

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120621\
 Data File : VW023791.D
 Acq On : 06 Dec 2021 10:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 07 05:28:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	140359	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	135828	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	74005	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39536	3.431	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.564	69	33433	3.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.105	63	79664	3.923	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	3.918	46	78304	56.531	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.060%
24) Chloroform-d	4.346	84	92233	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.030	65	41509	4.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.047	84	170041	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.066	67	47239	4.554	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.313	98	165424	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	7.619	79	20545	4.914	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.088	63	75039	54.016	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.040%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34755	4.656	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	65403	4.999	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	56176	4.218	ug/L	98
3) Chloromethane	1.240	50	46240	3.994	ug/L	99
5) Vinyl chloride	1.310	62	49641	4.083	ug/L	98
6) Bromomethane	1.519	94	31632	4.588	ug/L	98
8) Chloroethane	1.584	64	30660	3.979	ug/L	97
9) Trichlorofluoromethane	1.751	101	85007	4.291	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	44227	4.455	ug/L	98
12) 1,1-Dichloroethene	2.114	96	39849	4.238	ug/L	88
13) Acetone	2.217	43	51758	41.525	ug/L	75
14) Carbon disulfide	2.291	76	126059	3.988	ug/L	99
15) Methyl Acetate	2.439	43	12496	4.417	ug/L	99
16) Methylene chloride	2.503	84	48693	3.629	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	93981	4.877	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	45855	4.281	ug/L	100
19) 1,1-Dichloroethane	3.185	63	78965	4.384	ug/L	99
21) 2-Butanone	3.992	43	78728	49.904	ug/L	92
22) cis-1,2-Dichloroethene	3.908	96	49427	4.812	ug/L	92
23) Bromochloromethane	4.249	128	21855	4.533	ug/L	91
25) Chloroform	4.371	83	86122	4.292	ug/L	96

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 Response via : Initial Calibration

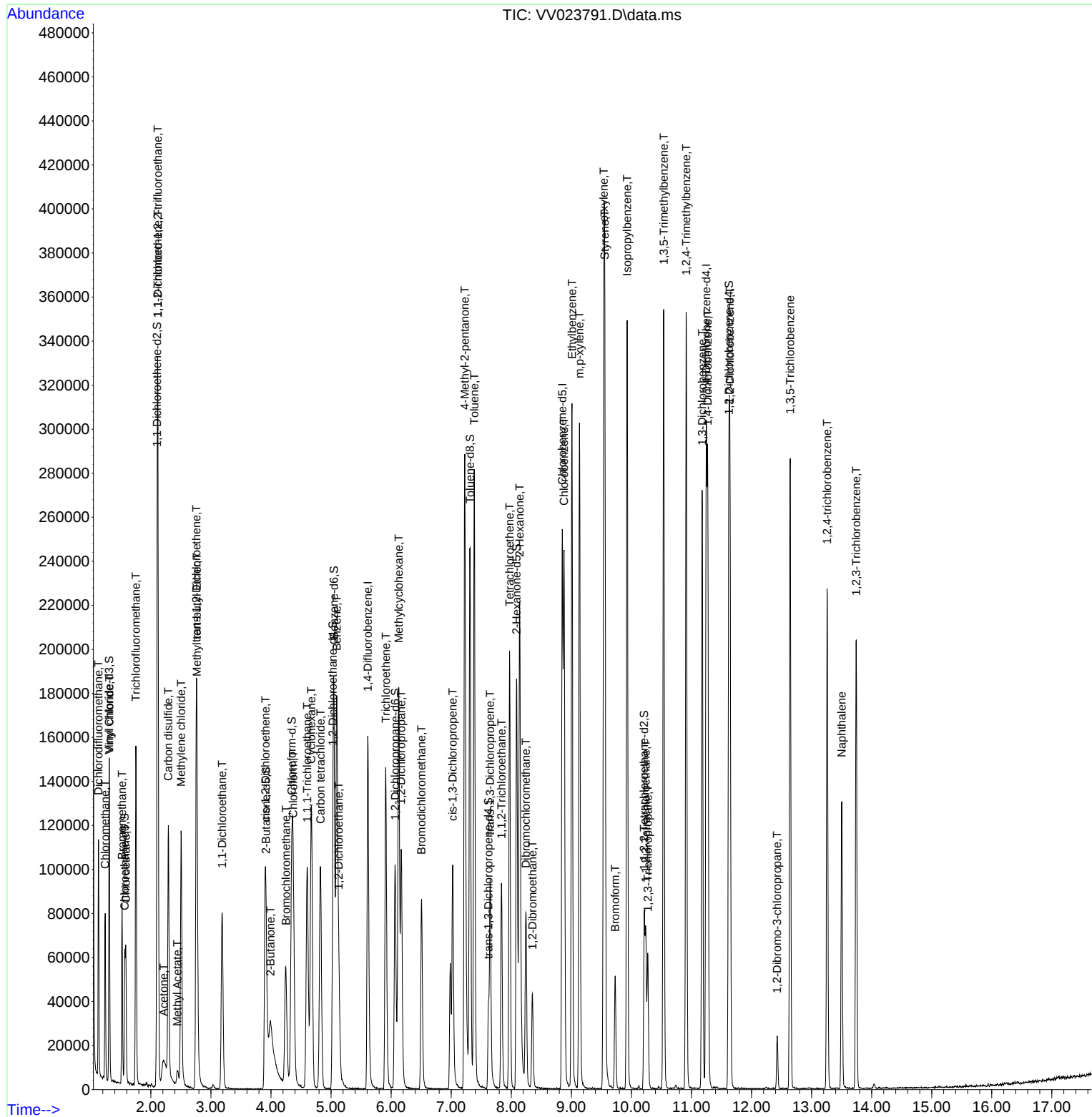
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	47400	4.444	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	82140	4.628	ug/L	100
30) Cyclohexane	4.670	56	67628	4.566	ug/L	97
31) Carbon tetrachloride	4.825	117	75398	4.637	ug/L	100
33) Benzene	5.095	78	180984	4.674	ug/L	100
34) Trichloroethene	5.911	95	49442	4.766	ug/L	98
35) Methylcyclohexane	6.127	83	76413	4.725	ug/L	98
37) 1,2-Dichloropropane	6.169	63	41921	4.554	ug/L	98
38) Bromodichloromethane	6.506	83	58168	4.656	ug/L	95
39) cis-1,3-Dichloropropene	7.024	75	63322	4.834	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	206502	46.997	ug/L	98
42) Toluene	7.384	91	200766	4.781	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	53843	4.891	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	30537	4.791	ug/L	98
47) Tetrachloroethene	7.972	164	45014	4.768	ug/L	99
48) 2-Hexanone	8.140	43	152125	46.842	ug/L	97
49) Dibromochloromethane	8.243	129	41320	4.731	ug/L	98
50) 1,2-Dibromoethane	8.352	107	28919	4.653	ug/L	97
51) Chlorobenzene	8.879	112	130609	4.691	ug/L	97
52) Ethylbenzene	9.011	91	215308	4.905	ug/L	100
53) m,p-xylene	9.136	106	87565	5.012	ug/L	97
54) o-xylene	9.542	106	82004	4.936	ug/L	97
55) Styrene	9.558	104	138436	4.945	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	31618	4.459	ug/L	99
59) Bromoform	9.731	173	23960	4.902	ug/L	100
60) Isopropylbenzene	9.931	105	224373	5.078	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	23329	4.445	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	187786	5.107	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	190058	5.227	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	112179	4.965	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	110188	4.853	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	100701	4.870	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5579	5.353	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	87606	4.967	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	70728	5.168	ug/L	99
71) Naphthalene	13.503	128	104271	5.661	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	62258	5.250	ug/L	99

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

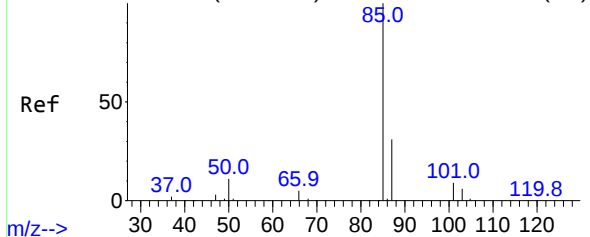
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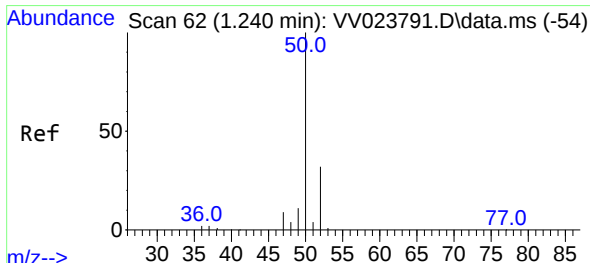
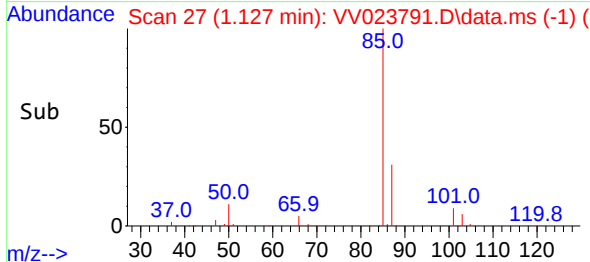
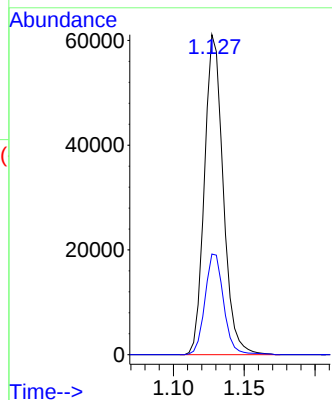
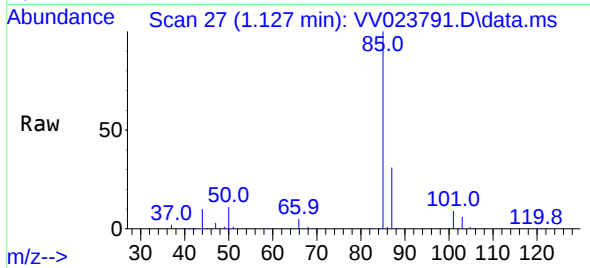
Abundance Scan 27 (1.127 min): VV023791.D\data.ms (-20)



#2
Dichlorodifluoromethane
Concen: 4.218 ug/L
RT: 1.127 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

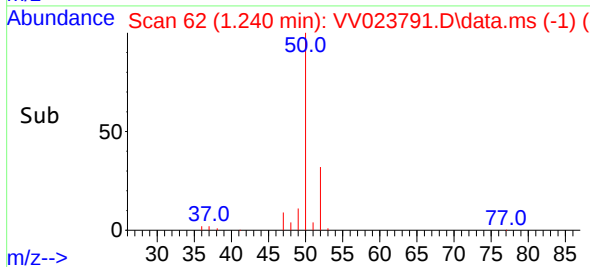
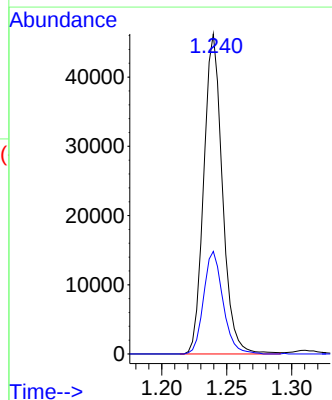
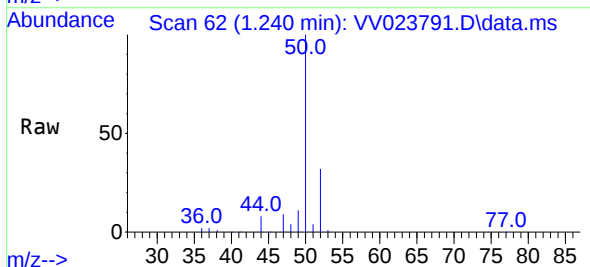
Instrument :
MSVOA_V
ClientSampleId :

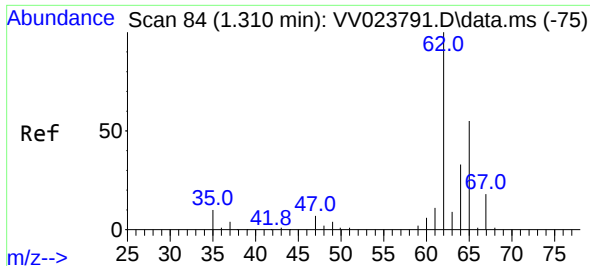
Tgt Ion: 85 Resp: 56176
Ion Ratio Lower Upper
85 100
87 31.4 26.0 39.0



#3
Chloromethane
Concen: 3.994 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

Tgt Ion: 50 Resp: 46240
Ion Ratio Lower Upper
50 100
52 32.1 22.0 41.0

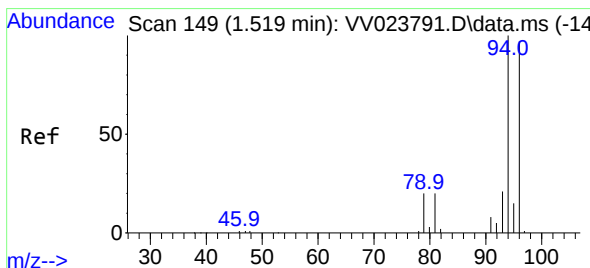
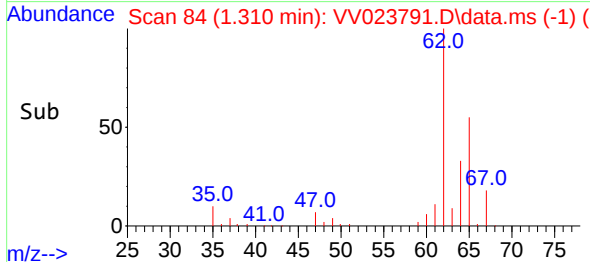
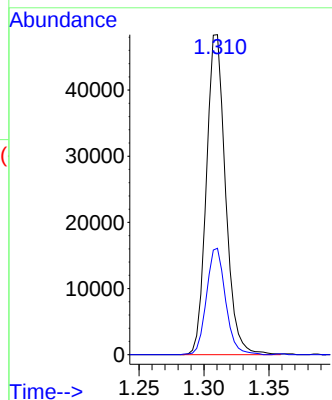
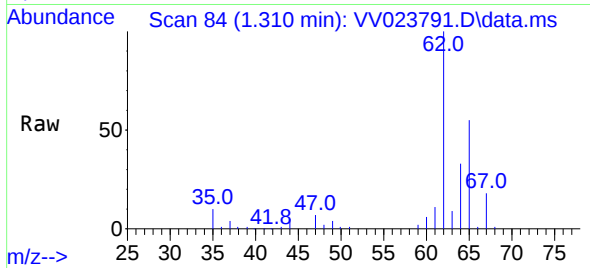




#5
 Vinyl chloride
 Concen: 4.083 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023791.D
 Acq: 06 Dec 2021 10:43

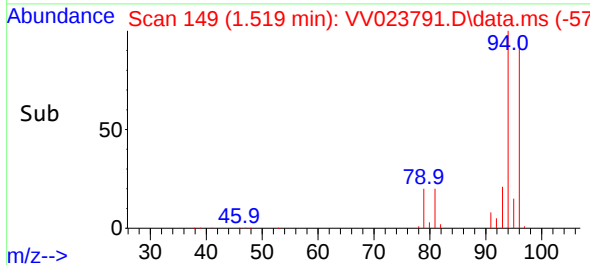
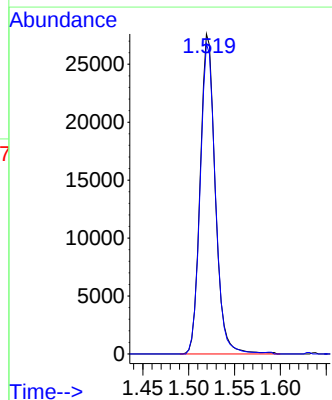
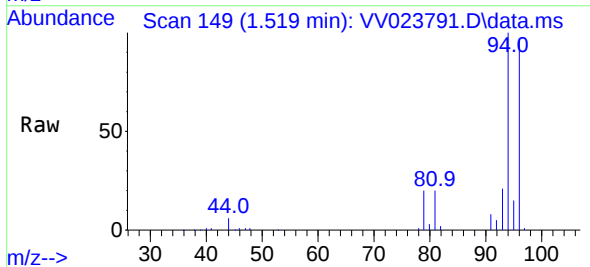
Instrument :
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 ClientSampleId :

