

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040522\
 Data File : VW025348.D
 Acq On : 05 Apr 2022 10:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005366

Quant Time: Apr 06 01:22:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 05 01:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	173916	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	168131	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84744	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63736	3.923	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.568	69	58084	4.260	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.108	63	145586	4.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	3.902	46	61462	37.981	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.960%
24) Chloroform-d	4.346	84	94433	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.031	65	39970	4.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.043	84	173925	4.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.066	67	48778	4.092	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.310	98	159520	4.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.619	79	16408	4.219	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.088	63	59852	42.614	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.220%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35022	4.406	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	56478	4.150	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	80850	4.654	ug/L	98
3) Chloromethane	1.240	50	97115	4.740	ug/L	98
5) Vinyl chloride	1.310	62	106640	4.660	ug/L	98
6) Bromomethane	1.523	94	67402	4.962	ug/L	99
8) Chloroethane	1.584	64	68828	4.793	ug/L	98
9) Trichlorofluoromethane	1.751	101	152076	4.916	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	89012	4.844	ug/L	99
12) 1,1-Dichloroethene	2.117	96	86114	4.918	ug/L	94
13) Acetone	2.195	43	48139	38.985	ug/L	86
14) Carbon disulfide	2.291	76	177020	4.880	ug/L	100
15) Methyl Acetate	2.439	43	9987	3.553	ug/L #	82
16) Methylene chloride	2.503	84	63329	4.606	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	110627	4.994	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	61616	4.903	ug/L	99
19) 1,1-Dichloroethane	3.185	63	103814	4.948	ug/L	99
21) 2-Butanone	3.982	43	60822	35.796	ug/L #	69
22) cis-1,2-Dichloroethene	3.908	96	62971	4.932	ug/L	94
23) Bromochloromethane	4.246	128	27554	5.174	ug/L	93
25) Chloroform	4.371	83	115620	4.967	ug/L	98

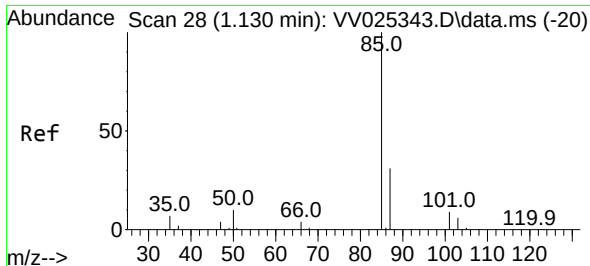
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040522\
 Data File : VW025348.D
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Instrument :
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 ClientSampleId :
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Quant Time: Apr 06 01:22:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	58075	4.831	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	100894	4.963	ug/L	99
30) Cyclohexane	4.670	56	81395	4.477	ug/L	100
31) Carbon tetrachloride	4.822	117	86222	4.900	ug/L	99
33) Benzene	5.095	78	245601	4.980	ug/L	100
34) Trichloroethene	5.912	95	65163	4.812	ug/L	97
35) Methylcyclohexane	6.127	83	96159	4.532	ug/L	99
37) 1,2-Dichloropropane	6.169	63	56114	4.905	ug/L	100
38) Bromodichloromethane	6.506	83	75445	5.206	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	70980	4.785	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	227983	49.913	ug/L	100
42) Toluene	7.384	91	267178	5.075	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	56768	4.868	ug/L	94
45) 1,1,2-Trichloroethane	7.837	97	40676	5.193	ug/L	97
47) Tetrachloroethene	7.973	164	51353	5.143	ug/L	96
48) 2-Hexanone	8.136	43	161989	49.586	ug/L	97
49) Dibromochloromethane	8.243	129	44728	5.306	ug/L	98
50) 1,2-Dibromoethane	8.349	107	35647	4.885	ug/L #	96
51) Chlorobenzene	8.879	112	170411	5.012	ug/L	99
52) Ethylbenzene	9.008	91	278677	4.991	ug/L	98
53) m,p-Xylene	9.136	106	110897	5.106	ug/L	98
54) o-Xylene	9.542	106	105593	5.086	ug/L	97
55) Styrene	9.558	104	183472	5.374	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	39954	4.893	ug/L	98
59) Bromoform	9.728	173	20978	6.056	ug/L	98
60) Isopropylbenzene	9.927	105	279322	4.970	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	30483	4.754	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	119138	4.727	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	225395	5.013	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	134528	5.111	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	130404	4.947	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	117806	5.086	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	5477	4.771	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	96988	5.108	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	72237	5.042	ug/L	98
71) Naphthalene	13.500	128	110870	4.966	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	64052	5.189	ug/L	98

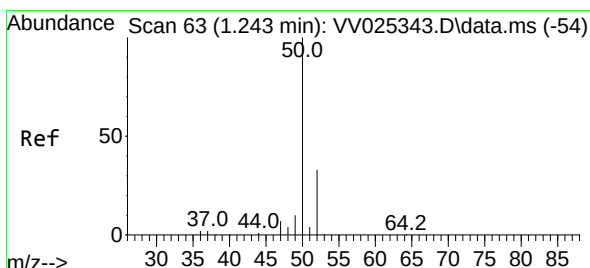
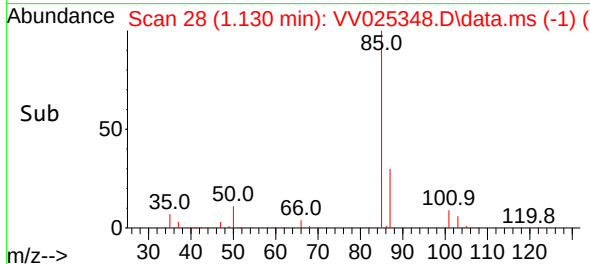
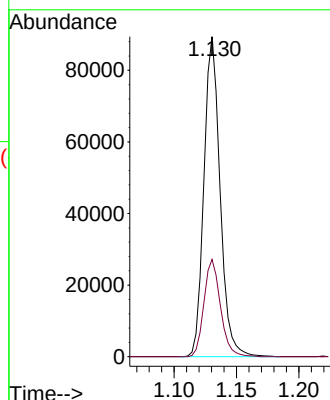
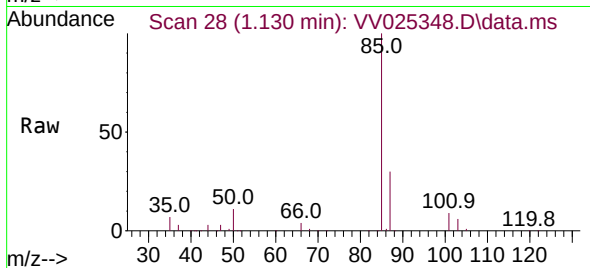
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.654 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV025348.D
 Acq: 05 Apr 2022 10:14

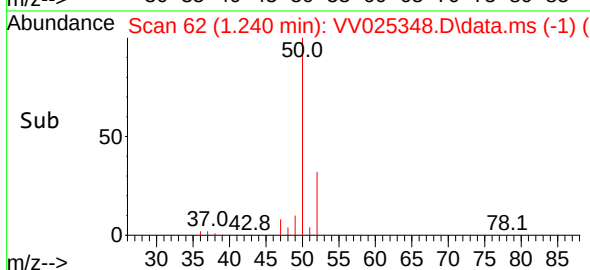
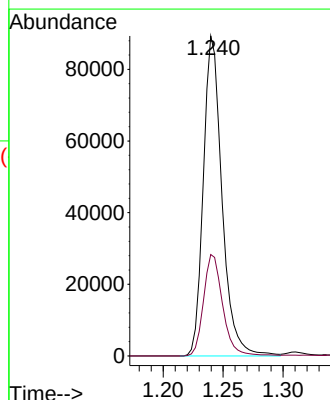
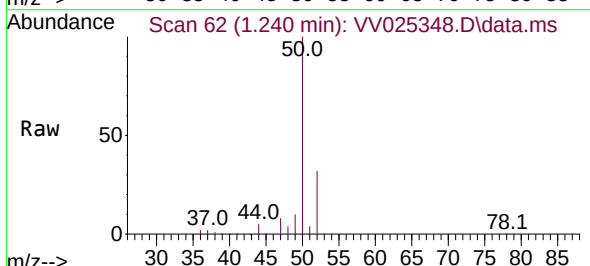
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005366

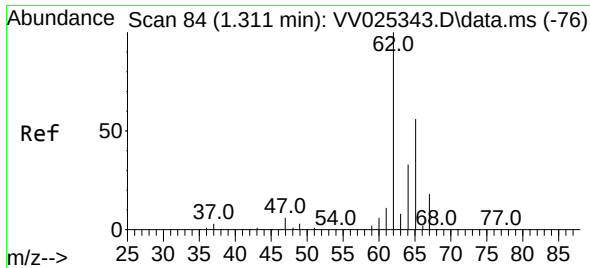
Tgt Ion: 85 Resp: 80850
 Ion Ratio Lower Upper
 85 100
 87 31.0 25.8 38.6



#3
 Chloromethane
 Concen: 4.740 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV025348.D
 Acq: 05 Apr 2022 10:14

Tgt Ion: 50 Resp: 97115
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.9 42.5

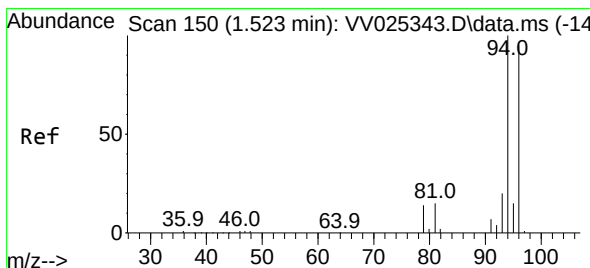
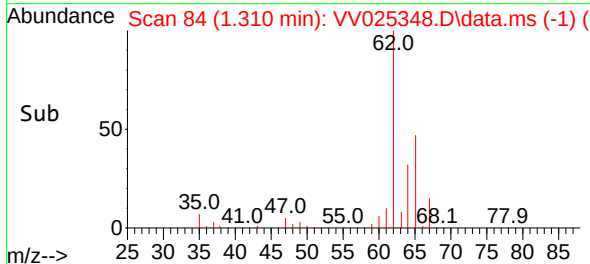
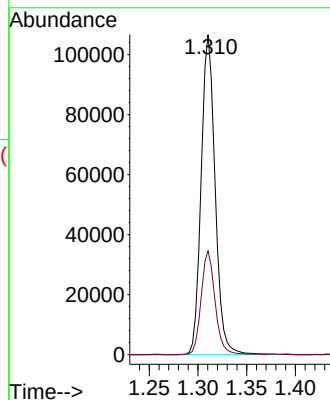
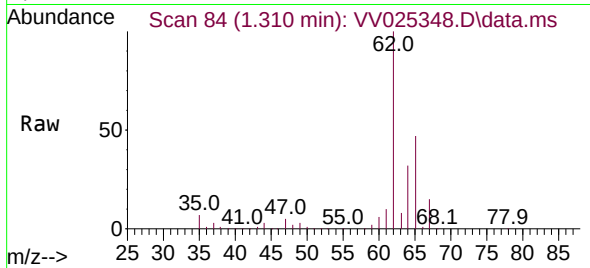




#5
 Vinyl chloride
 Concen: 4.660 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV025348.D
 Acq: 05 Apr 2022 10:14

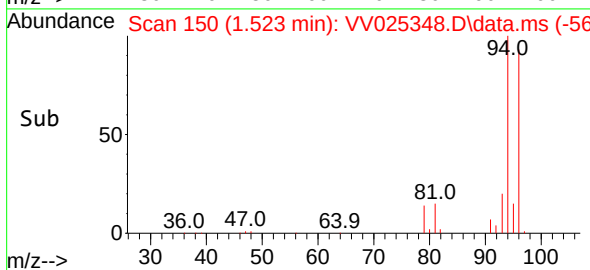
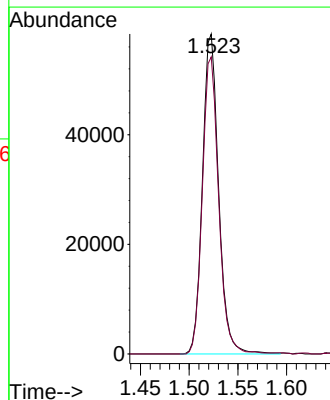
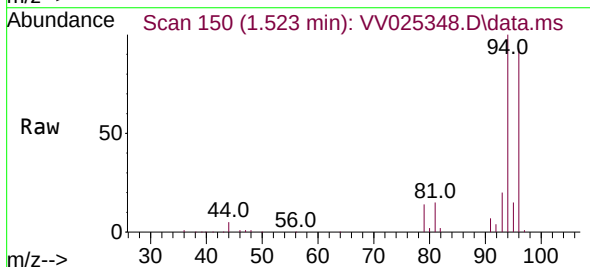
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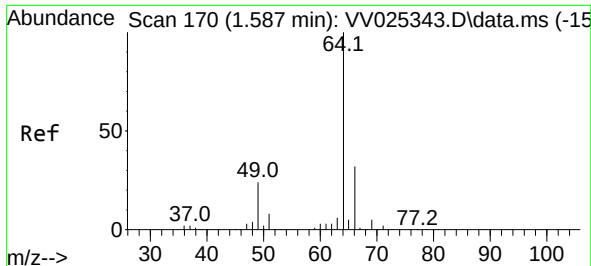
Tgt Ion: 62 Resp: 106640
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.0 40.8



#6
 Bromomethane
 Concen: 4.962 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV025348.D
 Acq: 05 Apr 2022 10:14

Tgt Ion: 94 Resp: 67402
 Ion Ratio Lower Upper
 94 100
 96 92.9 65.5 121.7

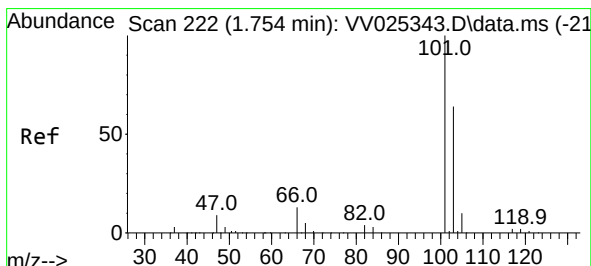
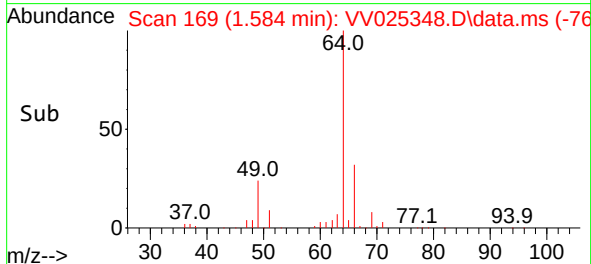
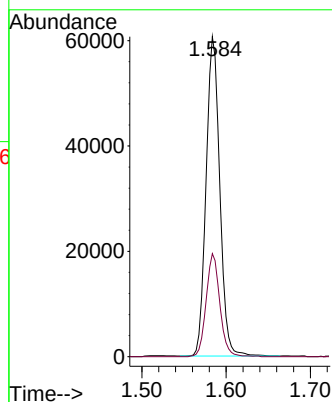
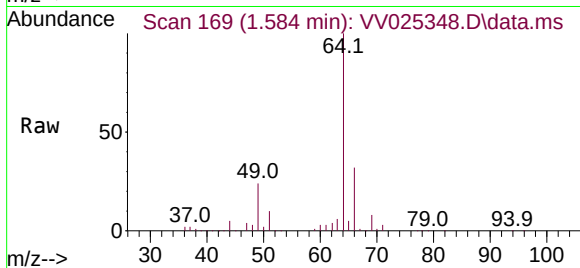




#8
Chloroethane
Concen: 4.793 ug/L
RT: 1.584 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

