

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VV023563.D
 Acq On : 17 Nov 2021 03:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005359

Quant Time: Nov 17 03:43:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 02:49:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131527	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	128324	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69395	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	35982	4.367	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.568	69	30385	4.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.111	63	70906	4.597	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	3.908	46	63906	45.019	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.040%
24) Chloroform-d	4.352	84	78931	4.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.037	65	37147	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.050	84	148031	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.072	67	42901	4.426	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.316	98	143188	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.625	79	16707	4.546	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.091	63	63912	47.265	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.540%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31661	4.542	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	55506	4.804	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	53753	4.191	ug/L	99
3) Chloromethane	1.243	50	45898	4.209	ug/L	97
5) Vinyl chloride	1.310	62	48277	4.433	ug/L	98
6) Bromomethane	1.523	94	18673	2.682	ug/L	99
8) Chloroethane	1.587	64	30197	4.805	ug/L	91
9) Trichlorofluoromethane	1.754	101	78435	4.793	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	38862	4.718	ug/L	97
12) 1,1-Dichloroethene	2.121	96	36057	4.597	ug/L	93
13) Acetone	2.198	43	30162	34.774	ug/L	98
14) Carbon disulfide	2.297	76	122125	4.126	ug/L	99
15) Methyl Acetate	2.442	43	9912	4.038	ug/L #	87
16) Methylene chloride	2.510	84	44099	3.853	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	84886	4.917	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	43028	4.463	ug/L	94
19) 1,1-Dichloroethane	3.191	63	72564	4.458	ug/L	99
21) 2-Butanone	3.992	43	56307	40.152	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	44193	4.763	ug/L #	86
23) Bromochloromethane	4.252	128	19985	4.671	ug/L #	79
25) Chloroform	4.378	83	79956	4.608	ug/L	96

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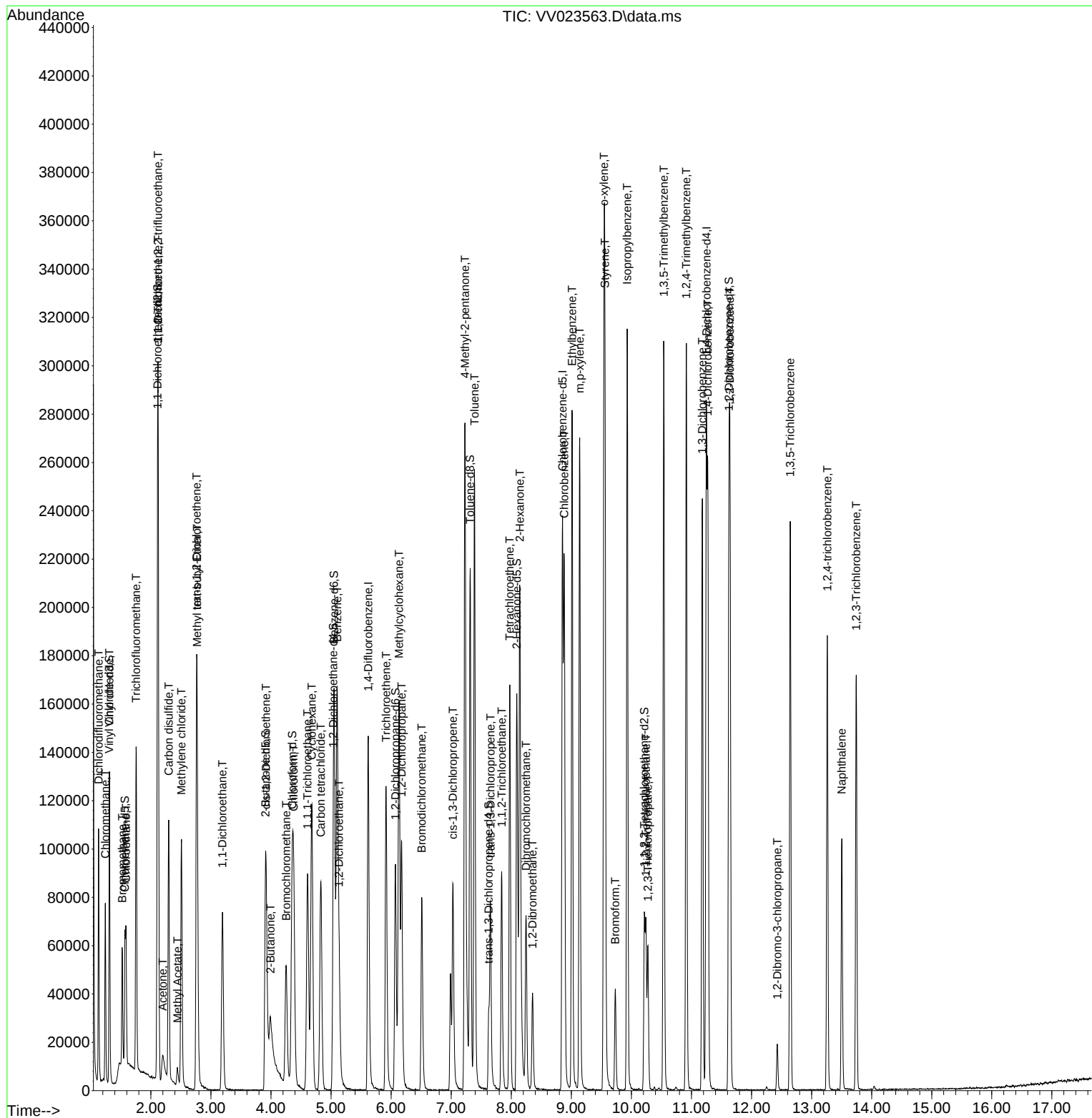
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	43794	4.745	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	73483	4.715	ug/L	99
30) Cyclohexane	4.680	56	61876	4.431	ug/L	94
31) Carbon tetrachloride	4.831	117	66156	4.726	ug/L	98
33) Benzene	5.101	78	167575	4.672	ug/L	100
34) Trichloroethene	5.915	95	43417	4.552	ug/L	96
35) Methylcyclohexane	6.130	83	66676	4.429	ug/L	95
37) 1,2-Dichloropropane	6.175	63	37789	4.513	ug/L	99
38) Bromodichloromethane	6.509	83	53989	4.811	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	52234	4.337	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	205942	53.031	ug/L	97
42) Toluene	7.387	91	185080	4.824	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	45226	4.526	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	28841	4.794	ug/L	99
47) Tetrachloroethene	7.976	164	38915	4.708	ug/L	97
48) 2-Hexanone	8.143	43	148148	54.443	ug/L	97
49) Dibromochloromethane	8.246	129	36290	4.761	ug/L	100
50) 1,2-Dibromoethane	8.355	107	27463	4.926	ug/L	98
51) Chlorobenzene	8.882	112	118836	4.660	ug/L	100
52) Ethylbenzene	9.011	91	192385	4.755	ug/L	97
53) m,p-xylene	9.140	106	76584	4.823	ug/L	98
54) o-xylene	9.545	106	72015	4.834	ug/L	93
55) Styrene	9.561	104	126843	4.970	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	30453	4.620	ug/L	94
59) Bromoform	9.731	173	19430	4.688	ug/L #	98
60) Isopropylbenzene	9.931	105	200978	5.047	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22623	4.908	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	164619	4.986	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	165482	5.035	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	100727	4.950	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	96602	4.649	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	89399	4.910	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4816	4.904	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	73118	4.590	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	57141	4.479	ug/L	98
71) Naphthalene	13.503	128	81020	4.307	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	51486	4.613	ug/L	100

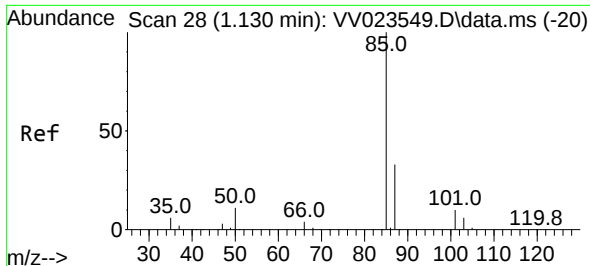
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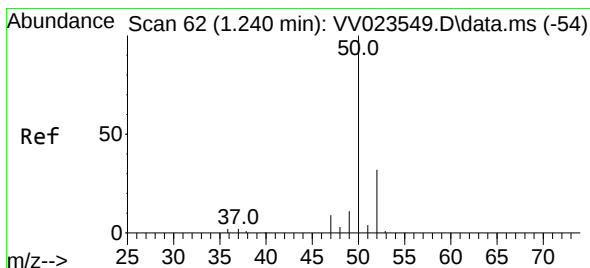
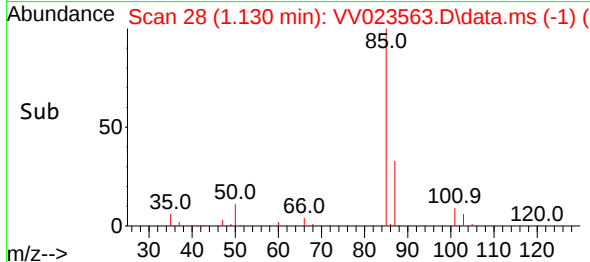
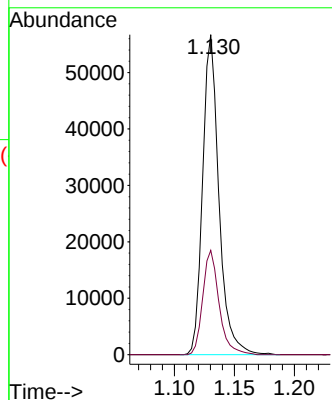
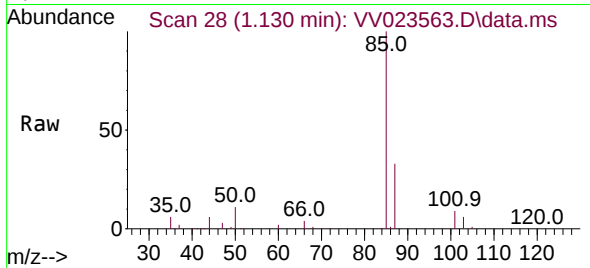




#2
 Dichlorodifluoromethane
 Concen: 4.191 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023563.D
 Acq: 17 Nov 2021 03:08

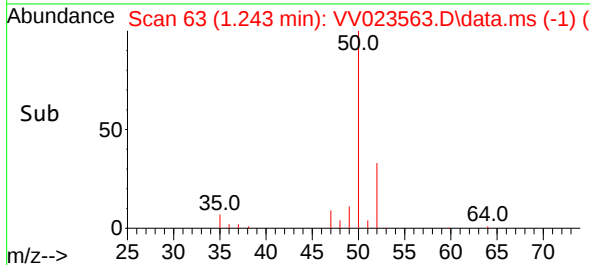
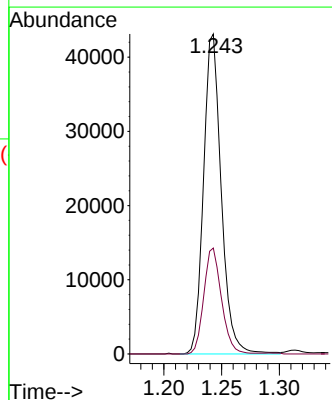
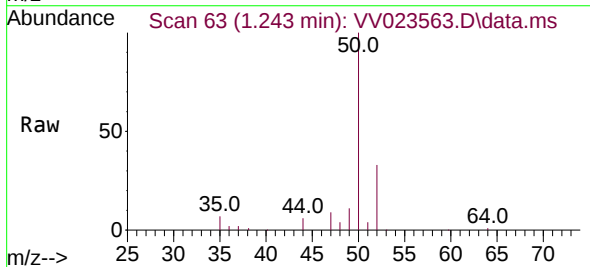
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005359

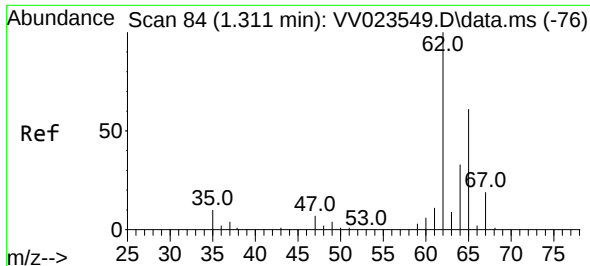
Tgt Ion: 85 Resp: 53753
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.6 39.8



#3
 Chloromethane
 Concen: 4.209 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV023563.D
 Acq: 17 Nov 2021 03:08

Tgt Ion: 50 Resp: 45898
 Ion Ratio Lower Upper
 50 100
 52 33.1 24.3 45.1

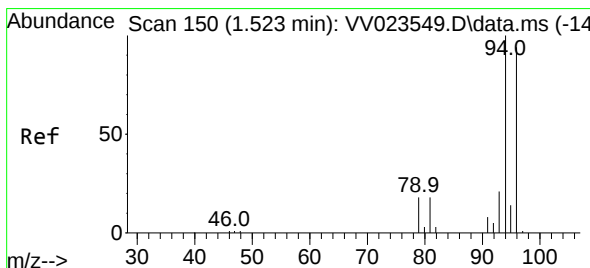
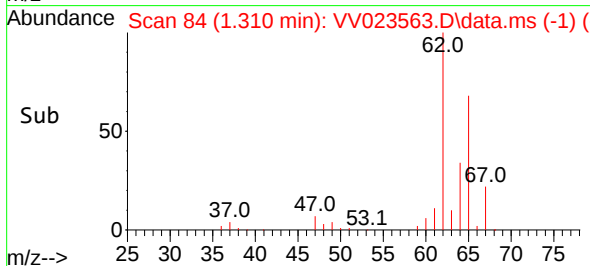
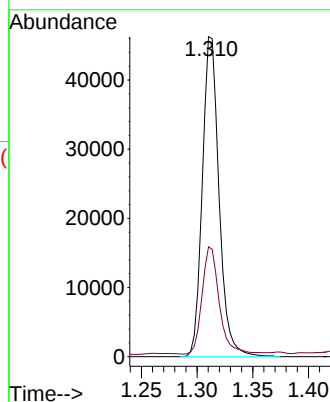
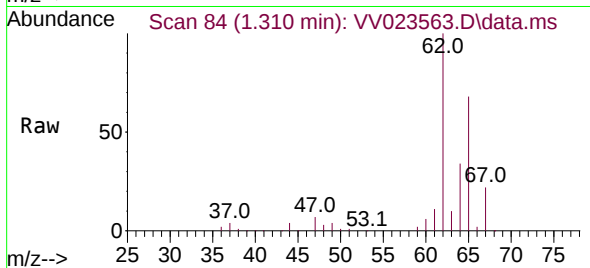




#5
 Vinyl chloride
 Concen: 4.433 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023563.D
 Acq: 17 Nov 2021 03:08

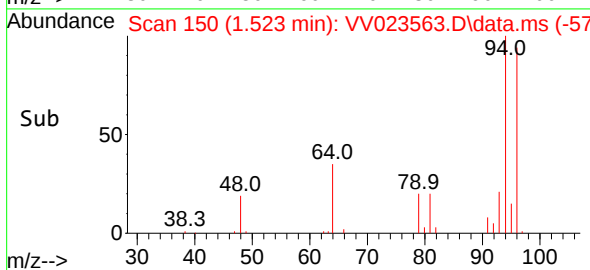
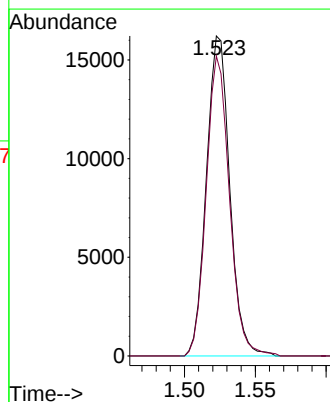
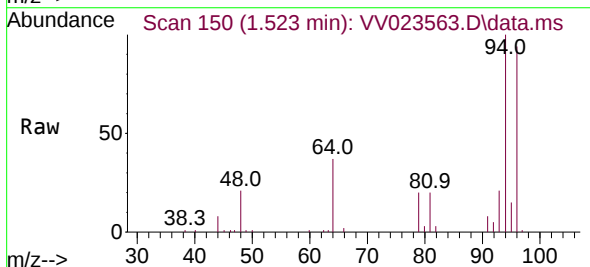
Instrument :
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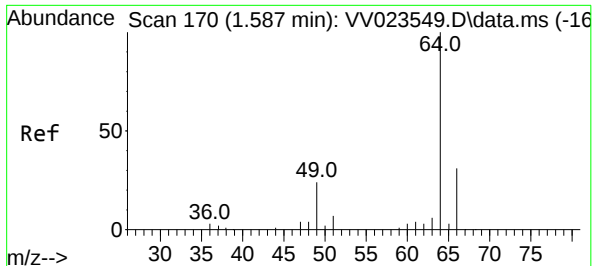
Tgt Ion: 62 Resp: 48277
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.1 42.9



