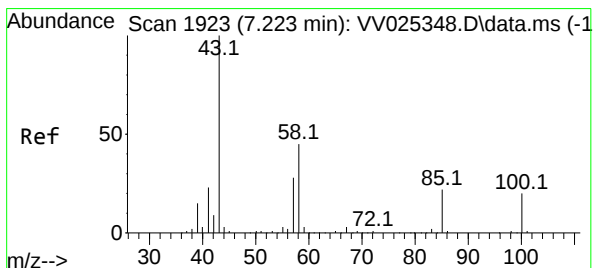
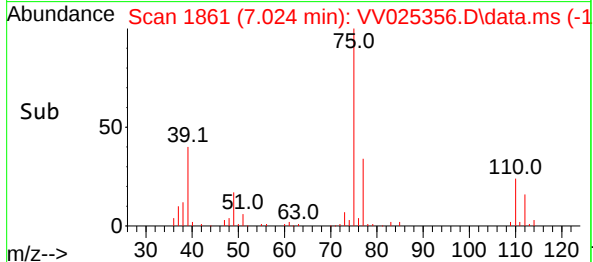
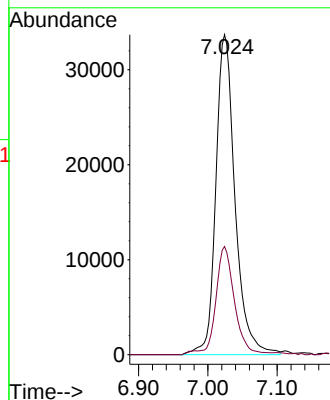
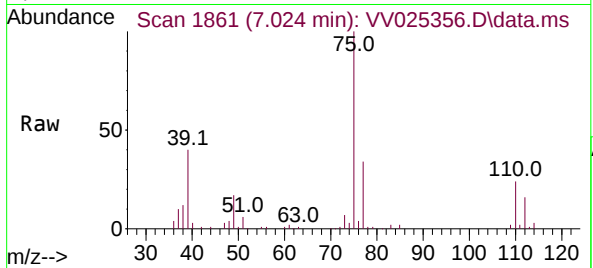
VSTD005368

Tgt Ion: 75 Resp: 64897

Ion Ratio Lower Upper

75 100

77 33.8 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 54.886 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV025356.D

Acq: 06 Apr 2022 10:16

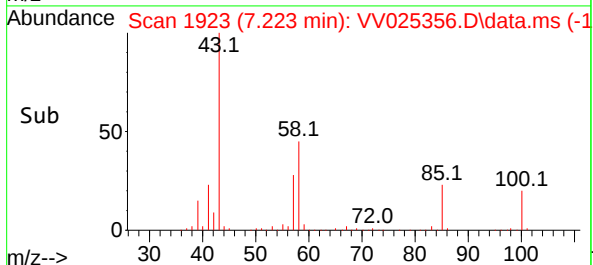
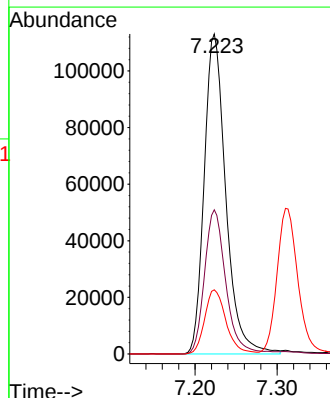
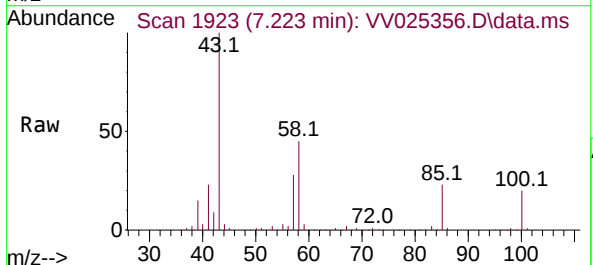
Tgt Ion: 43 Resp: 206832

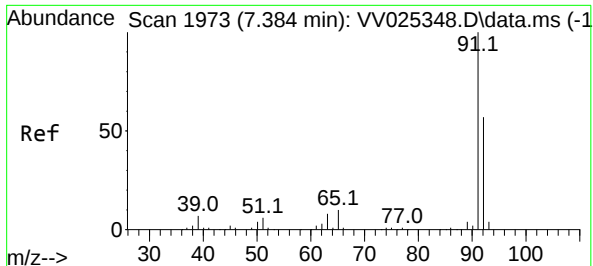
Ion Ratio Lower Upper

43 100

58 44.6 35.1 52.7

100 19.8 15.5 23.3





#42

Toluene

Concen: 5.659 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV025356.D

Acq: 06 Apr 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

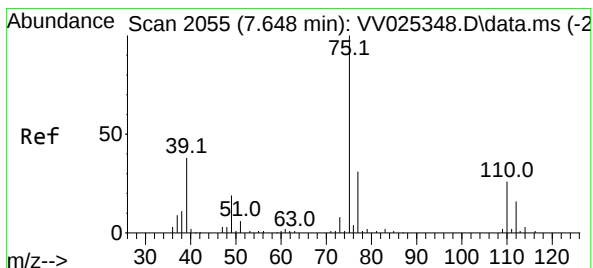
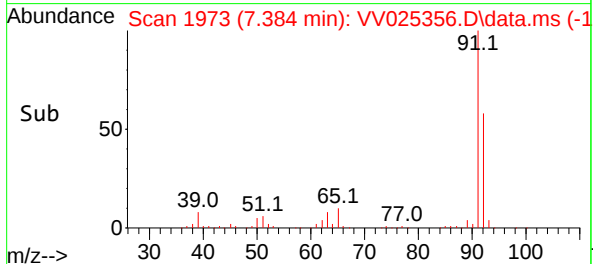
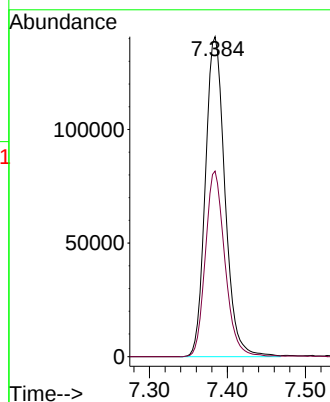
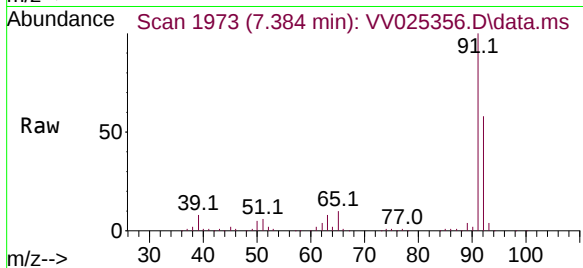
VSTD005368

Tgt Ion: 91 Resp: 245822

Ion Ratio Lower Upper

91 100

92 58.0 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.382 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV025356.D

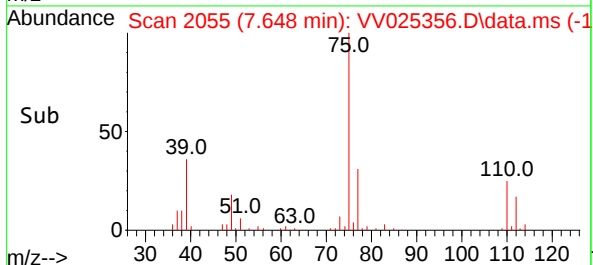
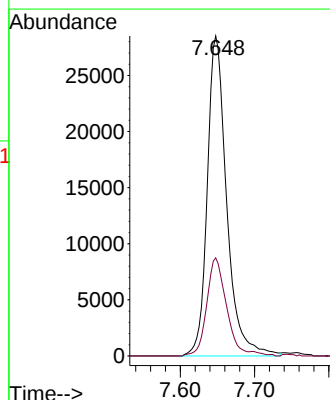
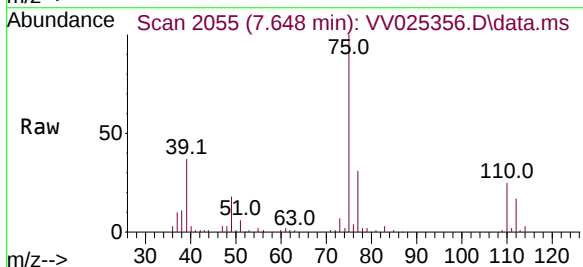
Acq: 06 Apr 2022 10:16