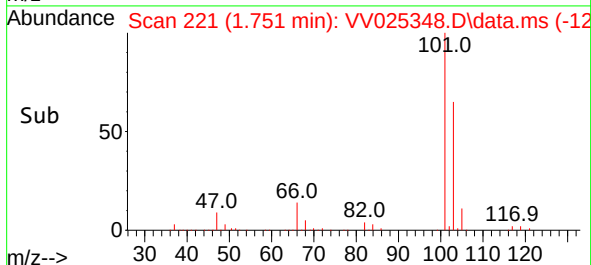
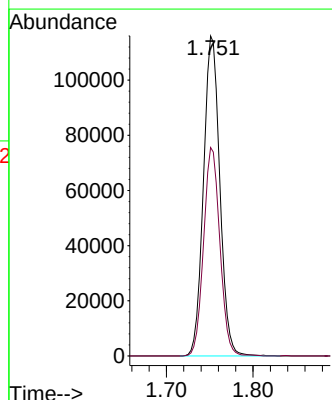
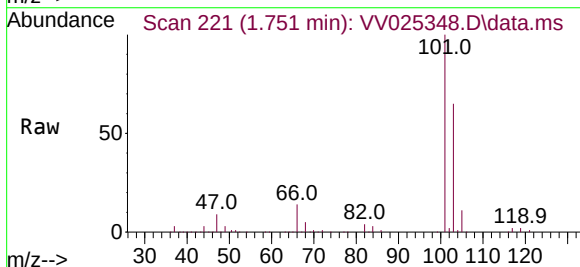
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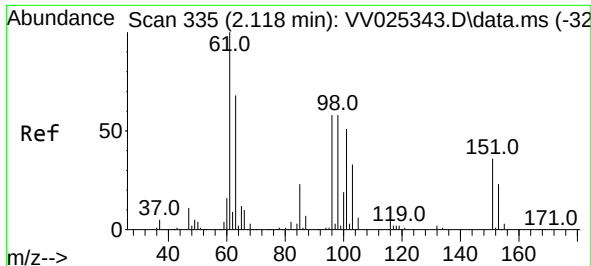
Tgt Ion: 64 Resp: 68828
Ion Ratio Lower Upper
64 100
66 32.2 23.5 43.7



#9
Trichlorofluoromethane
Concen: 4.916 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

Tgt Ion:101 Resp: 152076
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.2

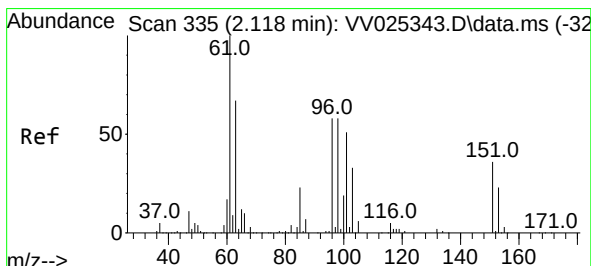
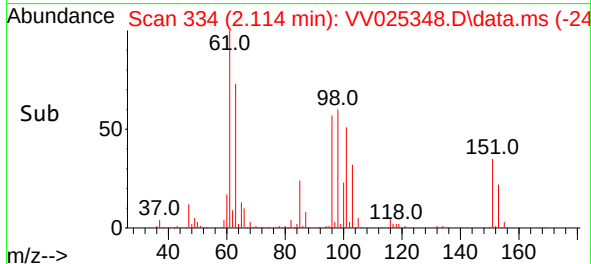
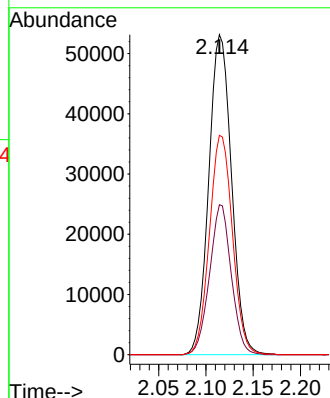
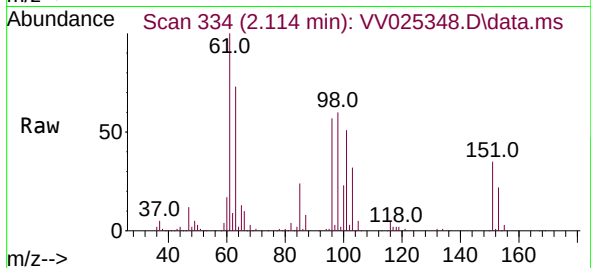




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.844 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

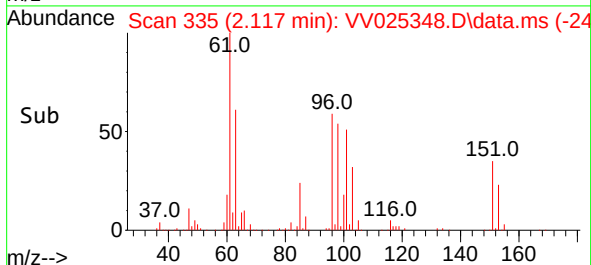
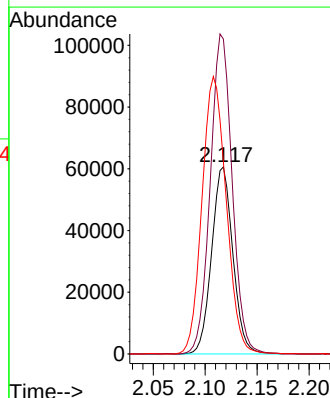
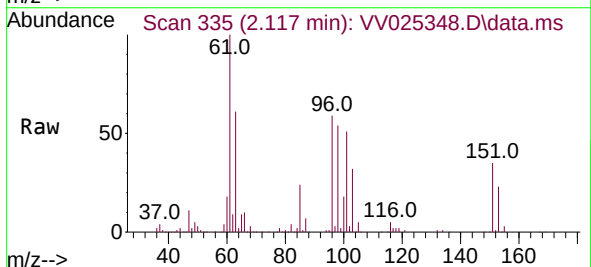
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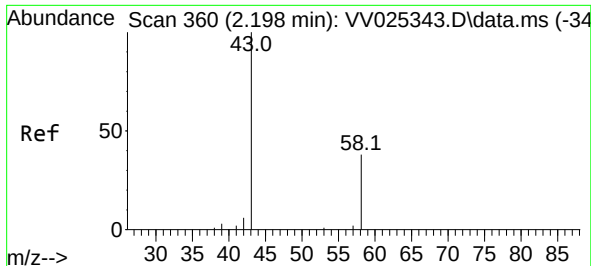
Tgt Ion:101 Resp: 89012
Ion Ratio Lower Upper
101 100
85 44.7 36.0 54.0
151 69.3 54.6 81.8



#12
1,1-Dichloroethene
Concen: 4.918 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

Tgt Ion: 96 Resp: 86114
Ion Ratio Lower Upper
96 100
61 168.3 121.5 225.7
63 102.6 77.9 144.7





#13

Acetone

Concen: 38.985 ug/L

RT: 2.195 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV025348.D

Acq: 05 Apr 2022 10:14

Instrument :

MSVOA_V

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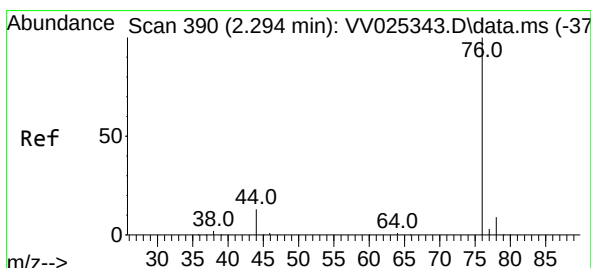
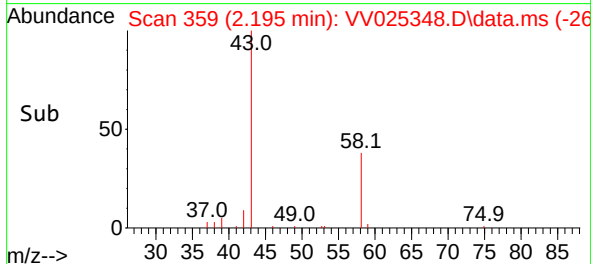
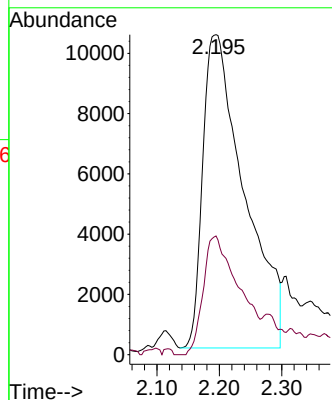
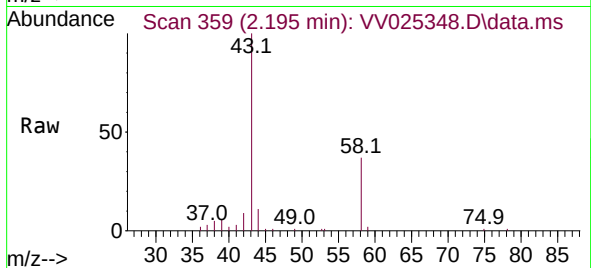
VSTD005366

Tgt Ion: 43 Resp: 48139

Ion Ratio Lower Upper

43 100

58 32.8 0.0 51.2



#14

Carbon disulfide

Concen: 4.880 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV025348.D

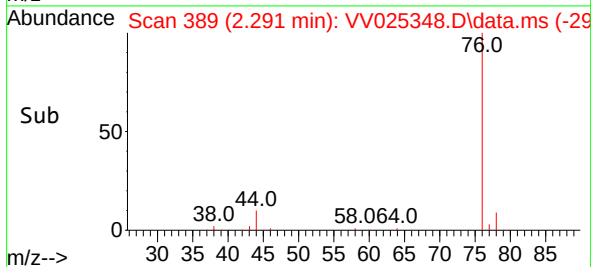
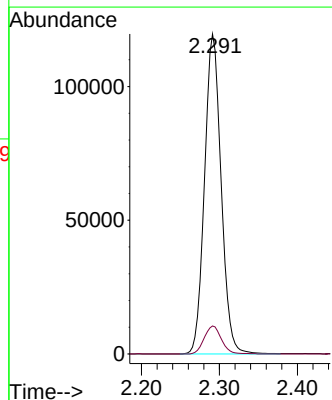
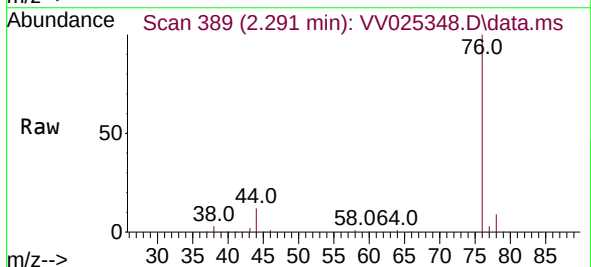
Acq: 05 Apr 2022 10:14

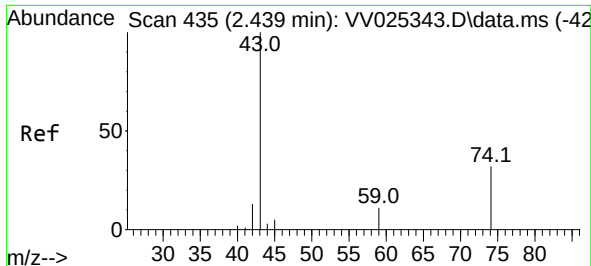
Tgt Ion: 76 Resp: 177020

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4

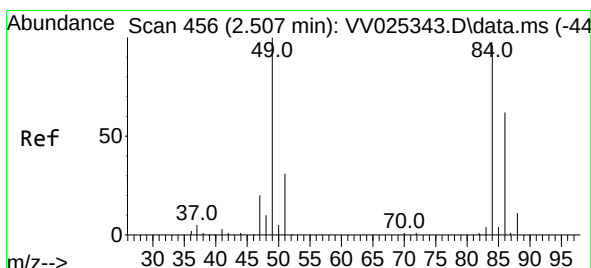
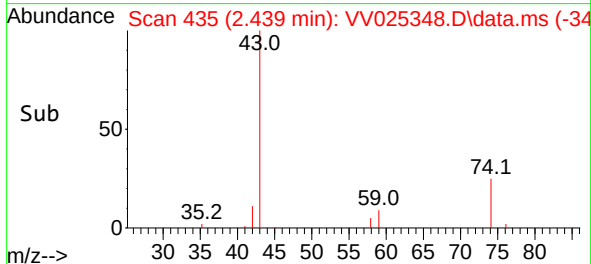
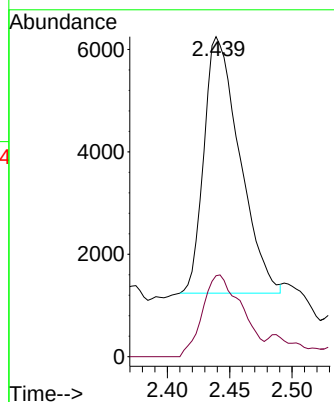
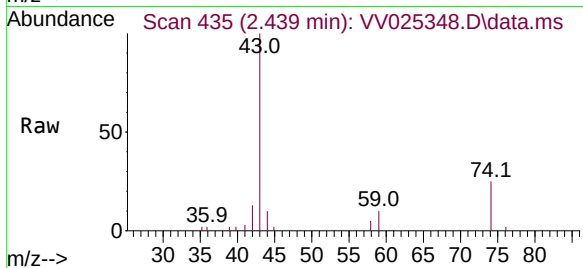




#15
Methyl Acetate
Concen: 3.553 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

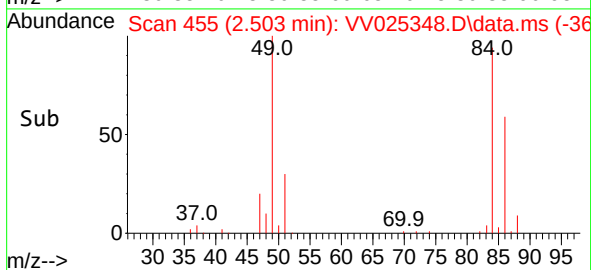
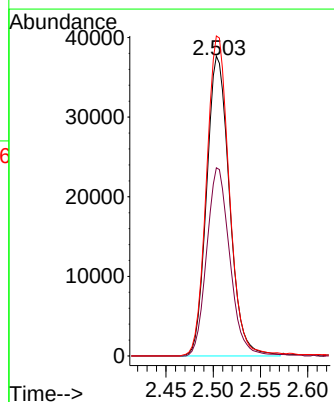
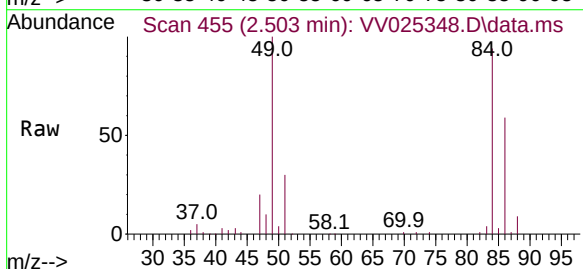
Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

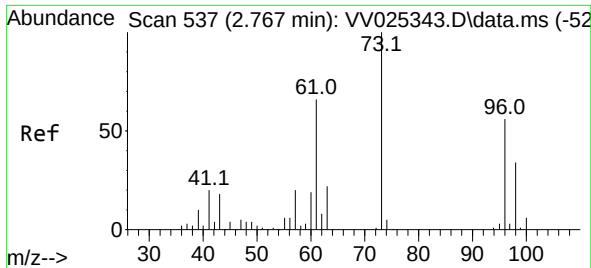
Tgt Ion: 43 Resp: 9987
Ion Ratio Lower Upper
43 100
74 35.4 20.9 31.3#



#16
Methylene chloride
Concen: 4.606 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

Tgt Ion: 84 Resp: 63329
Ion Ratio Lower Upper
84 100
86 62.7 43.5 80.7
49 106.7 74.5 138.3