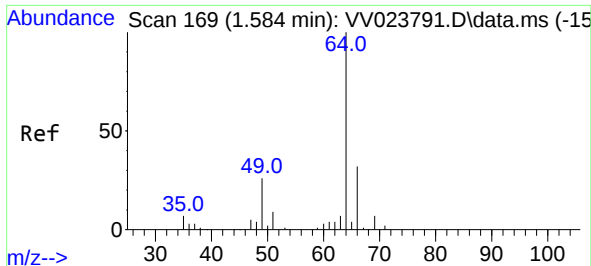
Tgt Ion: 62 Resp: 49641
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.4 41.6



#6
 Bromomethane
 Concen: 4.588 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023791.D
 Acq: 06 Dec 2021 10:43

Tgt Ion: 94 Resp: 31632
 Ion Ratio Lower Upper
 94 100
 96 96.9 66.2 123.0

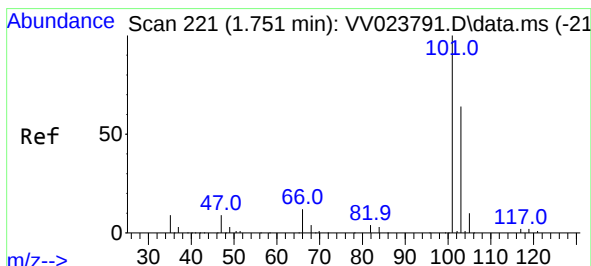
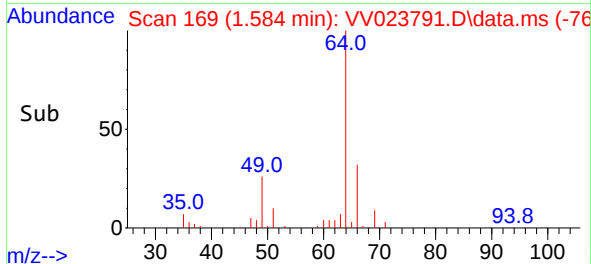
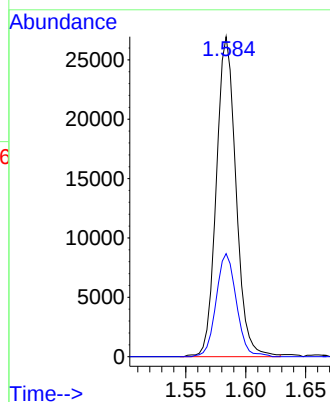
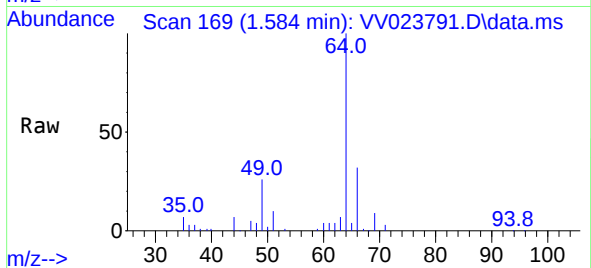




#8
Chloroethane
Concen: 3.979 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

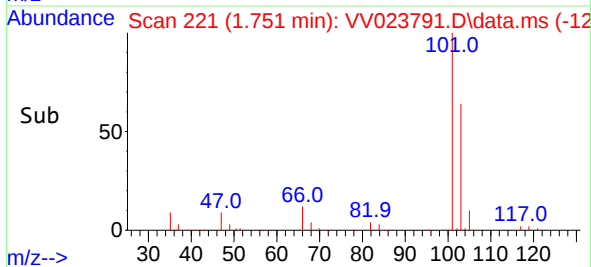
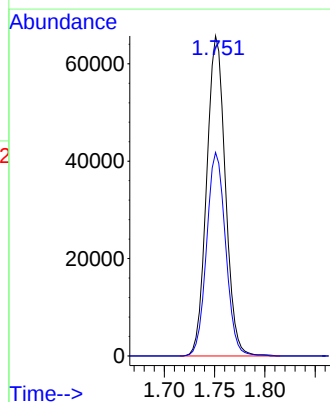
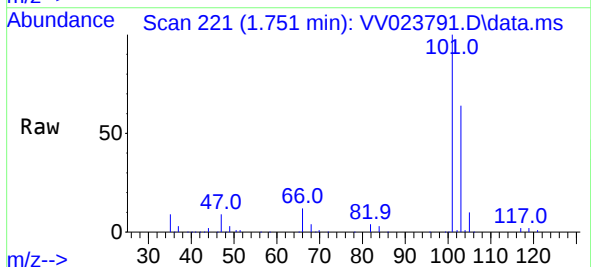
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MSVOA_V
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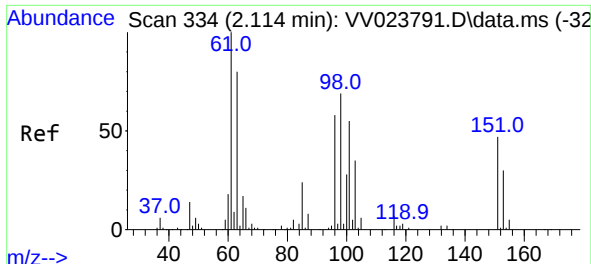
Tgt Ion: 64 Resp: 30660
Ion Ratio Lower Upper
64 100
66 32.2 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.291 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

Tgt Ion:101 Resp: 85007
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4



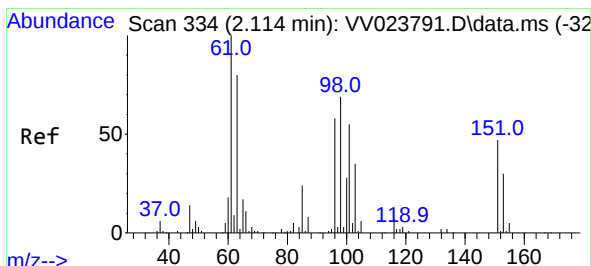
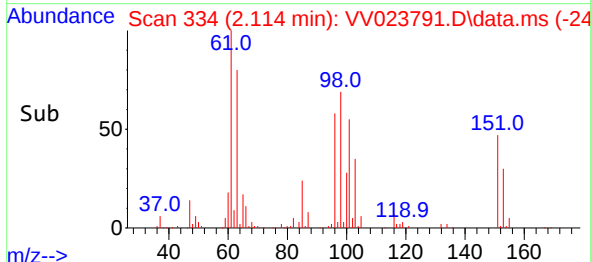
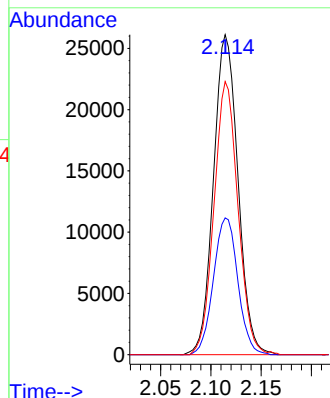
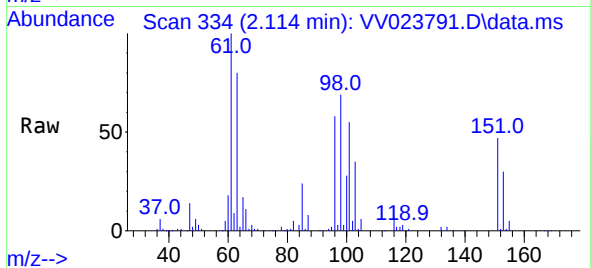


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.455 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV023791.D
 Acq: 06 Dec 2021 10:43

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:101 Resp: 44227

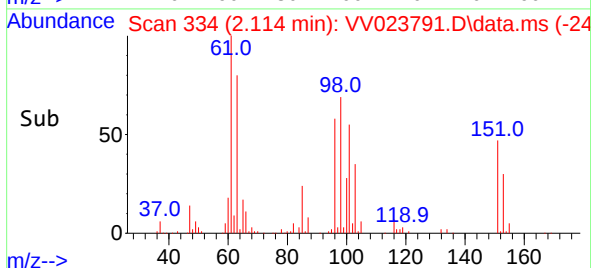
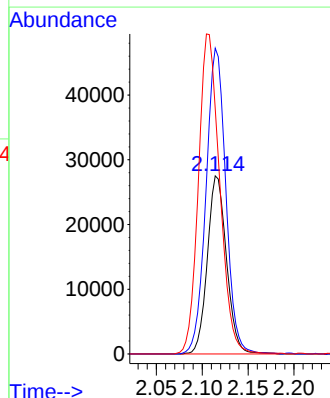
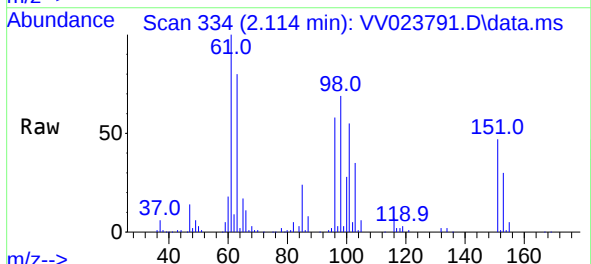
Ion	Ratio	Lower	Upper
101	100		
85	42.7	36.0	54.0
151	83.7	66.4	99.6

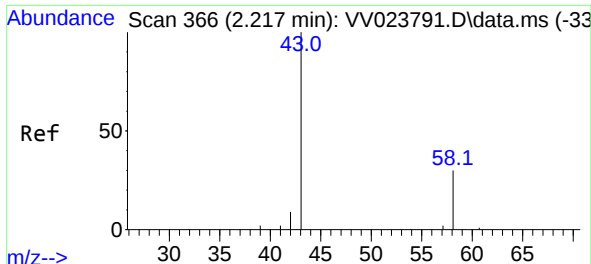


#12
 1,1-Dichloroethene
 Concen: 4.238 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV023791.D
 Acq: 06 Dec 2021 10:43

Tgt Ion: 96 Resp: 39849

Ion	Ratio	Lower	Upper
96	100		
61	171.7	116.1	215.5
63	137.7	79.4	147.4





#13

Acetone

Concen: 41.525 ug/L

RT: 2.217 min Scan# 366

Delta R.T. -0.006 min

Lab File: VV023791.D

Acq: 06 Dec 2021 10:43

Instrument :

MSVOA_V

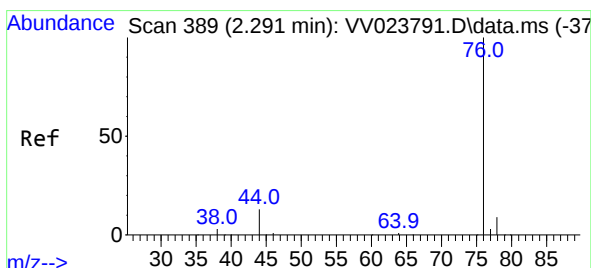
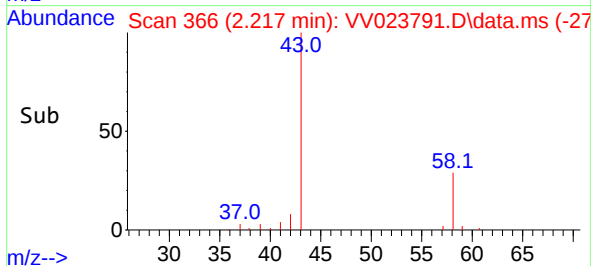
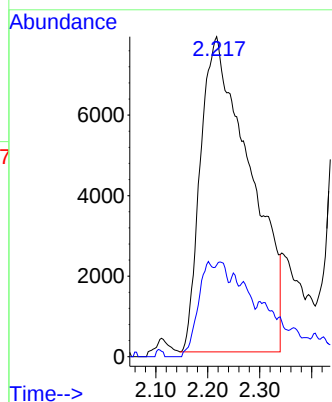
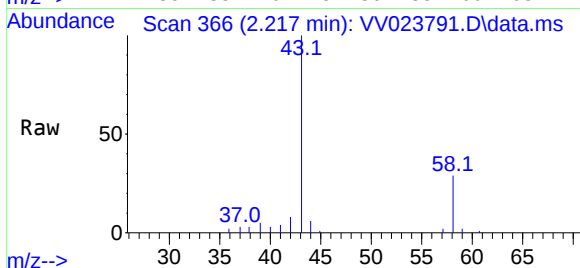
ClientSampleId :

Tgt Ion: 43 Resp: 51758

Ion Ratio Lower Upper

43 100

58 9.2 0.0 41.4



#14

Carbon disulfide

Concen: 3.988 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV023791.D

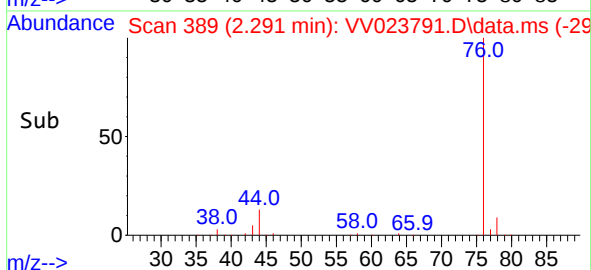
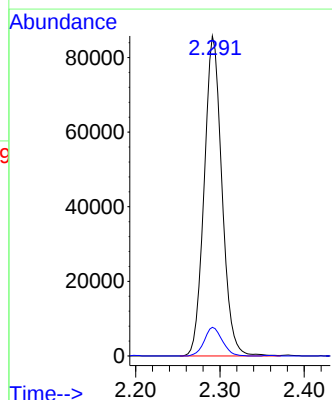
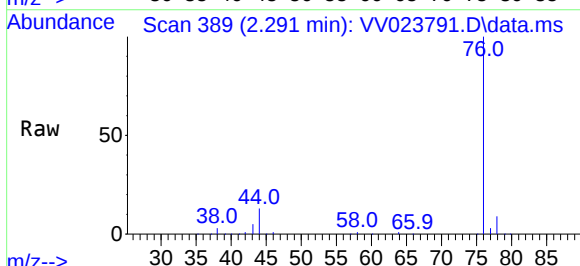
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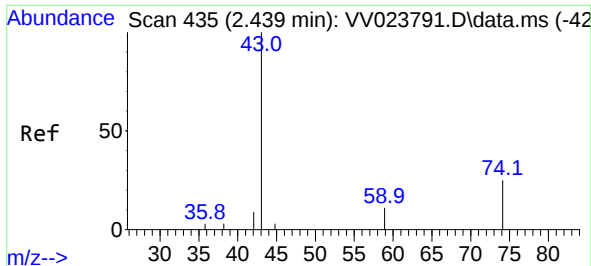
Tgt Ion: 76 Resp: 126059

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3





#15

Methyl Acetate

Concen: 4.417 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV023791.D

Acq: 06 Dec 2021 10:43

Instrument :

MSVOA_V

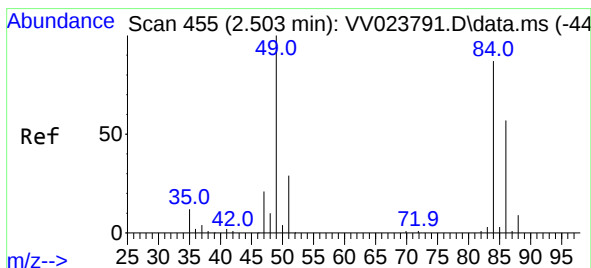
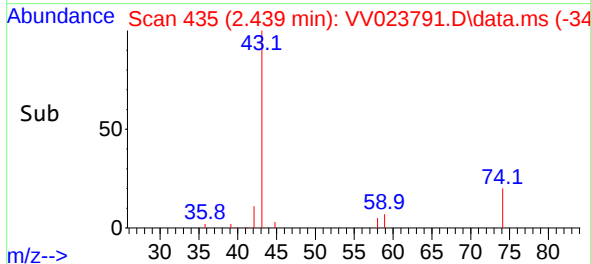
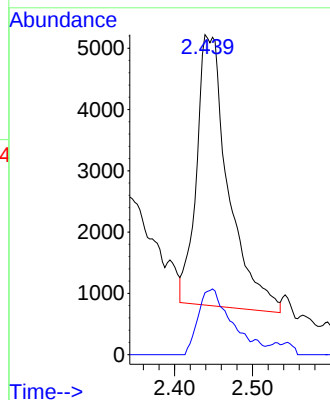
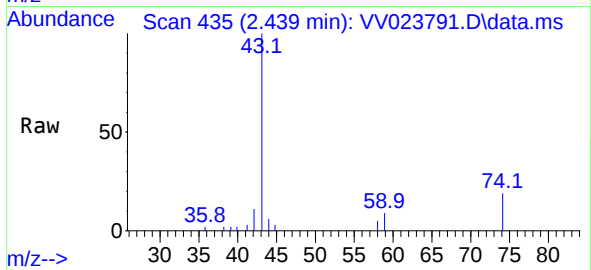
ClientSampleId :