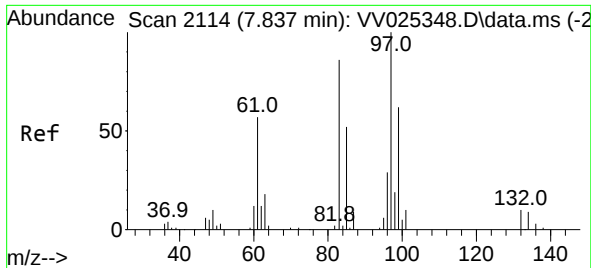
Tgt Ion: 75 Resp: 51777

Ion Ratio Lower Upper

75 100

77 30.6 24.2 45.0





#45

1,1,2-Trichloroethane

Concen: 5.754 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VV025356.D

Acq: 06 Apr 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005368

Tgt Ion: 97 Resp: 37181

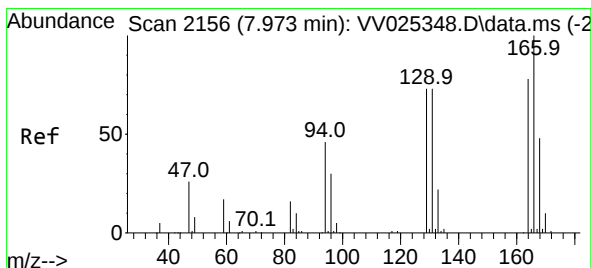
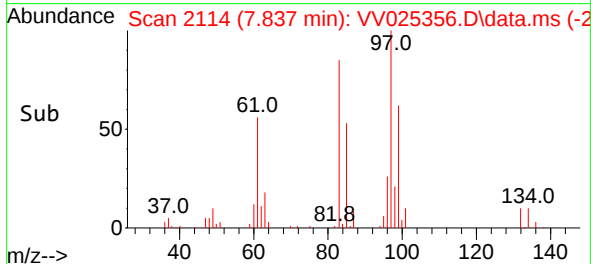
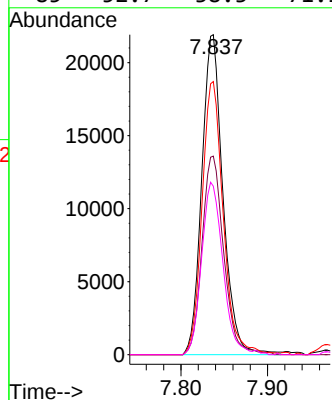
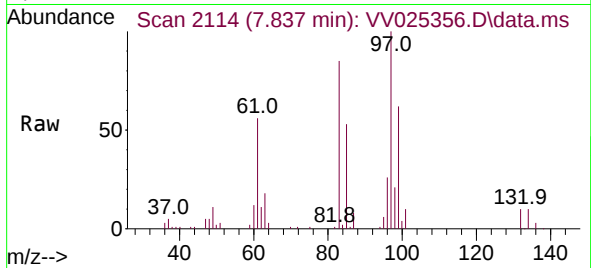
Ion Ratio Lower Upper

97 100

99 62.1 43.3 80.5

83 85.4 58.0 107.6

85 52.7 38.3 71.1



#47

Tetrachloroethene

Concen: 5.654 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV025356.D

Acq: 06 Apr 2022 10:16

Tgt Ion:164 Resp: 46579

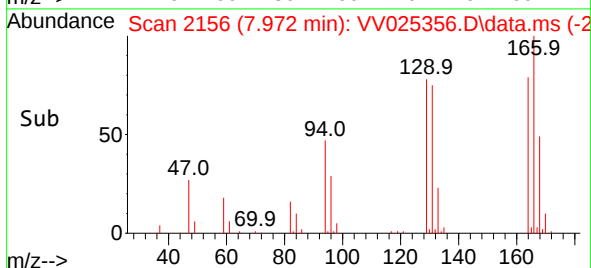
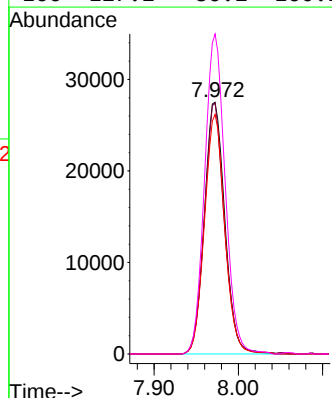
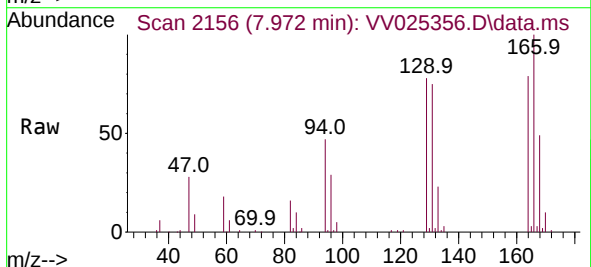
Ion Ratio Lower Upper

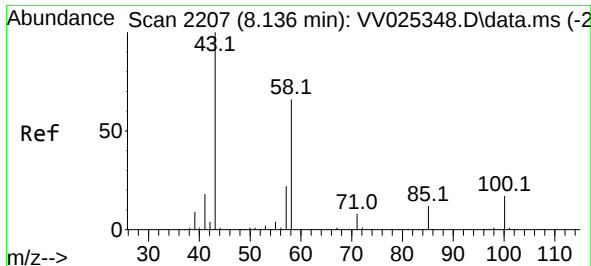
164 100

129 99.7 67.5 125.4

131 95.2 68.0 126.4

166 127.2 86.2 160.2

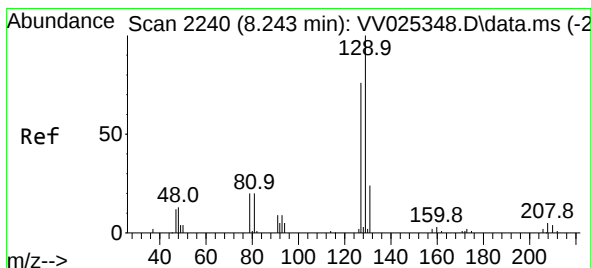
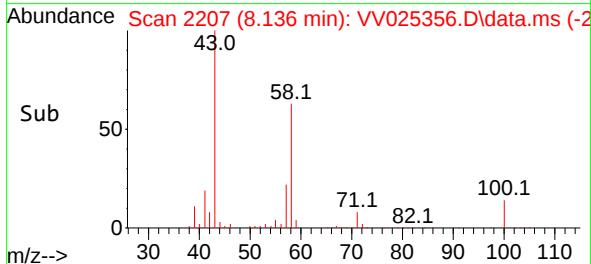
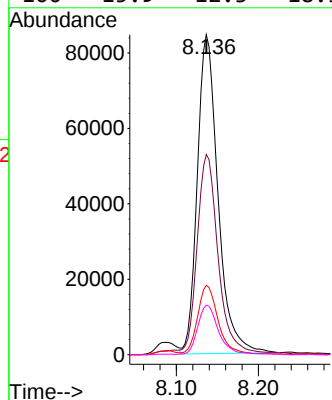
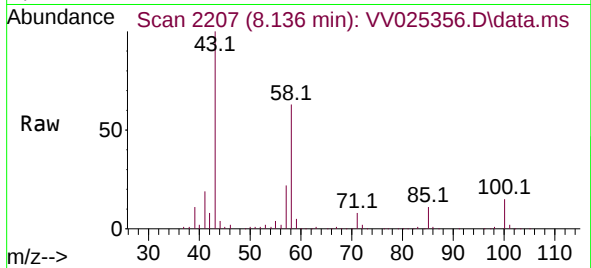