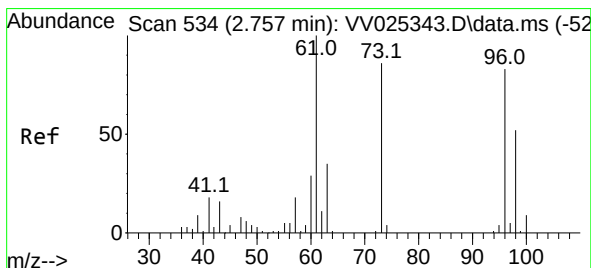
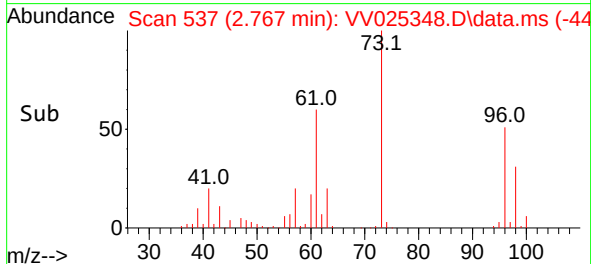
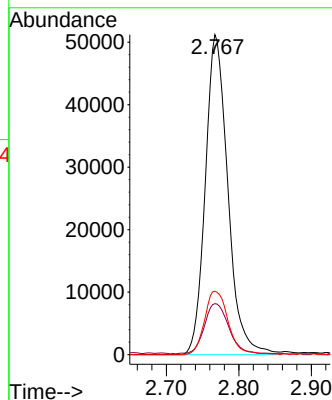
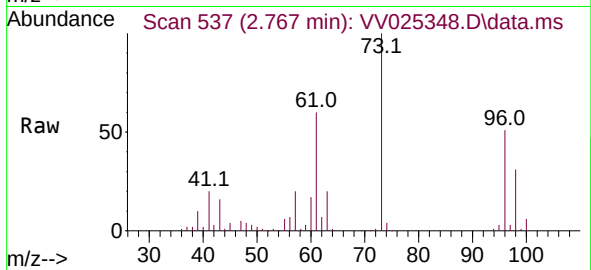




#17
Methyl tert-butyl Ether
Concen: 4.994 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

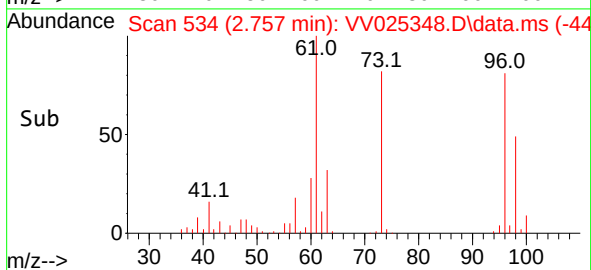
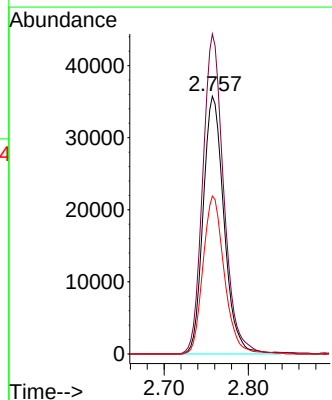
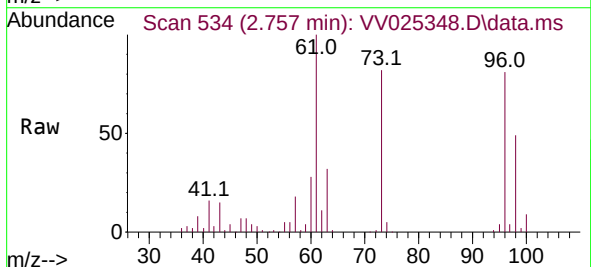
Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

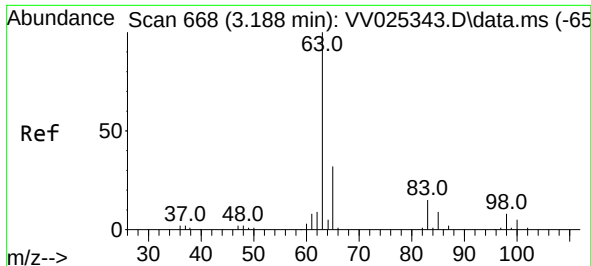
Tgt Ion: 73 Resp: 110627
Ion Ratio Lower Upper
73 100
43 16.9 13.5 20.3
57 20.9 16.4 24.6



#18
trans-1,2-Dichloroethene
Concen: 4.903 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

Tgt Ion: 96 Resp: 61616
Ion Ratio Lower Upper
96 100
61 124.1 87.6 162.8
98 61.3 44.0 81.8





#19

1,1-Dichloroethane

Concen: 4.948 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV025348.D

Acq: 05 Apr 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD005366

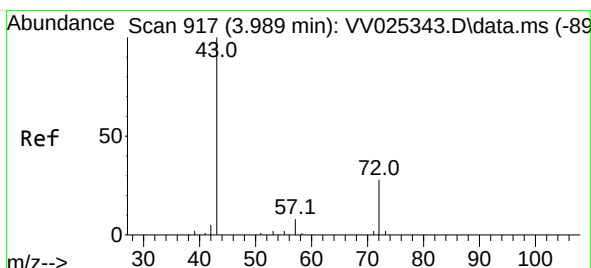
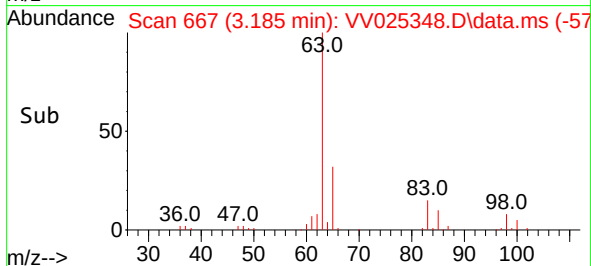
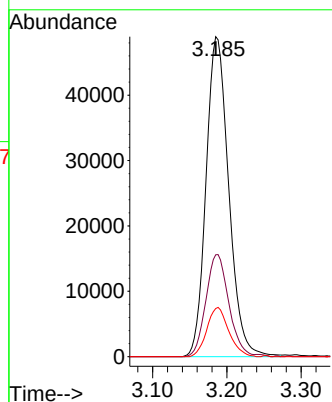
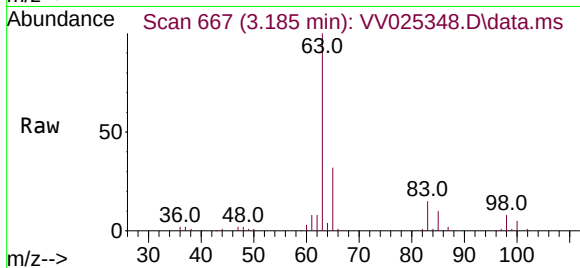
Tgt Ion: 63 Resp: 103814

Ion Ratio Lower Upper

63 100

65 31.9 22.0 40.8

83 15.0 10.2 19.0



#21

2-Butanone

Concen: 35.796 ug/L

RT: 3.982 min Scan# 915

Delta R.T. -0.006 min

Lab File: VV025348.D

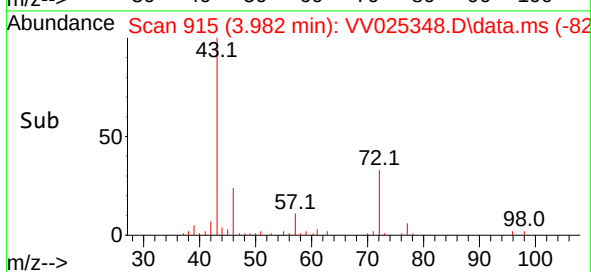
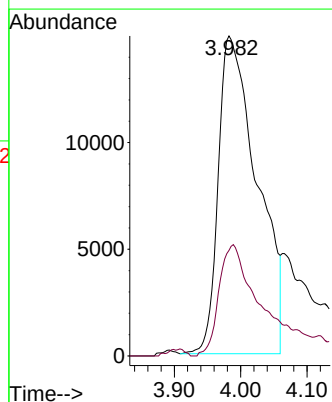
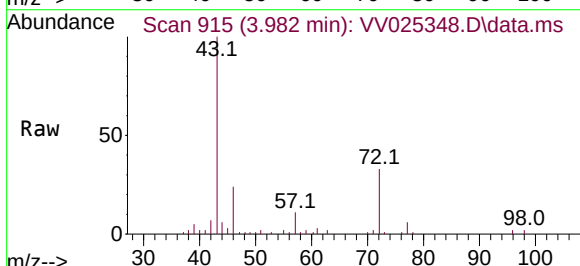
Acq: 05 Apr 2022 10:14

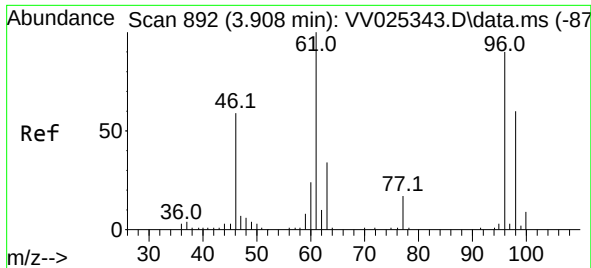
Tgt Ion: 43 Resp: 60822

Ion Ratio Lower Upper

43 100

72 38.7 11.8 35.4#

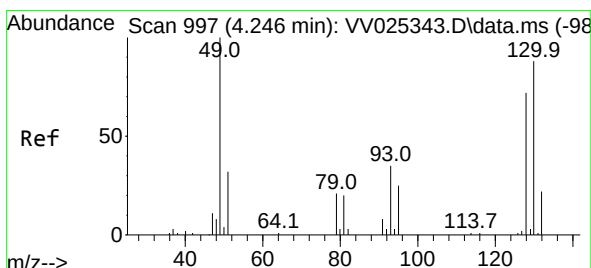
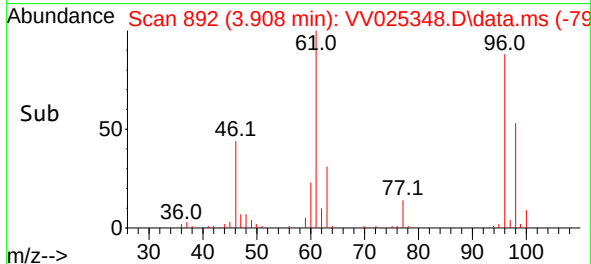
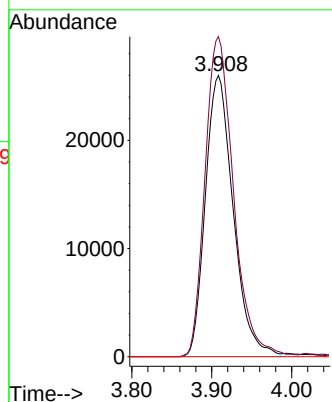
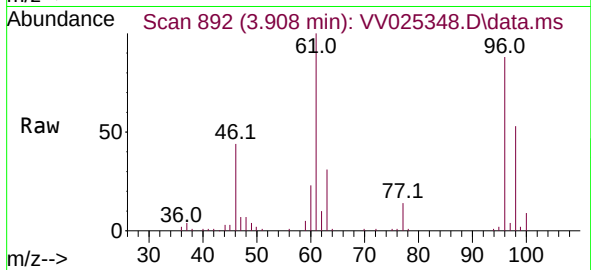




#22
 cis-1,2-Dichloroethene
 Concen: 4.932 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: VV025348.D
 Acq: 05 Apr 2022 10:14

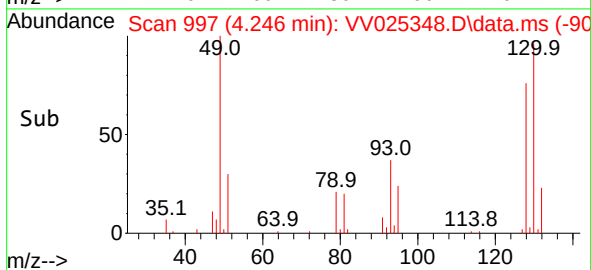
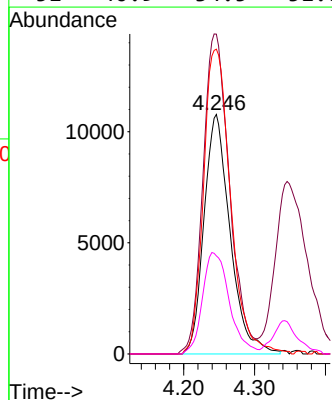
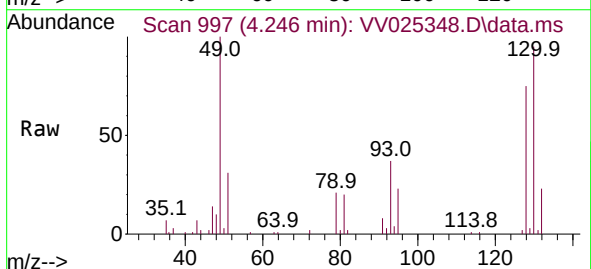
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005366

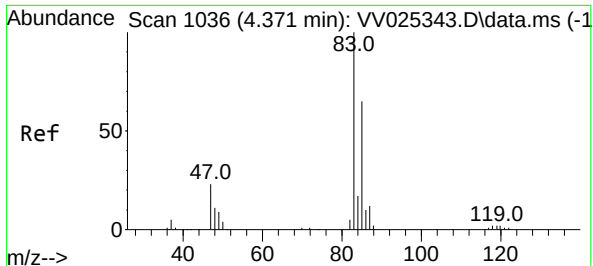
Tgt Ion: 96 Resp: 62971
 Ion Ratio Lower Upper
 96 100
 61 113.8 84.1 156.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.174 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.003 min
 Lab File: VV025348.D
 Acq: 05 Apr 2022 10:14

Tgt Ion: 128 Resp: 27554
 Ion Ratio Lower Upper
 128 100
 49 133.6 101.4 188.4
 130 127.2 85.0 158.0
 51 40.9 34.5 51.7





#25

Chloroform

Concen: 4.967 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV025348.D

Acq: 05 Apr 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

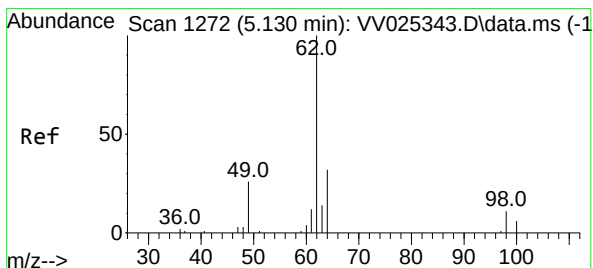
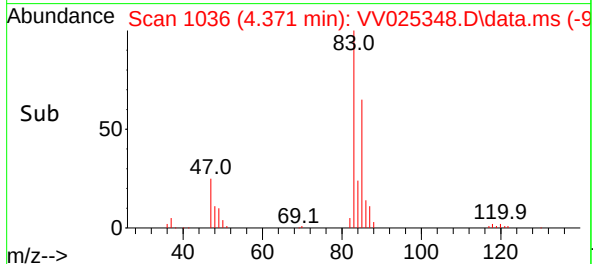
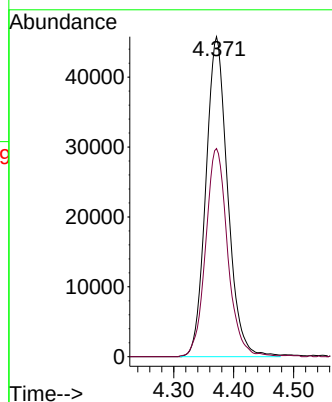
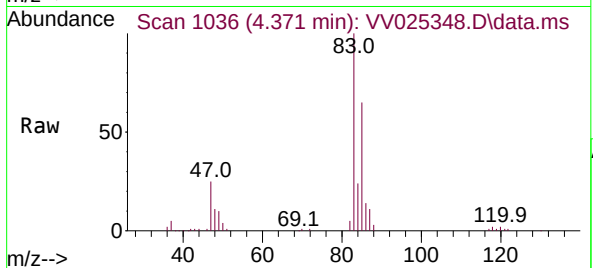
VSTD005366

Tgt Ion: 83 Resp: 115620

Ion Ratio Lower Upper

83 100

85 65.0 44.7 82.9



#27

1,2-Dichloroethane

Concen: 4.831 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV025348.D

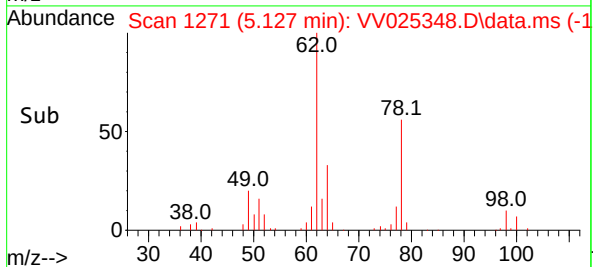
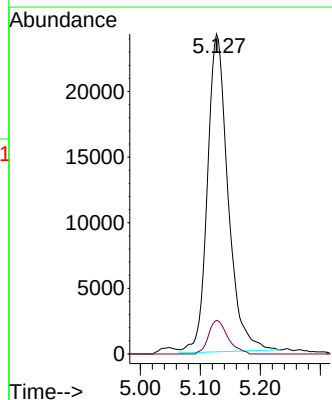
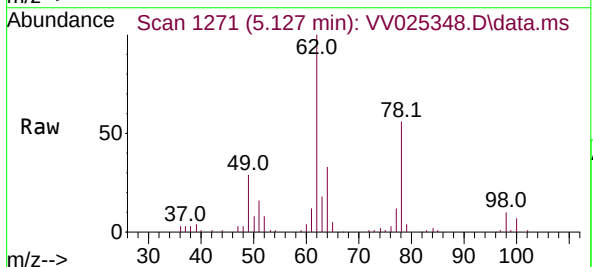
Acq: 05 Apr 2022 10:14