Tgt Ion: 43 Resp: 12496

Ion Ratio Lower Upper

43 100

74 24.6 20.2 30.2



#16

Methylene chloride

Concen: 3.629 ug/L

RT: 2.503 min Scan# 455

Delta R.T. -0.003 min

Lab File: VV023791.D

Acq: 06 Dec 2021 10:43

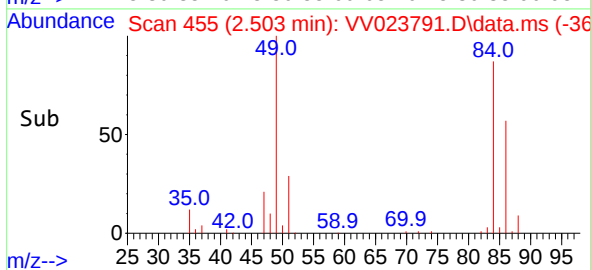
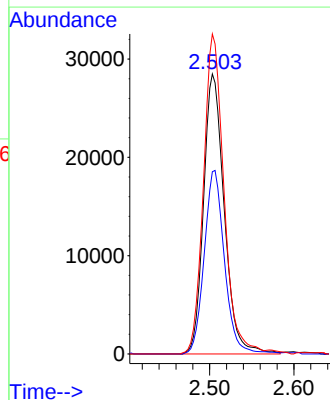
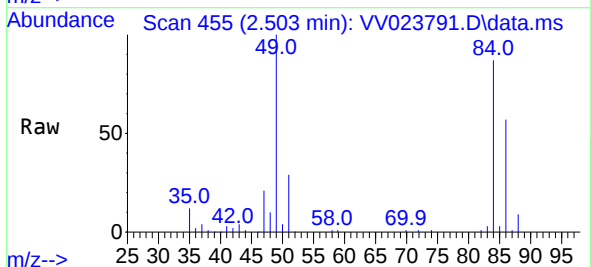
Tgt Ion: 84 Resp: 48693

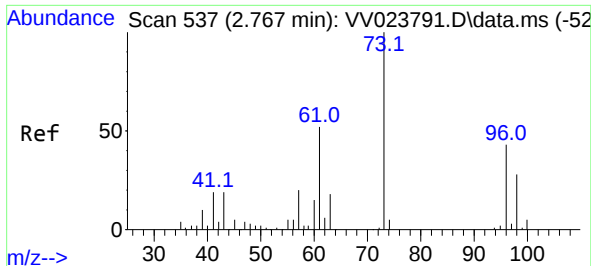
Ion Ratio Lower Upper

84 100

86 65.1 42.6 79.0

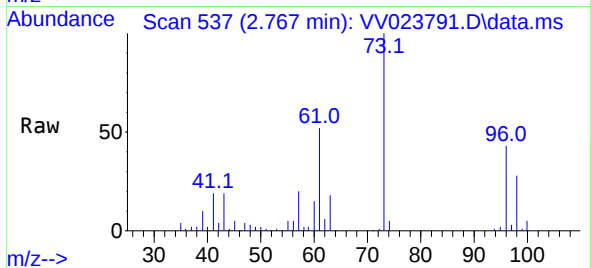
49 114.3 79.7 147.9



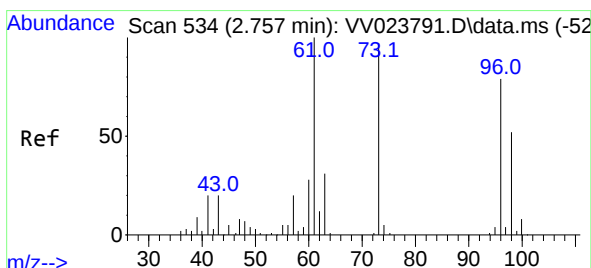
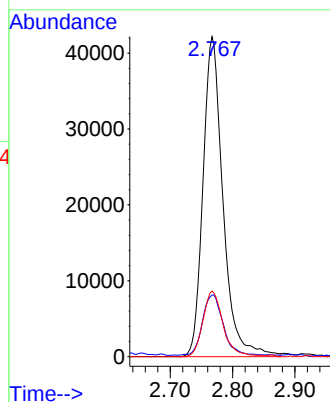
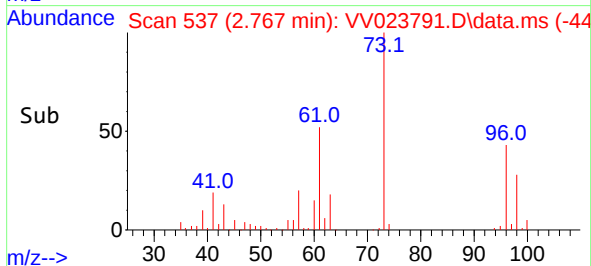


#17
Methyl tert-butyl Ether
Concen: 4.877 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

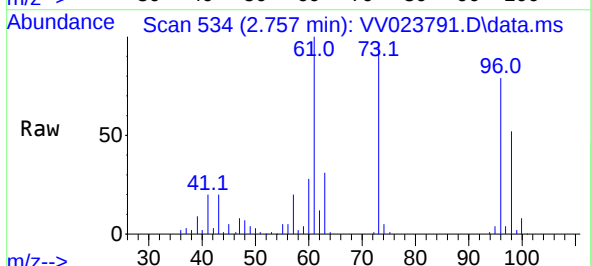
Instrument :
MSVOA_V
ClientSampleId :



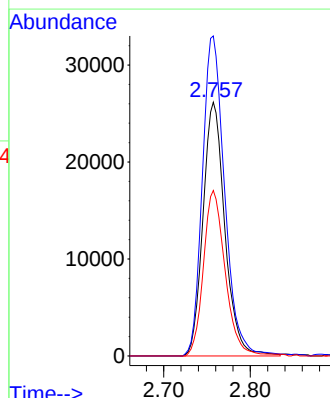
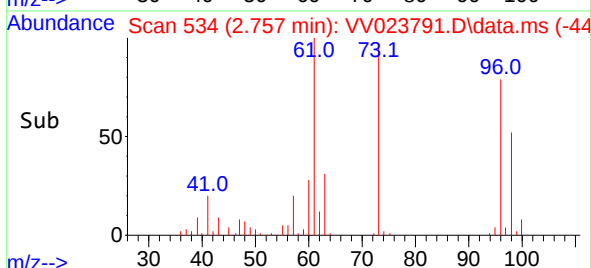
Tgt Ion: 73 Resp: 93981
Ion Ratio Lower Upper
73 100
43 19.4 15.5 23.3
57 20.7 17.1 25.7

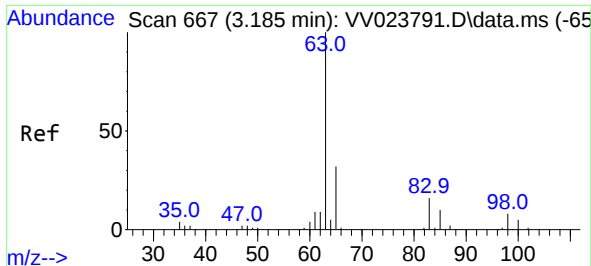


#18
trans-1,2-Dichloroethene
Concen: 4.281 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43



Tgt Ion: 96 Resp: 45855
Ion Ratio Lower Upper
96 100
61 126.1 88.2 163.8
98 65.2 44.9 83.5

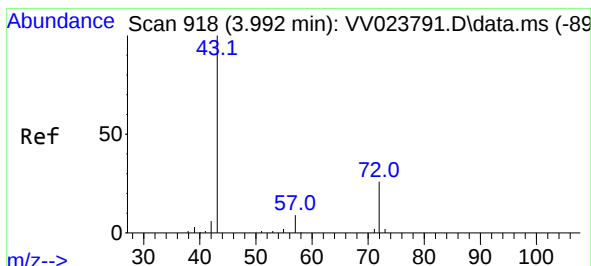
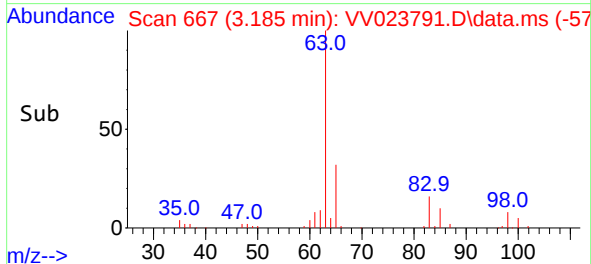
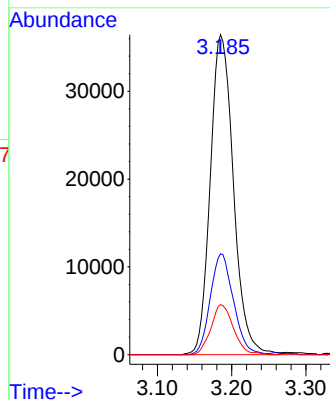
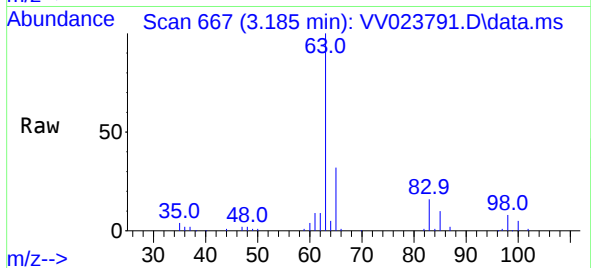




#19
1,1-Dichloroethane
Concen: 4.384 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

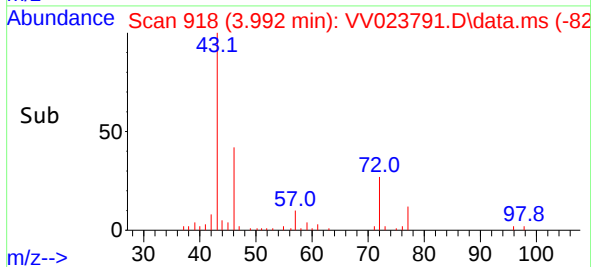
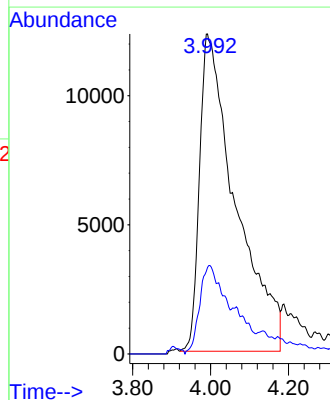
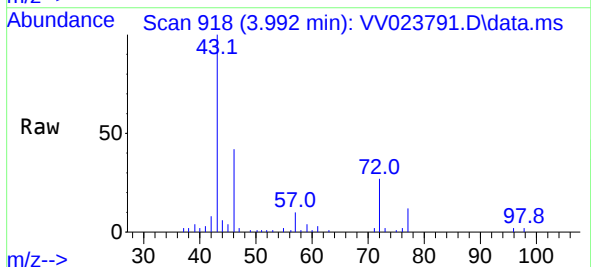
Instrument :
MSVOA_V
ClientSampleId :

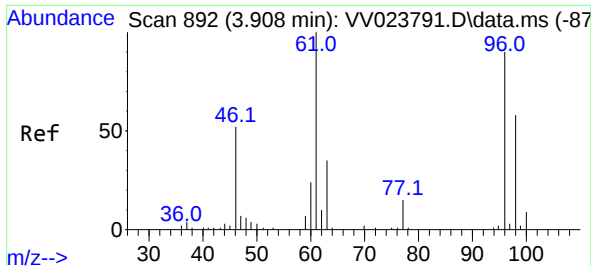
Tgt Ion: 63 Resp: 78965
Ion Ratio Lower Upper
63 100
65 31.5 22.3 41.3
83 15.7 10.7 19.9



#21
2-Butanone
Concen: 49.904 ug/L
RT: 3.992 min Scan# 918
Delta R.T. -0.010 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

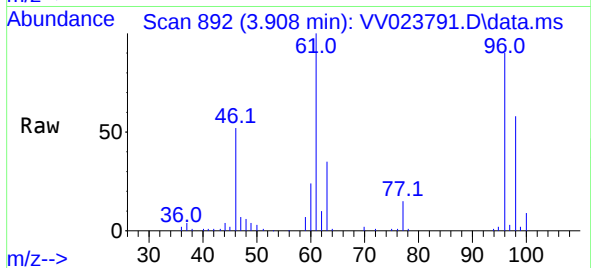
Tgt Ion: 43 Resp: 78728
Ion Ratio Lower Upper
43 100
72 18.1 11.1 33.1





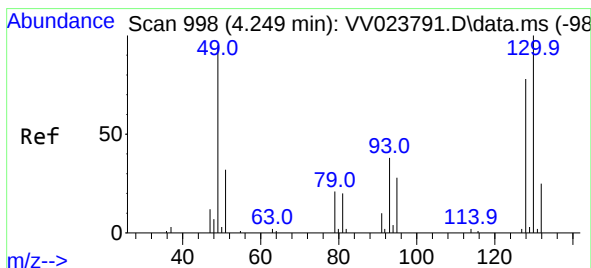
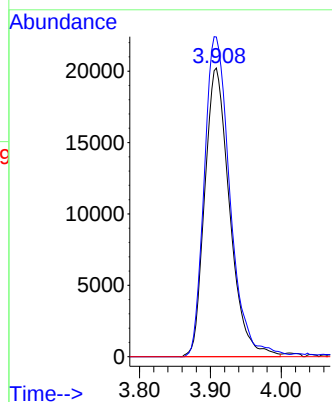
#22
 cis-1,2-Dichloroethene
 Concen: 4.812 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV023791.D
 Acq: 06 Dec 2021 10:43

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 49427

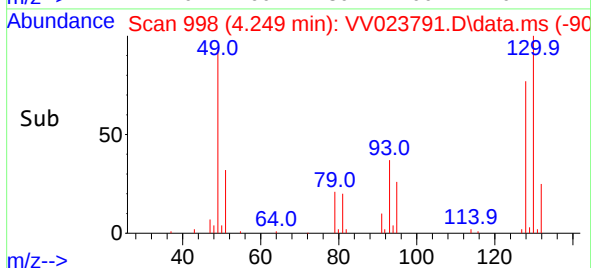
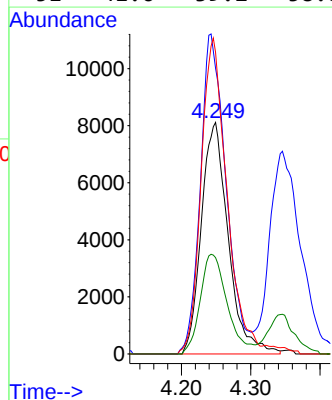
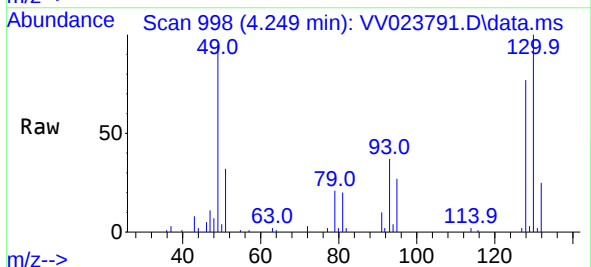
Ion	Ratio	Lower	Upper
96	100		
61	110.8	83.4	154.8
68	0.0	0.0	0.0

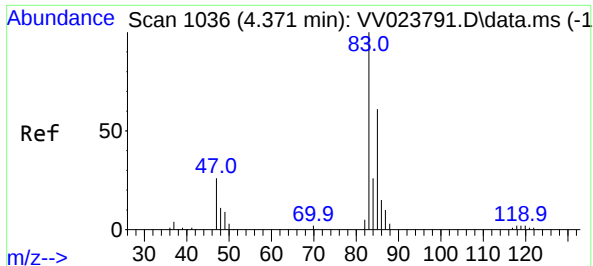


#23
 Bromochloromethane
 Concen: 4.533 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV023791.D
 Acq: 06 Dec 2021 10:43

Tgt Ion: 128 Resp: 21855

Ion	Ratio	Lower	Upper
128	100		
49	123.4	100.2	186.2
130	130.3	92.5	171.7
51	41.6	39.2	58.8





#25

Chloroform

Concen: 4.292 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV023791.D

Acq: 06 Dec 2021 10:43

Instrument :