#6
 Bromomethane
 Concen: 2.682 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV023563.D
 Acq: 17 Nov 2021 03:08

Tgt Ion: 94 Resp: 18673
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.0 120.8

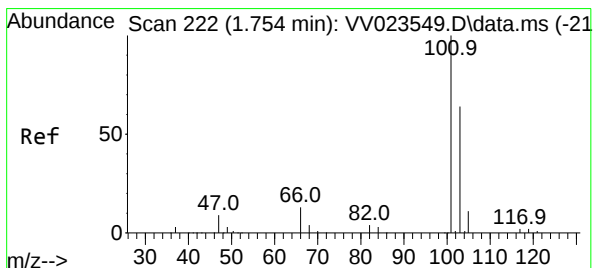
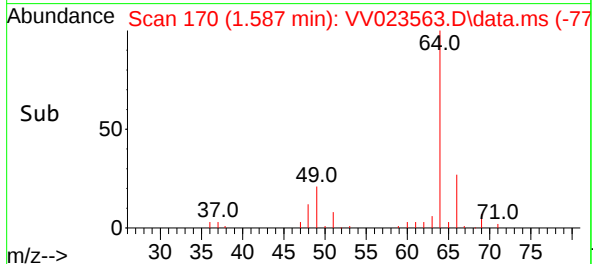
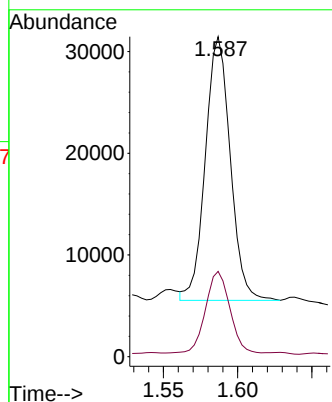
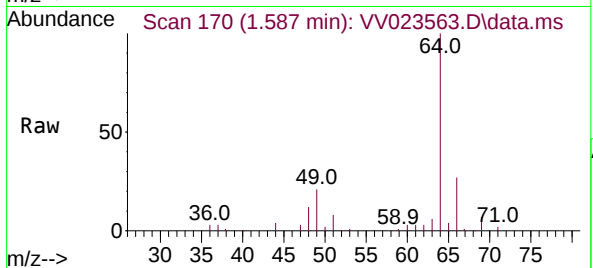




#8
Chloroethane
Concen: 4.805 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

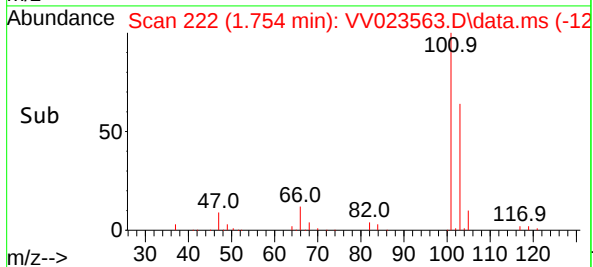
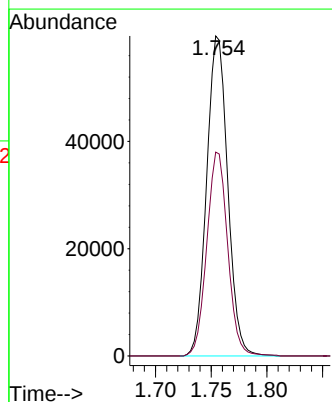
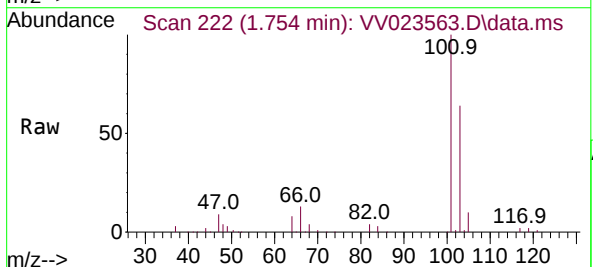
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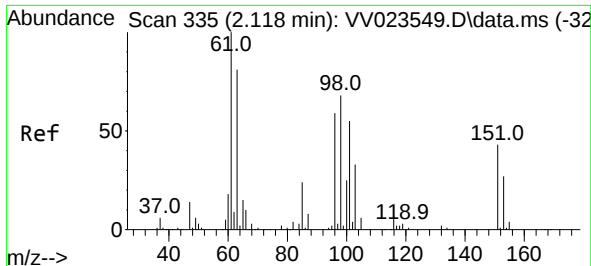
Tgt Ion: 64 Resp: 30197
Ion Ratio Lower Upper
64 100
66 26.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.793 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

Tgt Ion:101 Resp: 78435
Ion Ratio Lower Upper
101 100
103 63.3 52.6 79.0

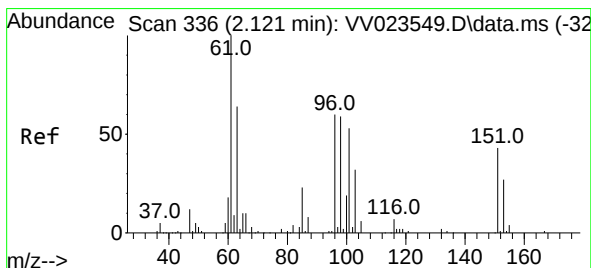
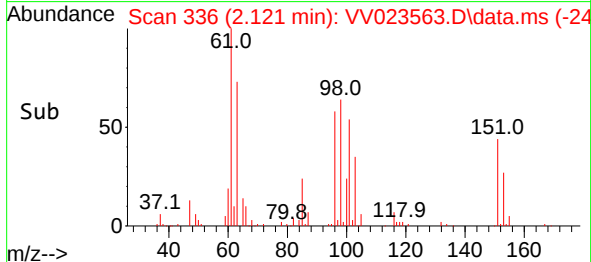
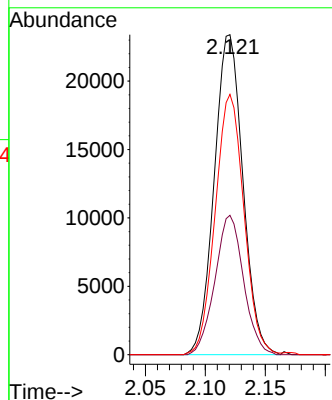
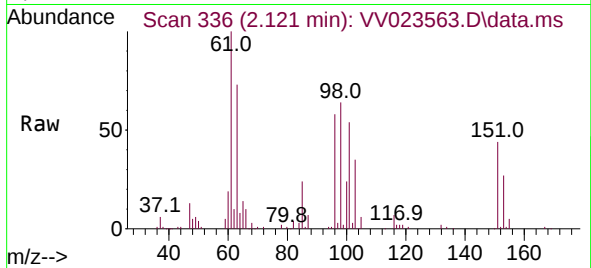




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.718 ug/L
RT: 2.121 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

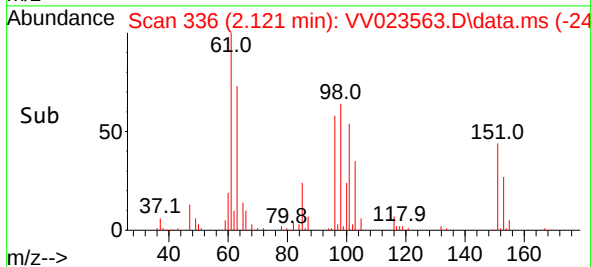
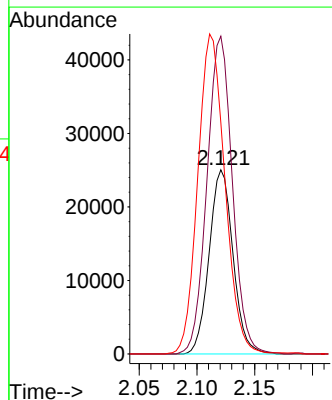
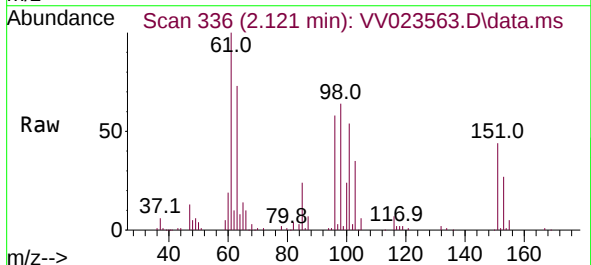
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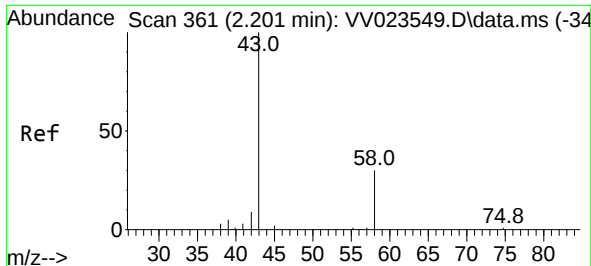
Tgt Ion:101 Resp: 38862
Ion Ratio Lower Upper
101 100
85 43.4 35.3 52.9
151 81.4 62.2 93.2



#12
1,1-Dichloroethene
Concen: 4.597 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

Tgt Ion: 96 Resp: 36057
Ion Ratio Lower Upper
96 100
61 172.5 121.5 225.7
63 125.6 99.6 185.0





#13

Acetone

Concen: 34.774 ug/L

RT: 2.198 min Scan# 301

Delta R.T. -0.003 min

Lab File: VV023563.D

Acq: 17 Nov 2021 03:08

Instrument :

MSVOA_V

ClientSampleId :

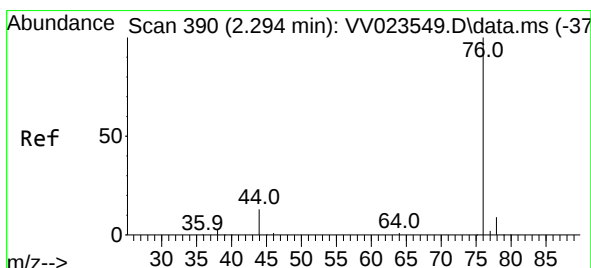
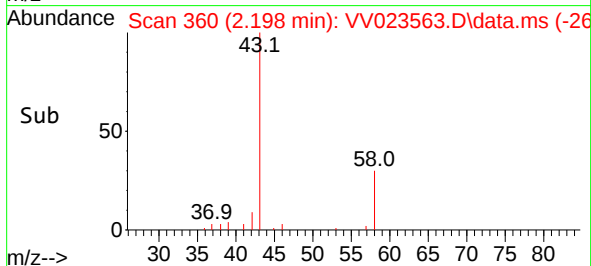
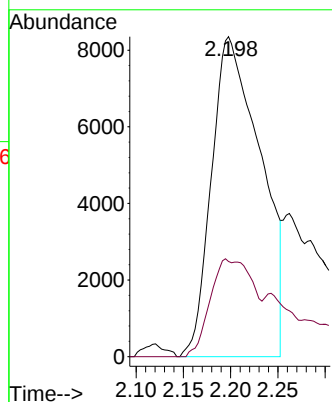
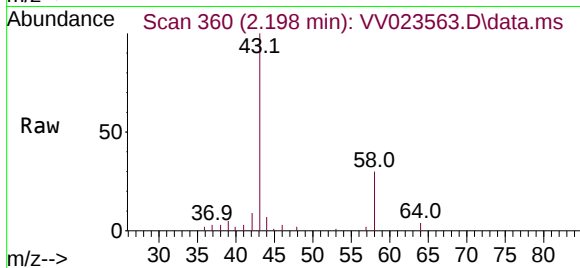
VSTD005359

Tgt Ion: 43 Resp: 30162

Ion Ratio Lower Upper

43 100

58 26.9 0.0 55.4



#14

Carbon disulfide

Concen: 4.126 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV023563.D

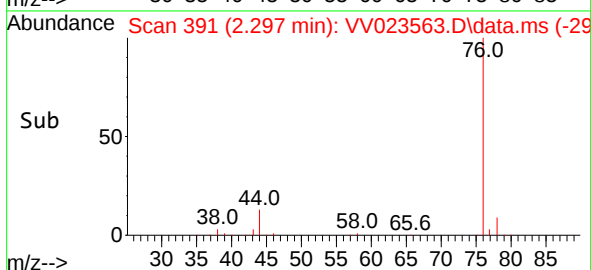
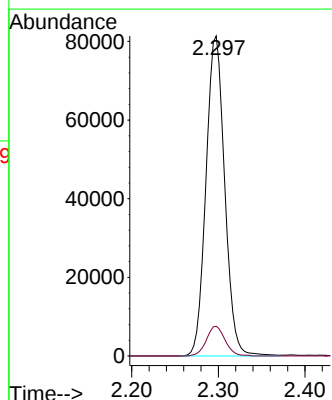
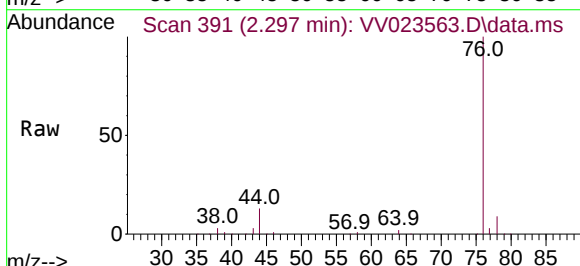
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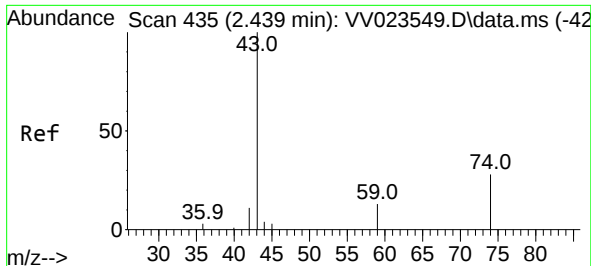
Tgt Ion: 76 Resp: 122125