#48
2-Hexanone
Concen: 55.109 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

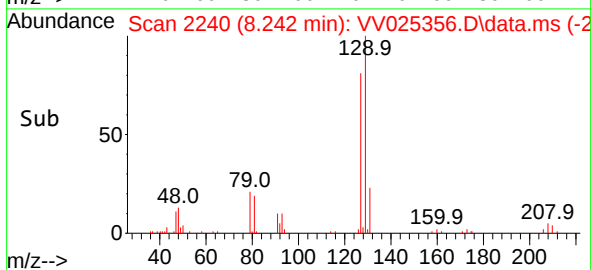
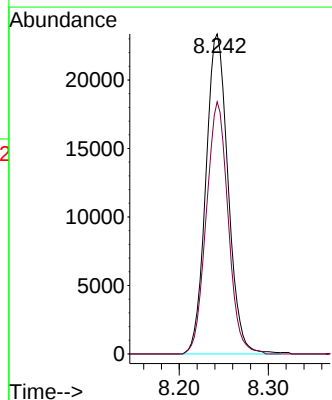
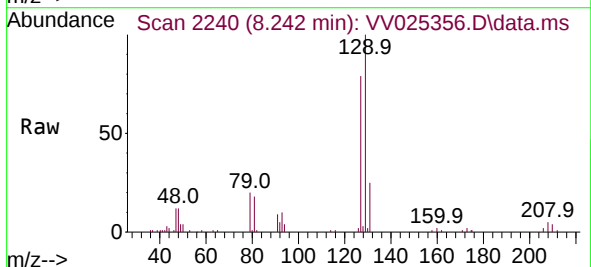
Instrument :
MSVOA_V
ClientSampleId :
VSTD005368

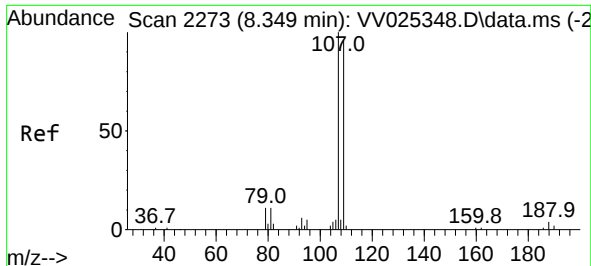
Tgt Ion: 43	Resp: 148529
Ion Ratio	Lower Upper
43 100	
58 65.5	48.5 72.7
57 22.1	16.9 25.3
100 15.9	12.3 18.5



#49
Dibromochloromethane
Concen: 5.822 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

Tgt Ion:129	Resp:	40488	
Ion	Ratio	Lower	Upper
129	100		
127	78.8	54.1	100.5





#50

1,2-Dibromoethane

Concen: 5.463 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025356.D

Acq: 06 Apr 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005368

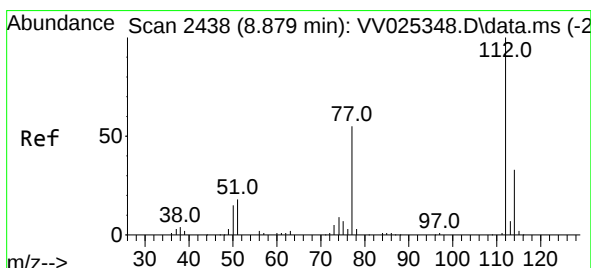
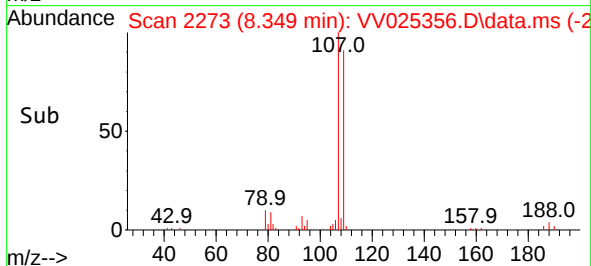
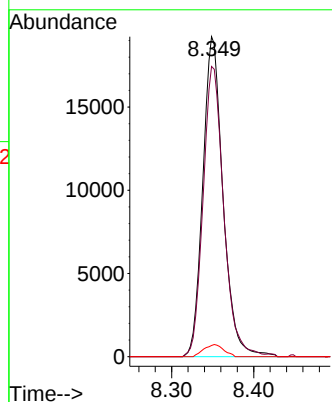
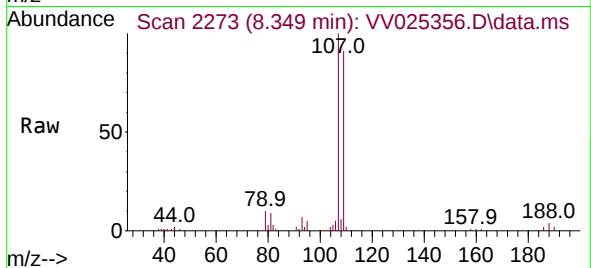
Tgt Ion:107 Resp: 32893

Ion Ratio Lower Upper

107 100

109 90.7 64.7 120.1

188 3.5 2.2 3.4#



#51

Chlorobenzene

Concen: 5.509 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV025356.D

Acq: 06 Apr 2022 10:16

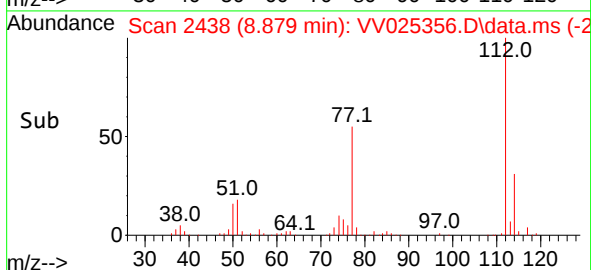
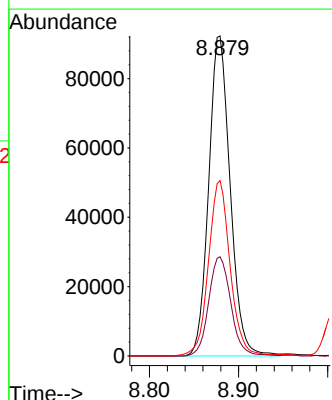
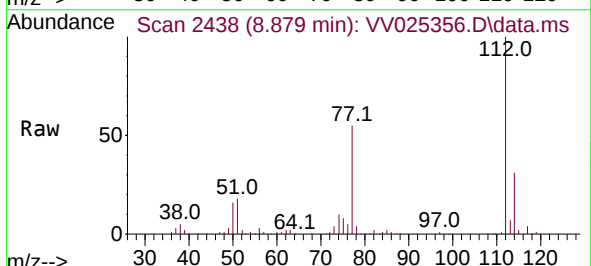
Tgt Ion:112 Resp: 154533