MSVOA_V

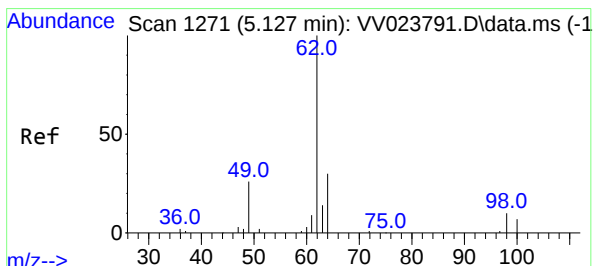
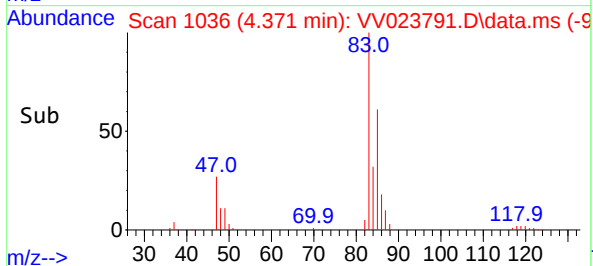
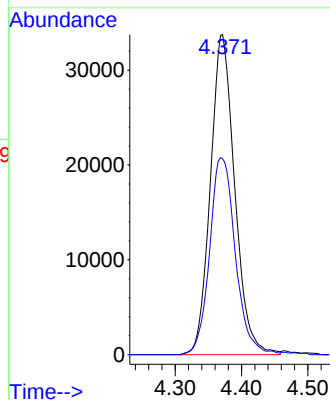
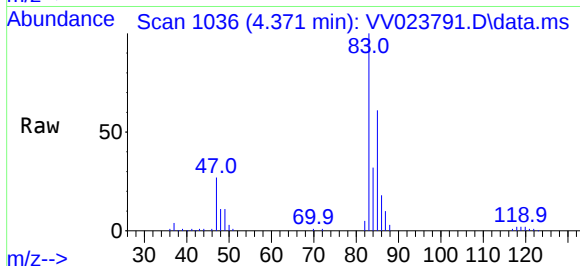
ClientSampleId :

Tgt Ion: 83 Resp: 86122

Ion Ratio Lower Upper

83 100

85 61.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.444 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV023791.D

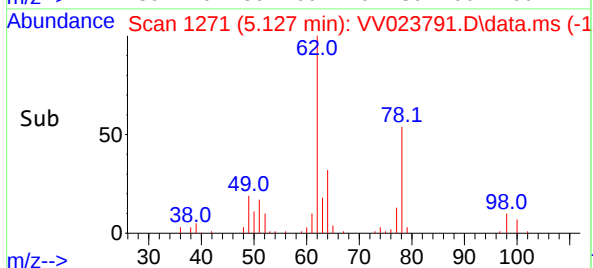
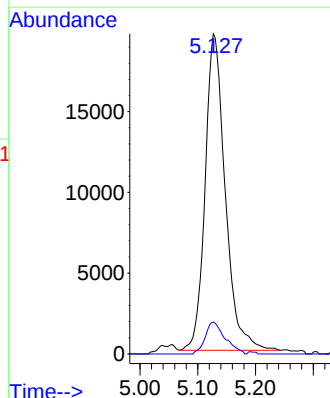
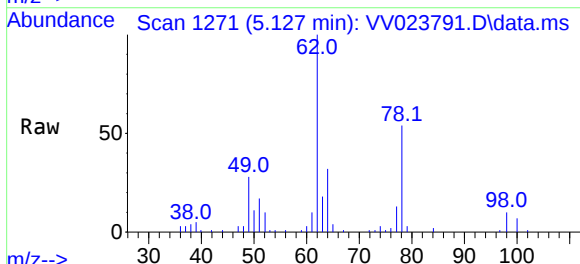
Acq: 06 Dec 2021 10:43

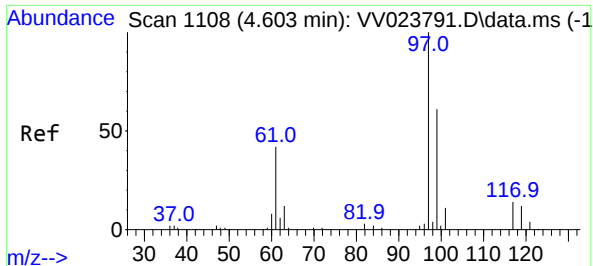
Tgt Ion: 62 Resp: 47400

Ion Ratio Lower Upper

62 100

98 9.9 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 4.628 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV023791.D

Acq: 06 Dec 2021 10:43

Instrument :

MSVOA_V

ClientSampleId :

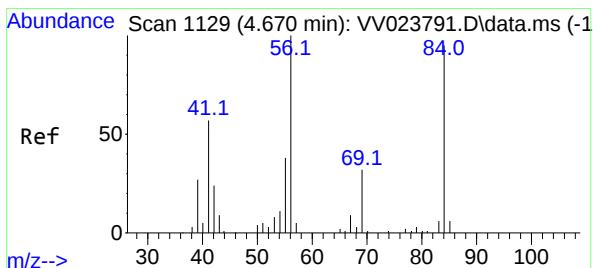
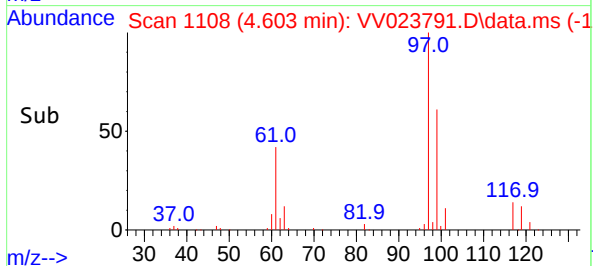
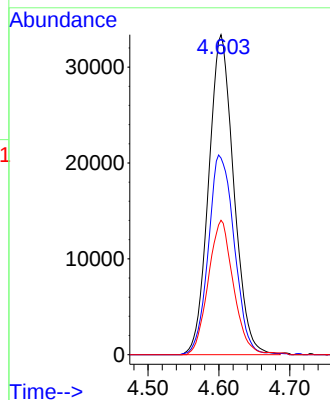
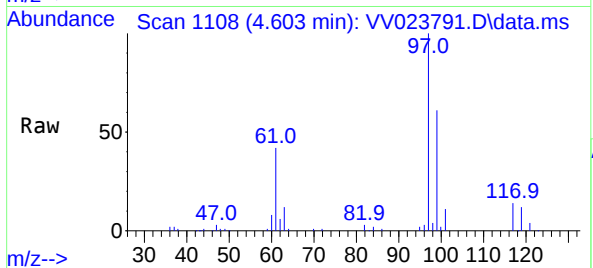
Tgt Ion: 97 Resp: 82140

Ion Ratio Lower Upper

97 100

99 64.7 51.9 77.9

61 41.9 33.2 49.8



#30

Cyclohexane

Concen: 4.566 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV023791.D

Acq: 06 Dec 2021 10:43

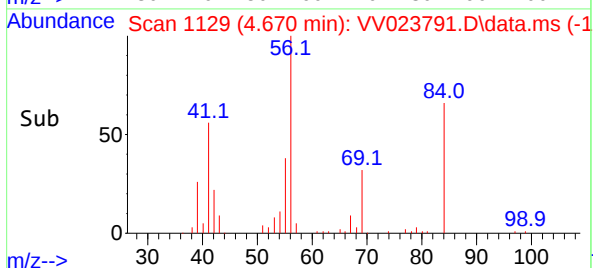
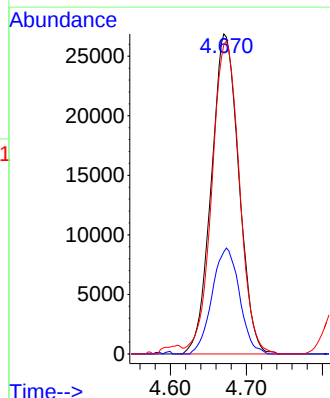
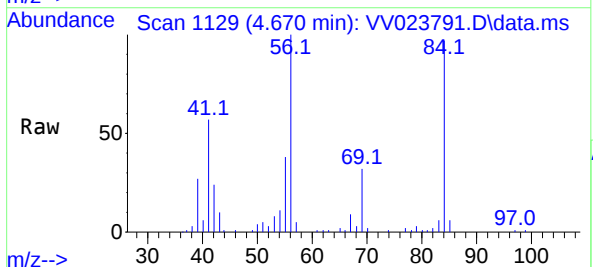
Tgt Ion: 56 Resp: 67628

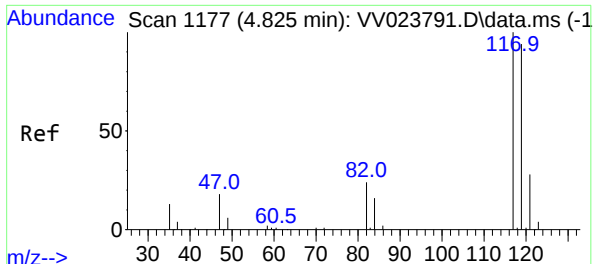
Ion Ratio Lower Upper

56 100

69 32.8 24.8 37.2

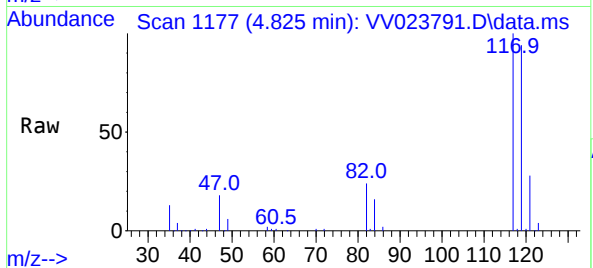
84 97.3 75.9 113.9



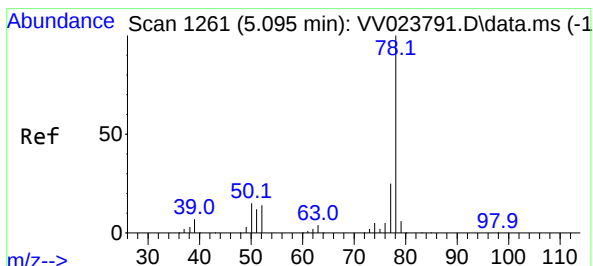
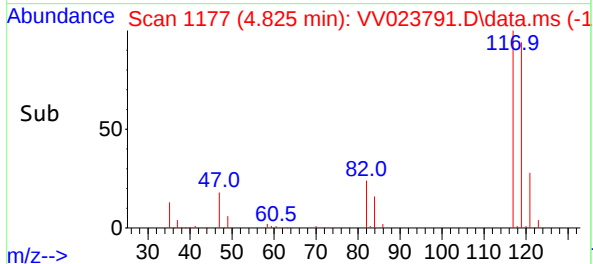
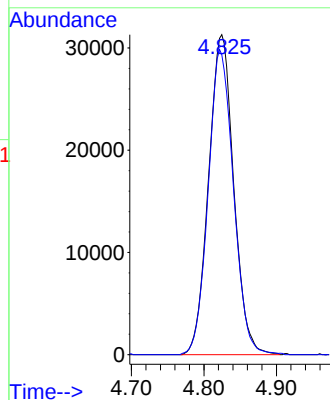


#31
Carbon tetrachloride
Concen: 4.637 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

Instrument :
MSVOA_V
ClientSampleId :

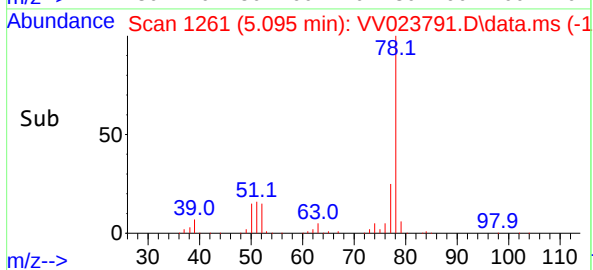
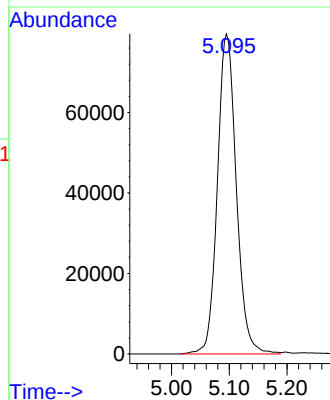
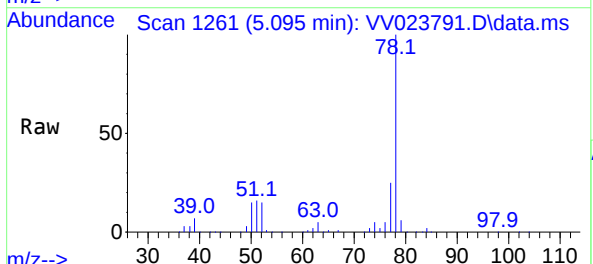


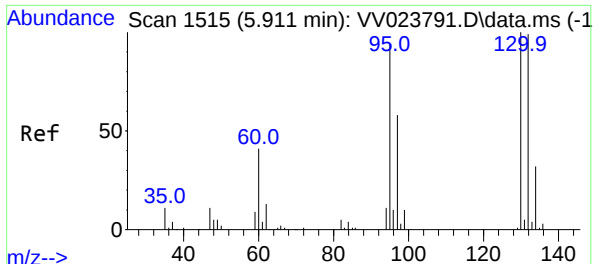
Tgt Ion:117 Resp: 75398
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8



#33
Benzene
Concen: 4.674 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

Tgt Ion: 78 Resp: 180984





#34

Trichloroethene

Concen: 4.766 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VV023791.D

Acq: 06 Dec 2021 10:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 49442

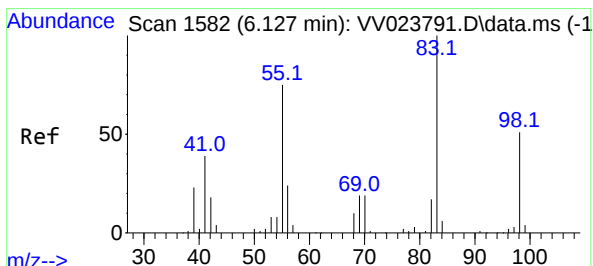
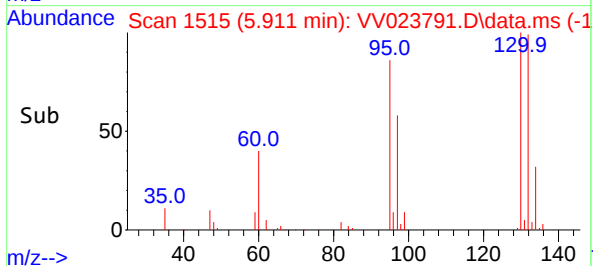
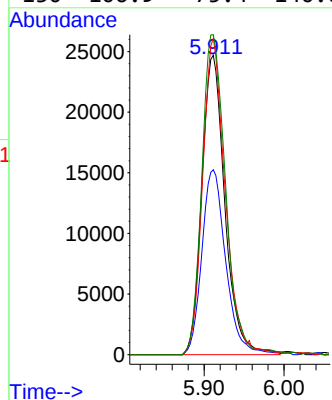
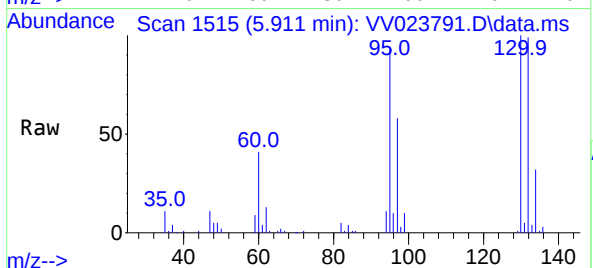
Ion Ratio Lower Upper

95 100

97 61.8 45.2 84.0

132 105.7 76.1 141.3

130 106.9 75.4 140.0



#35

Methylcyclohexane

Concen: 4.725 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VV023791.D

Acq: 06 Dec 2021 10:43

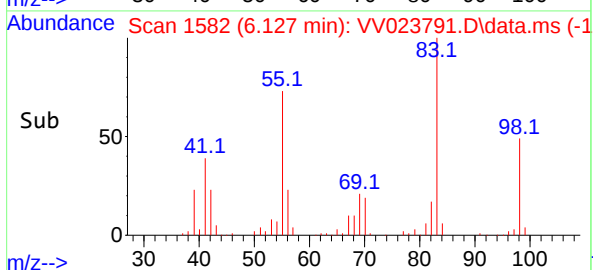
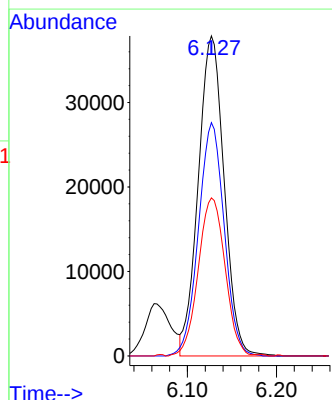
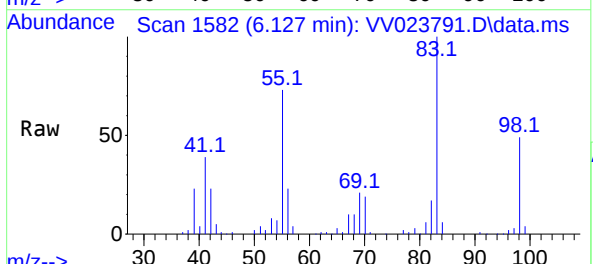
Tgt Ion: 83 Resp: 76413