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

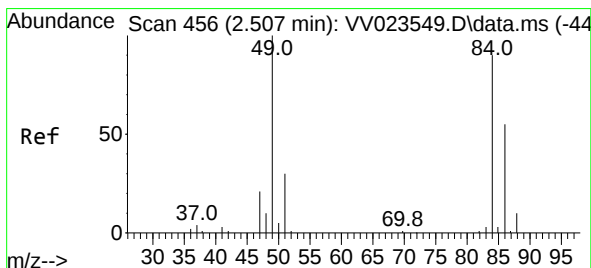
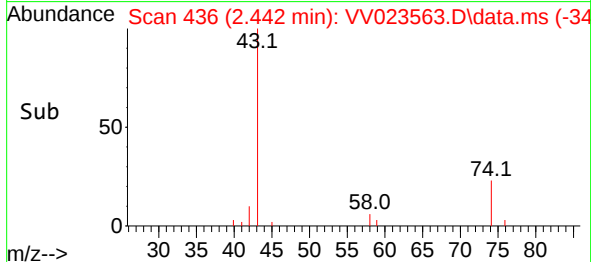
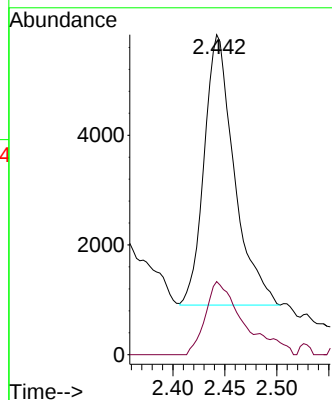
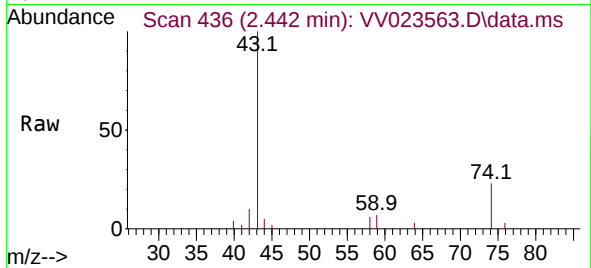




#15
Methyl Acetate
Concen: 4.038 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

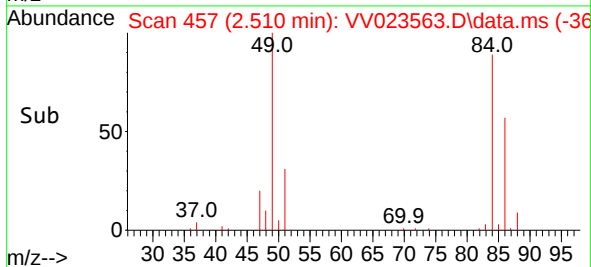
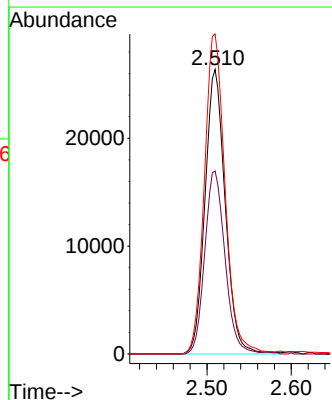
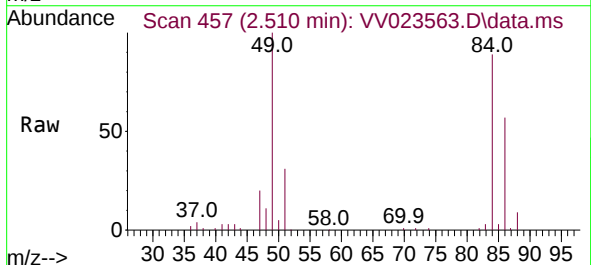
Instrument :
MSVOA_V
ClientSampleId :
VSTD005359

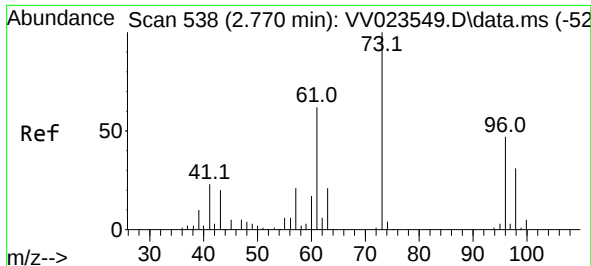
Tgt Ion: 43 Resp: 9912
Ion Ratio Lower Upper
43 100
74 34.4 22.2 33.2#



#16
Methylene chloride
Concen: 3.853 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

Tgt Ion: 84 Resp: 44099
Ion Ratio Lower Upper
84 100
86 64.3 42.3 78.5
49 112.5 79.7 148.1

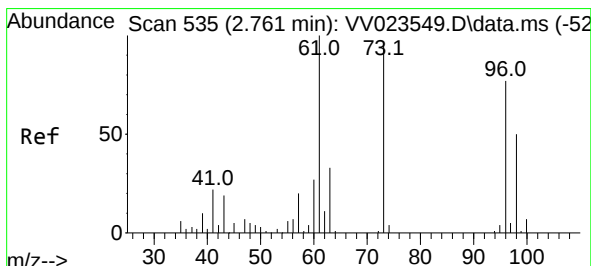
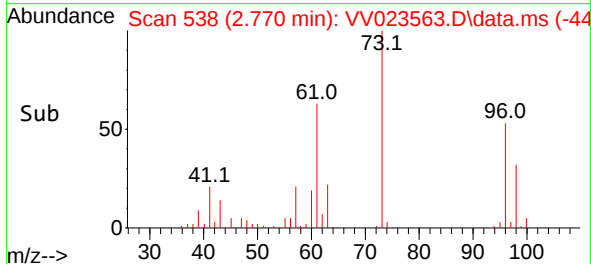
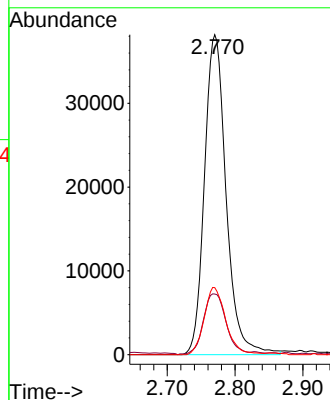
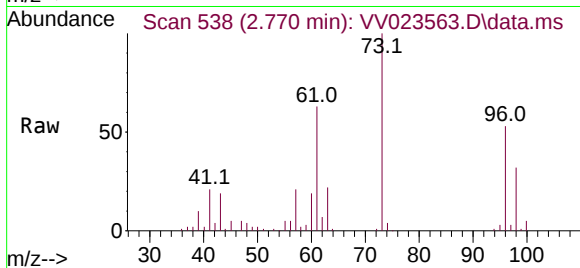




#17
Methyl tert-butyl Ether
Concen: 4.917 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

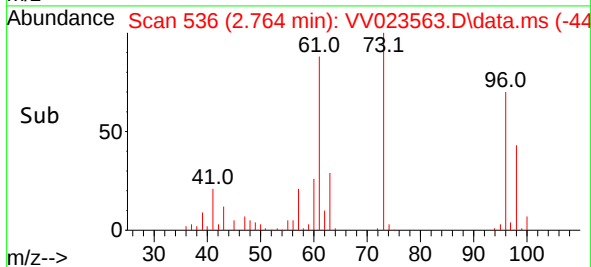
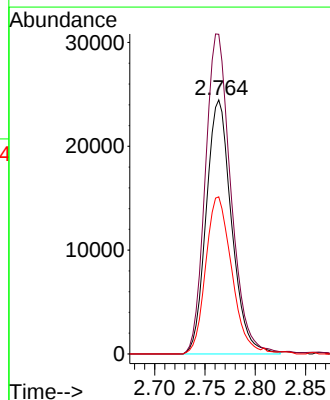
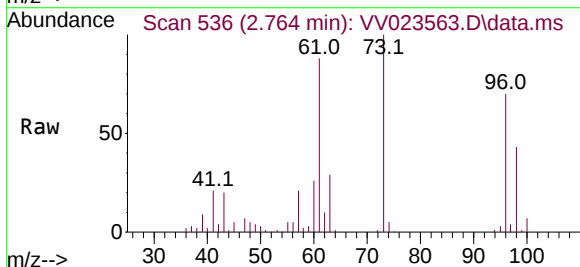
Instrument :
MSVOA_V
ClientSampleId :
VSTD005359

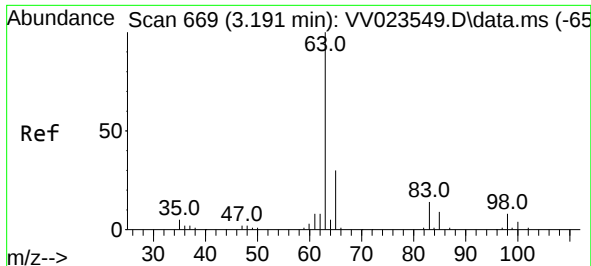
Tgt Ion: 73 Resp: 84886
Ion Ratio Lower Upper
73 100
43 20.1 17.4 26.0
57 20.9 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 4.463 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

Tgt Ion: 96 Resp: 43028
Ion Ratio Lower Upper
96 100
61 125.8 93.2 173.2
98 61.8 47.0 87.2





#19

1,1-Dichloroethane

Concen: 4.458 ug/L

RT: 3.191 min Scan# 669

Delta R.T. -0.000 min

Lab File: VV023563.D

Acq: 17 Nov 2021 03:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005359

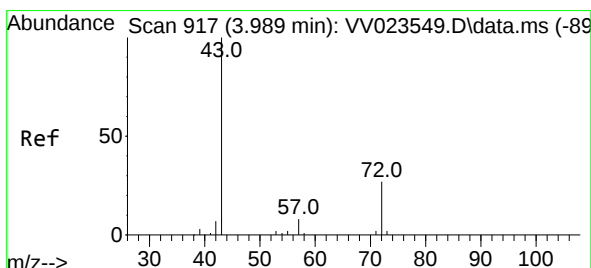
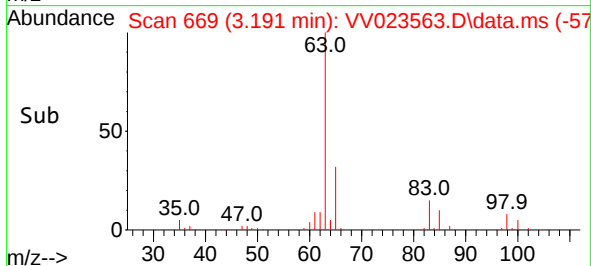
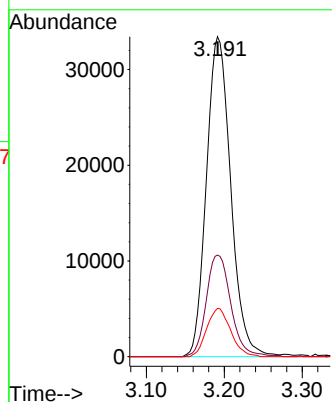
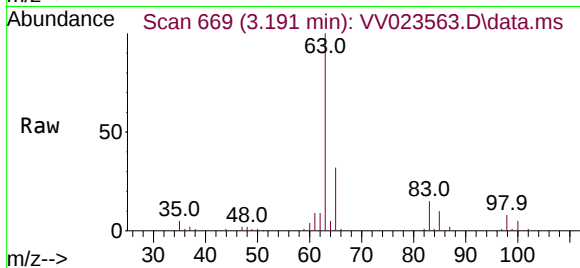
Tgt Ion: 63 Resp: 72564

Ion Ratio Lower Upper

63 100

65 31.8 22.6 42.0

83 15.1 11.1 20.7



#21

2-Butanone

Concen: 40.152 ug/L

RT: 3.992 min Scan# 918

Delta R.T. 0.003 min

Lab File: VV023563.D

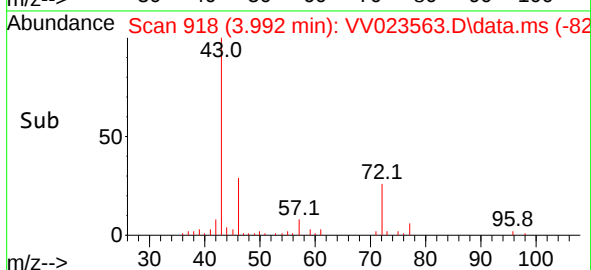
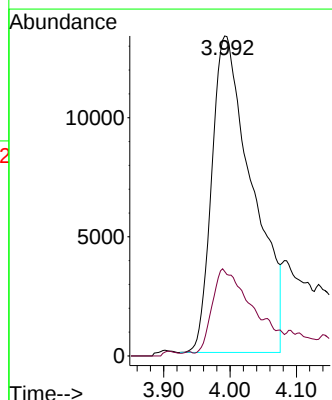
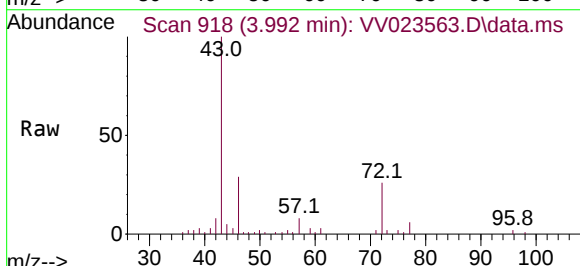
Acq: 17 Nov 2021 03:08

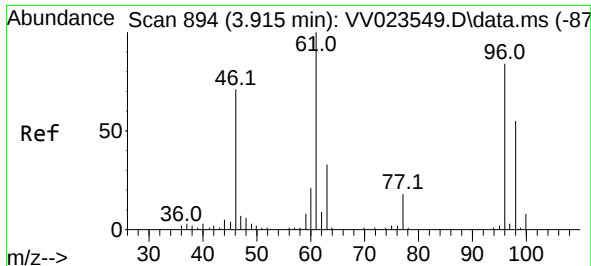
Tgt Ion: 43 Resp: 56307

Ion Ratio Lower Upper

43 100

72 23.2 11.9 35.9

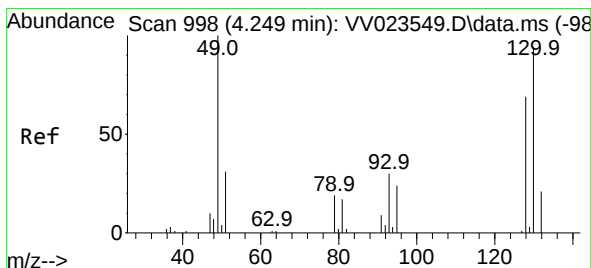
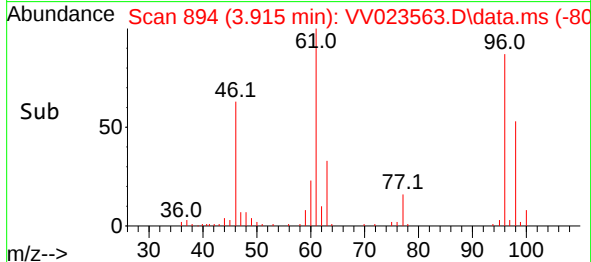
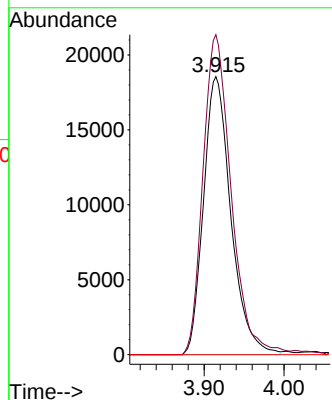
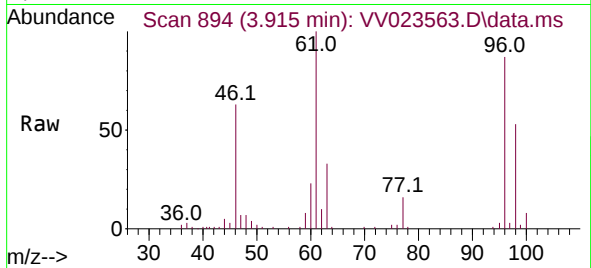




#22
cis-1,2-Dichloroethene
Concen: 4.763 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