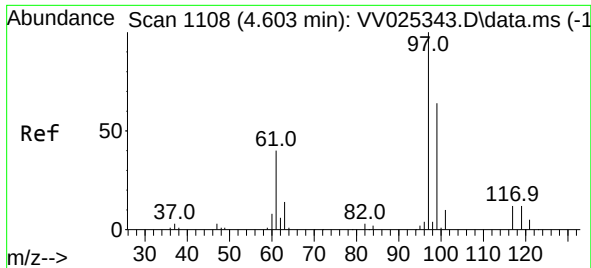
Tgt Ion: 62 Resp: 58075

Ion Ratio Lower Upper

62 100

98 10.5 7.9 11.9



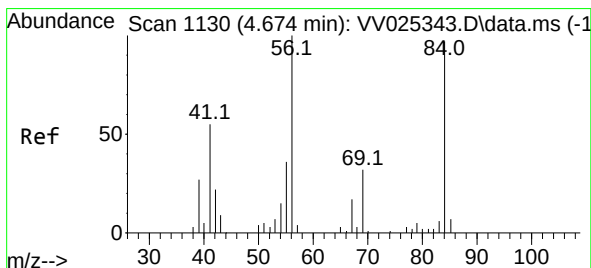
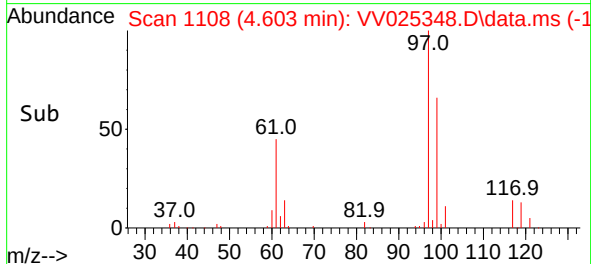
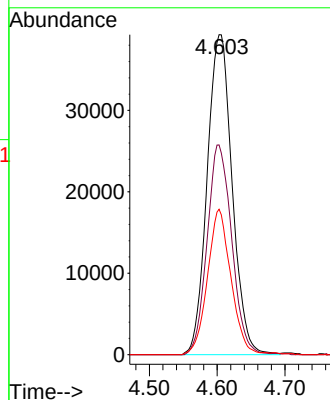
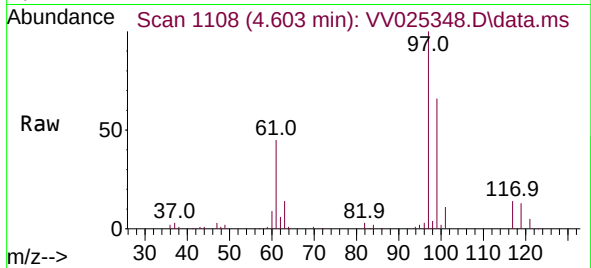


#29
 1,1,1-Trichloroethane
 Concen: 4.963 ug/L
 RT: 4.603 min Scan# 1108
 Delta R.T. -0.000 min
 Lab File: VV025348.D
 Acq: 05 Apr 2022 10:14

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005366

Tgt Ion: 97 Resp: 100894

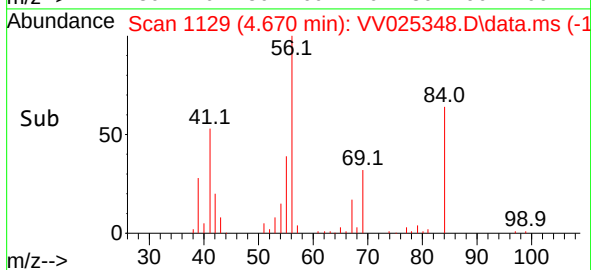
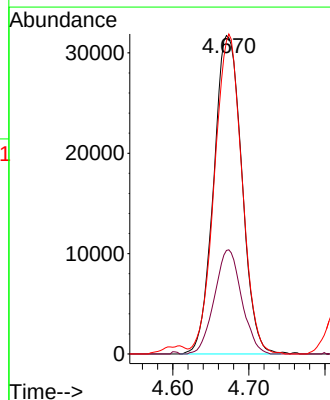
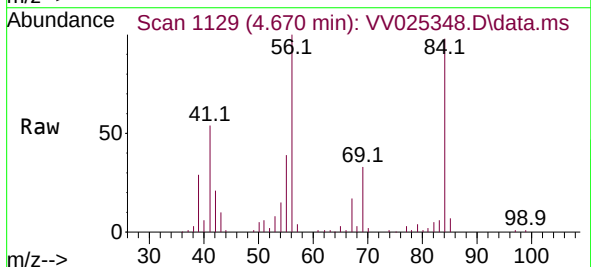
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.9	77.9
61	42.4	34.2	51.2

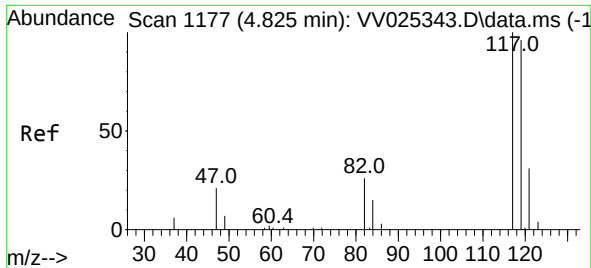


#30
 Cyclohexane
 Concen: 4.477 ug/L
 RT: 4.670 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VV025348.D
 Acq: 05 Apr 2022 10:14

Tgt Ion: 56 Resp: 81395

Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.3	37.9
84	98.2	78.4	117.6

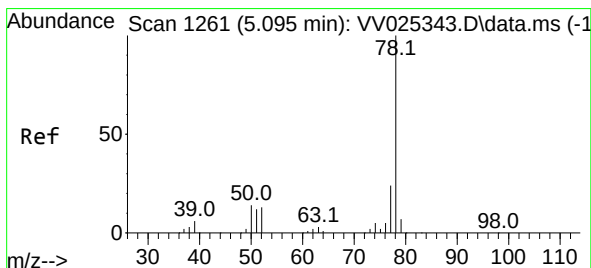
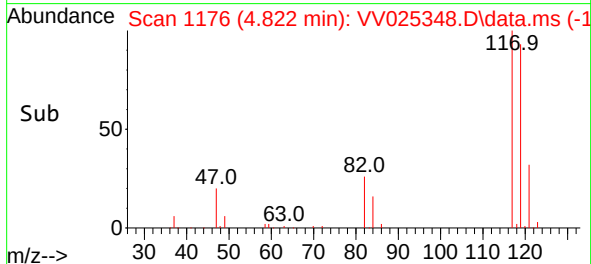
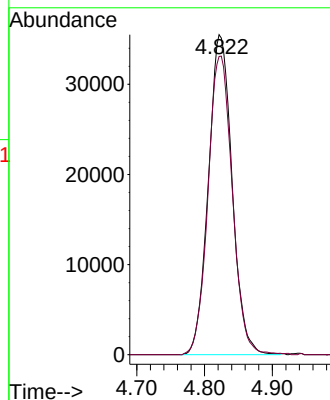
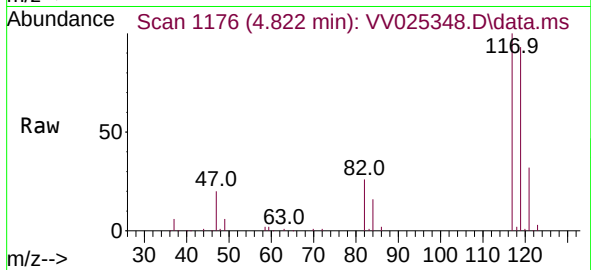




#31
Carbon tetrachloride
Concen: 4.900 ug/L
RT: 4.822 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

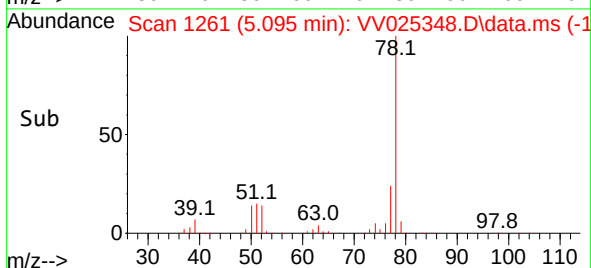
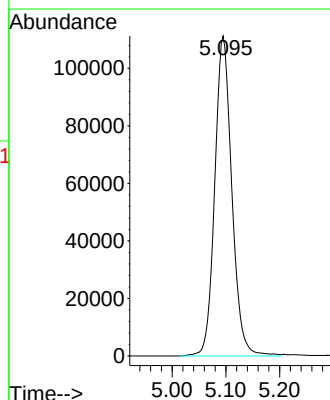
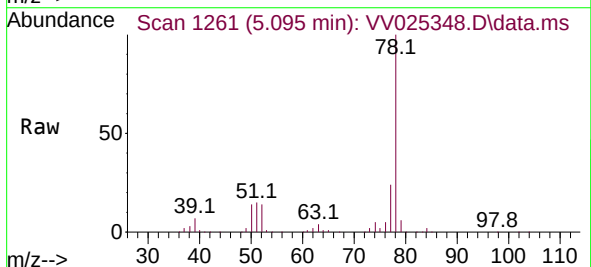
Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

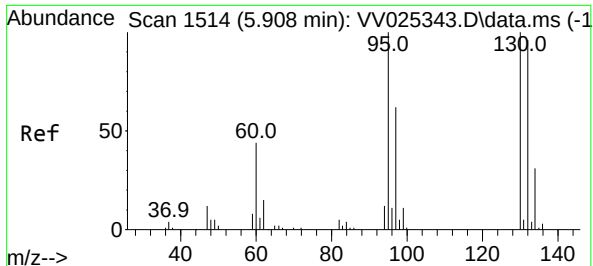
Tgt Ion:117 Resp: 86222
Ion Ratio Lower Upper
117 100
119 95.8 77.8 116.6



#33
Benzene
Concen: 4.980 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

Tgt Ion: 78 Resp: 245601

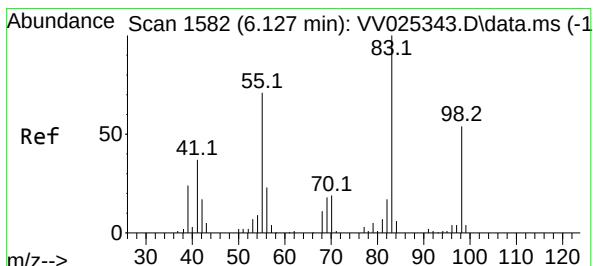
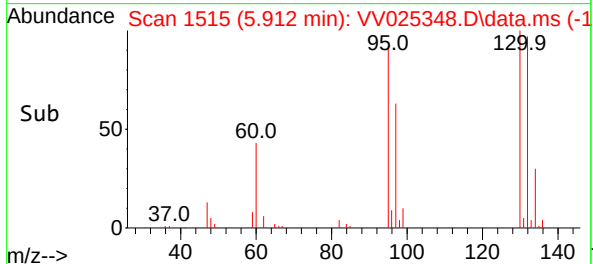
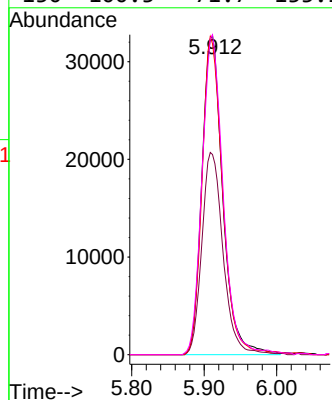
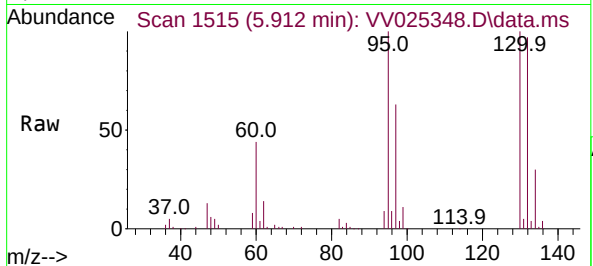




#34
Trichloroethene
Concen: 4.812 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

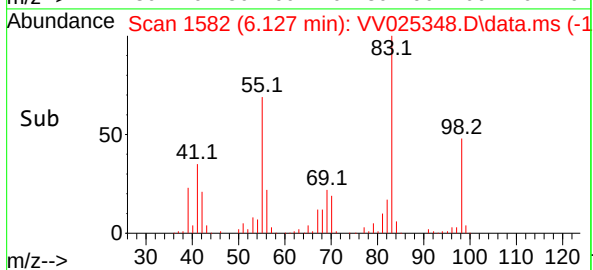
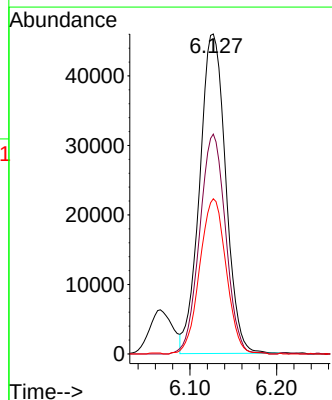
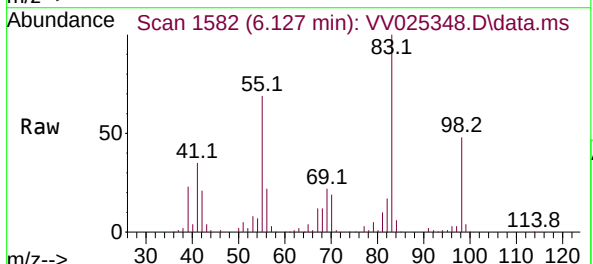
Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

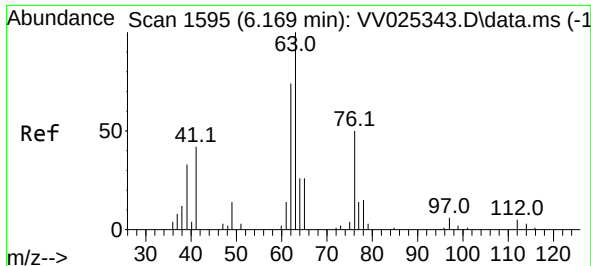
Tgt Ion: 95 Resp: 65163
Ion Ratio Lower Upper
95 100
97 62.7 46.3 85.9
132 97.5 65.2 121.2
130 100.3 71.7 133.1



#35
Methylcyclohexane
Concen: 4.532 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

Tgt Ion: 83 Resp: 96159
Ion Ratio Lower Upper
83 100
55 68.7 54.6 81.8
98 49.3 39.8 59.6





#37

1,2-Dichloropropane

Concen: 4.905 ug/L

RT: 6.169 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV025348.D

Acq: 05 Apr 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

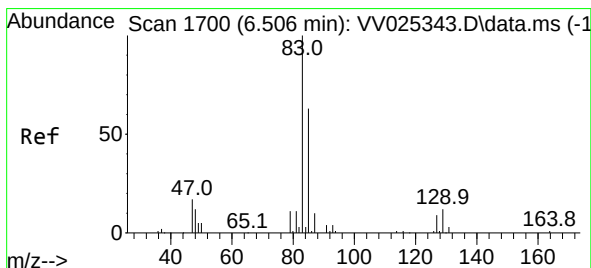
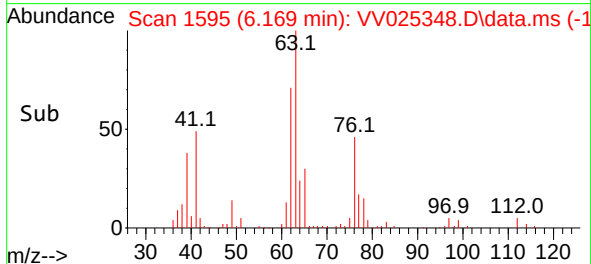
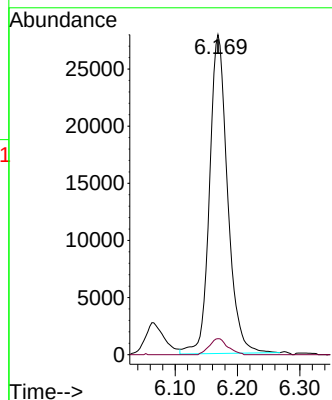
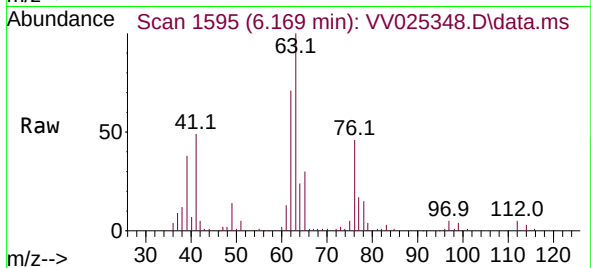
VSTD005366