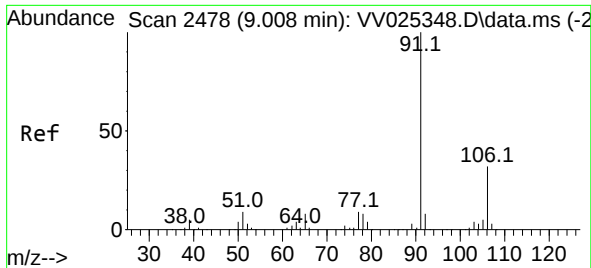
Ion Ratio Lower Upper

112 100

114 31.0 21.9 40.7

77 54.8 44.2 66.4

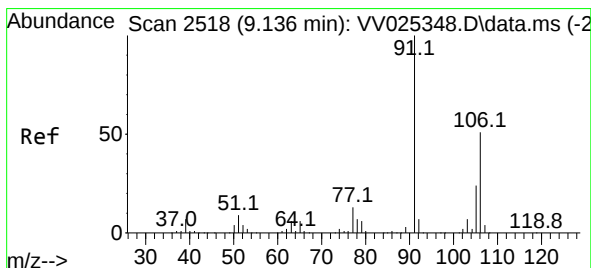
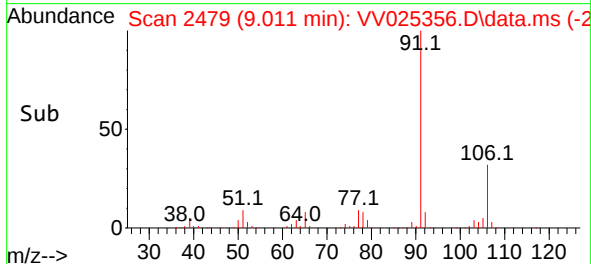
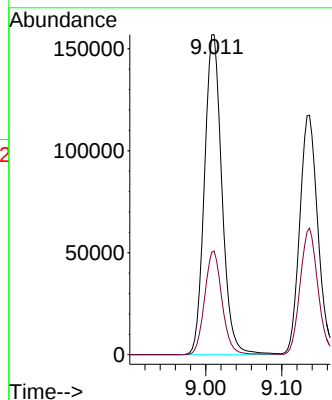
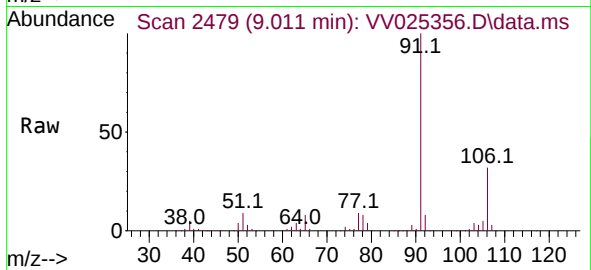




#52
Ethylbenzene
Concen: 5.443 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

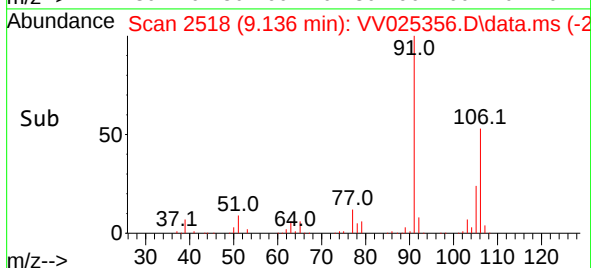
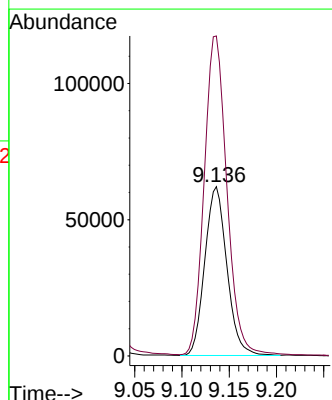
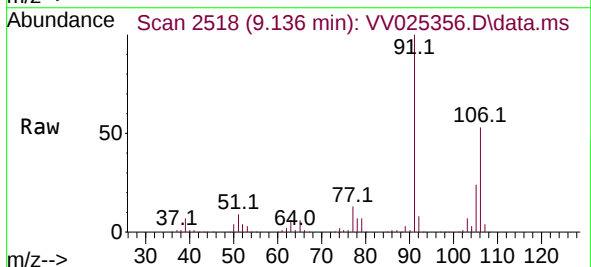
Instrument :
MSVOA_V
ClientSampleId :
VSTD005368

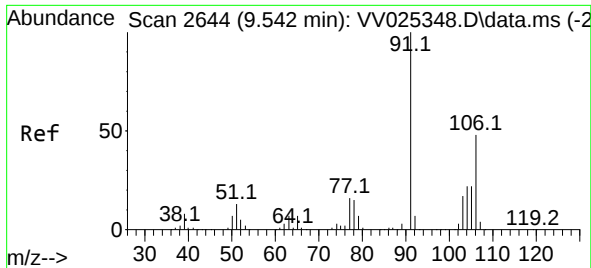
Tgt Ion: 91 Resp: 250743
Ion Ratio Lower Upper
91 100
106 32.4 21.7 40.3



#53
m,p-Xylene
Concen: 5.613 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

Tgt Ion:106 Resp: 100572
Ion Ratio Lower Upper
106 100
91 189.1 136.8 254.0

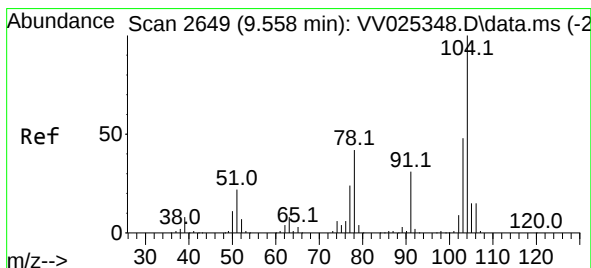
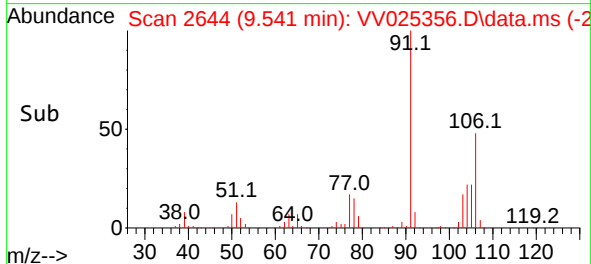
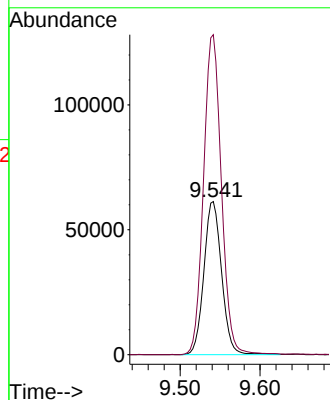
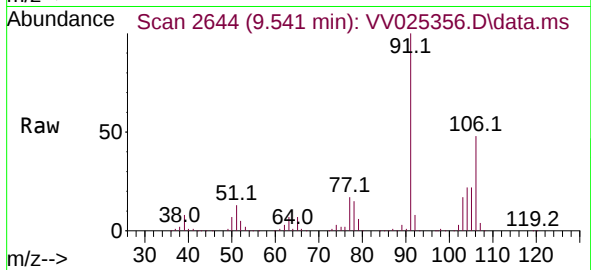




#54
o-Xylene
Concen: 5.531 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

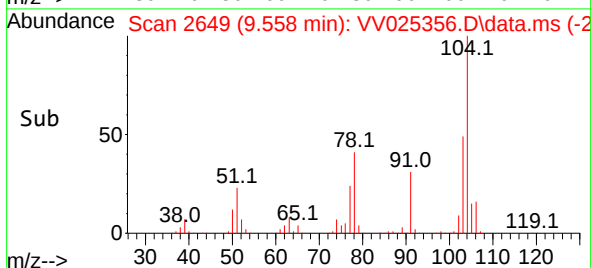
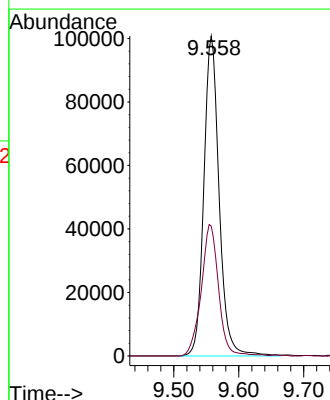
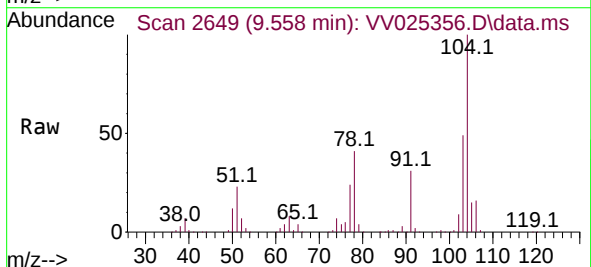
Instrument : MSVOA_V
ClientSampleId : VSTD005368