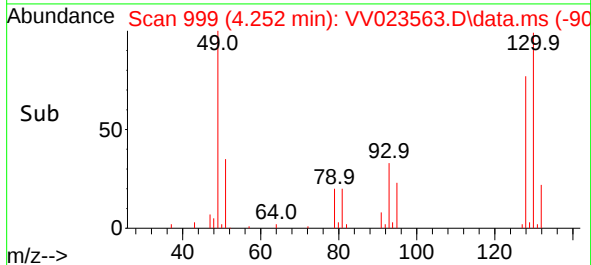
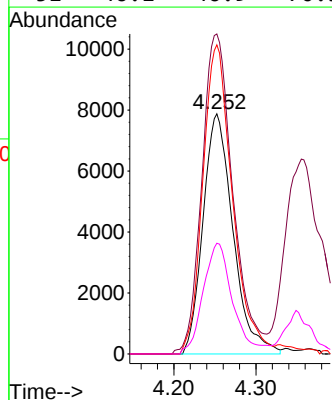
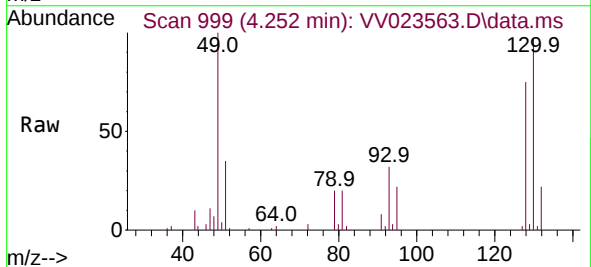
Instrument :
MSVOA_V
ClientSampleId :
VSTD005359

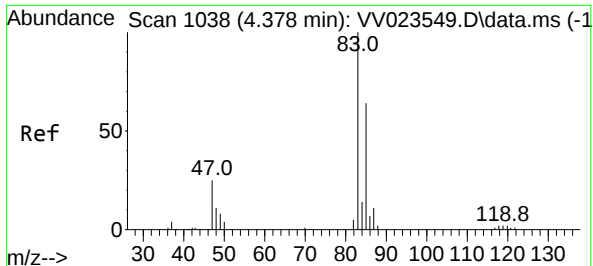
Tgt Ion: 96 Resp: 44193
Ion Ratio Lower Upper
96 100
61 115.0 92.3 171.3
68 0.0 0.4 0.8#



#23
Bromochloromethane
Concen: 4.671 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

Tgt Ion: 128 Resp: 19985
Ion Ratio Lower Upper
128 100
49 133.2 126.1 234.3
130 128.7 95.2 176.8
51 46.1 46.9 70.3#





#25

Chloroform

Concen: 4.608 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV023563.D

Acq: 17 Nov 2021 03:08

Instrument :

MSVOA_V

ClientSampleId :

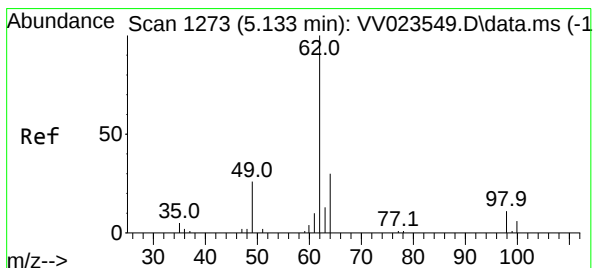
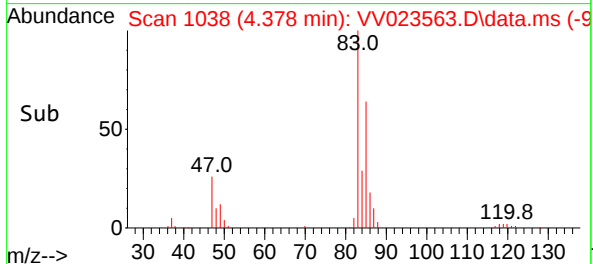
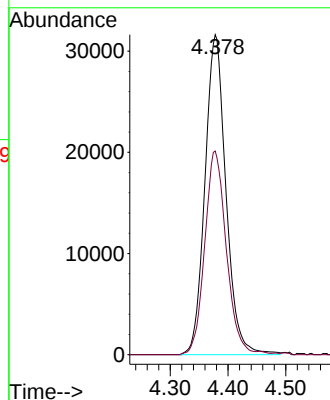
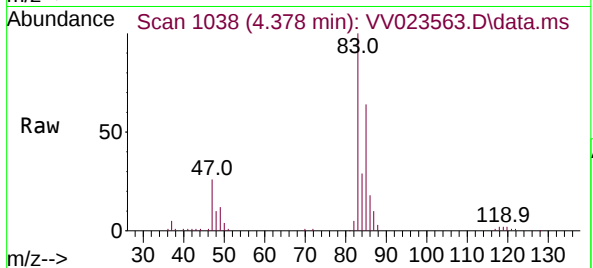
VSTD005359

Tgt Ion: 83 Resp: 79956

Ion Ratio Lower Upper

83 100

85 63.7 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.745 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VV023563.D

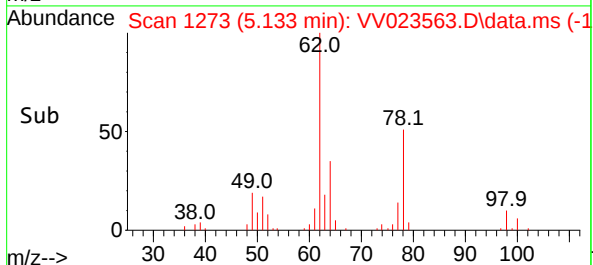
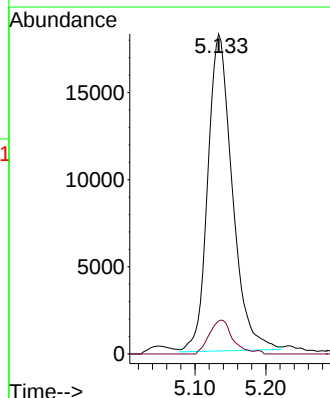
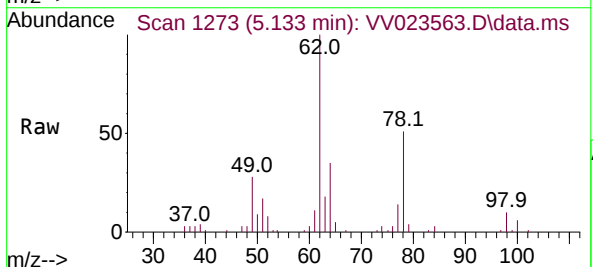
Acq: 17 Nov 2021 03:08

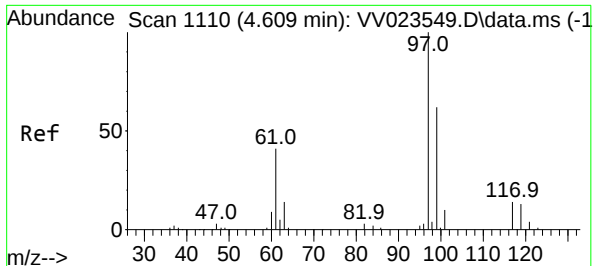
Tgt Ion: 62 Resp: 43794

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.715 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV023563.D

Acq: 17 Nov 2021 03:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005359

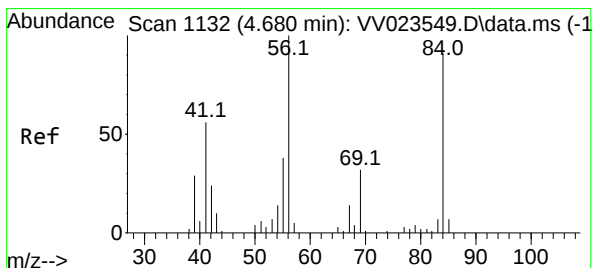
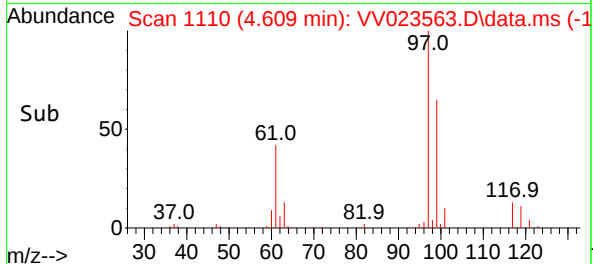
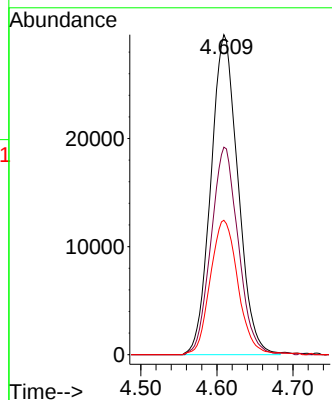
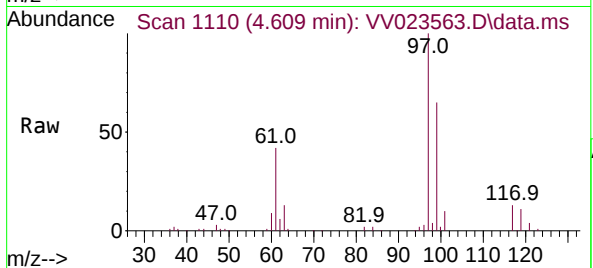
Tgt Ion: 97 Resp: 73483

Ion Ratio Lower Upper

97 100

99 65.1 51.0 76.4

61 43.0 34.1 51.1



#30

Cyclohexane

Concen: 4.431 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV023563.D

Acq: 17 Nov 2021 03:08

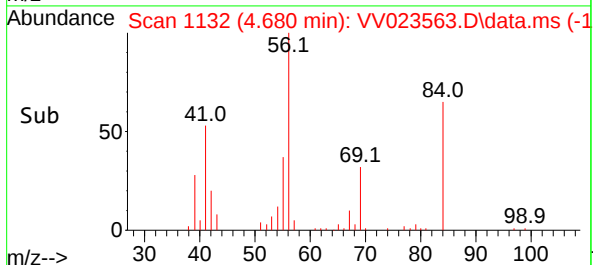
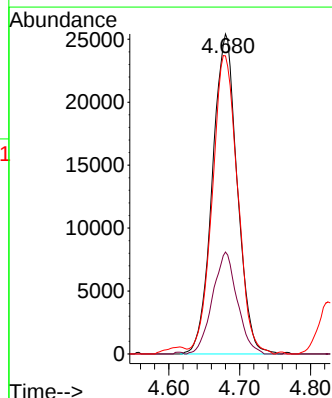
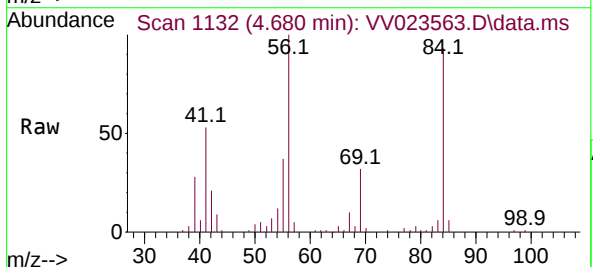
Tgt Ion: 56 Resp: 61876

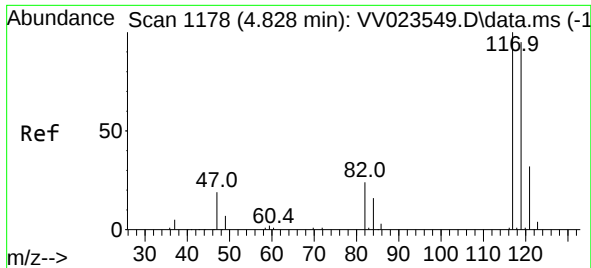
Ion Ratio Lower Upper

56 100

69 31.7 23.5 35.3

84 95.1 71.6 107.4

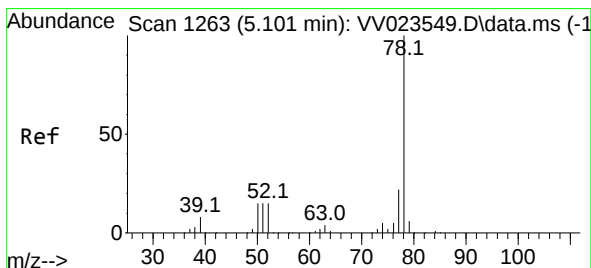
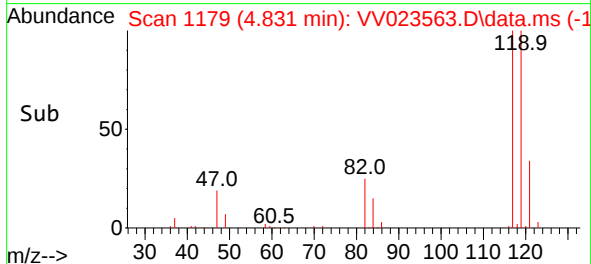
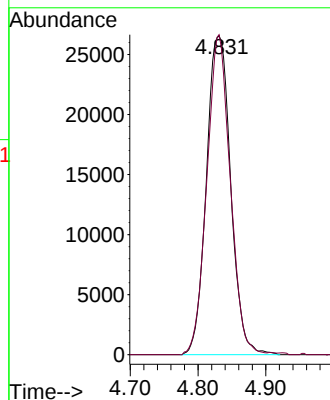
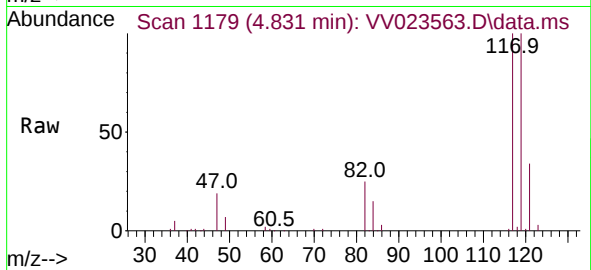




#31
Carbon tetrachloride
Concen: 4.726 ug/L
RT: 4.831 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

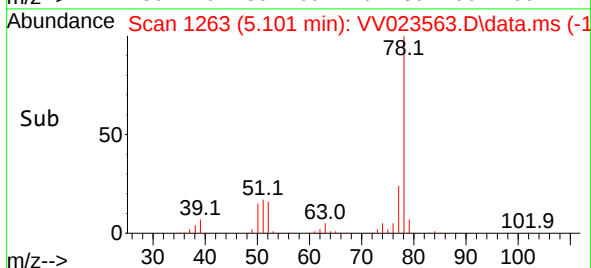
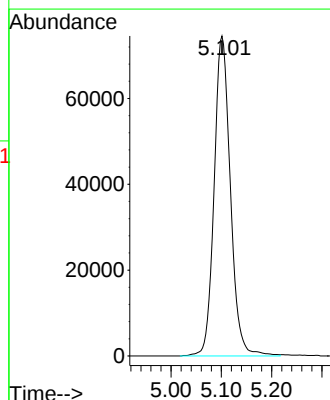
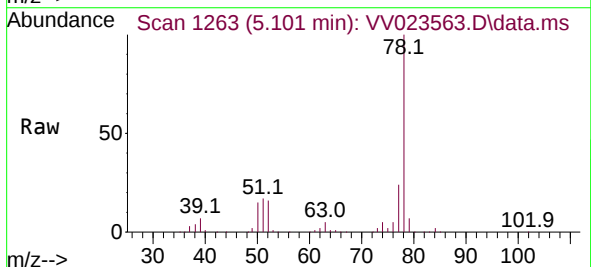
Instrument :
MSVOA_V
ClientSampleId :
VSTD005359

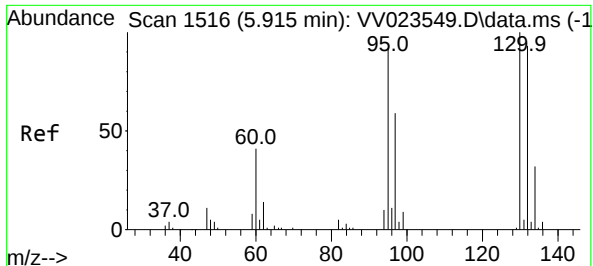
Tgt Ion:117 Resp: 66156
Ion Ratio Lower Upper
117 100
119 96.7 78.8 118.2