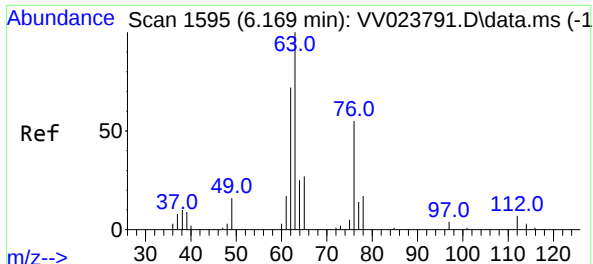
Ion Ratio Lower Upper

83 100

55 72.6 60.2 90.2

98 51.1 41.0 61.4

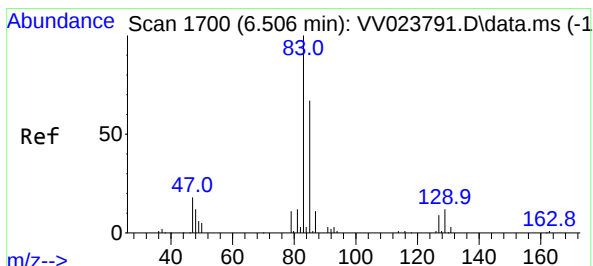
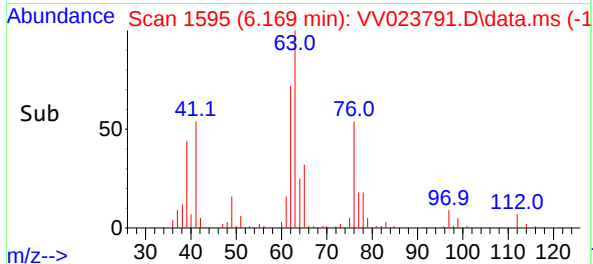
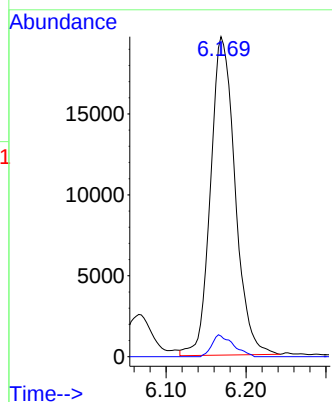
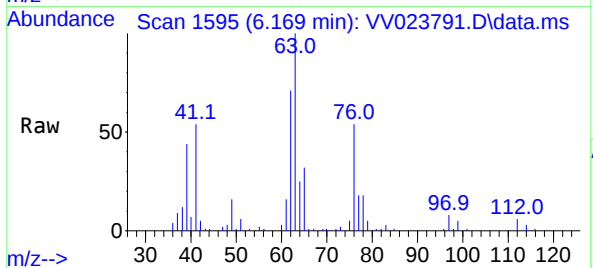




#37
1,2-Dichloropropane
Concen: 4.554 ug/L
RT: 6.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

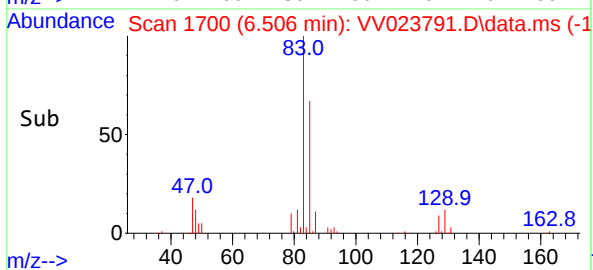
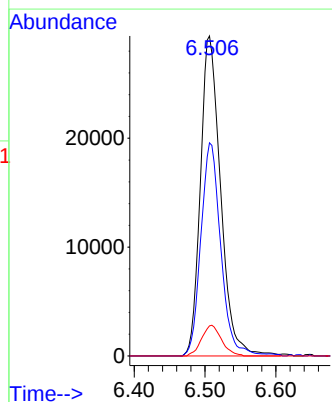
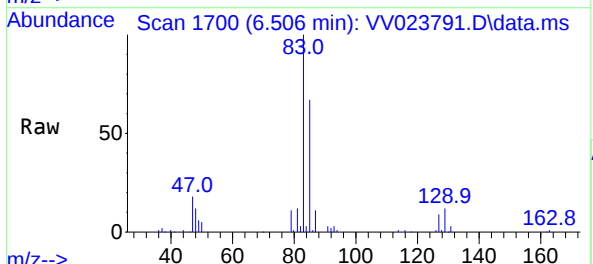
Instrument :
MSVOA_V
ClientSampleId :

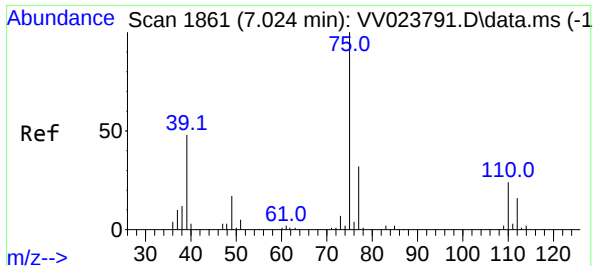
Tgt Ion: 63 Resp: 41921
Ion Ratio Lower Upper
63 100
112 6.0 4.3 6.5



#38
Bromodichloromethane
Concen: 4.656 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

Tgt Ion: 83 Resp: 58168
Ion Ratio Lower Upper
83 100
85 66.6 44.0 81.8
127 9.4 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.834 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV023791.D

Acq: 06 Dec 2021 10:43

Instrument :

MSVOA_V

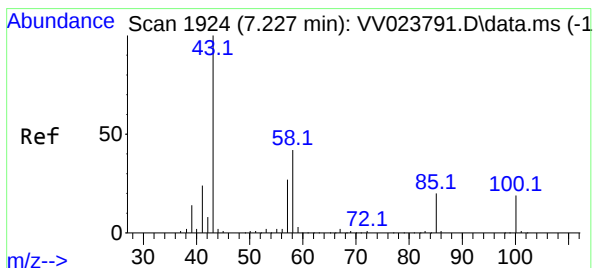
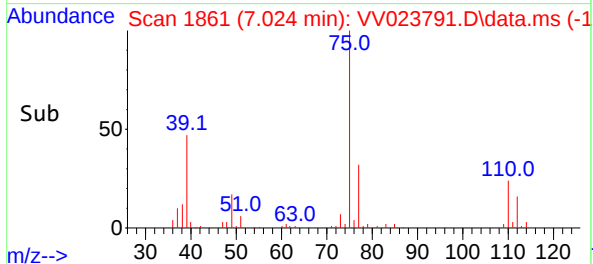
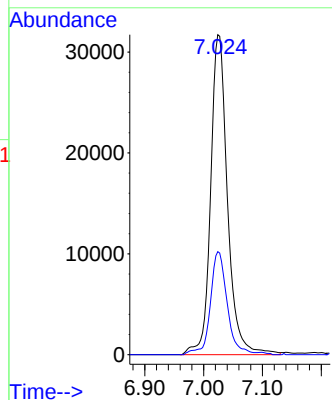
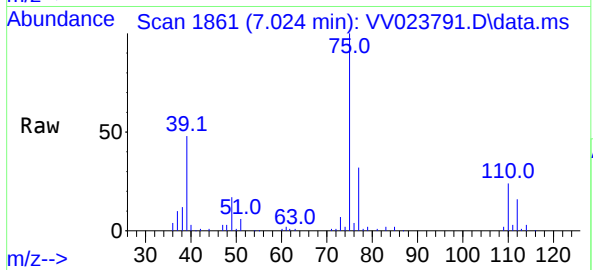
ClientSampleId :

Tgt Ion: 75 Resp: 63322

Ion Ratio Lower Upper

75 100

77 32.2 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 46.997 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV023791.D

Acq: 06 Dec 2021 10:43

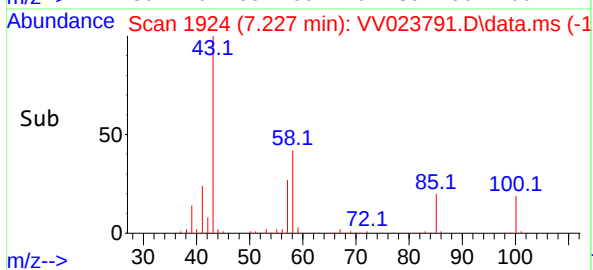
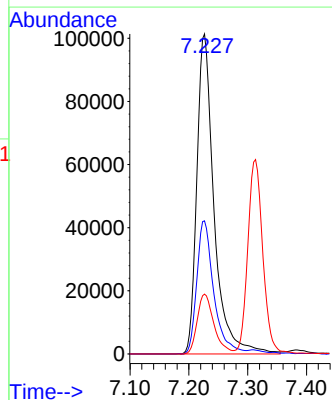
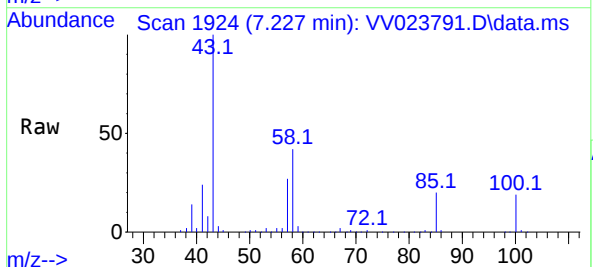
Tgt Ion: 43 Resp: 206502

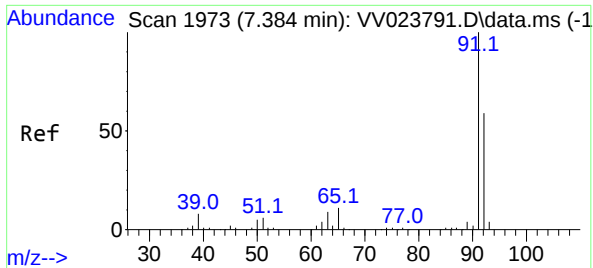
Ion Ratio Lower Upper

43 100

58 41.0 32.3 48.5

100 18.2 13.0 19.6

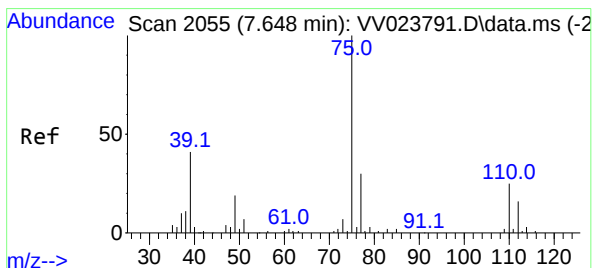
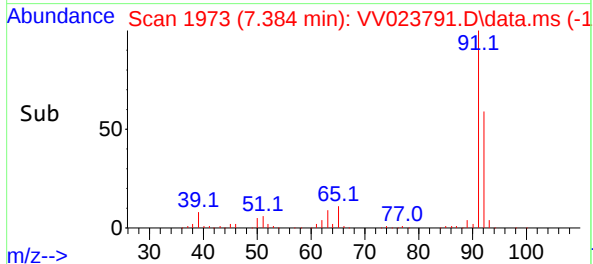
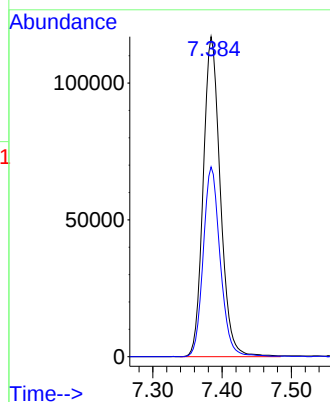
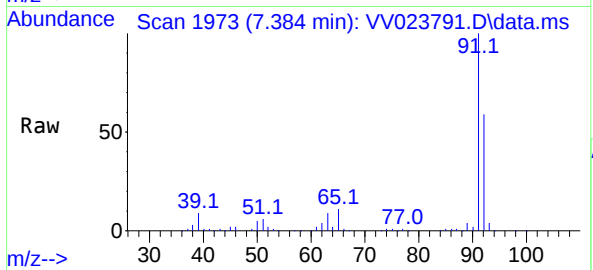




#42
Toluene
Concen: 4.781 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

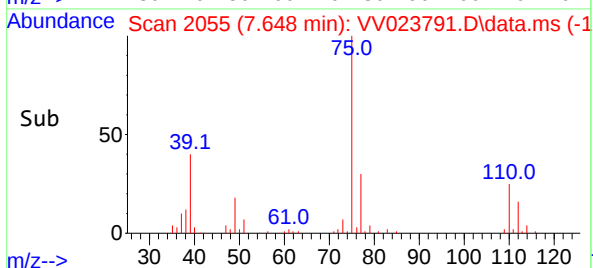
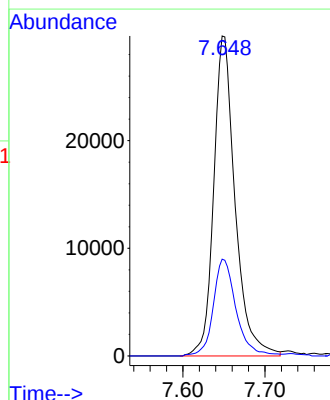
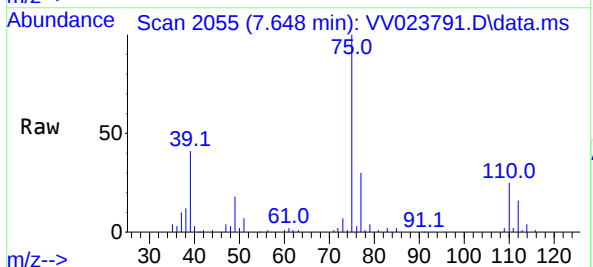
Instrument :
MSVOA_V
ClientSampleId :

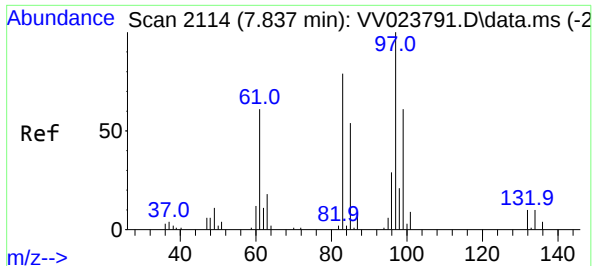
Tgt Ion: 91 Resp: 200766
Ion Ratio Lower Upper
91 100
92 59.3 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 4.891 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

Tgt Ion: 75 Resp: 53843
Ion Ratio Lower Upper
75 100
77 30.3 21.8 40.4



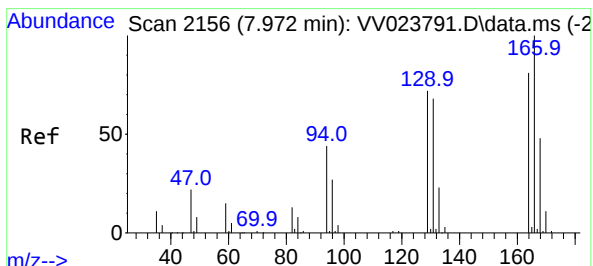
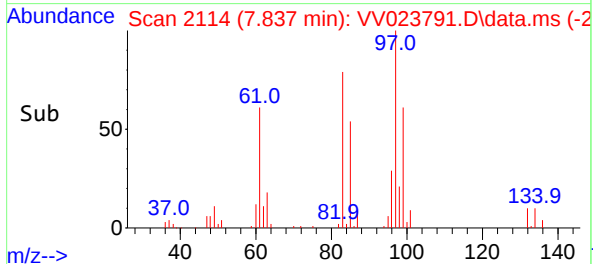
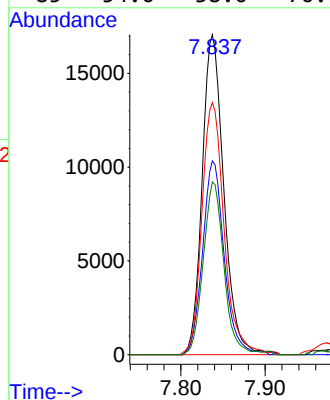
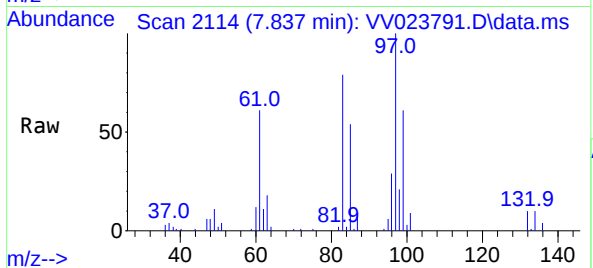


#45
1,1,2-Trichloroethane
Concen: 4.791 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 30537