Tgt Ion: 63 Resp: 56114

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.2



#38

Bromodichloromethane

Concen: 5.206 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV025348.D

Acq: 05 Apr 2022 10:14

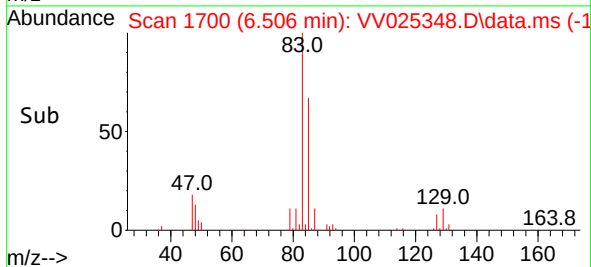
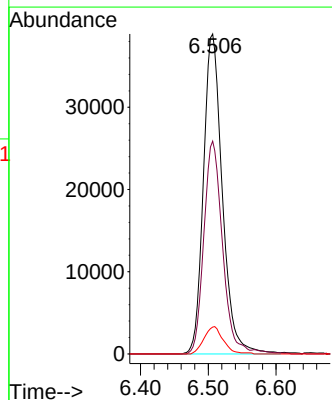
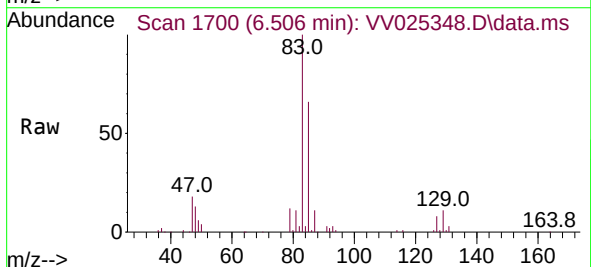
Tgt Ion: 83 Resp: 75445

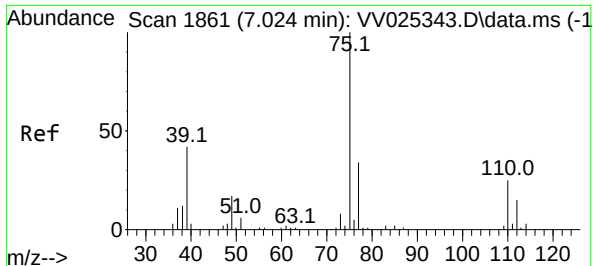
Ion Ratio Lower Upper

83 100

85 66.5 47.2 87.6

127 8.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.785 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV025348.D

Acq: 05 Apr 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

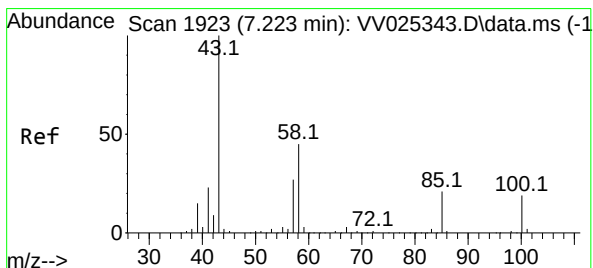
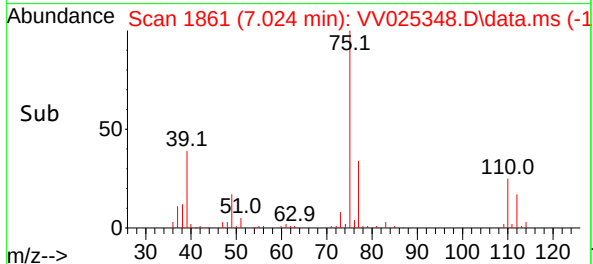
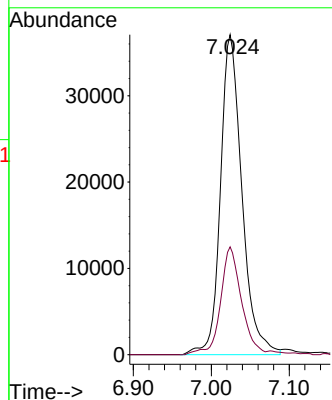
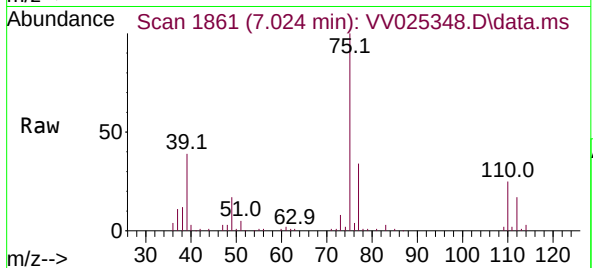
VSTD005366

Tgt Ion: 75 Resp: 70980

Ion Ratio Lower Upper

75 100

77 33.7 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 49.913 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV025348.D

Acq: 05 Apr 2022 10:14

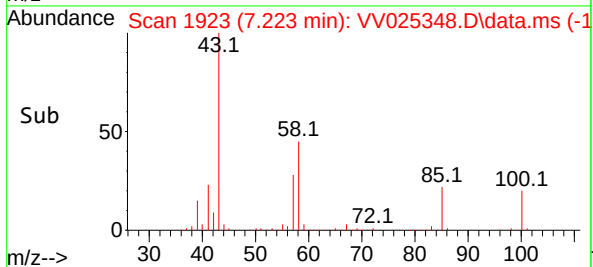
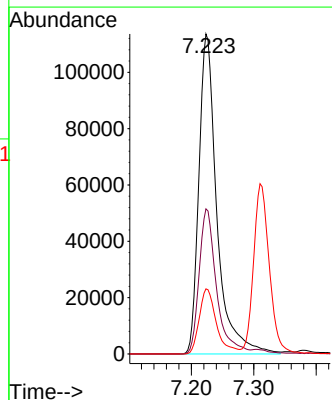
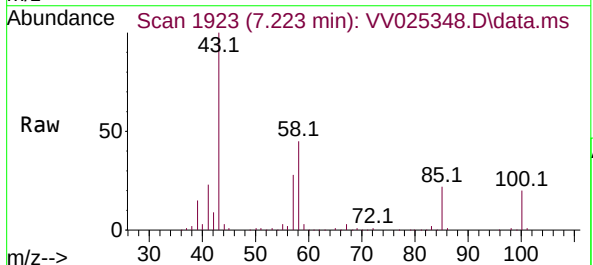
Tgt Ion: 43 Resp: 227983

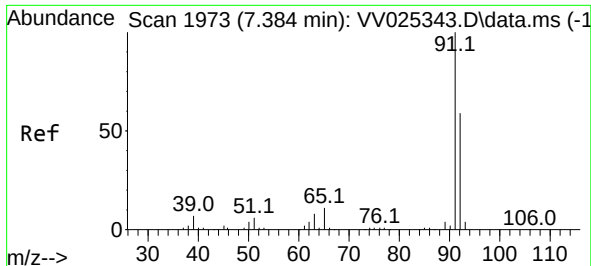
Ion Ratio Lower Upper

43 100

58 43.7 35.1 52.7

100 19.5 15.5 23.3





#42

Toluene

Concen: 5.075 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV025348.D

Acq: 05 Apr 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

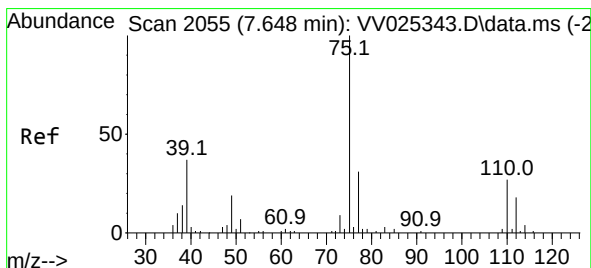
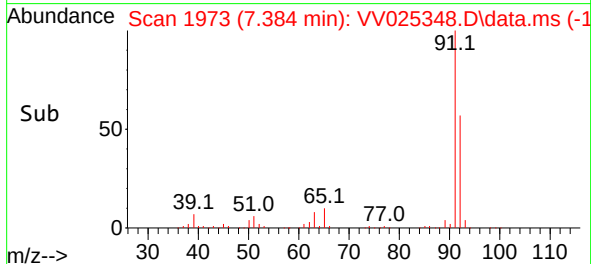
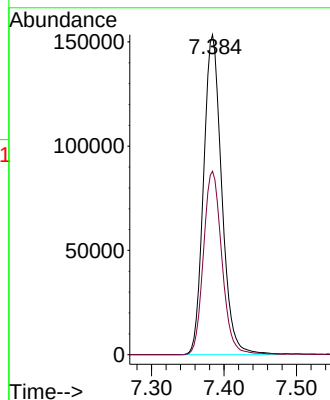
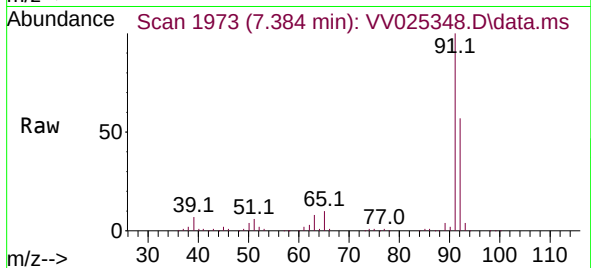
VSTD005366

Tgt Ion: 91 Resp: 267178

Ion Ratio Lower Upper

91 100

92 57.3 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 4.868 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV025348.D

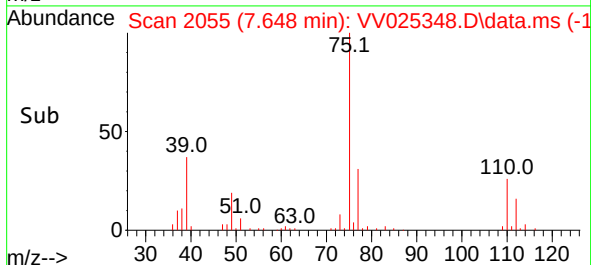
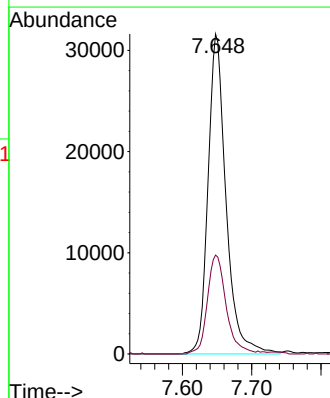
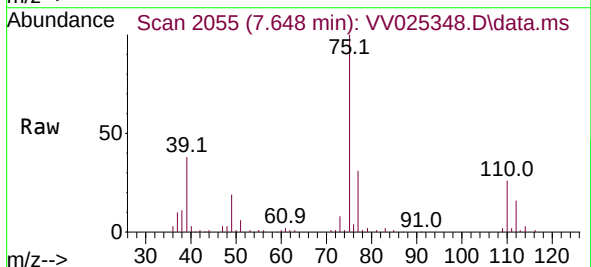
Acq: 05 Apr 2022 10:14

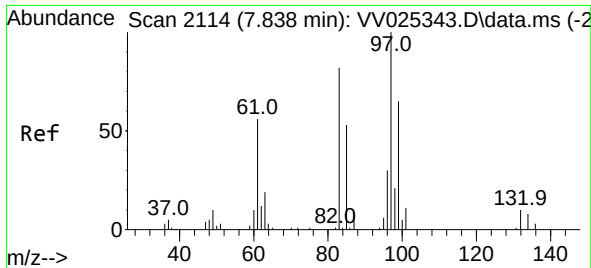
Tgt Ion: 75 Resp: 56768

Ion Ratio Lower Upper

75 100

77 30.9 24.2 45.0

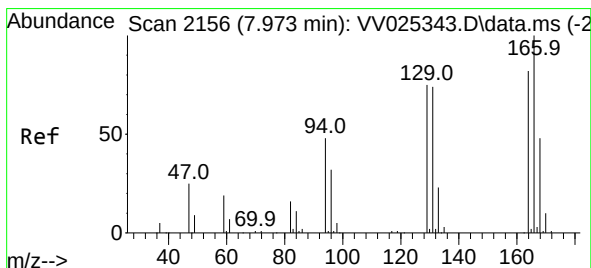
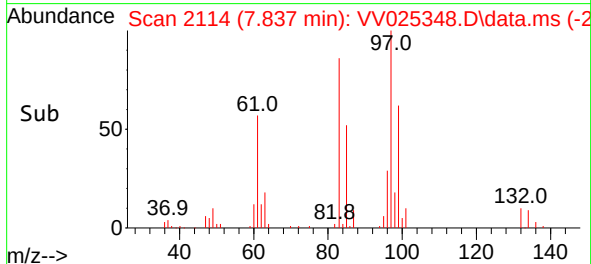
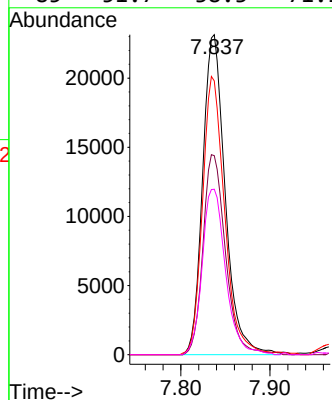
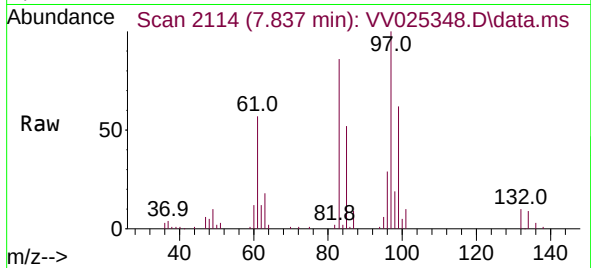




#45
1,1,2-Trichloroethane
Concen: 5.193 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

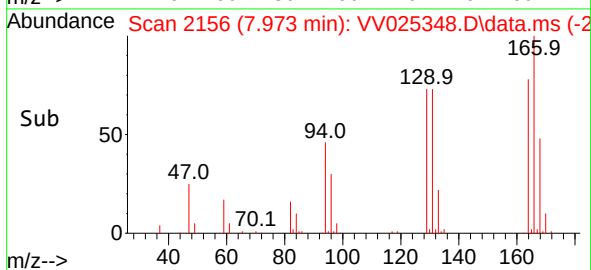
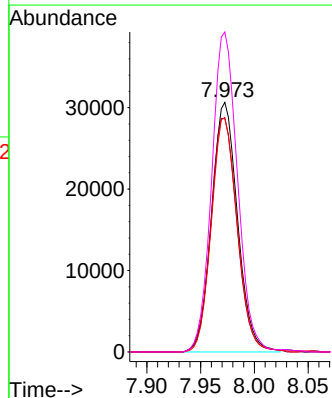
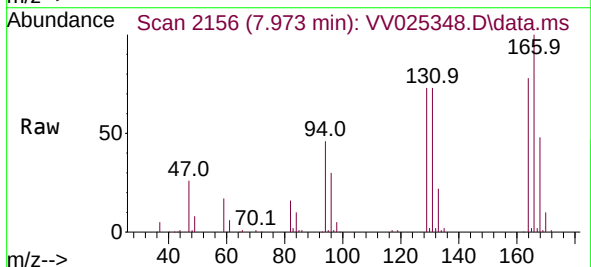
Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