#33
Benzene
Concen: 4.672 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

Tgt Ion: 78 Resp: 167575



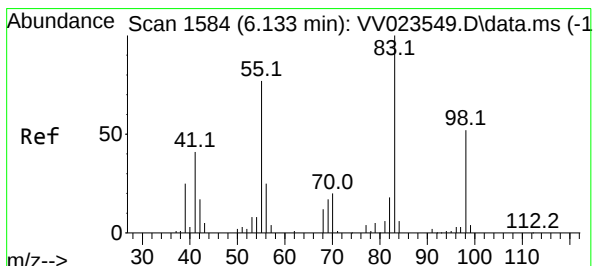
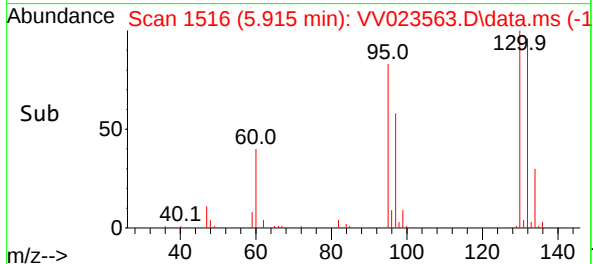
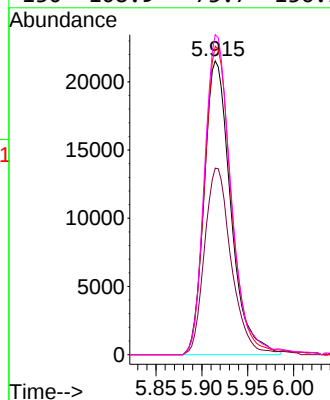
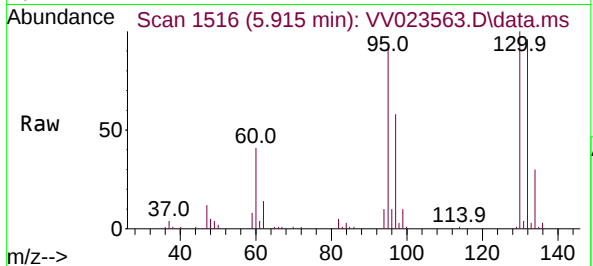


#34
Trichloroethene
Concen: 4.552 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD005359

Tgt Ion: 95 Resp: 43417

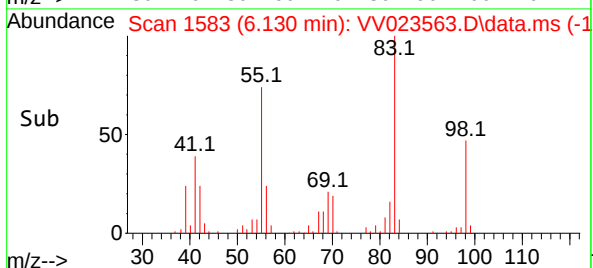
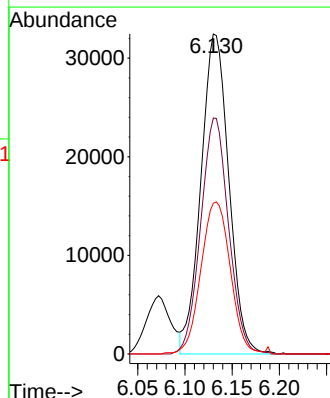
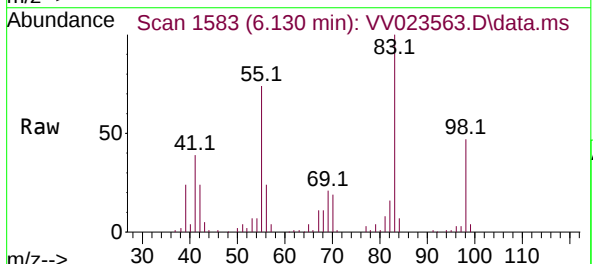
Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.0	83.6
132	105.0	69.7	129.4
130	108.9	73.7	136.9

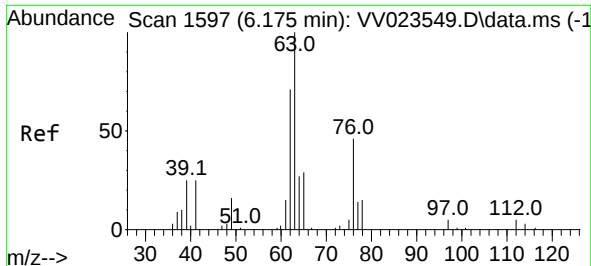


#35
Methylcyclohexane
Concen: 4.429 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

Tgt Ion: 83 Resp: 66676

Ion	Ratio	Lower	Upper
83	100		
55	73.7	62.8	94.2
98	49.9	37.9	56.9

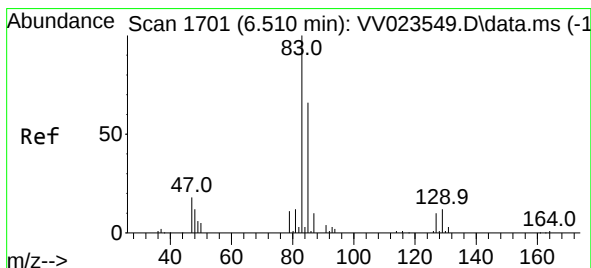
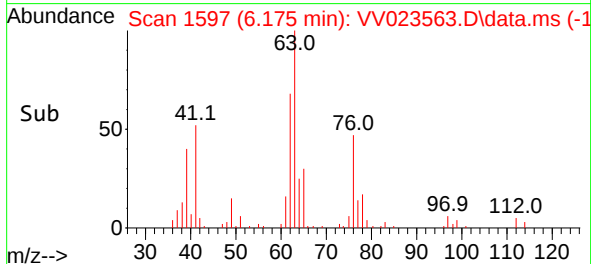
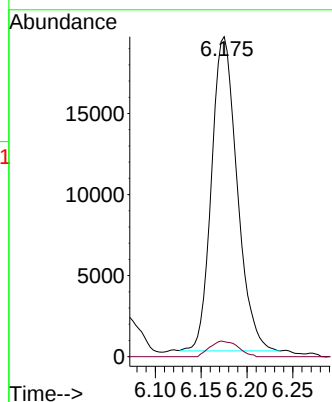
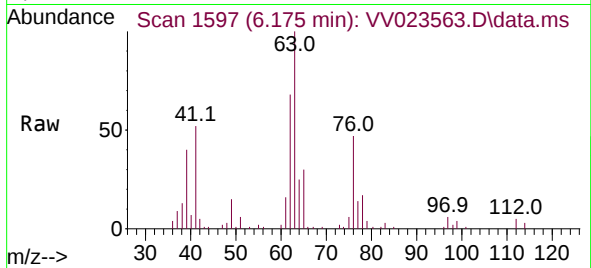




#37
1,2-Dichloropropane
Concen: 4.513 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

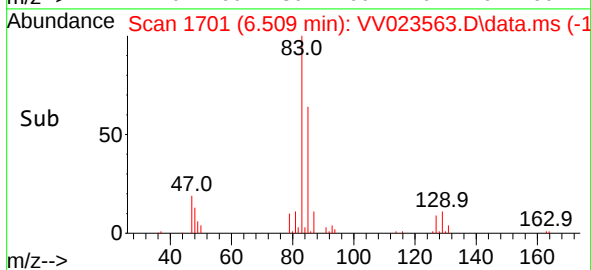
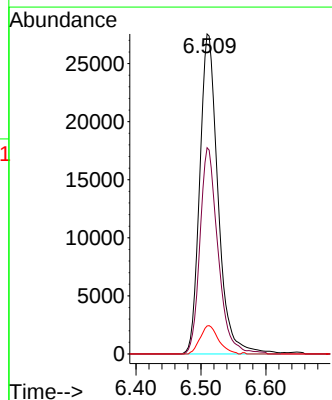
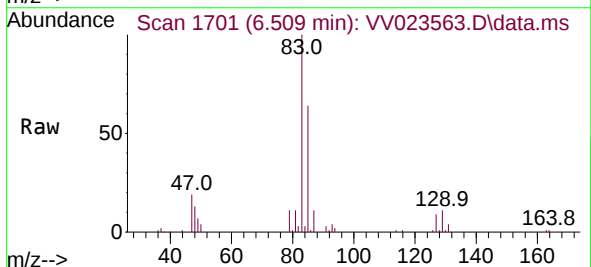
Instrument :
MSVOA_V
ClientSampleId :
VSTD005359

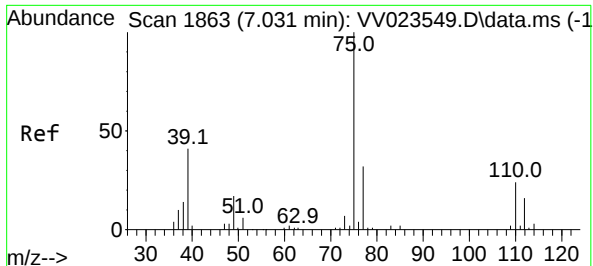
Tgt Ion: 63 Resp: 37789
Ion Ratio Lower Upper
63 100
112 5.5 4.6 6.8



#38
Bromodichloromethane
Concen: 4.811 ug/L
RT: 6.509 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

Tgt Ion: 83 Resp: 53989
Ion Ratio Lower Upper
83 100
85 64.5 46.1 85.7
127 8.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.337 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.003 min

Lab File: VV023563.D

Acq: 17 Nov 2021 03:08

Instrument :

MSVOA_V

ClientSampleId :

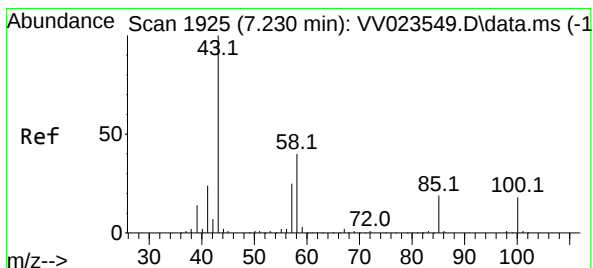
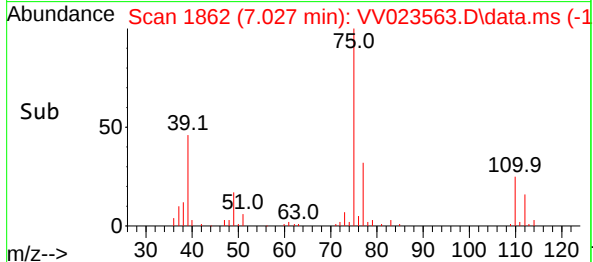
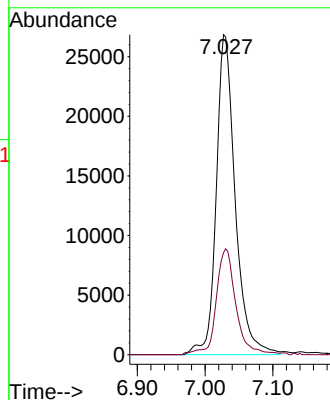
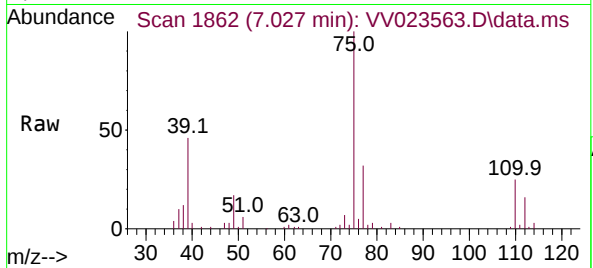
VSTD005359

Tgt Ion: 75 Resp: 52234

Ion Ratio Lower Upper

75 100

77 31.9 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 53.031 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. -0.000 min

Lab File: VV023563.D

Acq: 17 Nov 2021 03:08

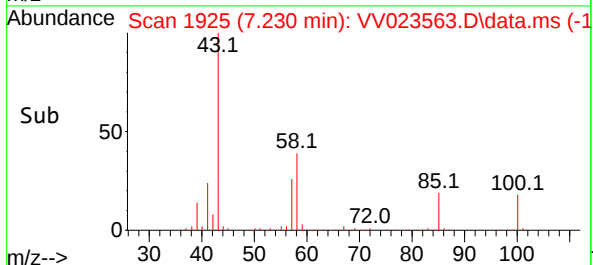
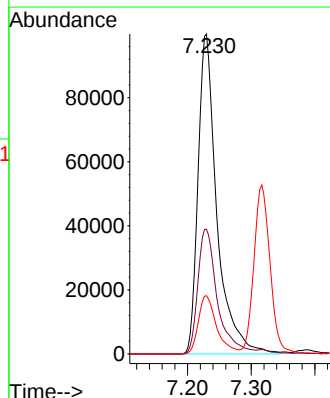
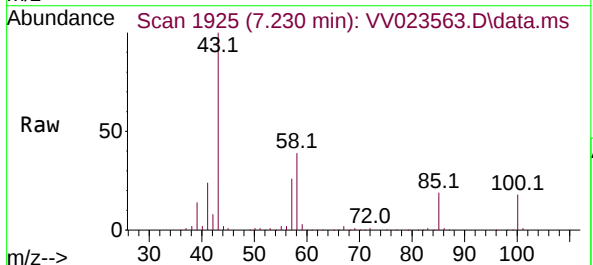
Tgt Ion: 43 Resp: 205942

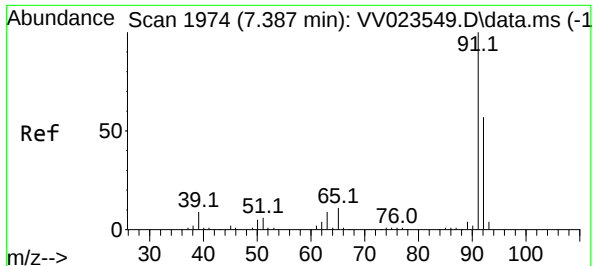
Ion Ratio Lower Upper

43 100

58 40.4 31.1 46.7

100 17.6 12.6 19.0





#42

Toluene

Concen: 4.824 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV023563.D

Acq: 17 Nov 2021 03:08

Instrument :

MSVOA_V

ClientSampleId :

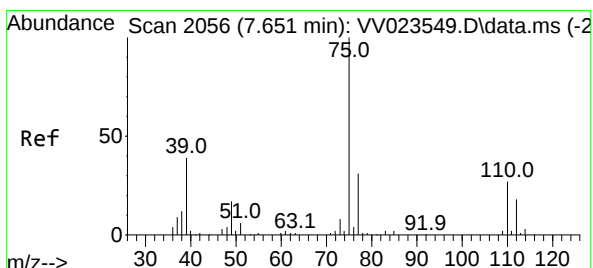
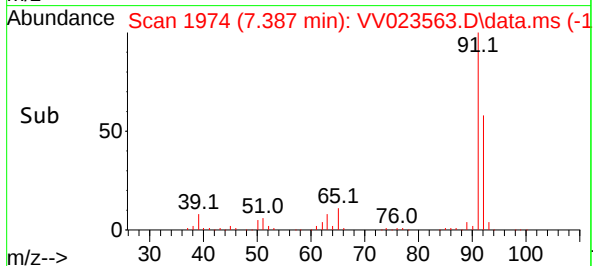
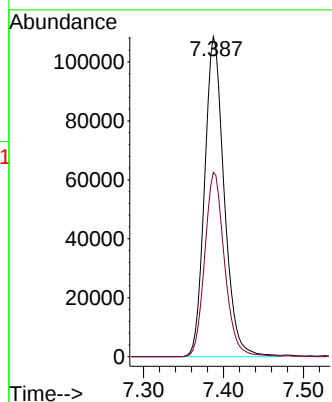
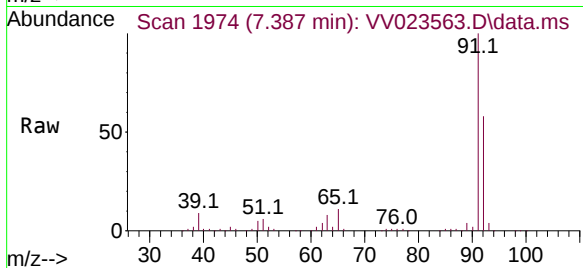
VSTD005359

Tgt Ion: 91 Resp: 185080

Ion Ratio Lower Upper

91 100

92 57.6 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 4.526 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV023563.D