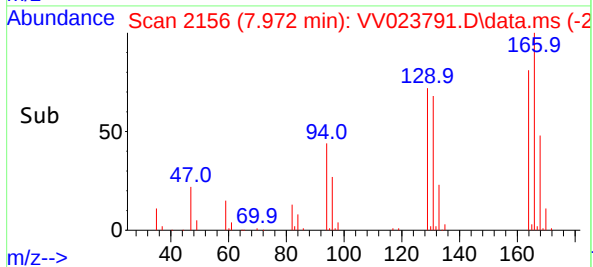
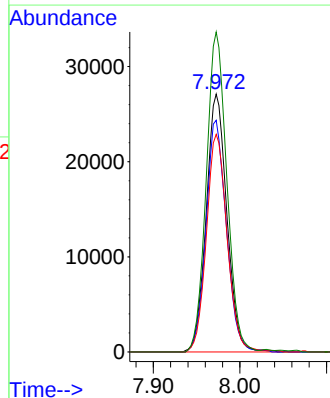
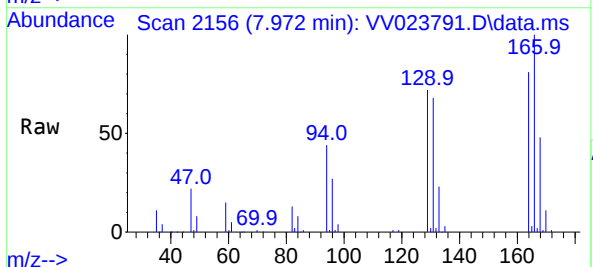
Ion	Ratio	Lower	Upper
97	100		
99	60.5	43.1	80.1
83	78.7	57.9	107.5
85	54.0	38.0	70.6

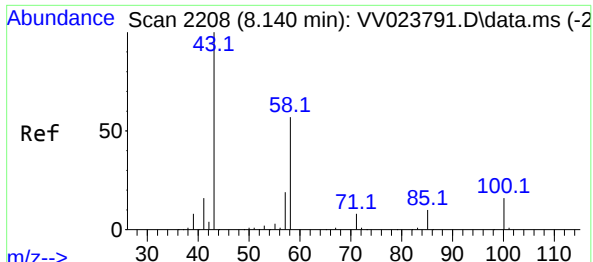


#47
Tetrachloroethene
Concen: 4.768 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

Tgt Ion: 164 Resp: 45014

Ion	Ratio	Lower	Upper
164	100		
129	89.8	62.6	116.2
131	84.4	61.0	113.4
166	124.1	87.3	162.1



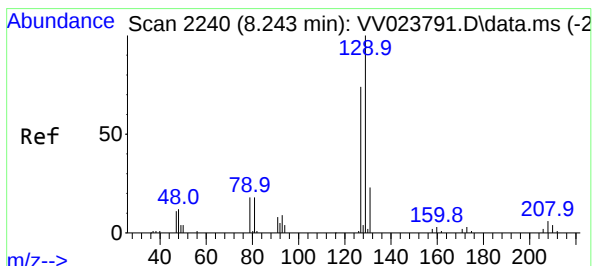
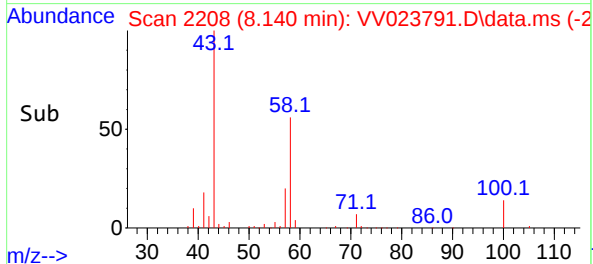
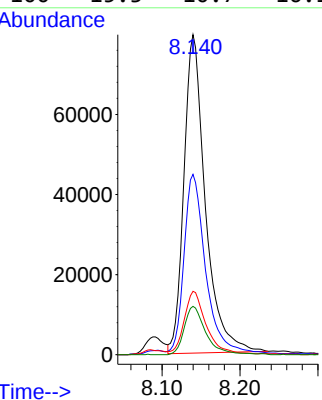
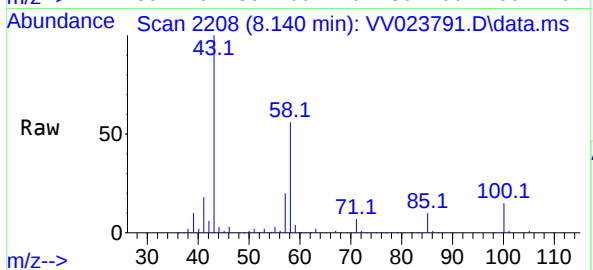


#48
2-Hexanone
Concen: 46.842 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 152125

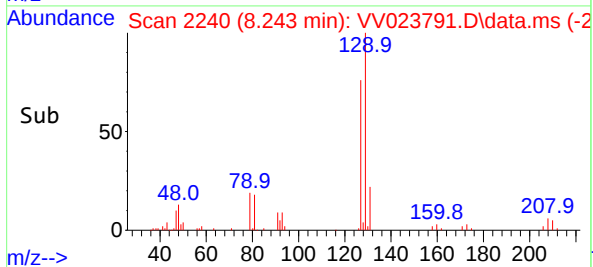
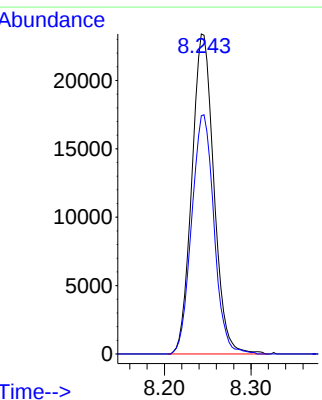
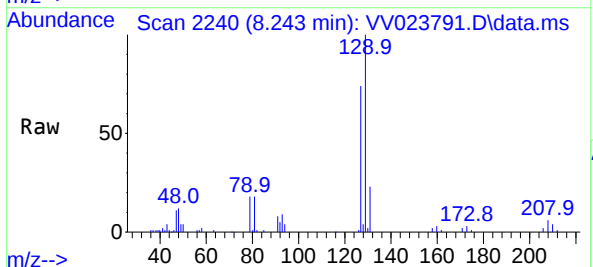
Ion	Ratio	Lower	Upper
43	100		
58	57.4	44.5	66.7
57	19.9	15.1	22.7
100	15.3	10.7	16.1

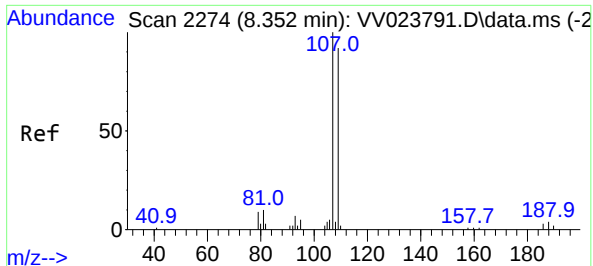


#49
Dibromochloromethane
Concen: 4.731 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

Tgt Ion: 129 Resp: 41320

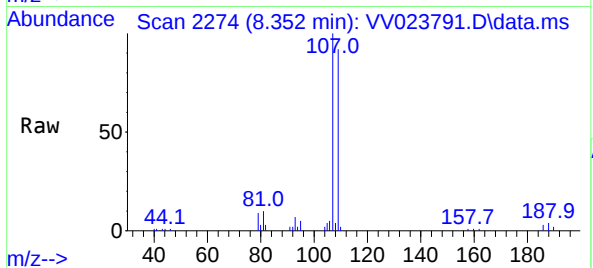
Ion	Ratio	Lower	Upper
129	100		
127	74.5	53.5	99.3





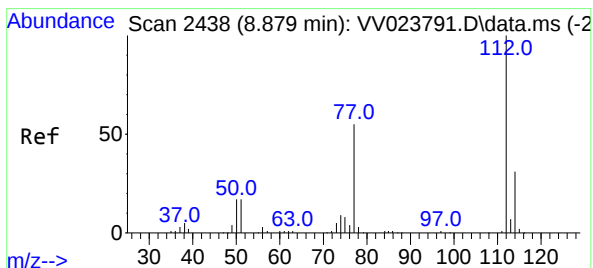
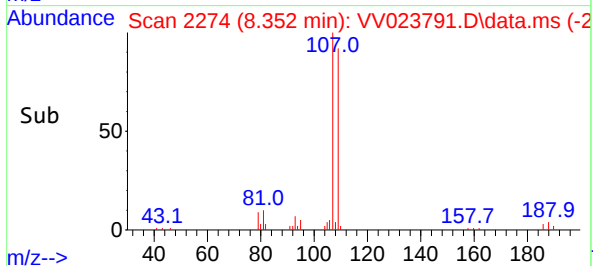
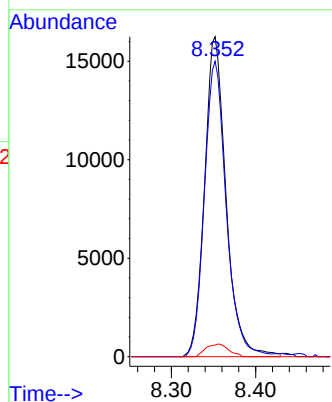
#50
1,2-Dibromoethane
Concen: 4.653 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:107 Resp: 28919

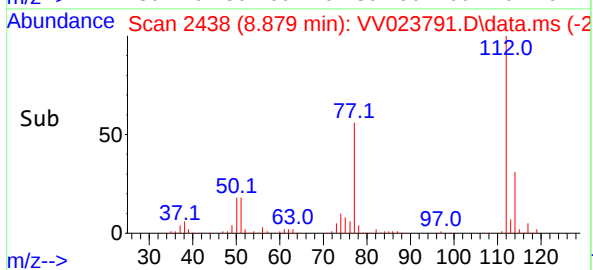
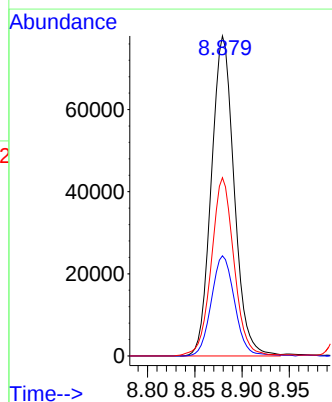
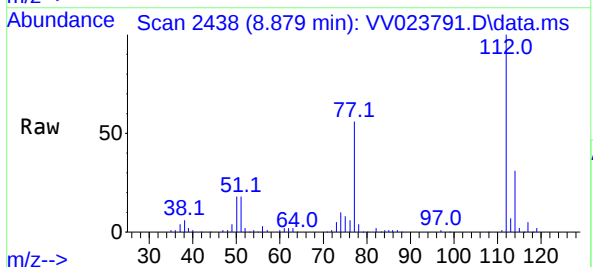
Ion	Ratio	Lower	Upper
107	100		
109	92.3	62.5	116.1
188	3.6	3.4	5.2

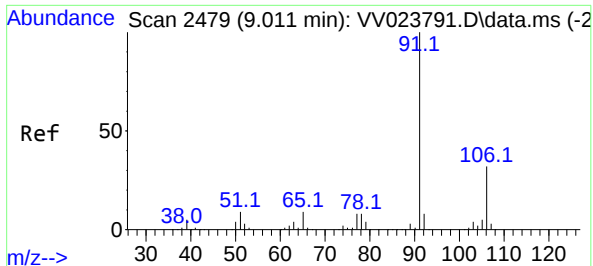


#51
Chlorobenzene
Concen: 4.691 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

Tgt Ion:112 Resp: 130609

Ion	Ratio	Lower	Upper
112	100		
114	31.3	23.3	43.3
77	55.7	43.3	64.9

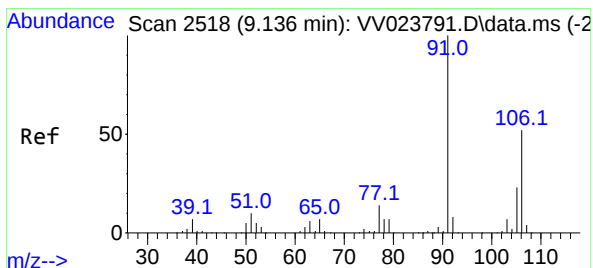
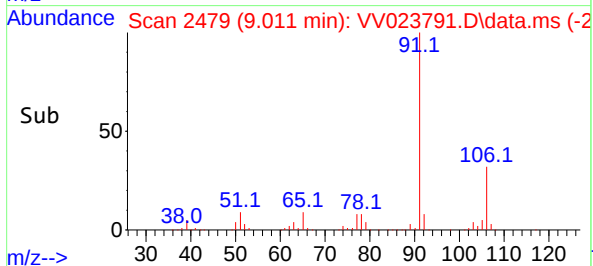
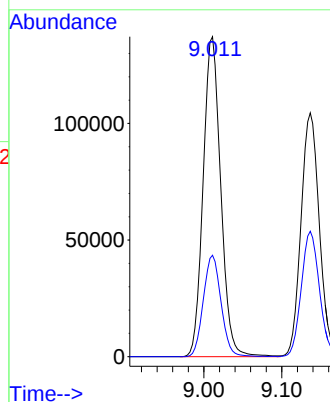
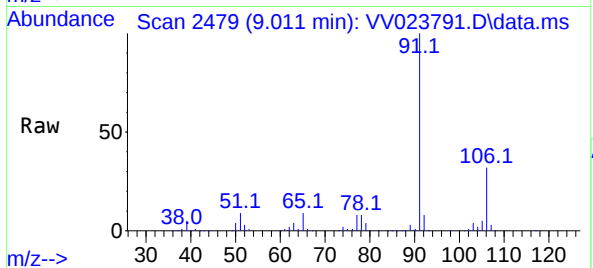




#52
Ethylbenzene
Concen: 4.905 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

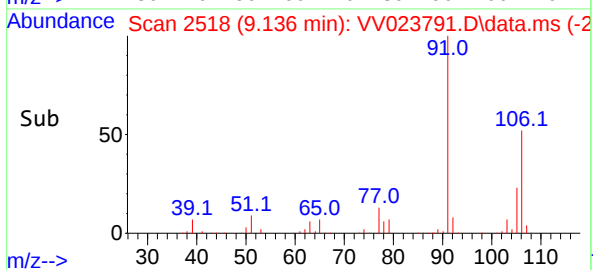
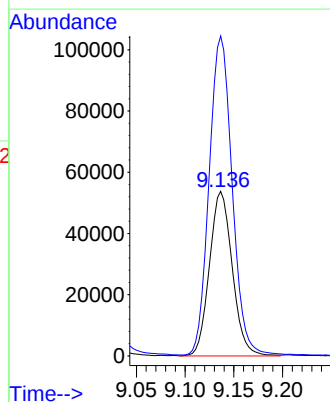
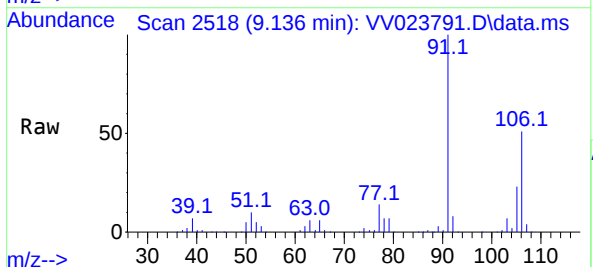
Instrument :
MSVOA_V
ClientSampleId :

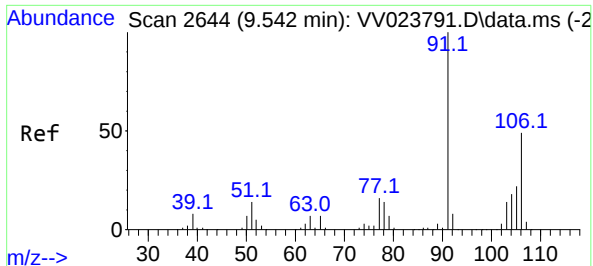
Tgt Ion: 91 Resp: 215308
Ion Ratio Lower Upper
91 100
106 31.7 22.0 41.0



#53
m,p-xylene
Concen: 5.012 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

Tgt Ion: 106 Resp: 87565
Ion Ratio Lower Upper
106 100
91 194.4 139.5 259.1

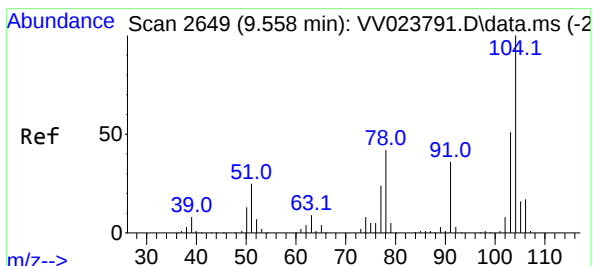
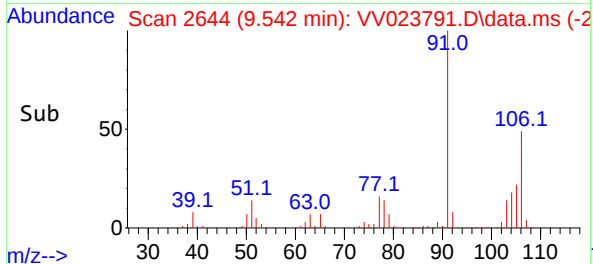
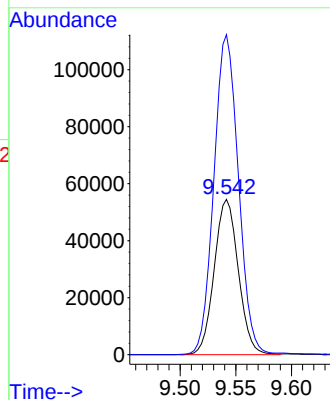
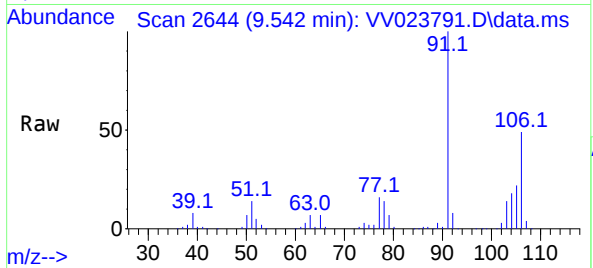