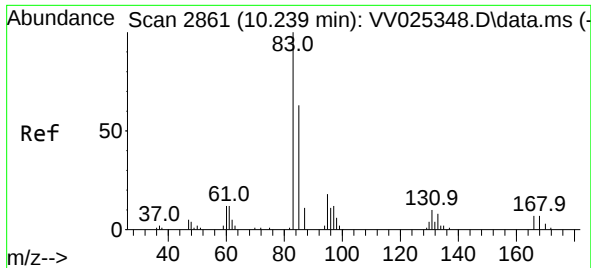
Tgt Ion:106 Resp: 94737
Ion Ratio Lower Upper
106 100
91 208.9 143.0 265.6



#55
Styrene
Concen: 5.869 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

Tgt Ion:104 Resp: 165284
Ion Ratio Lower Upper
104 100
78 40.6 30.1 55.9

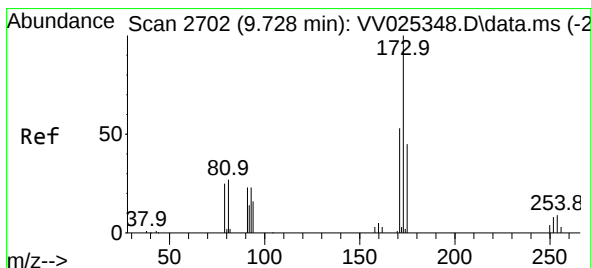
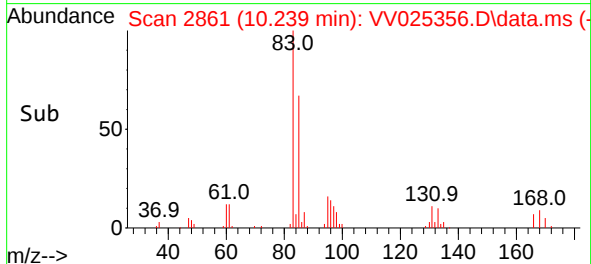
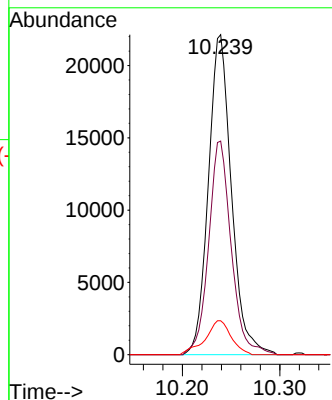
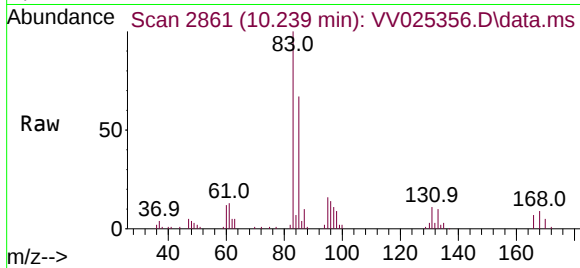




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.404 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV025356.D
 Acq: 06 Apr 2022 10:16

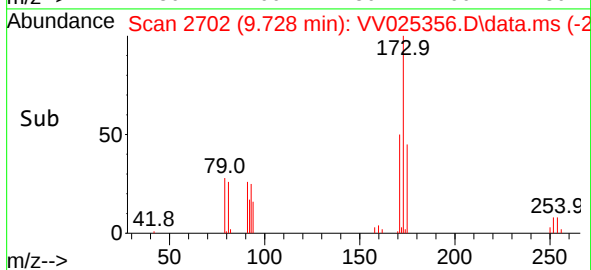
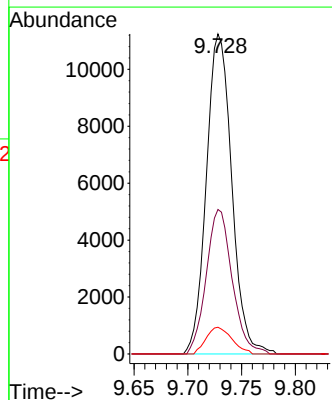
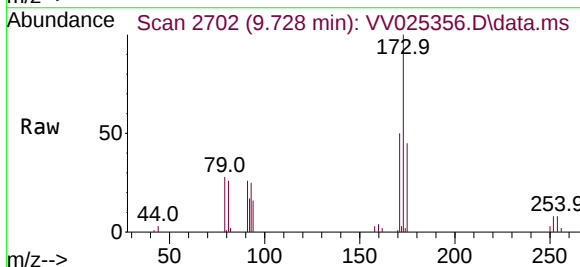
Instrument : MSVOA_V
 ClientSampleId : VSTD005368

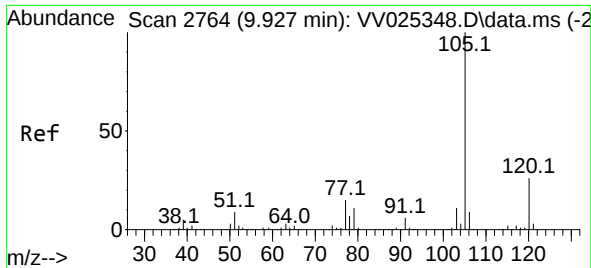
Tgt Ion: 83 Resp: 36404
 Ion Ratio Lower Upper
 83 100
 85 66.7 46.2 85.8
 131 10.6 8.1 12.1



#59
 Bromoform
 Concen: 6.317 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV025356.D
 Acq: 06 Apr 2022 10:16

Tgt Ion: 173 Resp: 18457
 Ion Ratio Lower Upper
 173 100
 175 46.1 39.4 59.0
 254 8.5 5.6 8.4

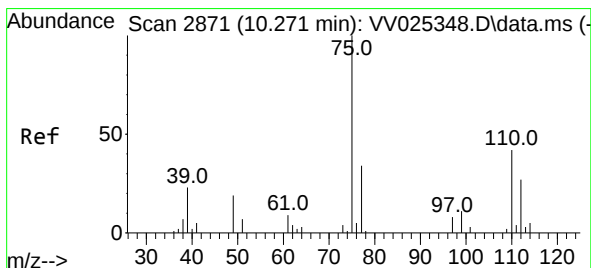
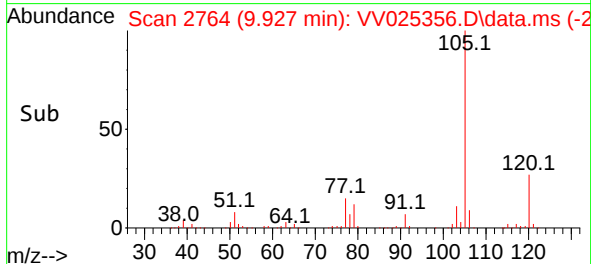
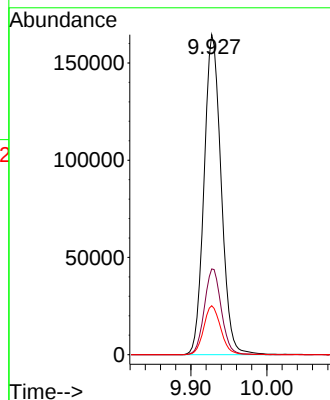
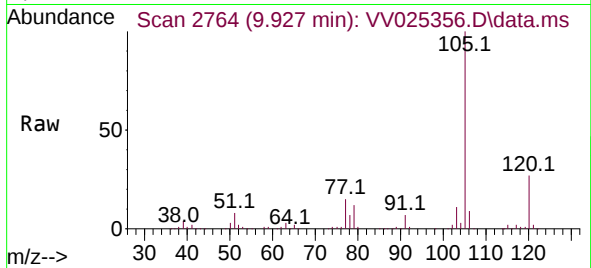