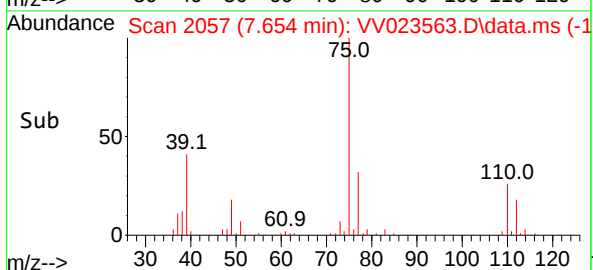
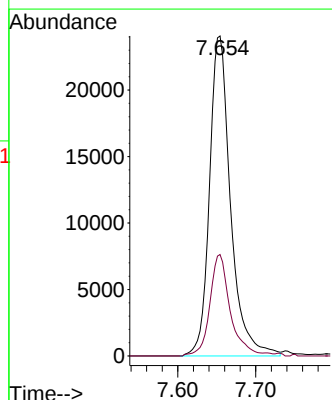
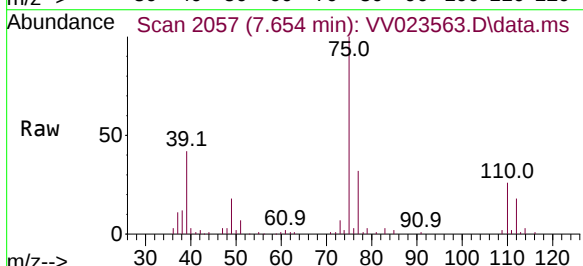
Acq: 17 Nov 2021 03:08

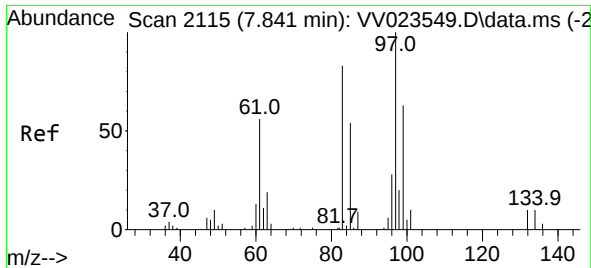
Tgt Ion: 75 Resp: 45226

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.7

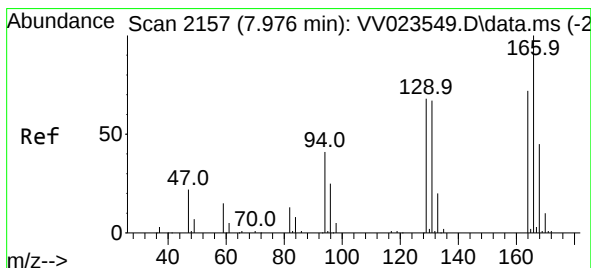
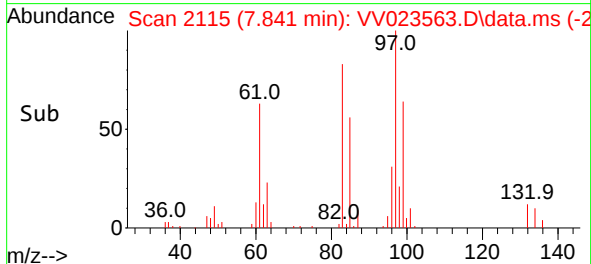
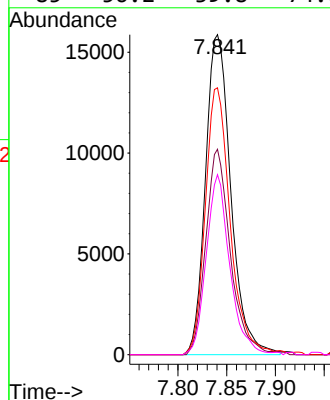
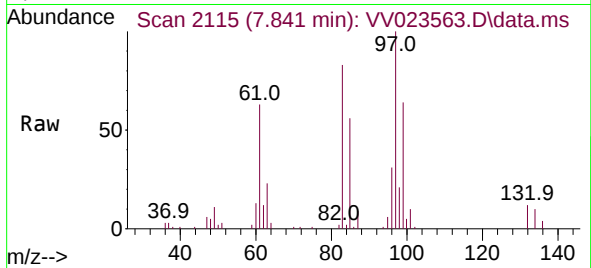




#45
1,1,2-Trichloroethane
Concen: 4.794 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

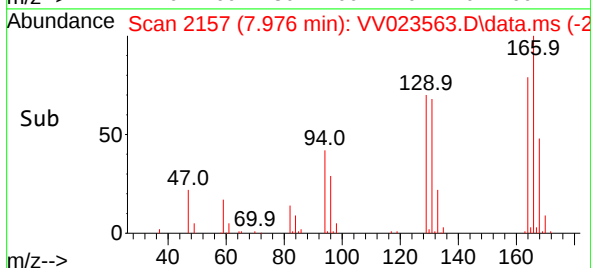
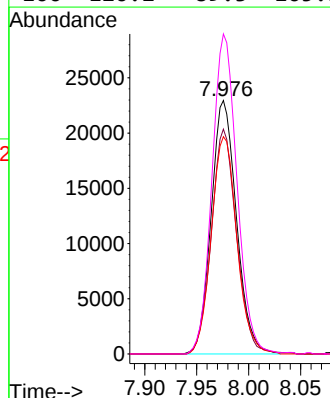
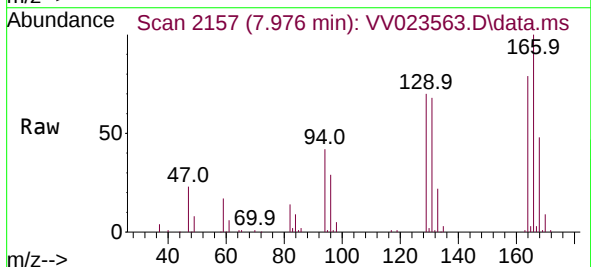
Instrument :
MSVOA_V
ClientSampleId :
VSTD005359

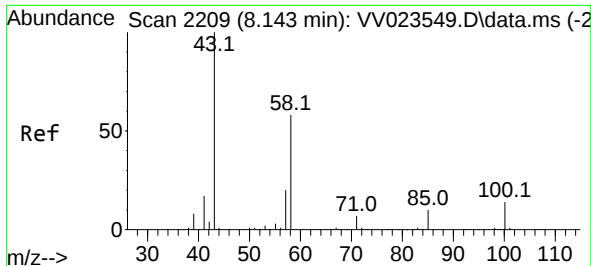
Tgt Ion:	97	Resp:	28841
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.6	81.0
83	83.4	58.4	108.4
85	56.2	39.8	74.0



#47
Tetrachloroethene
Concen: 4.708 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

Tgt Ion:	164	Resp:	38915
Ion	Ratio	Lower	Upper
164	100		
129	88.7	64.0	119.0
131	85.7	63.4	117.8
166	126.2	89.3	165.9



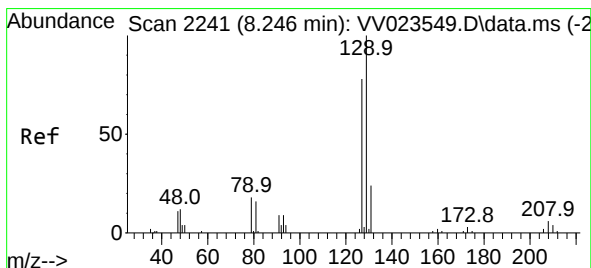
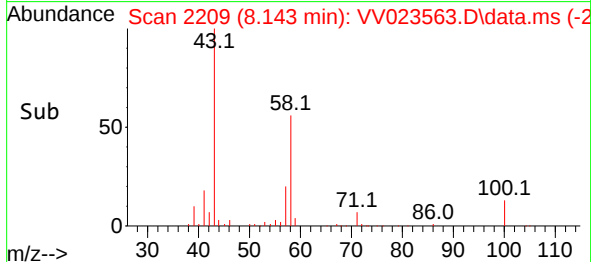
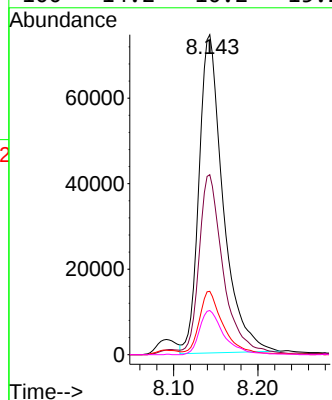
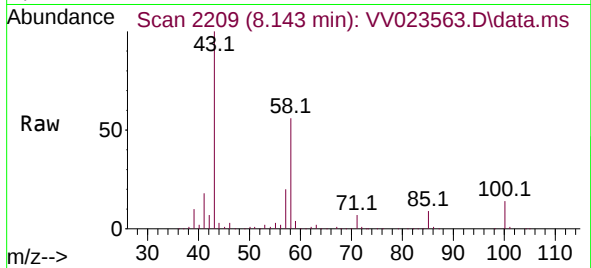


#48
2-Hexanone
Concen: 54.443 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD005359

Tgt Ion: 43 Resp: 148148

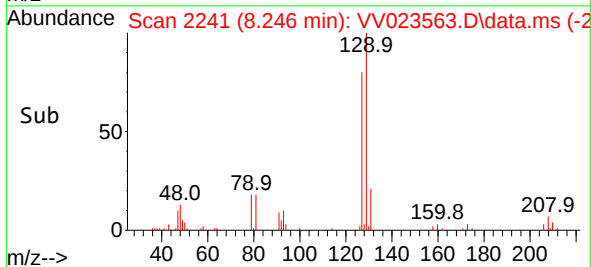
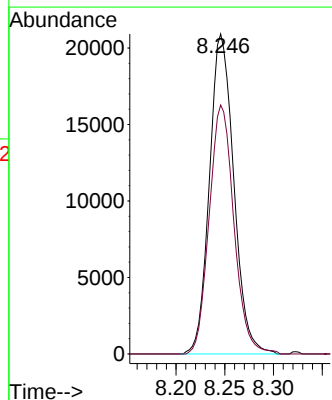
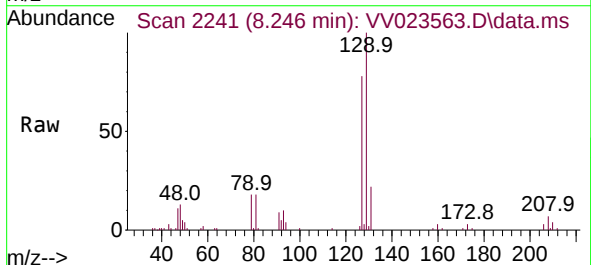
Ion	Ratio	Lower	Upper
43	100		
58	56.2	43.7	65.5
57	20.2	14.1	21.1
100	14.2	10.2	15.2

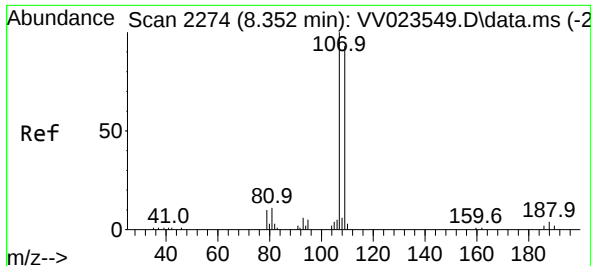


#49
Dibromochloromethane
Concen: 4.761 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

Tgt Ion: 129 Resp: 36290

Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.7	101.7





#50

1,2-Dibromoethane

Concen: 4.926 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023563.D

Acq: 17 Nov 2021 03:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005359

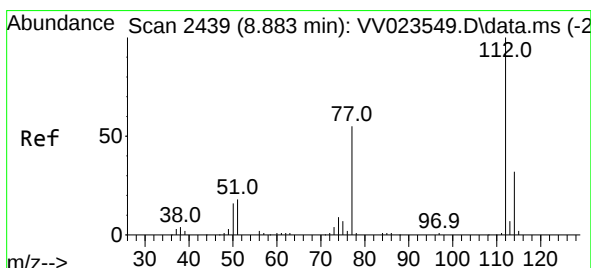
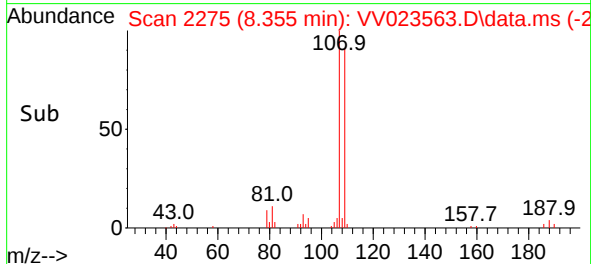
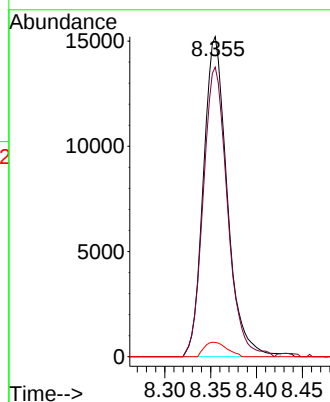
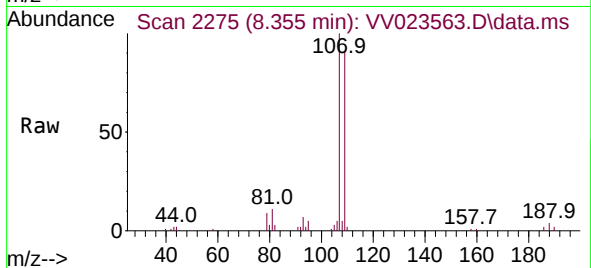
Tgt Ion:107 Resp: 27463

Ion Ratio Lower Upper

107 100

109 90.5 64.7 120.1

188 4.5 3.6 5.4



#51

Chlorobenzene

Concen: 4.660 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. -0.000 min

Lab File: VV023563.D

Acq: 17 Nov 2021 03:08

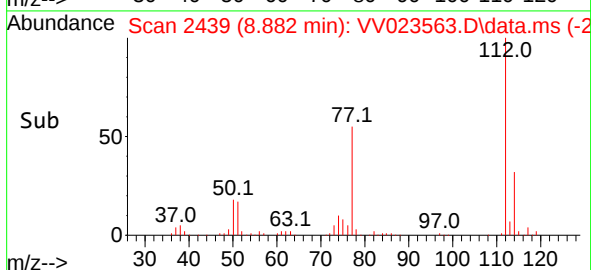
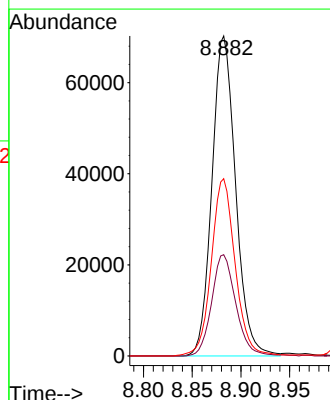
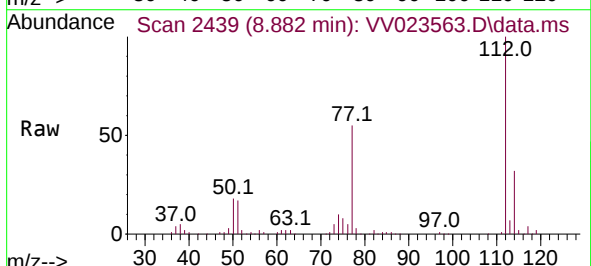
Tgt Ion:112 Resp: 118836