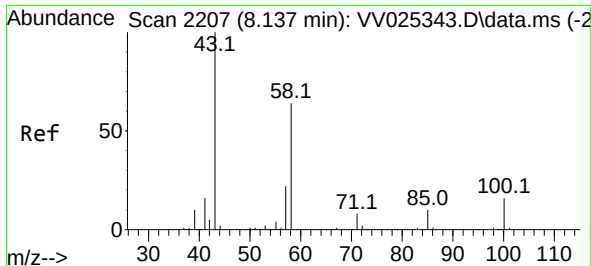
Tgt Ion:	97	Resp:	40676
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.3	80.5
83	85.6	58.0	107.6
85	51.7	38.3	71.1



#47
Tetrachloroethene
Concen: 5.143 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

Tgt Ion:	164	Resp:	51353
Ion	Ratio	Lower	Upper
164	100		
129	93.4	67.5	125.4
131	93.9	68.0	126.4
166	128.2	86.2	160.2



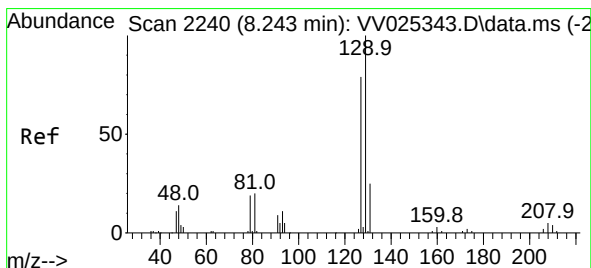
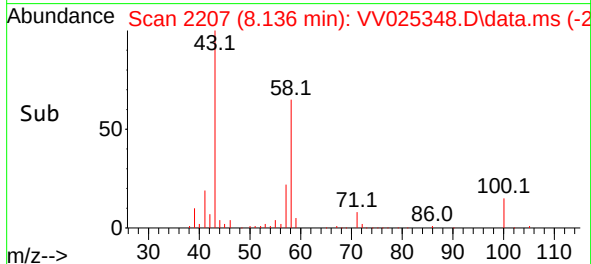
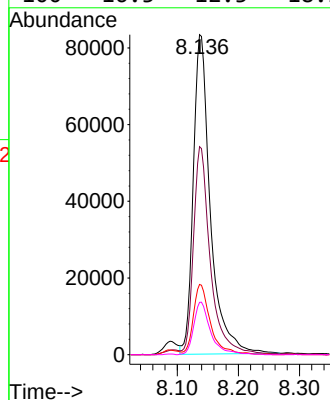
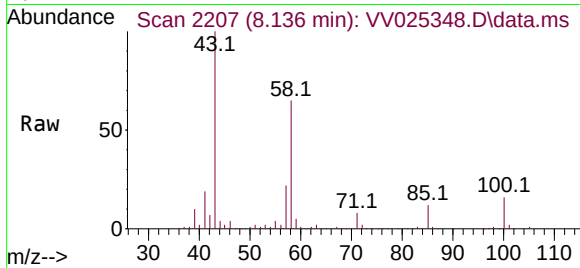


#48
2-Hexanone
Concen: 49.586 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

Tgt Ion: 43 Resp: 161989

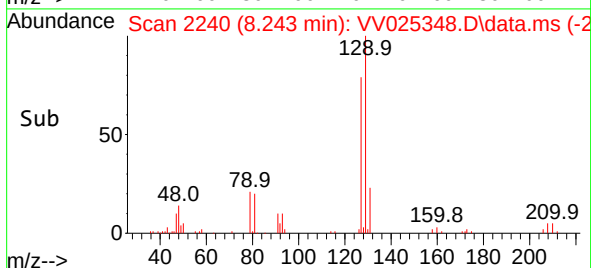
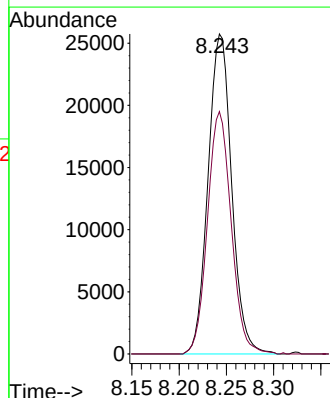
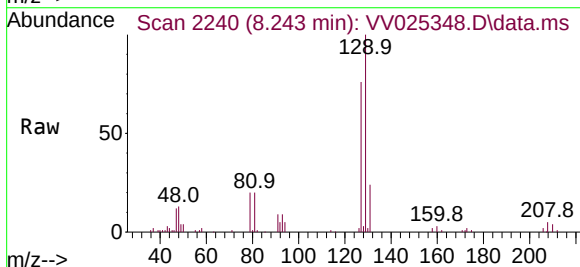
Ion	Ratio	Lower	Upper
43	100		
58	63.8	48.5	72.7
57	21.6	16.9	25.3
100	16.3	12.3	18.5

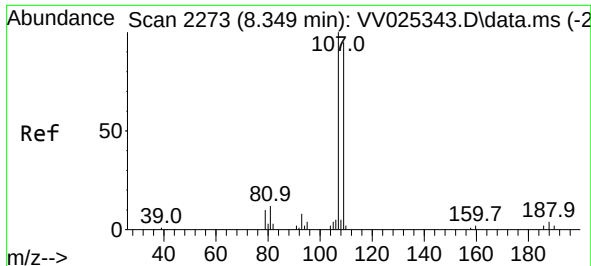


#49
Dibromochloromethane
Concen: 5.306 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

Tgt Ion: 129 Resp: 44728

Ion	Ratio	Lower	Upper
129	100		
127	75.7	54.1	100.5

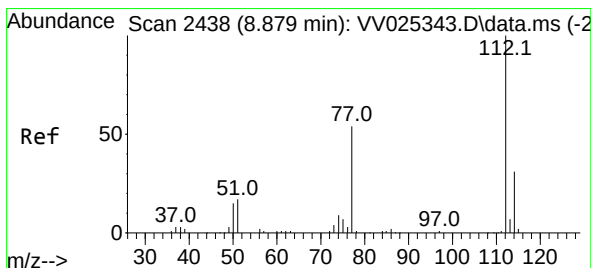
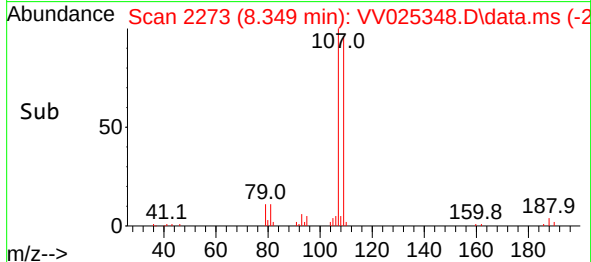
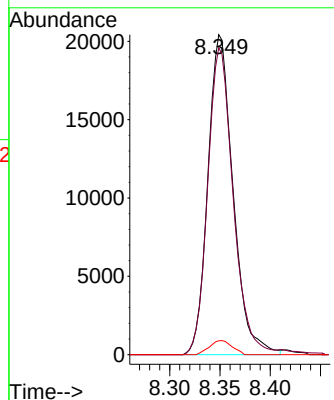
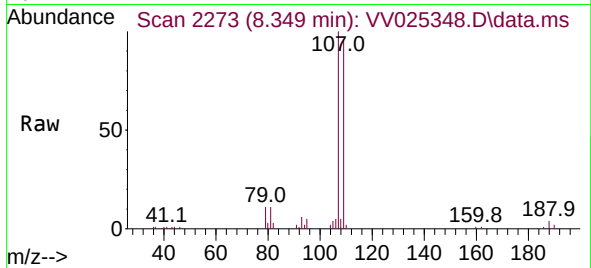




#50
1,2-Dibromoethane
Concen: 4.885 ug/L
RT: 8.349 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

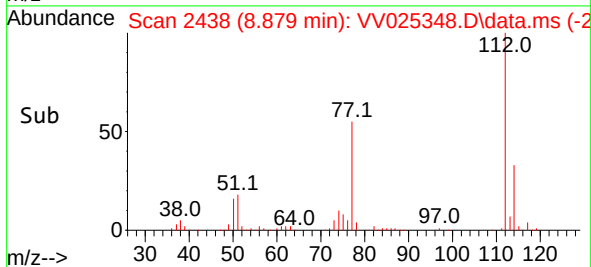
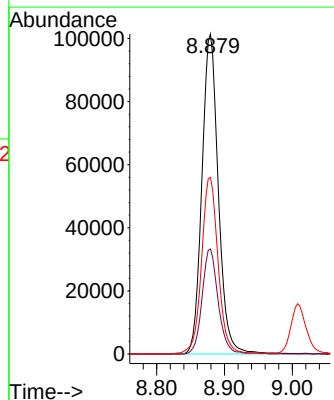
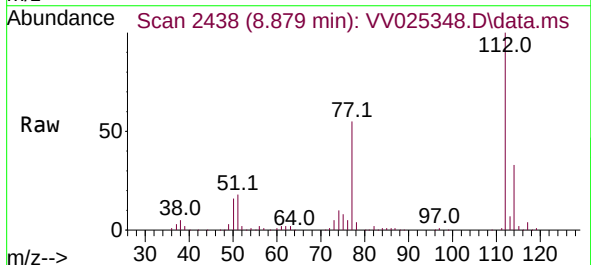
Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

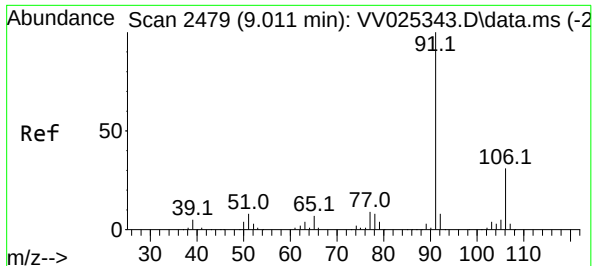
Tgt Ion:107 Resp: 35647
Ion Ratio Lower Upper
107 100
109 95.9 64.7 120.1
188 4.4 2.2 3.4#



#51
Chlorobenzene
Concen: 5.012 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

Tgt Ion:112 Resp: 170411
Ion Ratio Lower Upper
112 100
114 32.8 21.9 40.7
77 55.2 44.2 66.4





#52

Ethylbenzene

Concen: 4.991 ug/L

RT: 9.008 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV025348.D

Acq: 05 Apr 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

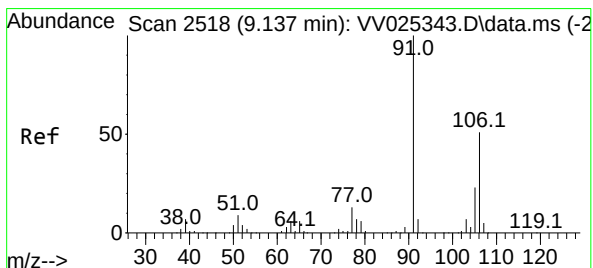
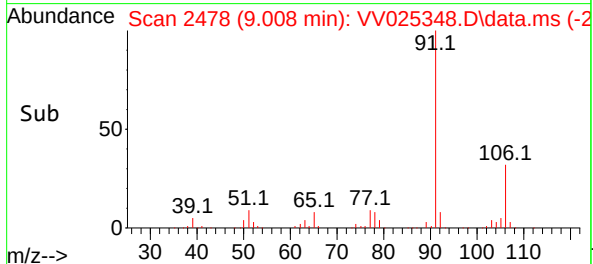
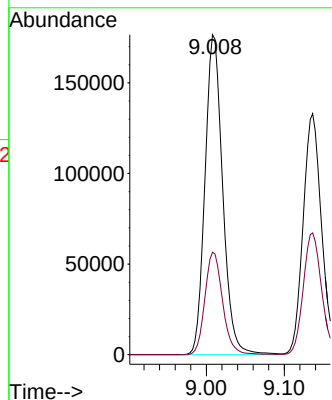
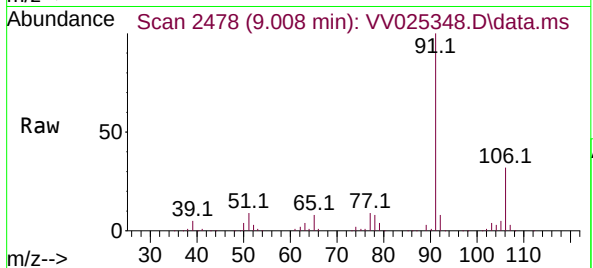
VSTD005366

Tgt Ion: 91 Resp: 278677

Ion Ratio Lower Upper

91 100

106 32.1 21.7 40.3



#53

m,p-Xylene

Concen: 5.106 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV025348.D

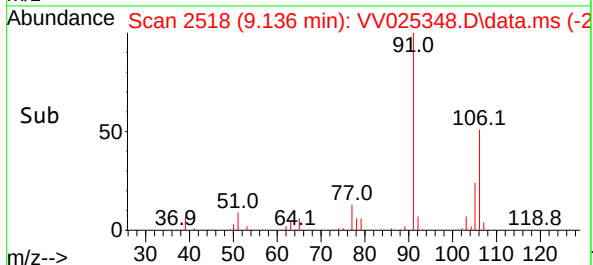
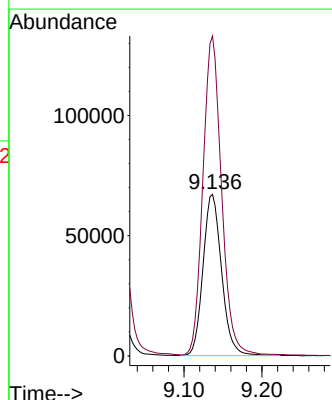
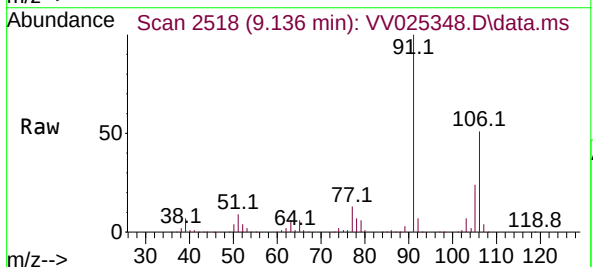
Acq: 05 Apr 2022 10:14

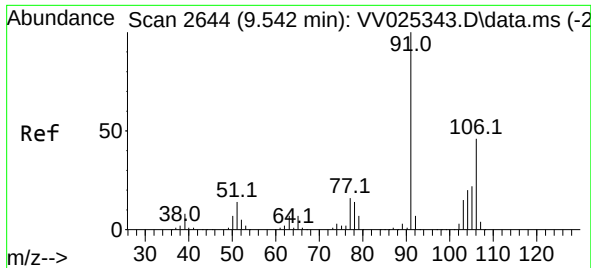
Tgt Ion:106 Resp: 110897

Ion Ratio Lower Upper

106 100

91 198.0 136.8 254.0

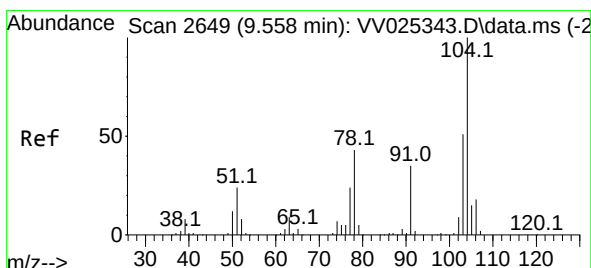
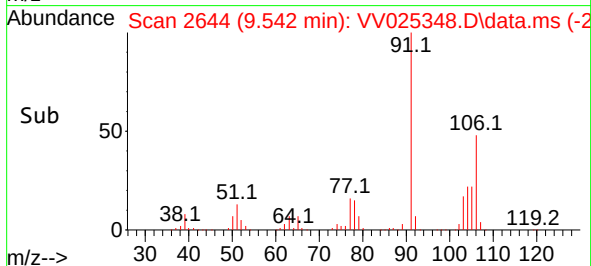
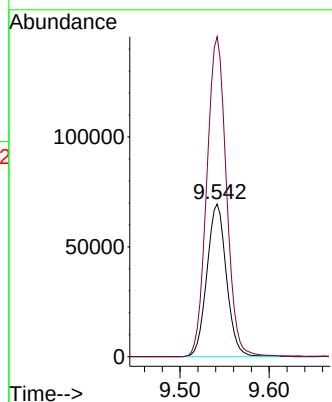
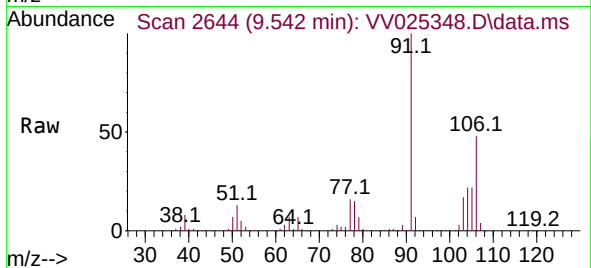