#60
Isopropylbenzene
Concen: 5.422 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

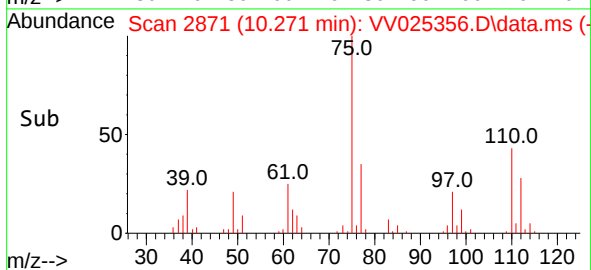
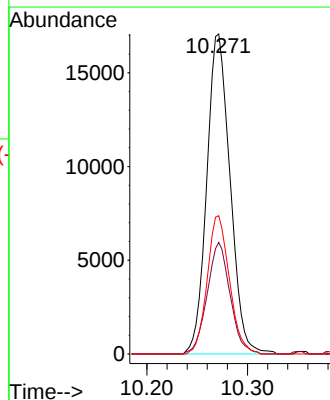
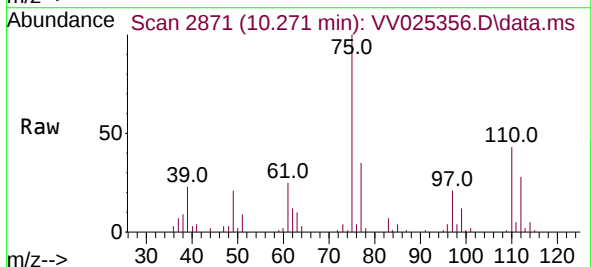
Instrument :
MSVOA_V
ClientSampleId :
VSTD005368

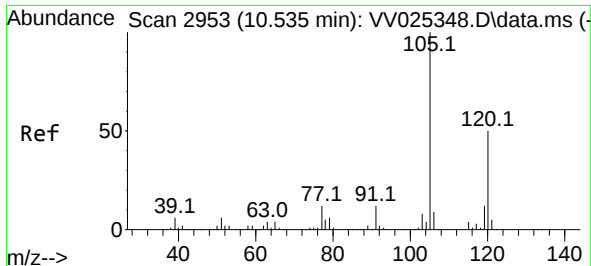
Tgt Ion:105 Resp: 257026
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 15.3 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.088 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

Tgt Ion: 75 Resp: 27518
Ion Ratio Lower Upper
75 100
77 34.2 25.8 38.6
110 41.2 31.6 47.4

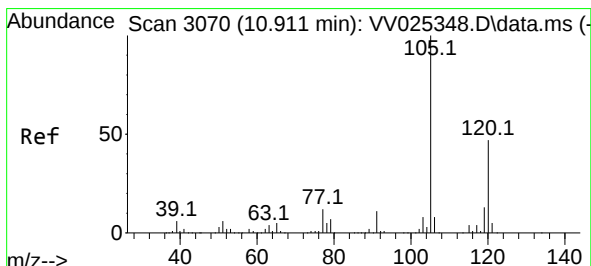
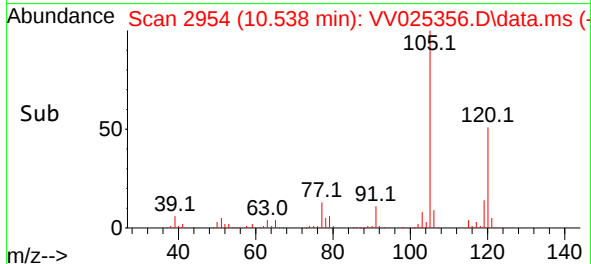
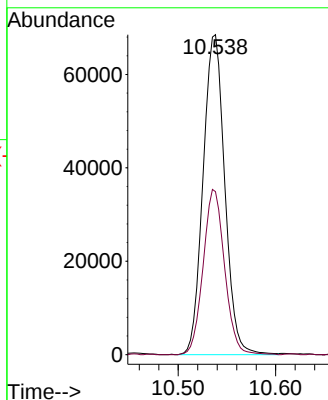
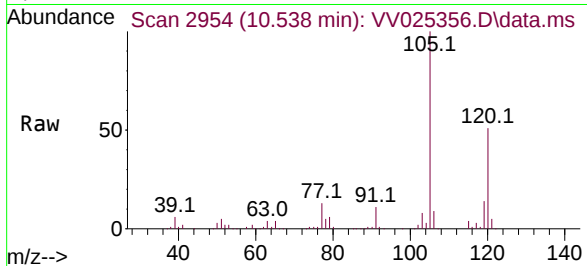




#62
1,3,5-Trimethylbenzene
Concen: 4.993 ug/L
RT: 10.538 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

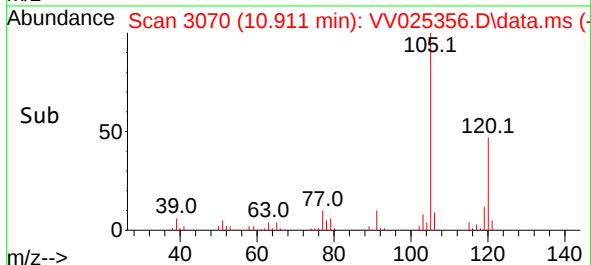
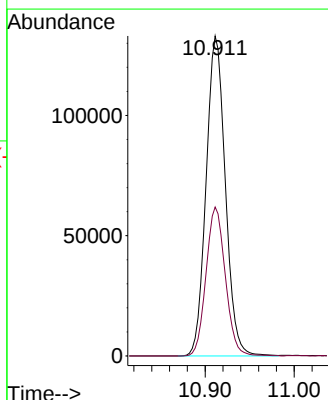
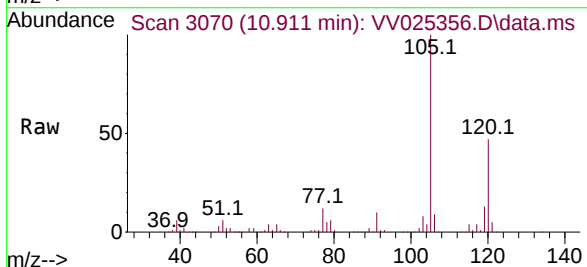
Instrument :
MSVOA_V
ClientSampleId :
VSTD005368

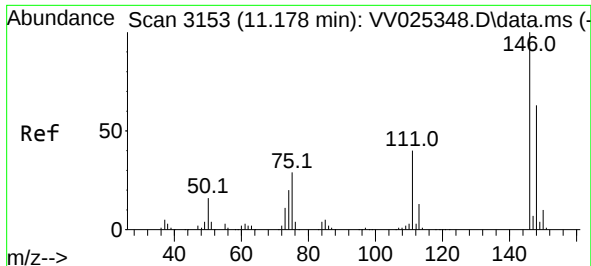
Tgt Ion:105 Resp: 106135
Ion Ratio Lower Upper
105 100
120 51.0 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 5.256 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