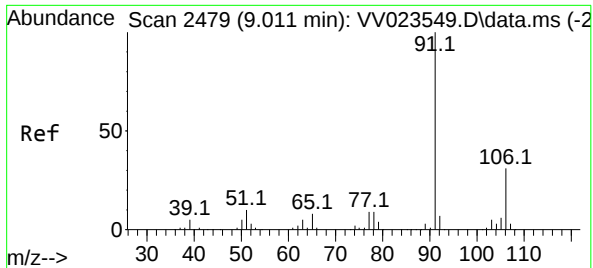
Ion Ratio Lower Upper

112 100

114 31.7 22.0 40.8

77 55.4 44.4 66.6

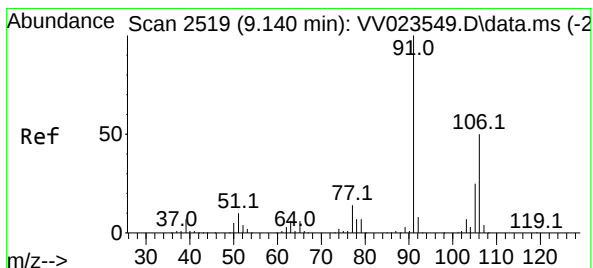
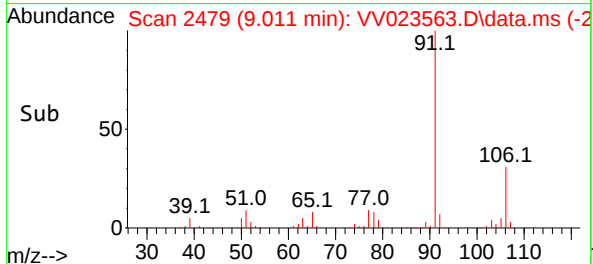
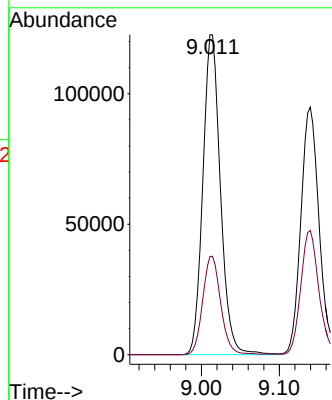
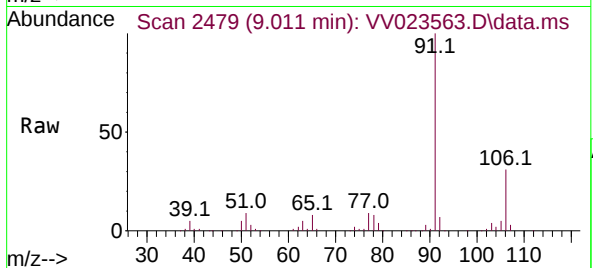




#52
Ethylbenzene
Concen: 4.755 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

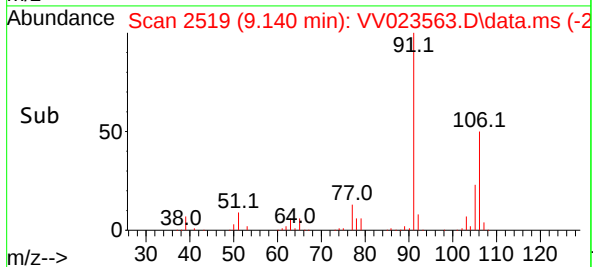
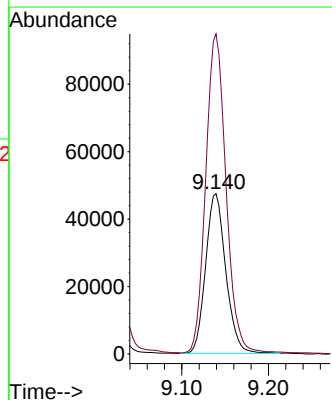
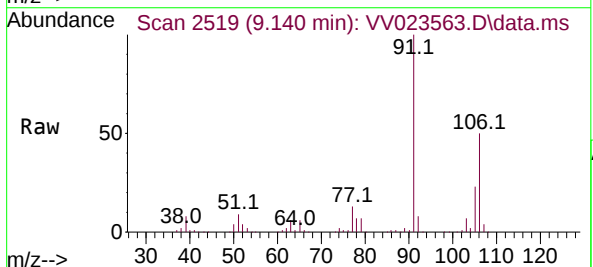
Instrument :
MSVOA_V
ClientSampleId :
VSTD005359

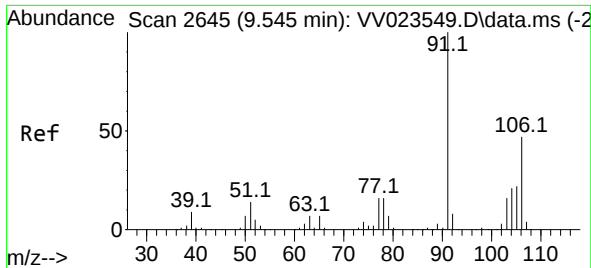
Tgt Ion: 91 Resp: 192385
Ion Ratio Lower Upper
91 100
106 30.7 22.5 41.9



#53
m,p-xylene
Concen: 4.823 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

Tgt Ion: 106 Resp: 76584
Ion Ratio Lower Upper
106 100
91 199.5 137.2 254.8

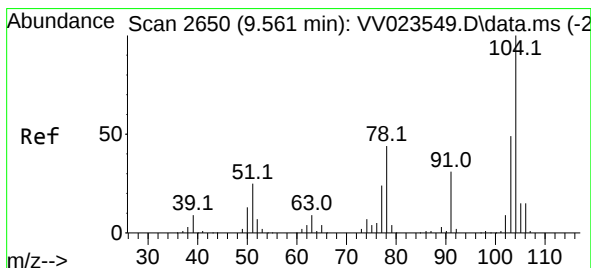
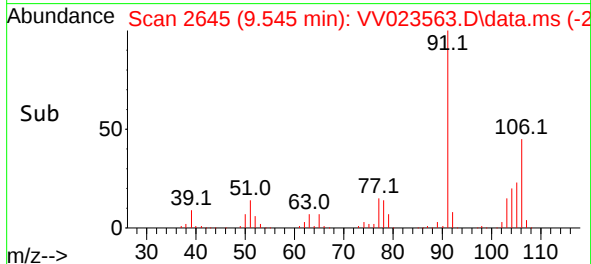
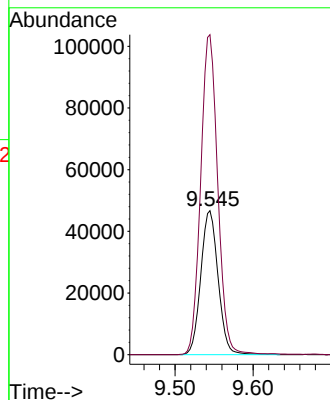
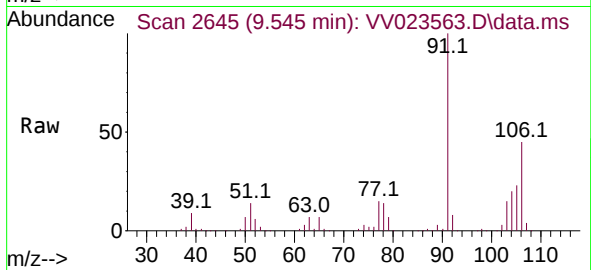




#54
o-xylene
Concen: 4.834 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

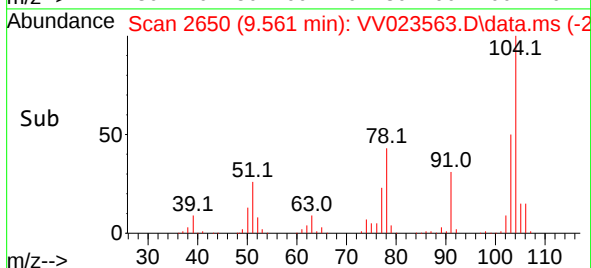
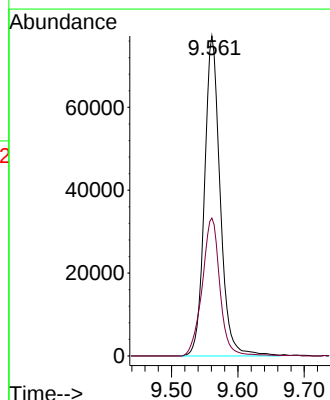
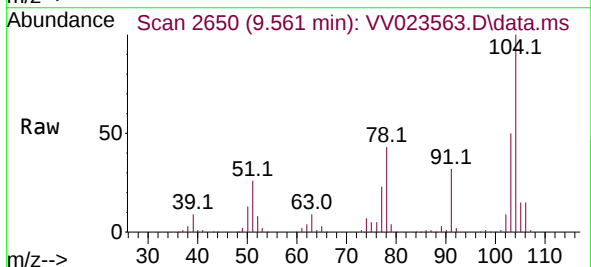
Instrument :
MSVOA_V
ClientSampleId :
VSTD005359

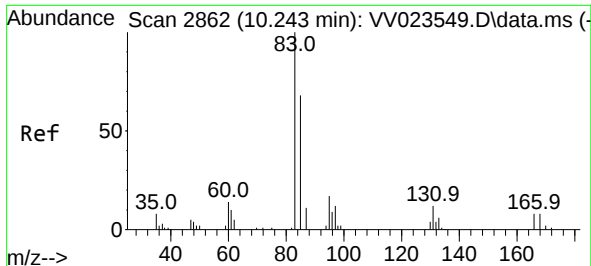
Tgt Ion:106 Resp: 72015
Ion Ratio Lower Upper
106 100
91 222.1 148.3 275.5



#55
Styrene
Concen: 4.970 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

Tgt Ion:104 Resp: 126843
Ion Ratio Lower Upper
104 100
78 43.1 29.3 54.3





#57

1,1,2,2-Tetrachloroethane

Concen: 4.620 ug/L

RT: 10.242 min Scan# 2862

Delta R.T. -0.000 min

Lab File: VV023563.D

Acq: 17 Nov 2021 03:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005359

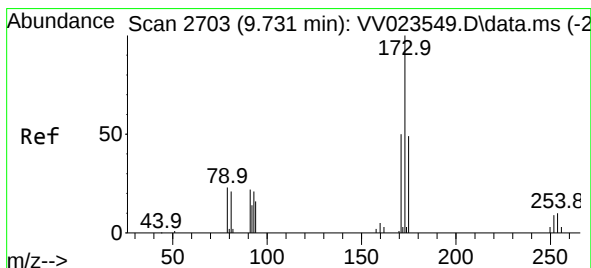
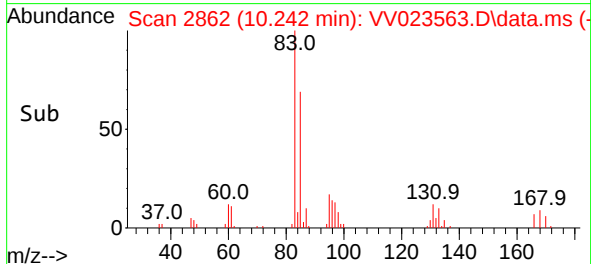
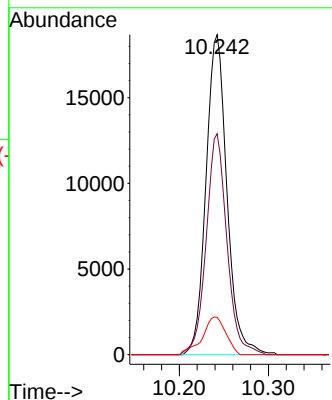
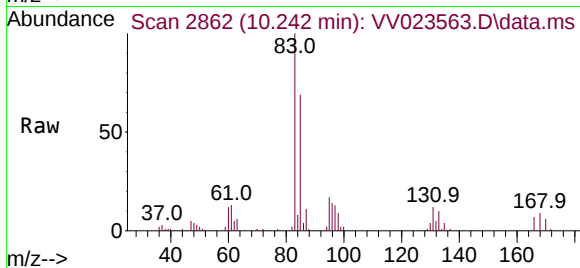
Tgt Ion: 83 Resp: 30453

Ion Ratio Lower Upper

83 100

85 69.1 45.1 83.9

131 11.6 7.8 11.6



#59

Bromoform

Concen: 4.688 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV023563.D

Acq: 17 Nov 2021 03:08

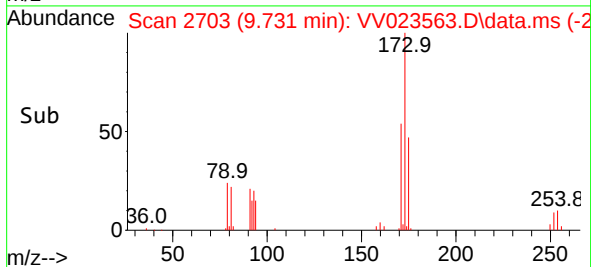
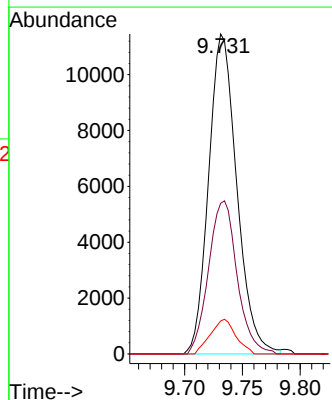
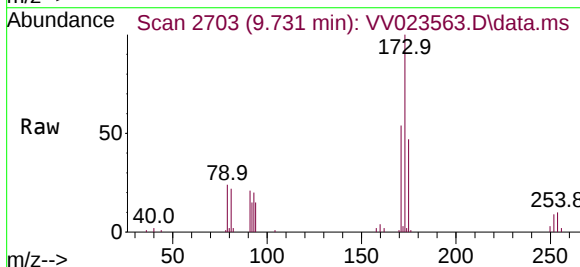
Tgt Ion: 173 Resp: 19430

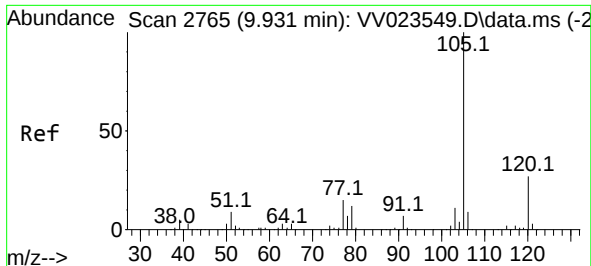
Ion Ratio Lower Upper

173 100

175 48.4 38.2 57.2

254 9.7 6.2 9.2#

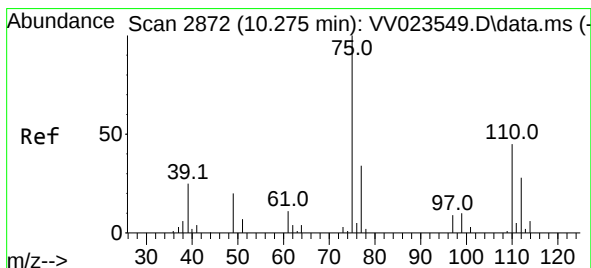
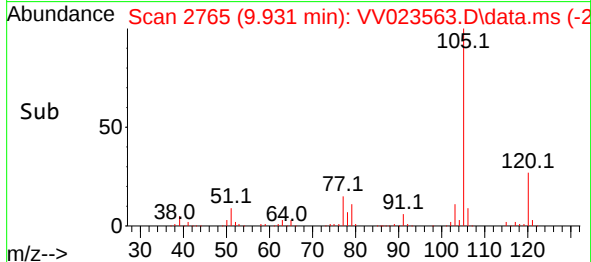
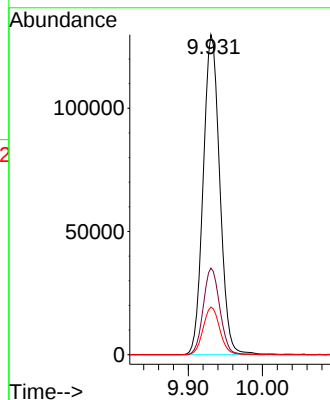
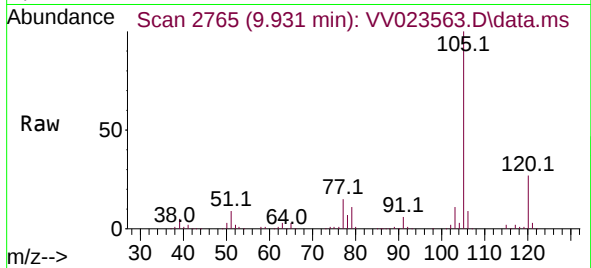