#54
o-Xylene
Concen: 5.086 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

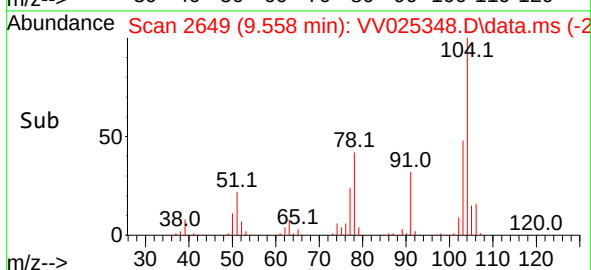
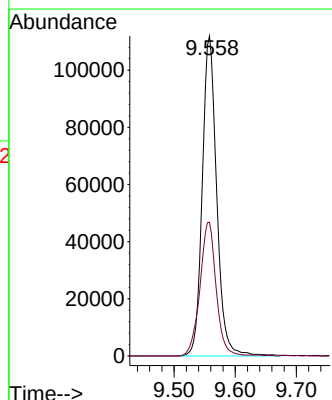
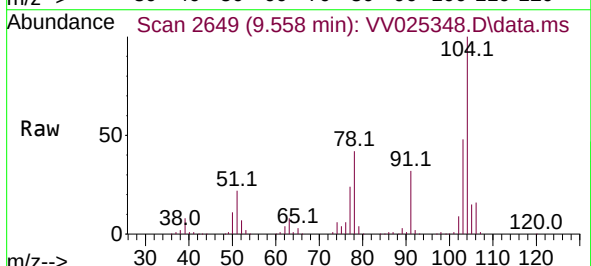
Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

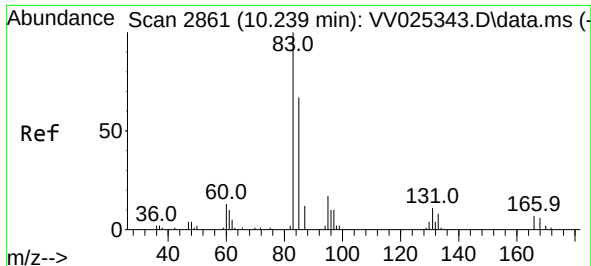
Tgt Ion:106 Resp: 105593
Ion Ratio Lower Upper
106 100
91 209.6 143.0 265.6



#55
Styrene
Concen: 5.374 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

Tgt Ion:104 Resp: 183472
Ion Ratio Lower Upper
104 100
78 41.8 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.893 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV025348.D

Acq: 05 Apr 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD005366

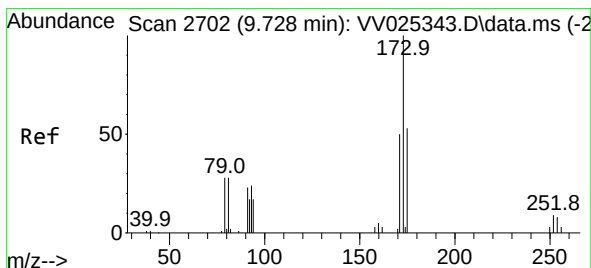
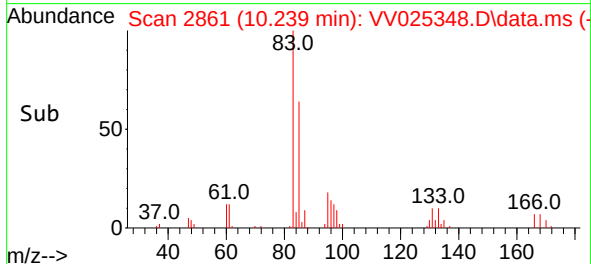
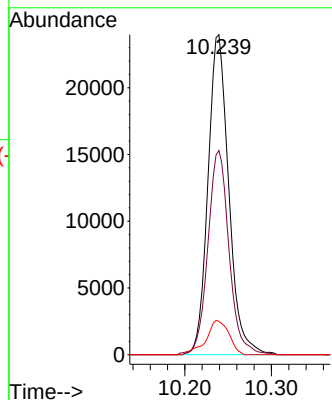
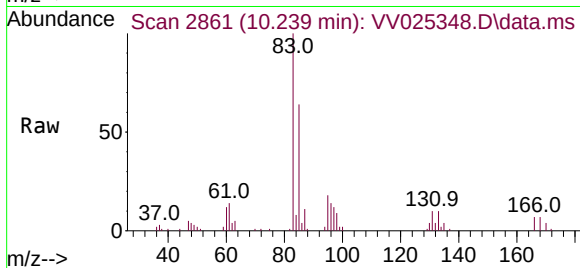
Tgt Ion: 83 Resp: 39954

Ion Ratio Lower Upper

83 100

85 63.8 46.2 85.8

131 10.4 8.1 12.1



#59

Bromoform

Concen: 6.056 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV025348.D

Acq: 05 Apr 2022 10:14

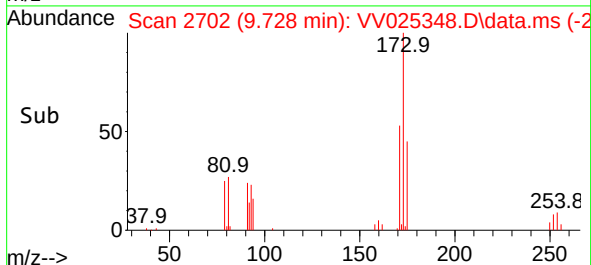
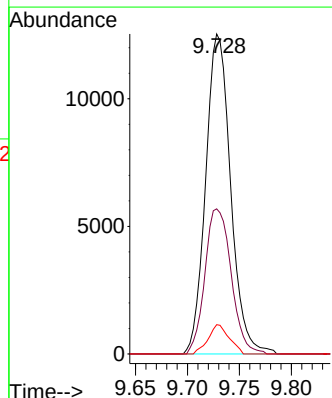
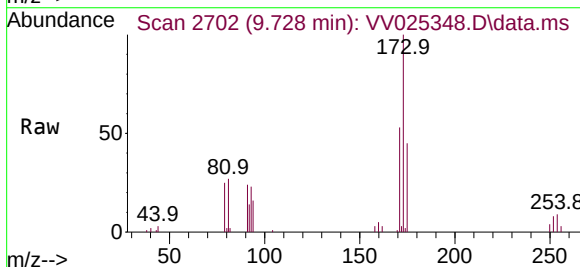
Tgt Ion: 173 Resp: 20978

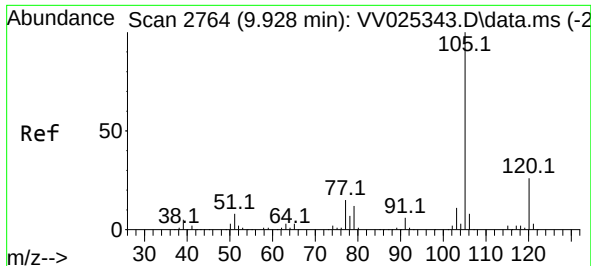
Ion Ratio Lower Upper

173 100

175 47.7 39.4 59.0

254 7.7 5.6 8.4

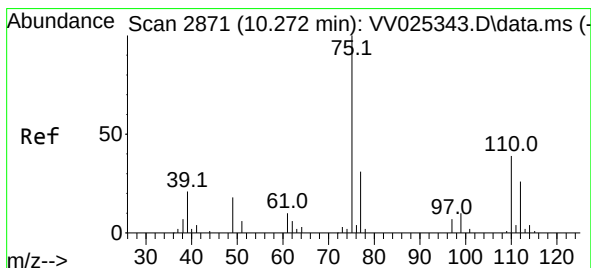
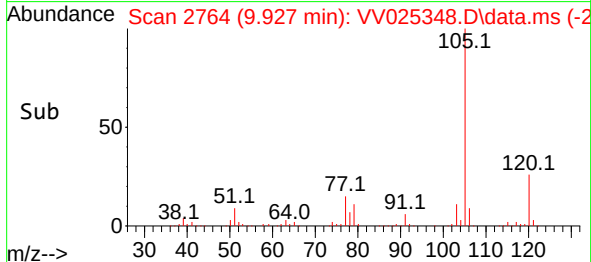
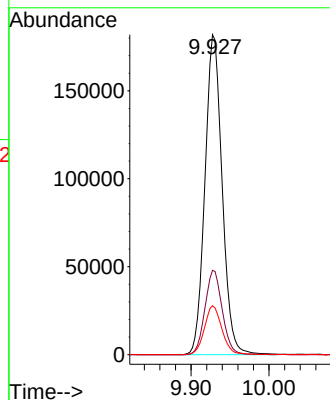
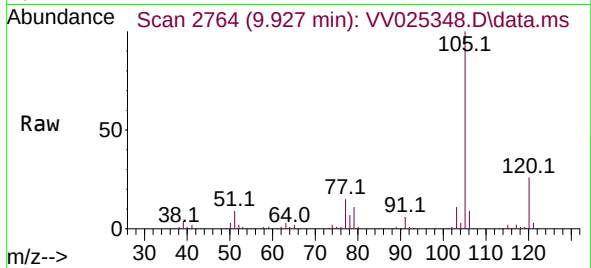




#60
Isopropylbenzene
Concen: 4.970 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

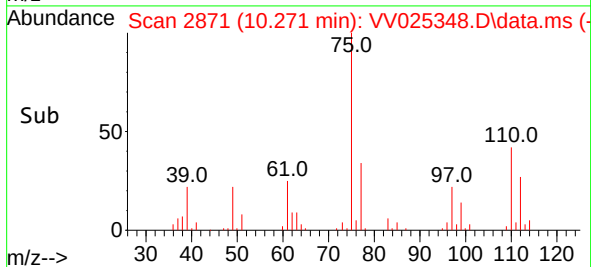
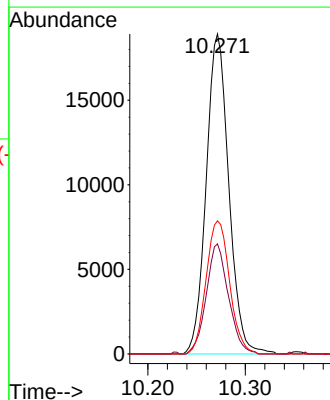
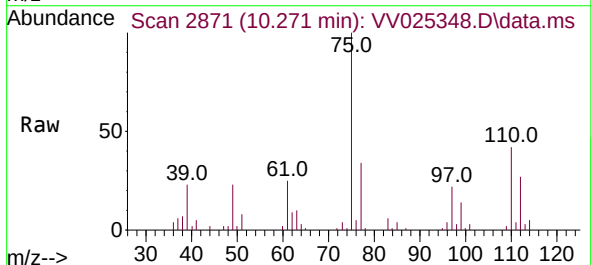
Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

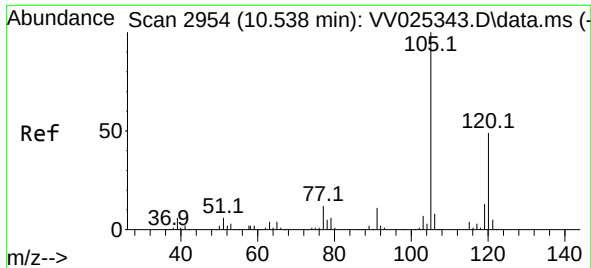
Tgt Ion:105 Resp: 279322
Ion Ratio Lower Upper
105 100
120 26.5 21.1 31.7
77 15.5 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.754 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

Tgt Ion: 75 Resp: 30483
Ion Ratio Lower Upper
75 100
77 33.8 25.8 38.6
110 43.2 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 4.727 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV025348.D

Acq: 05 Apr 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

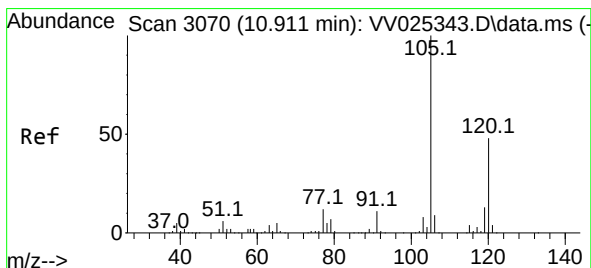
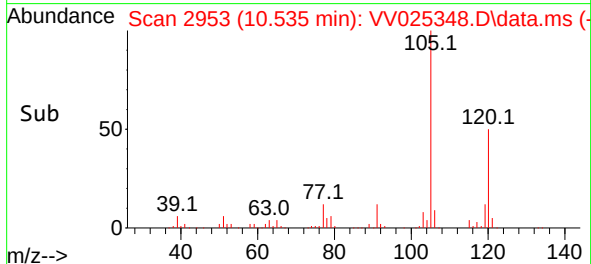
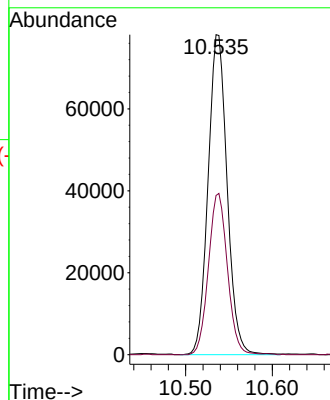
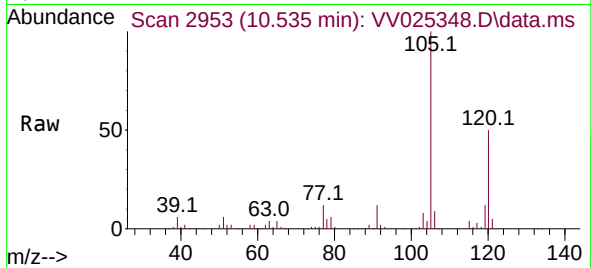
VSTD005366

Tgt Ion:105 Resp: 119138

Ion Ratio Lower Upper

105 100

120 50.2 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.013 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV025348.D

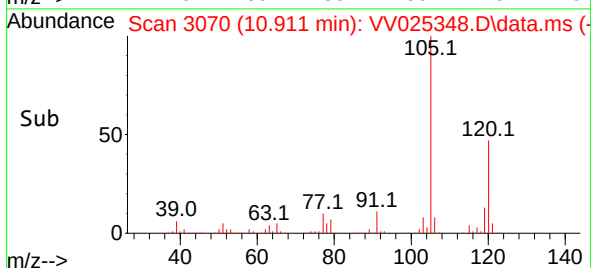
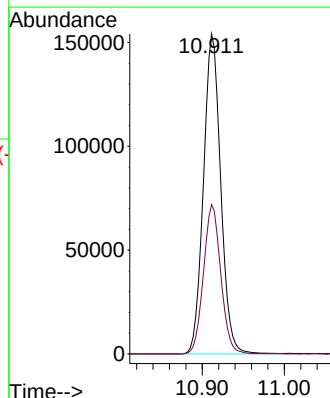
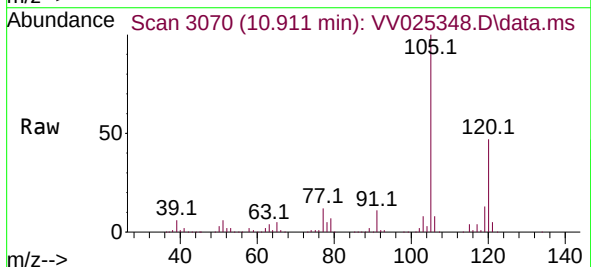
Acq: 05 Apr 2022 10:14