#54
o-xylene
Concen: 4.936 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

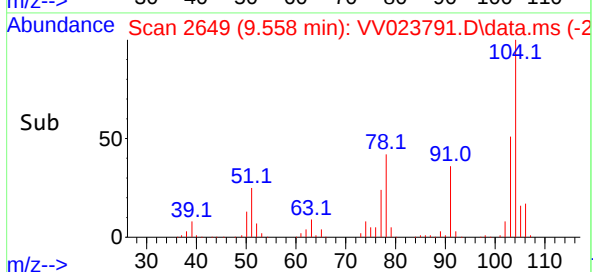
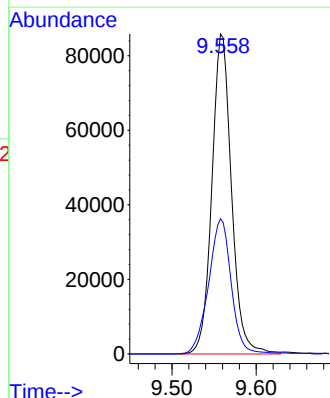
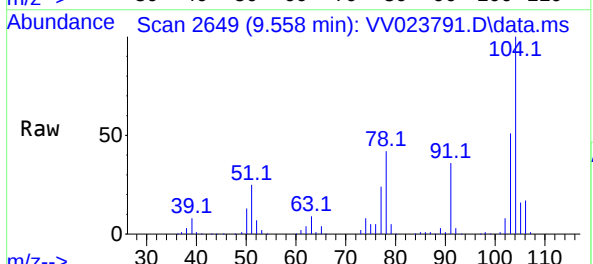
Instrument :
MSVOA_V
ClientSampleId :

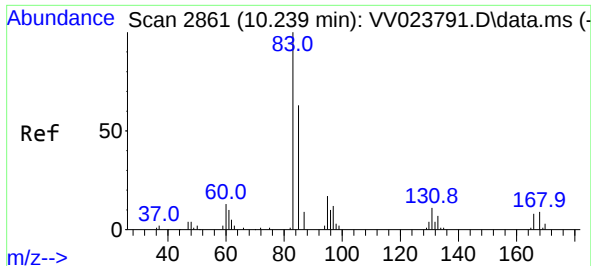
Tgt Ion:106 Resp: 82004
Ion Ratio Lower Upper
106 100
91 205.9 147.9 274.7



#55
Styrene
Concen: 4.945 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

Tgt Ion:104 Resp: 138436
Ion Ratio Lower Upper
104 100
78 42.3 31.0 57.6

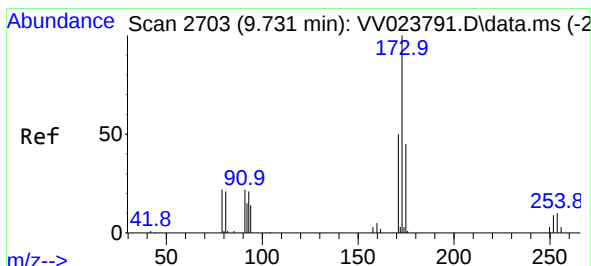
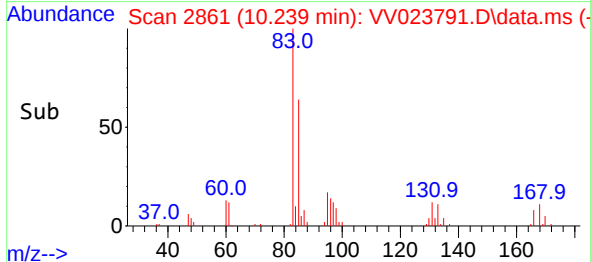
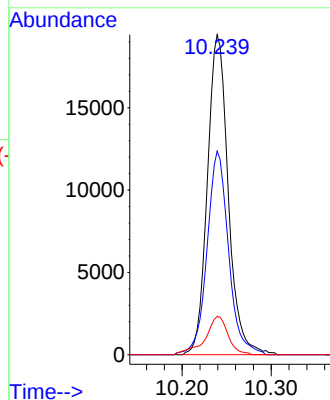
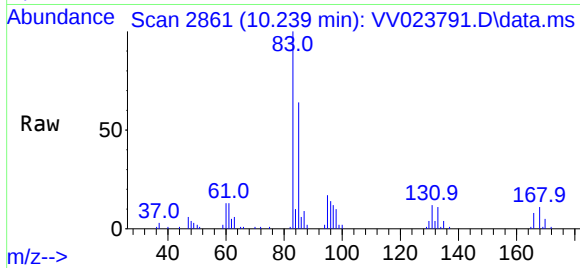




#57
1,1,2,2-Tetrachloroethane
Concen: 4.459 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

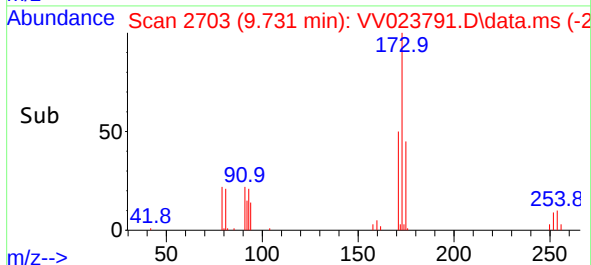
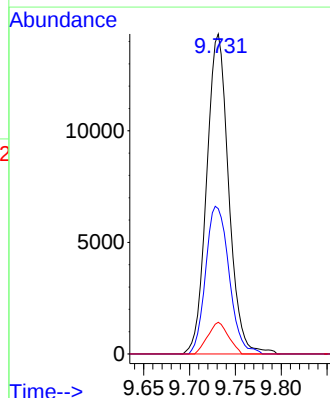
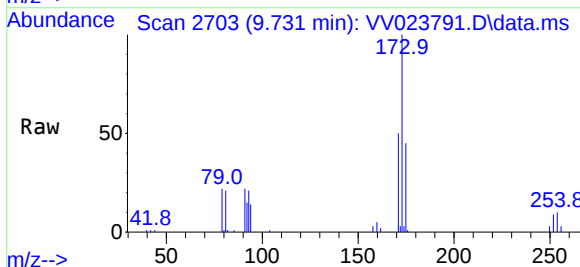
Instrument :
MSVOA_V
ClientSampleId :

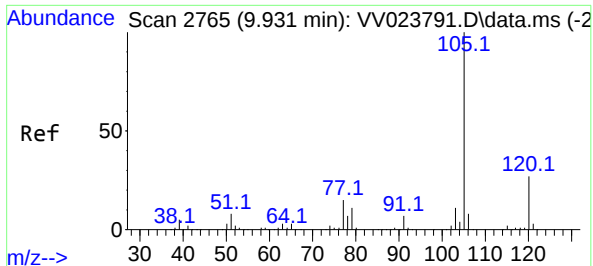
Tgt Ion: 83 Resp: 31618
Ion Ratio Lower Upper
83 100
85 63.6 44.6 82.8
131 11.9 8.3 12.5



#59
Bromoform
Concen: 4.902 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

Tgt Ion: 173 Resp: 23960
Ion Ratio Lower Upper
173 100
175 49.1 39.4 59.2
254 9.2 7.4 11.0

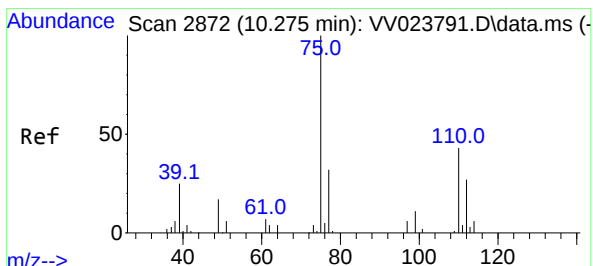
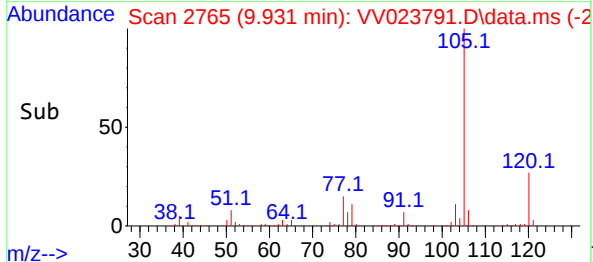
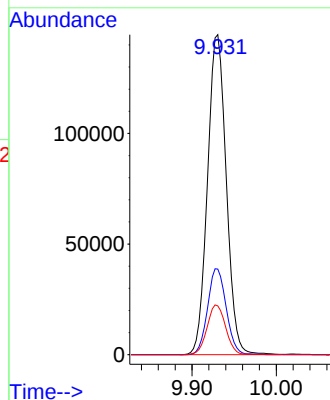
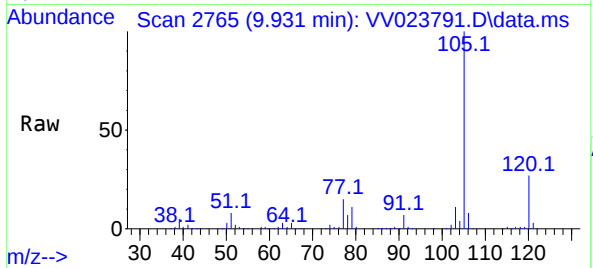




#60
Isopropylbenzene
Concen: 5.078 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

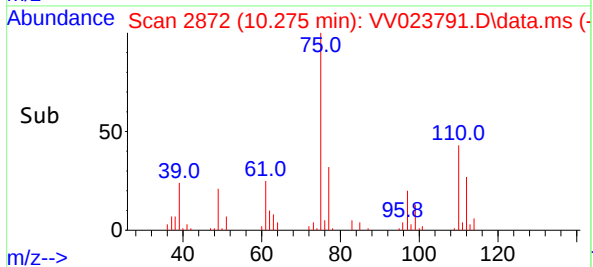
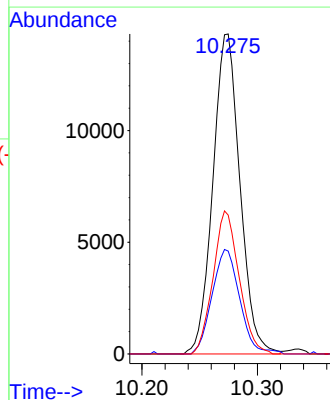
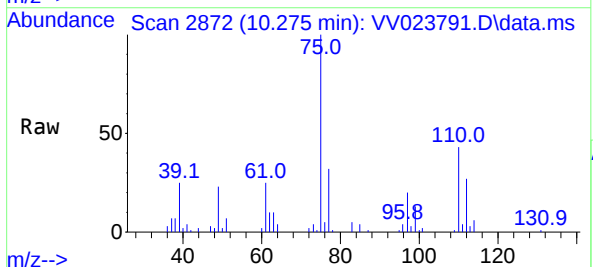
Instrument :
MSVOA_V
ClientSampleId :

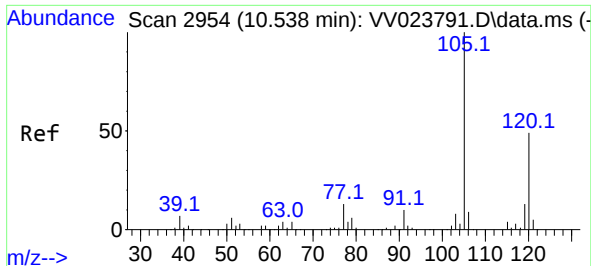
Tgt Ion:105 Resp: 224373
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0
77 15.4 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.445 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

Tgt Ion: 75 Resp: 23329
Ion Ratio Lower Upper
75 100
77 33.3 26.4 39.6
110 43.0 34.2 51.2

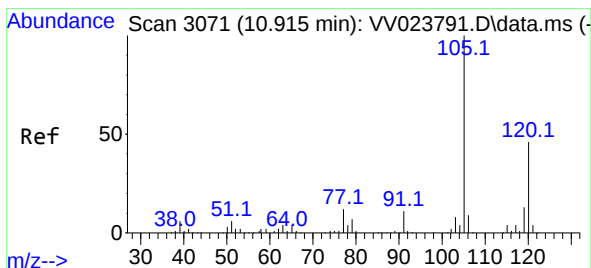
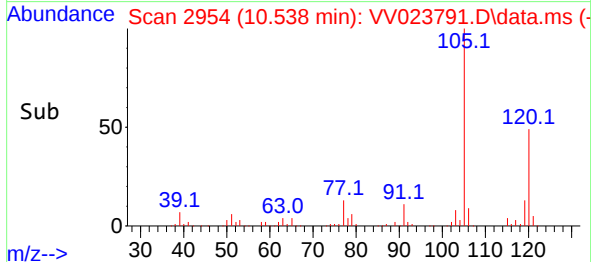
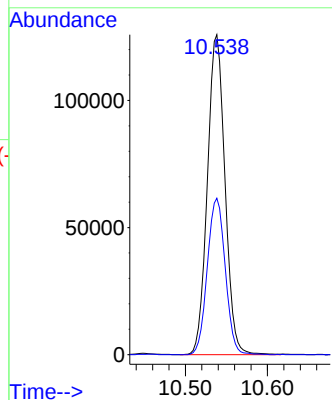
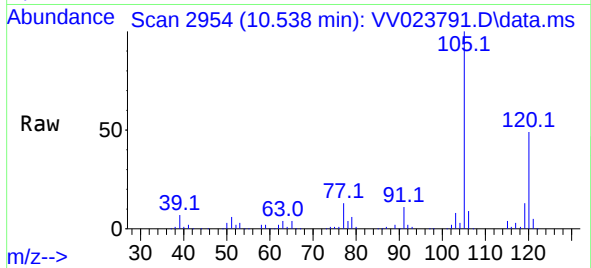




#62
 1,3,5-Trimethylbenzene
 Concen: 5.107 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV023791.D
 Acq: 06 Dec 2021 10:43

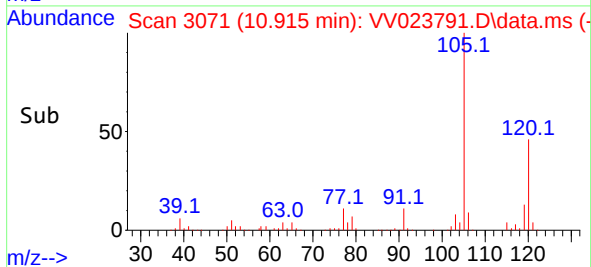
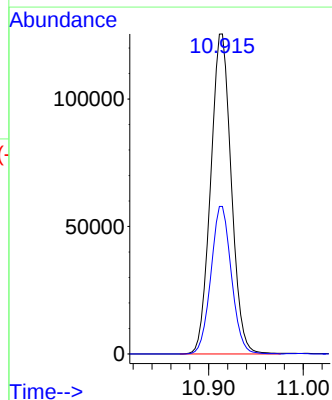
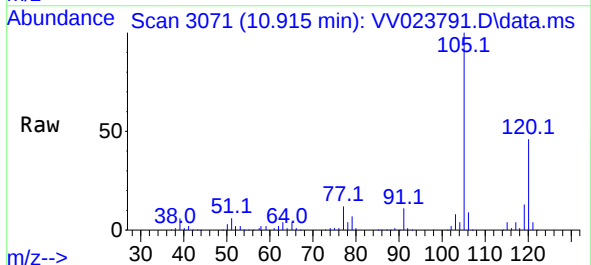
Instrument :
 MSVOA_V
 ClientSampleId :

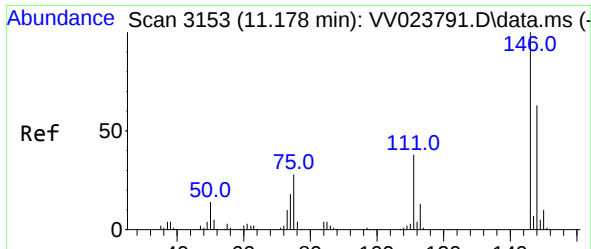
Tgt Ion:105 Resp: 187786
 Ion Ratio Lower Upper
 105 100
 120 49.7 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.227 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV023791.D
 Acq: 06 Dec 2021 10:43