Tgt Ion:105 Resp: 199318
Ion Ratio Lower Upper
105 100
120 46.7 36.5 54.7

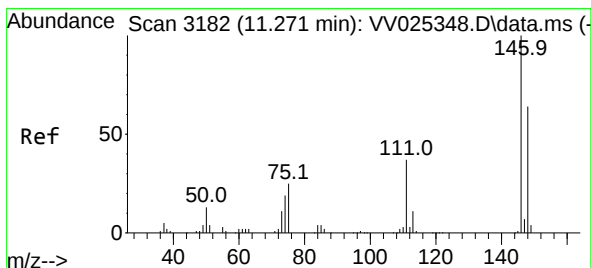
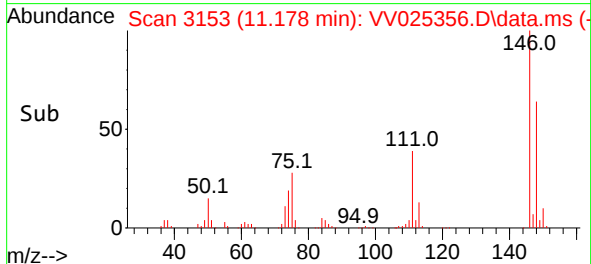
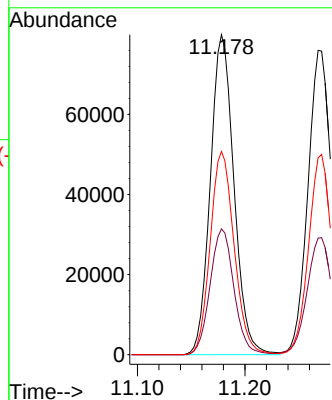
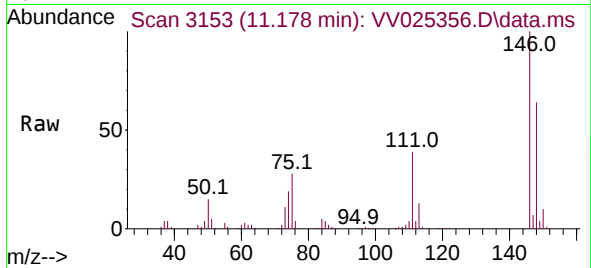




#64
1,3-Dichlorobenzene
Concen: 5.489 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

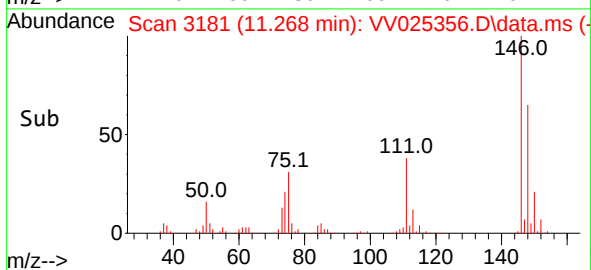
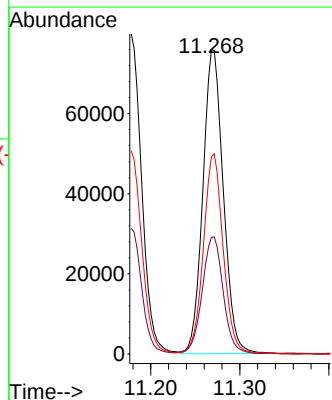
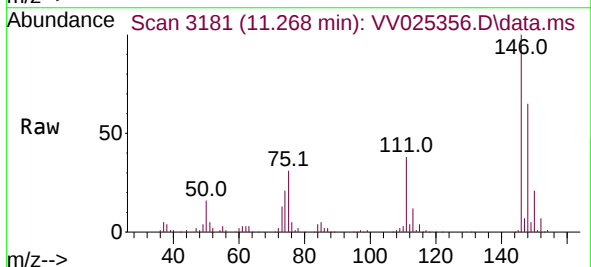
Instrument :
MSVOA_V
ClientSampleId :
VSTD005368

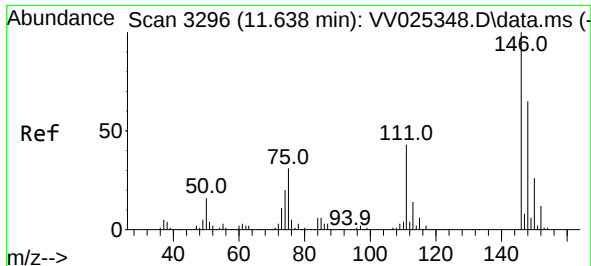
Tgt Ion:146 Resp: 121856
Ion Ratio Lower Upper
146 100
111 39.3 29.0 53.8
148 63.5 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.448 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

Tgt Ion:146 Resp: 121116
Ion Ratio Lower Upper
146 100
111 38.3 27.9 51.9
148 64.7 45.6 84.8

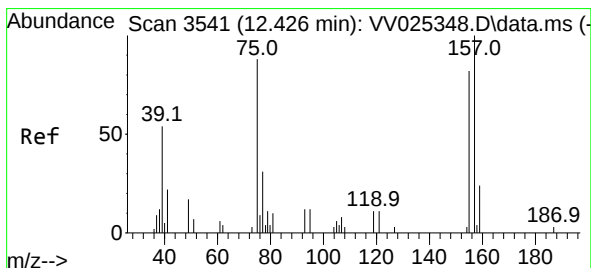
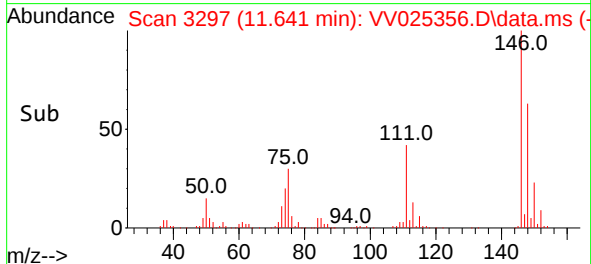
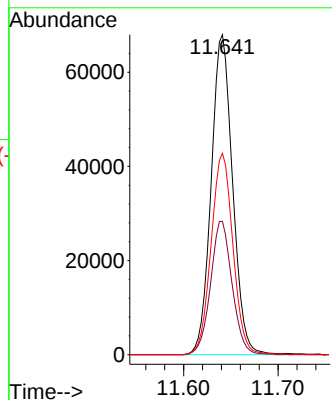
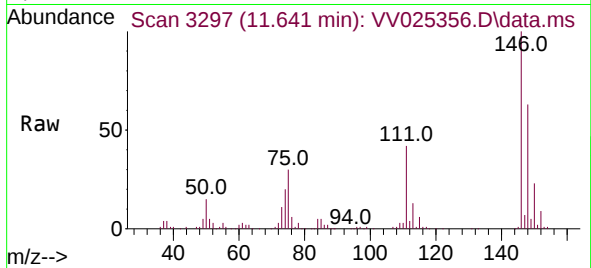




#67
1,2-Dichlorobenzene
Concen: 5.477 ug/L
RT: 11.641 min Scan# 3296
Delta R.T. 0.003 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

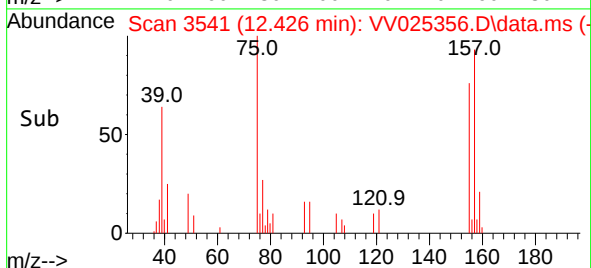
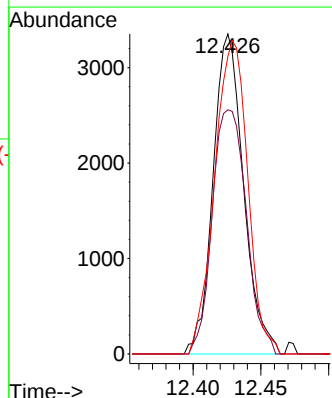
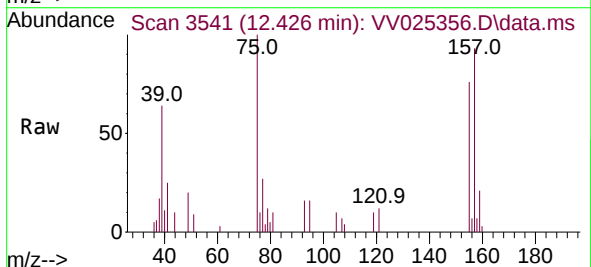
Instrument :
MSVOA_V
ClientSampleId :
VSTD005368