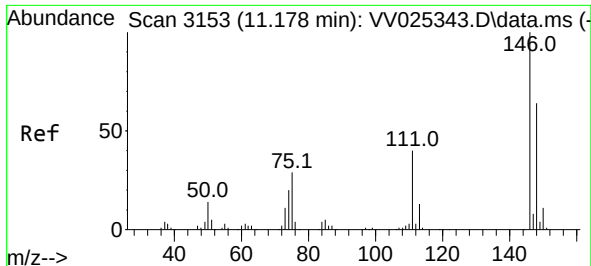
Tgt Ion:105 Resp: 225395

Ion Ratio Lower Upper

105 100

120 46.7 36.5 54.7

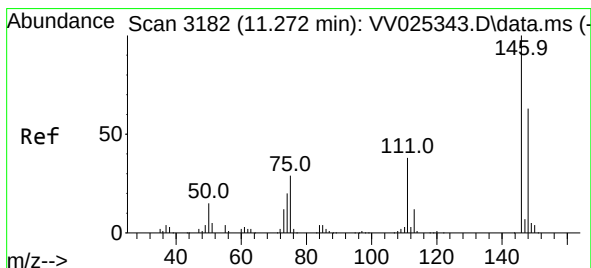
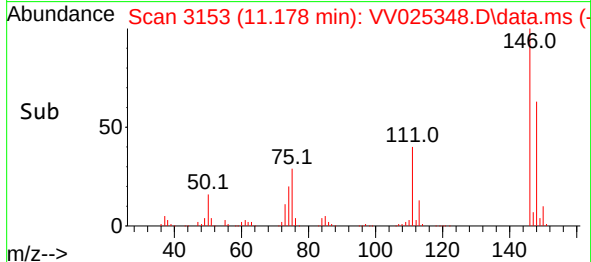
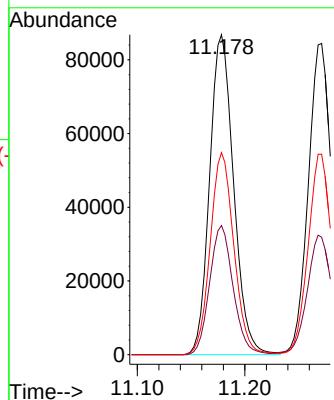
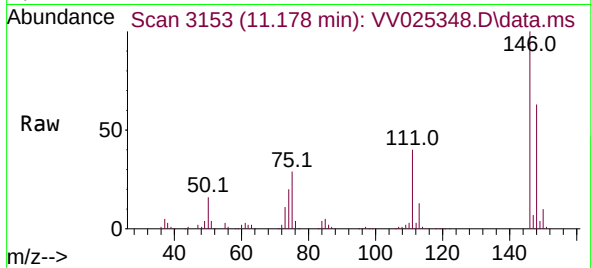




#64
1,3-Dichlorobenzene
Concen: 5.111 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

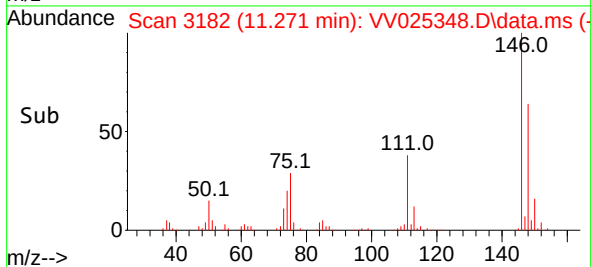
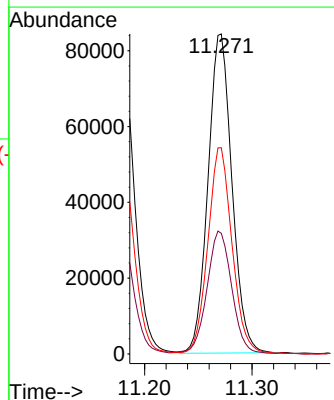
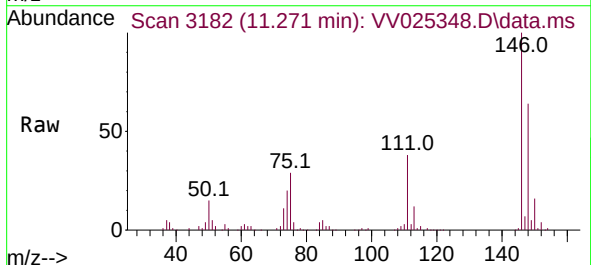
Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

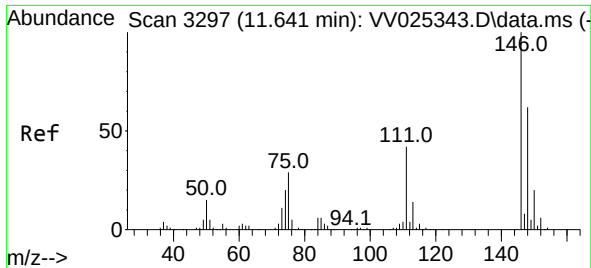
Tgt Ion:146 Resp: 134528
Ion Ratio Lower Upper
146 100
111 40.3 29.0 53.8
148 63.1 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 4.947 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

Tgt Ion:146 Resp: 130404
Ion Ratio Lower Upper
146 100
111 37.7 27.9 51.9
148 64.4 45.6 84.8

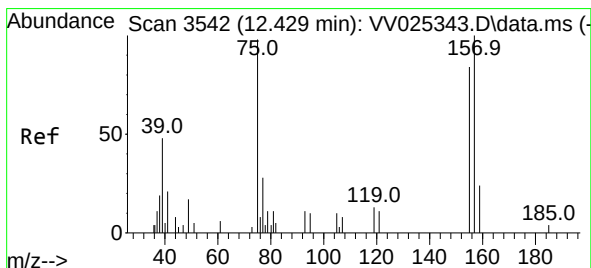
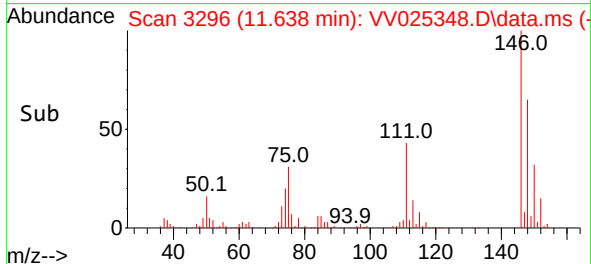
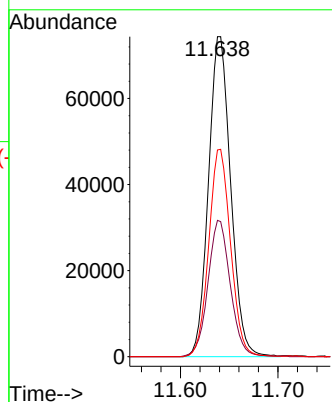
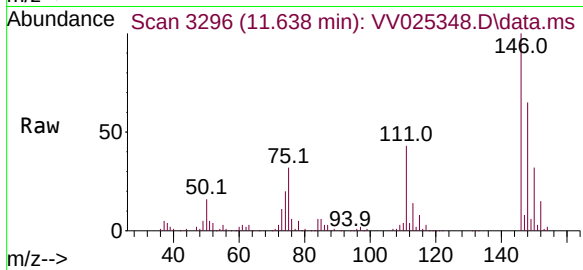




#67
1,2-Dichlorobenzene
Concen: 5.086 ug/L
RT: 11.638 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

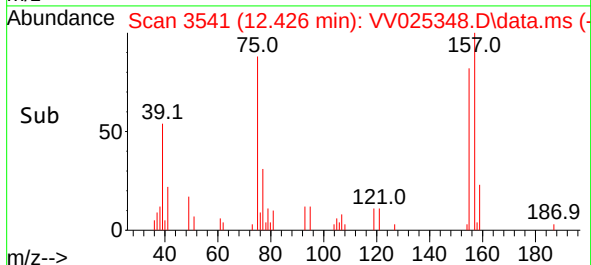
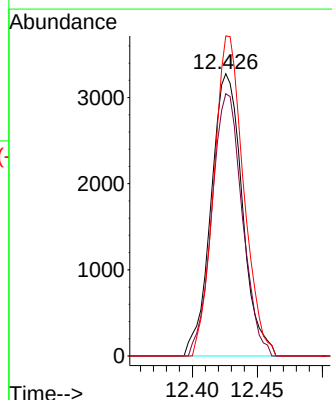
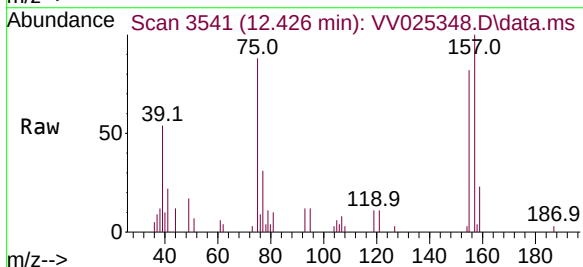
Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

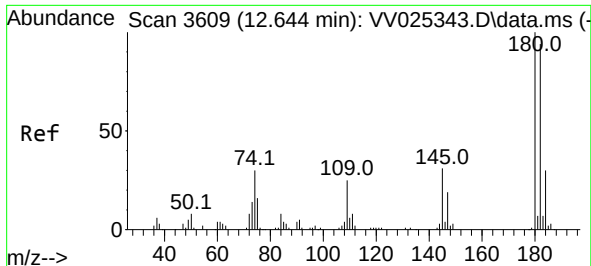
Tgt Ion:146 Resp: 117806
Ion Ratio Lower Upper
146 100
111 42.6 33.0 49.6
148 64.6 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.771 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

Tgt Ion: 75 Resp: 5477
Ion Ratio Lower Upper
75 100
155 92.9 80.0 120.0
157 113.4 94.5 141.7





#69

1,3,5-Trichlorobenzene

Concen: 5.108 ug/L

RT: 12.641 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VV025348.D

Acq: 05 Apr 2022 10:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD005366

Tgt Ion:180 Resp: 96988

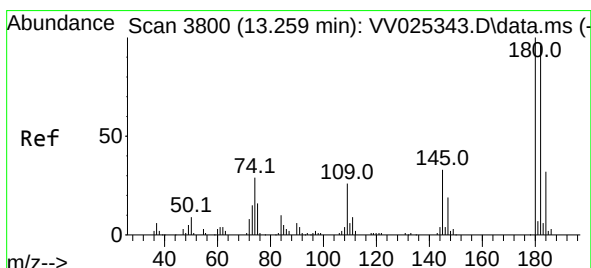
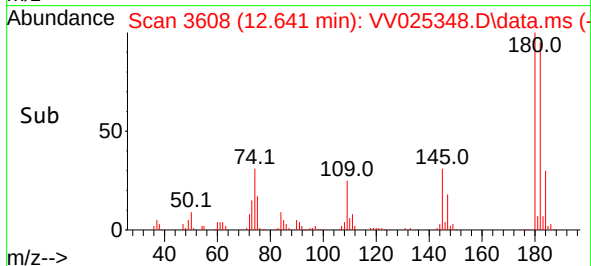
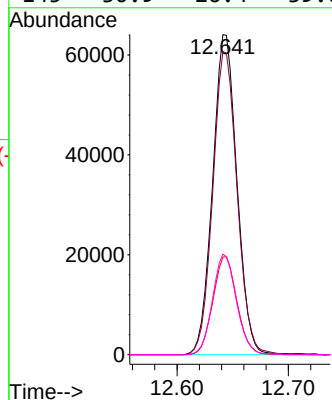
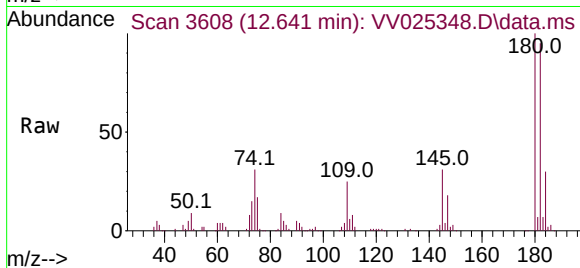
Ion Ratio Lower Upper

180 100

182 94.9 77.1 115.7

184 30.4 23.6 35.4

145 30.9 26.4 39.6



#70

1,2,4-trichlorobenzene

Concen: 5.042 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV025348.D

Acq: 05 Apr 2022 10:14

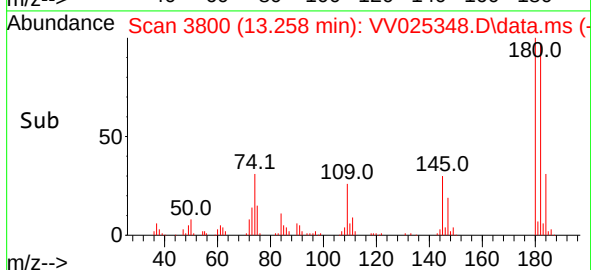
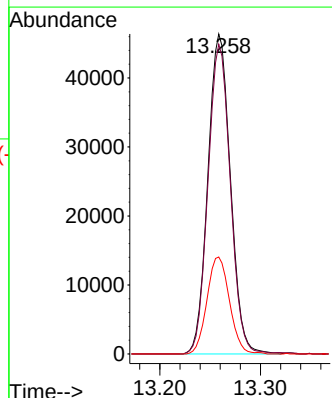
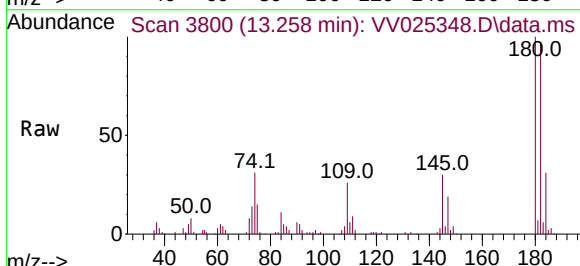
Tgt Ion:180 Resp: 72237

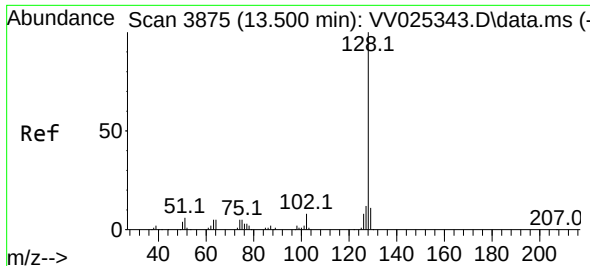
Ion Ratio Lower Upper

180 100

182 95.5 77.5 116.3

145 30.3 26.2 39.4

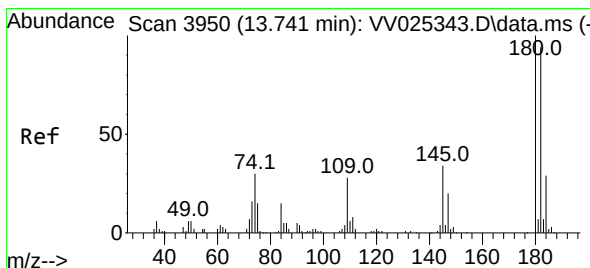
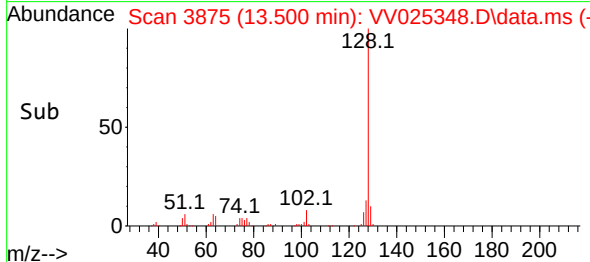
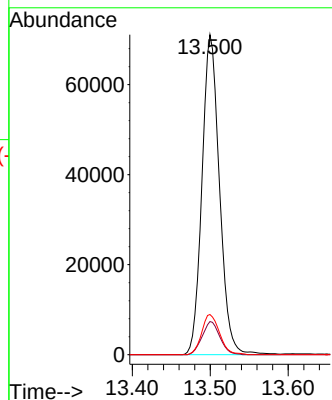
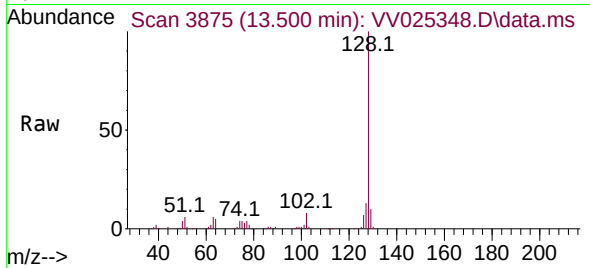




#71
Naphthalene
Concen: 4.966 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

Instrument :
MSVOA_V
ClientSampleId :
VSTD005366

Tgt Ion:128 Resp: 110870
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 12.8 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.189 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025348.D
Acq: 05 Apr 2022 10:14

Tgt Ion:180 Resp: 64052
Ion Ratio Lower Upper
180 100
182 94.1 75.8 113.6
145 32.4 28.6 42.8