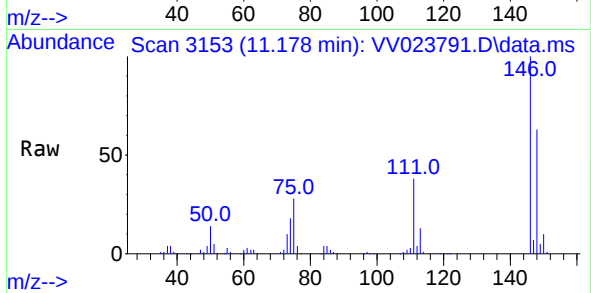
Tgt Ion:105 Resp: 190058
 Ion Ratio Lower Upper
 105 100
 120 45.8 36.7 55.1



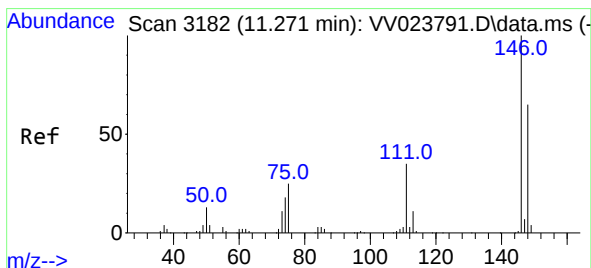
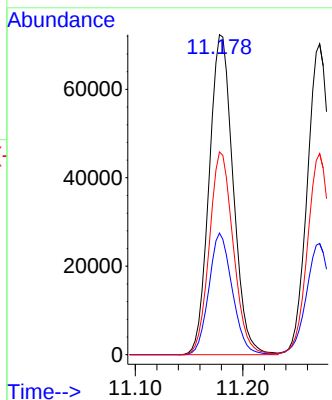
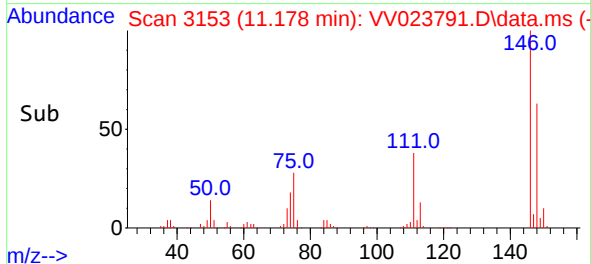


#64
1,3-Dichlorobenzene
Concen: 4.965 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

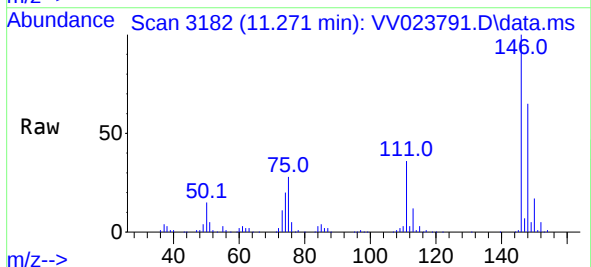
Instrument :
MSVOA_V
ClientSampleId :



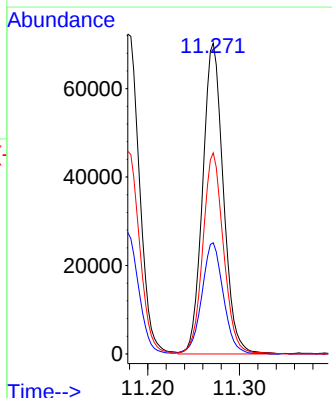
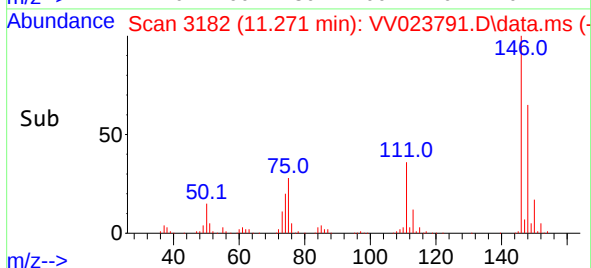
Tgt Ion:146 Resp: 112179
Ion Ratio Lower Upper
146 100
111 38.0 26.3 48.9
148 63.4 44.4 82.5

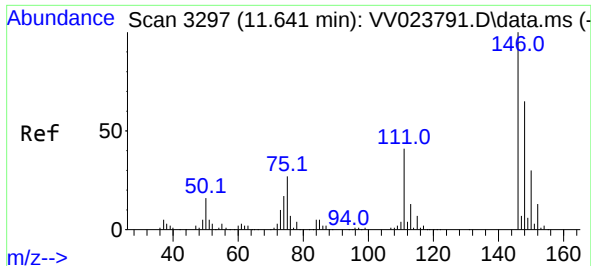


#65
1,4-Dichlorobenzene
Concen: 4.853 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43



Tgt Ion:146 Resp: 110188
Ion Ratio Lower Upper
146 100
111 35.8 25.6 47.6
148 64.7 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.870 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV023791.D

Acq: 06 Dec 2021 10:43

Instrument :

MSVOA_V

ClientSampleId :

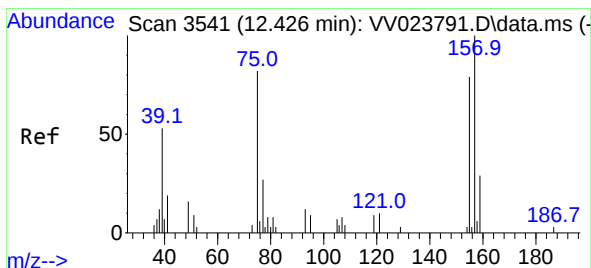
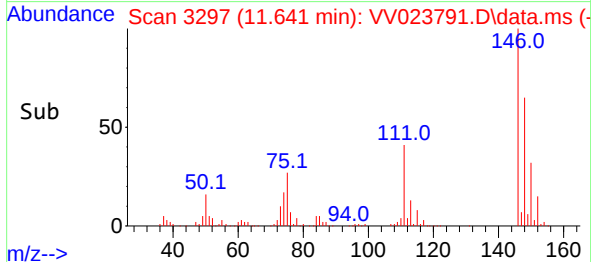
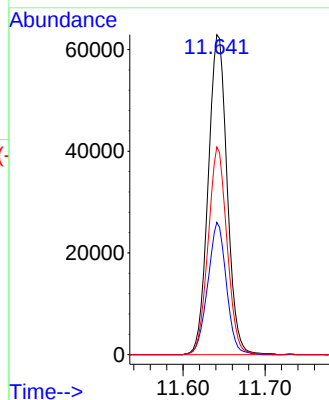
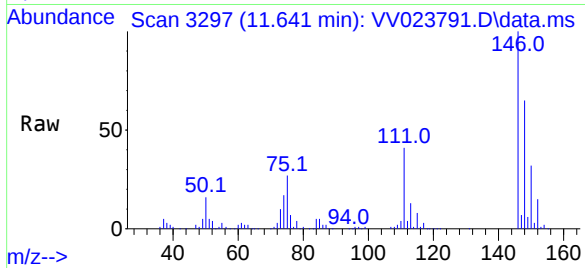
Tgt Ion:146 Resp: 100701

Ion Ratio Lower Upper

146 100

111 41.4 31.9 47.9

148 64.9 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.353 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV023791.D

Acq: 06 Dec 2021 10:43

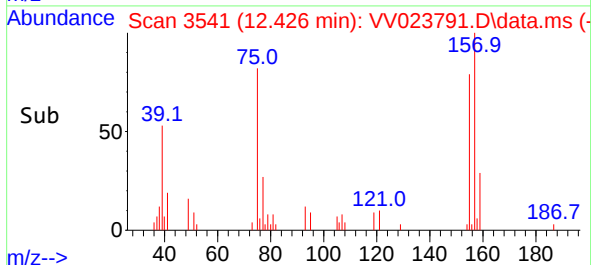
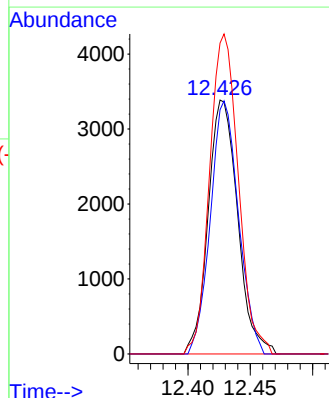
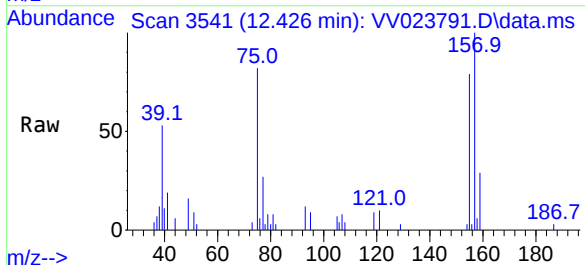
Tgt Ion: 75 Resp: 5579

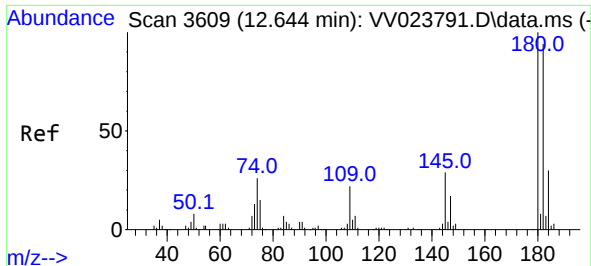
Ion Ratio Lower Upper

75 100

155 96.2 71.7 107.5

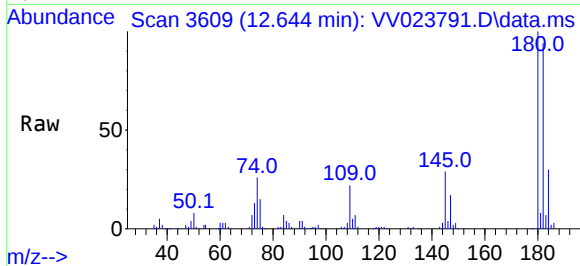
157 122.4 103.3 154.9



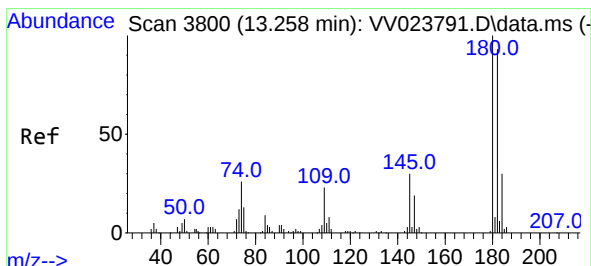
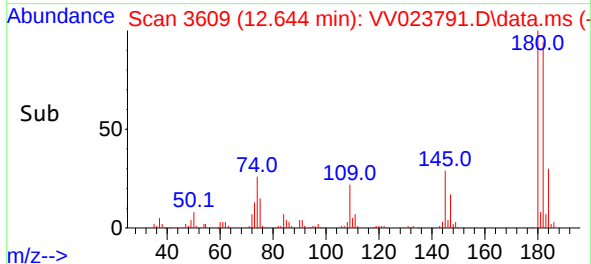
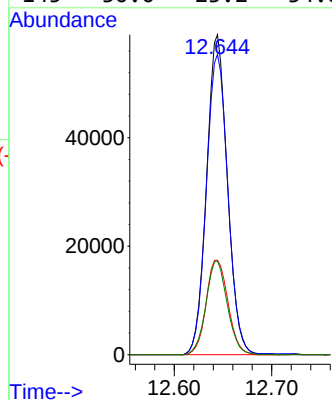


#69
 1,3,5-Trichlorobenzene
 Concen: 4.967 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV023791.D
 Acq: 06 Dec 2021 10:43

Instrument :
 MSVOA_V
 ClientSampleId :

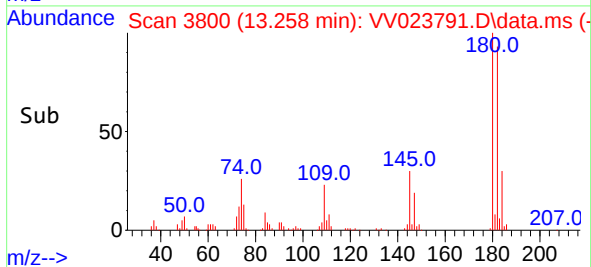
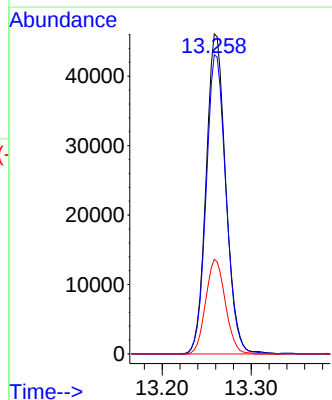
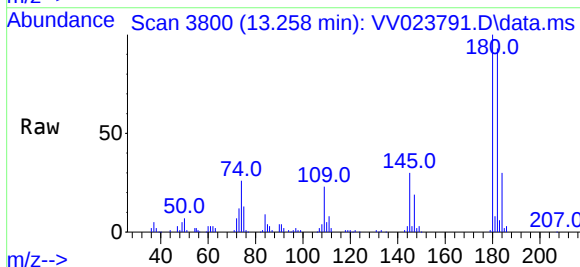


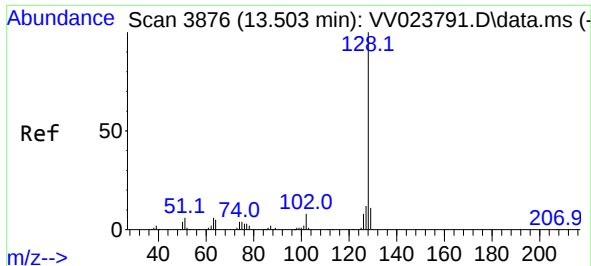
Tgt Ion:180 Resp: 87606
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.4 114.6
 184 31.0 24.2 36.4
 145 30.0 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.168 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.003 min
 Lab File: VV023791.D
 Acq: 06 Dec 2021 10:43

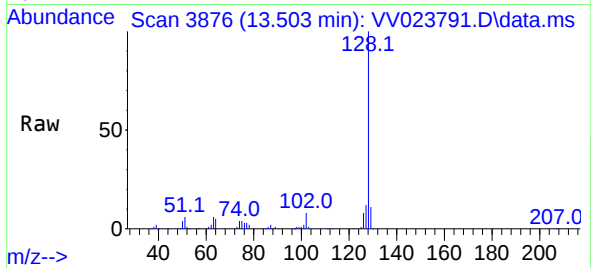
Tgt Ion:180 Resp: 70728
 Ion Ratio Lower Upper
 180 100
 182 94.0 74.4 111.6
 145 29.4 23.3 34.9



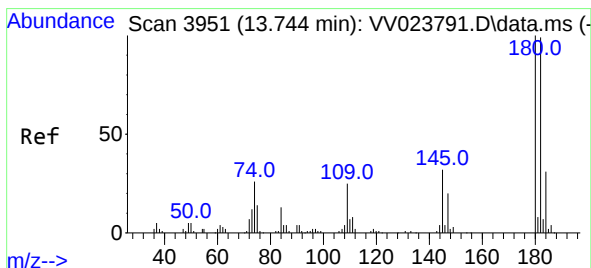
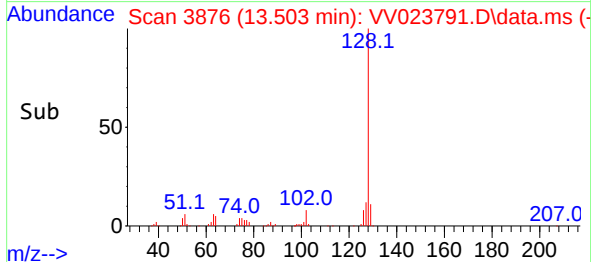
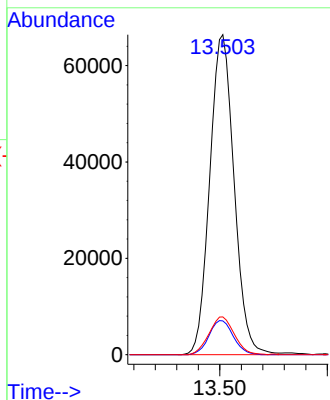


#71
Naphthalene
Concen: 5.661 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 104271
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 12.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.250 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023791.D
Acq: 06 Dec 2021 10:43

Tgt Ion:180 Resp: 62258
Ion Ratio Lower Upper
180 100
182 96.8 76.8 115.2
145 32.2 25.8 38.6