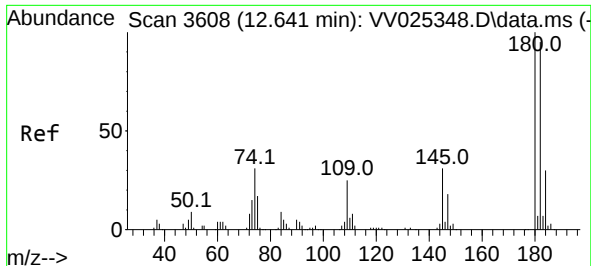
Tgt Ion:146 Resp: 107013
Ion Ratio Lower Upper
146 100
111 41.7 33.0 49.6
148 63.0 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.418 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

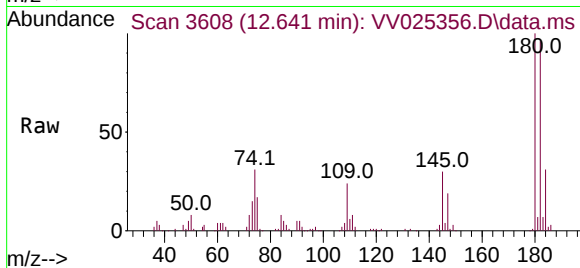
Tgt Ion: 75 Resp: 5246
Ion Ratio Lower Upper
75 100
155 76.3 80.0 120.0#
157 93.0 94.5 141.7#



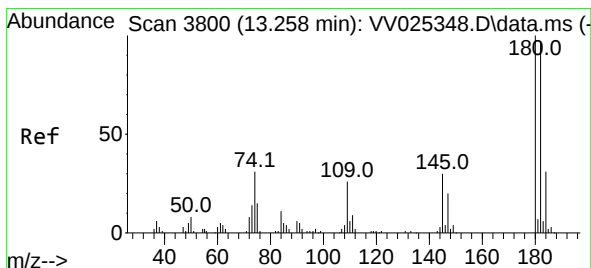
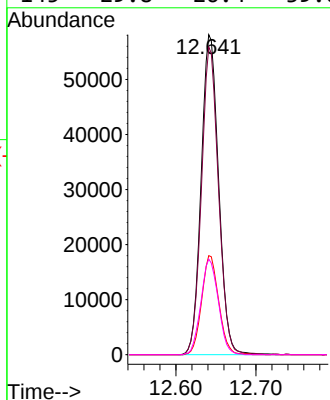
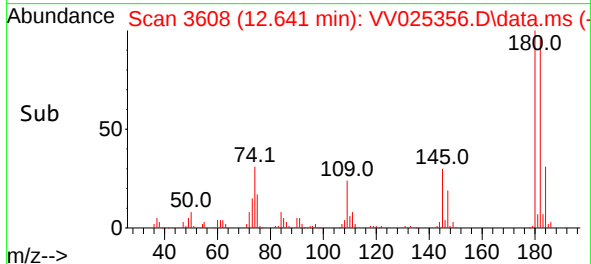


#69
 1,3,5-Trichlorobenzene
 Concen: 5.515 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV025356.D
 Acq: 06 Apr 2022 10:16

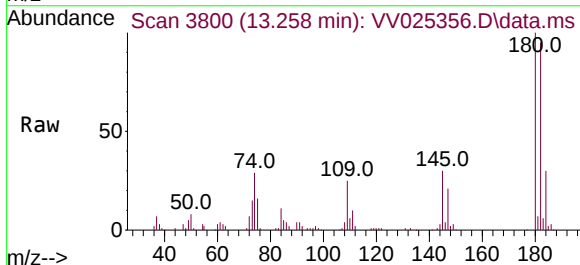
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005368



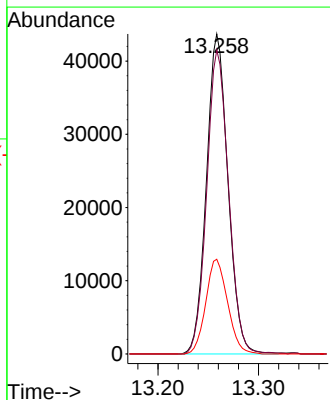
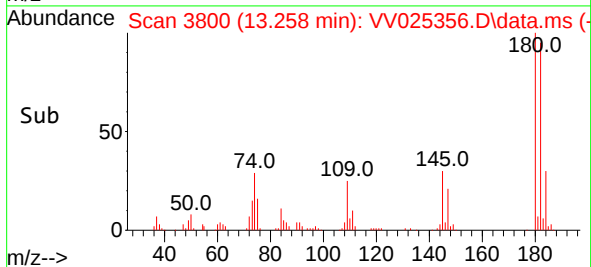
Tgt Ion:180 Resp: 88317
 Ion Ratio Lower Upper
 180 100
 182 93.9 77.1 115.7
 184 30.3 23.6 35.4
 145 29.8 26.4 39.6

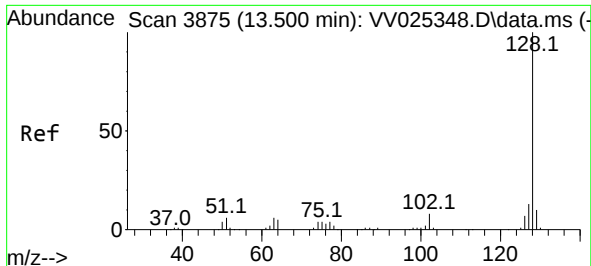


#70
 1,2,4-trichlorobenzene
 Concen: 5.391 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025356.D
 Acq: 06 Apr 2022 10:16



Tgt Ion:180 Resp: 65139
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.5 116.3
 145 29.9 26.2 39.4

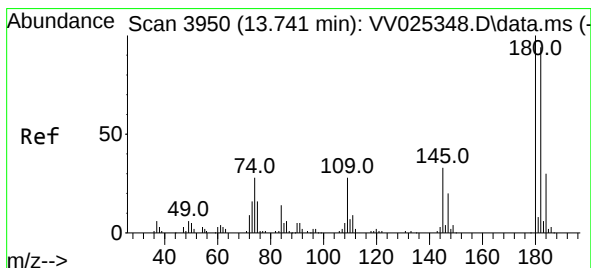
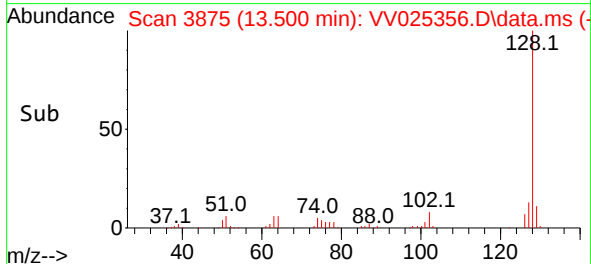
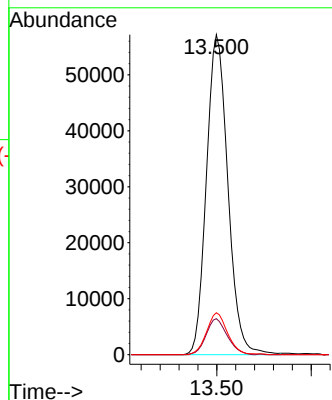
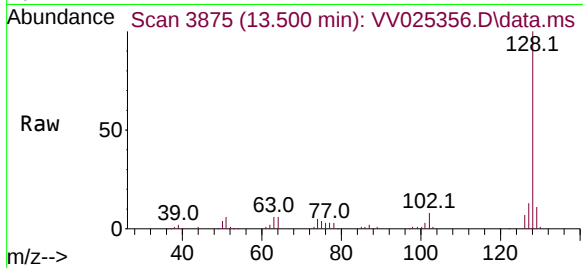




#71
Naphthalene
Concen: 4.784 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

Instrument :
MSVOA_V
ClientSampleId :
VSTD005368

Tgt Ion:128 Resp: 90100
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.8 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.349 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025356.D
Acq: 06 Apr 2022 10:16

Tgt Ion:180 Resp: 55686
Ion Ratio Lower Upper
180 100
182 95.7 75.8 113.6
145 33.1 28.6 42.8