#60
Isopropylbenzene
Concen: 5.047 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

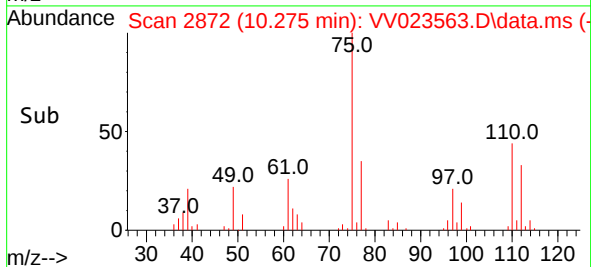
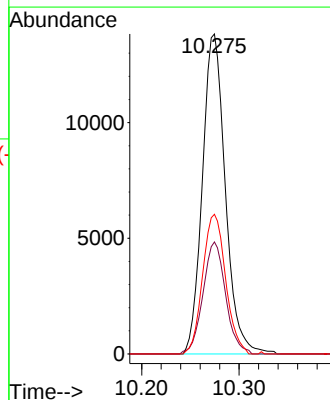
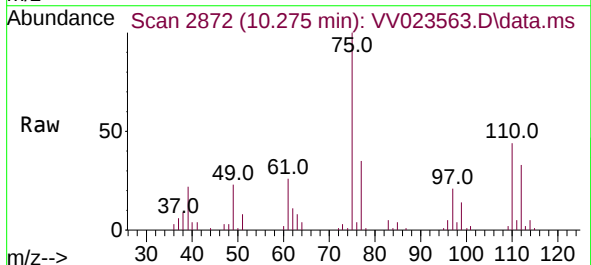
Instrument :
MSVOA_V
ClientSampleId :
VSTD005359

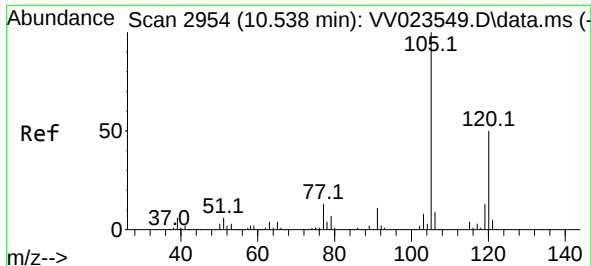
Tgt Ion:105 Resp: 200978
Ion Ratio Lower Upper
105 100
120 27.0 21.7 32.5
77 15.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.908 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

Tgt Ion: 75 Resp: 22623
Ion Ratio Lower Upper
75 100
77 34.4 26.6 39.8
110 43.7 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 4.986 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV023563.D

Acq: 17 Nov 2021 03:08

Instrument :

MSVOA_V

ClientSampleId :

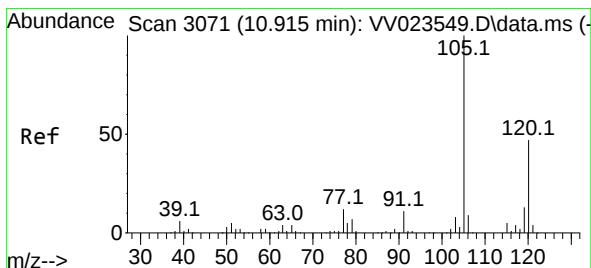
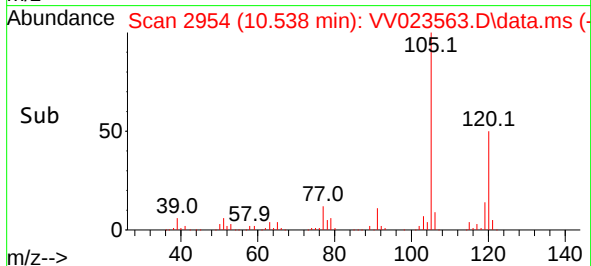
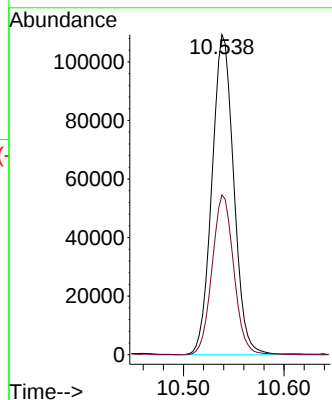
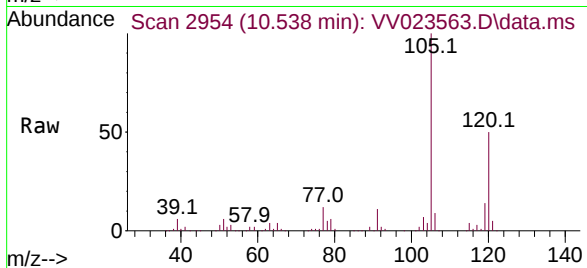
VSTD005359

Tgt Ion:105 Resp: 164619

Ion Ratio Lower Upper

105 100

120 49.6 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.035 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV023563.D

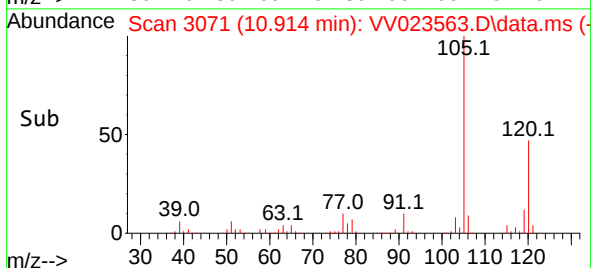
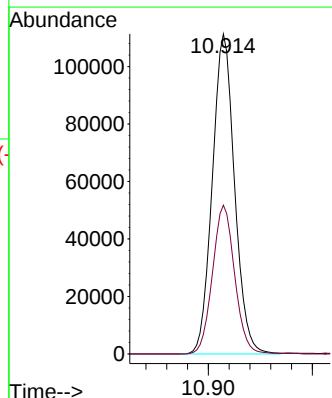
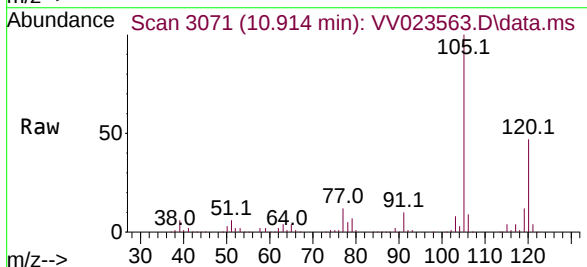
Acq: 17 Nov 2021 03:08

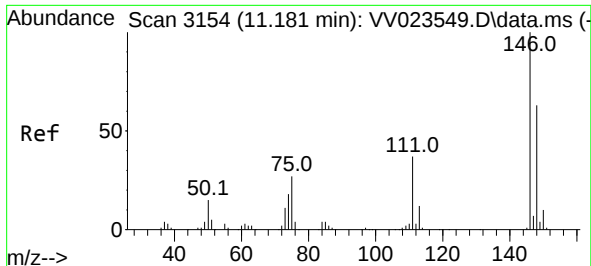
Tgt Ion:105 Resp: 165482

Ion Ratio Lower Upper

105 100

120 46.3 37.4 56.2

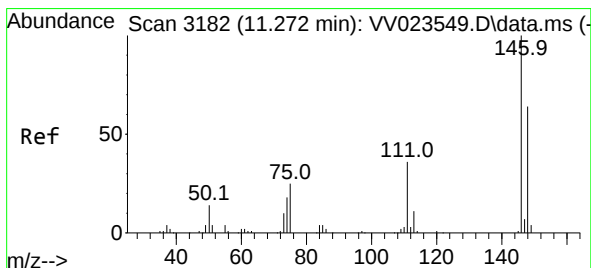
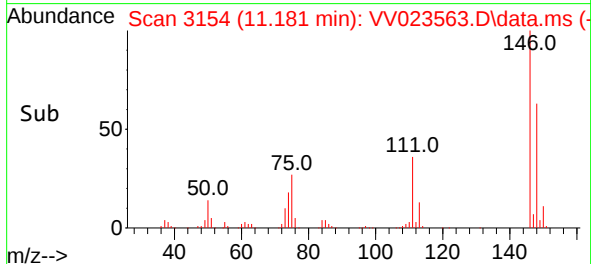
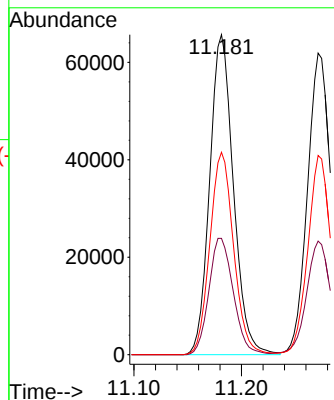
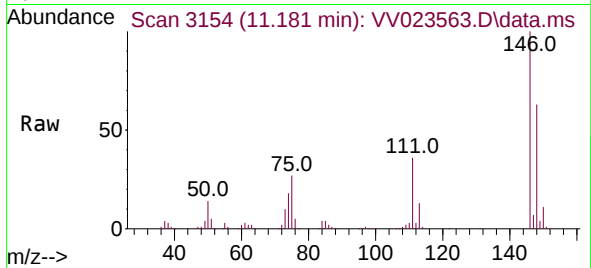




#64
1,3-Dichlorobenzene
Concen: 4.950 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

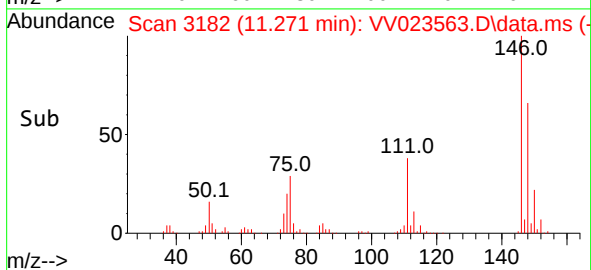
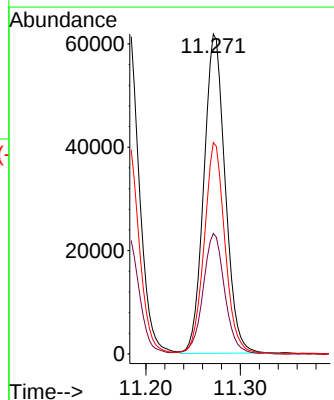
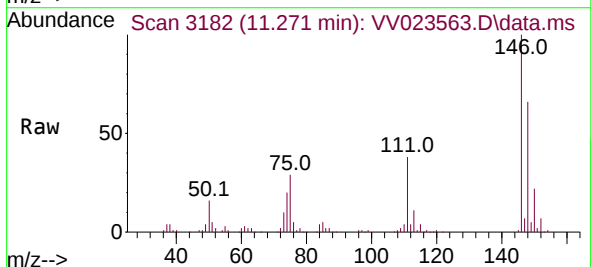
Instrument :
MSVOA_V
ClientSampleId :
VSTD005359

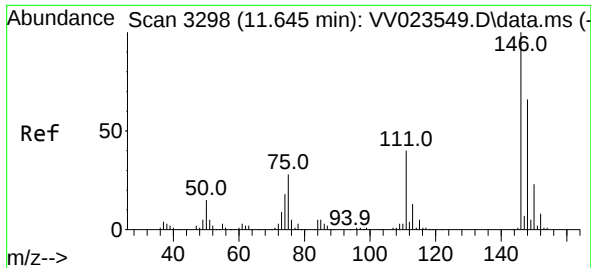
Tgt Ion:146 Resp: 100727
Ion Ratio Lower Upper
146 100
111 36.4 26.7 49.7
148 63.3 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 4.649 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023563.D
Acq: 17 Nov 2021 03:08

Tgt Ion:146 Resp: 96602
Ion Ratio Lower Upper
146 100
111 37.7 26.2 48.8
148 66.1 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 4.910 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV023563.D

Acq: 17 Nov 2021 03:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005359

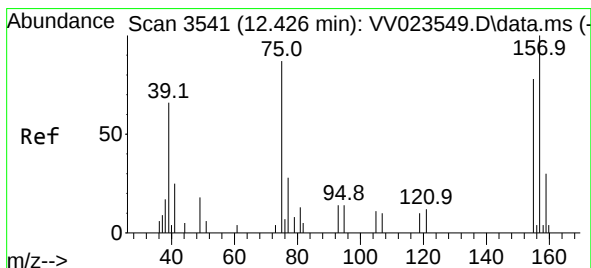
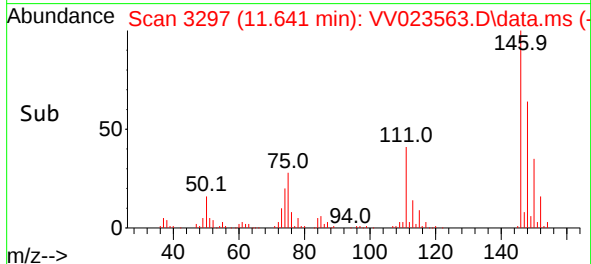
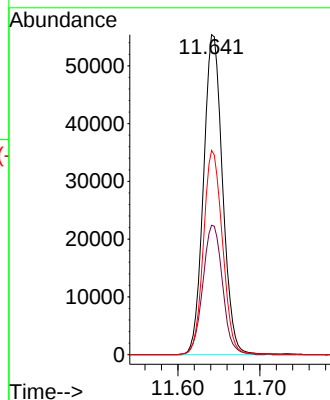
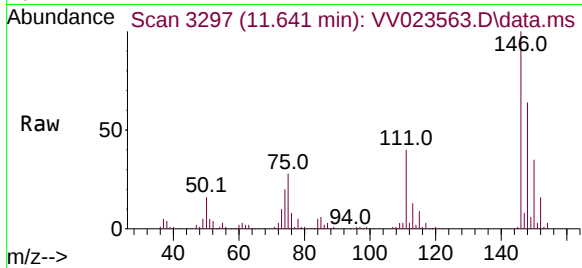
Tgt Ion:146 Resp: 89399

Ion Ratio Lower Upper

146 100

111 40.5 31.6 47.4

148 63.8 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.904 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV023563.D

Acq: 17 Nov 2021 03:08

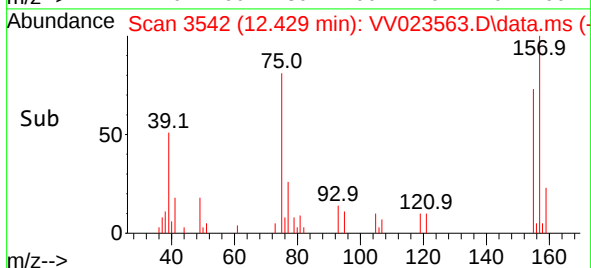
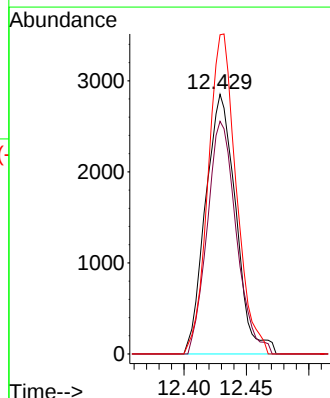
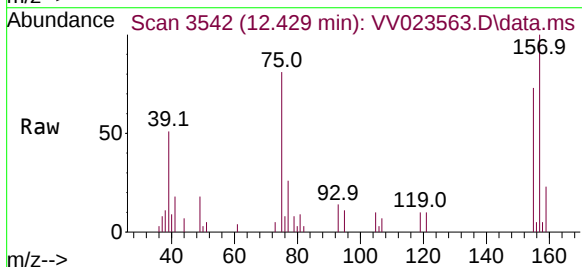
Tgt Ion: 75 Resp: 4816

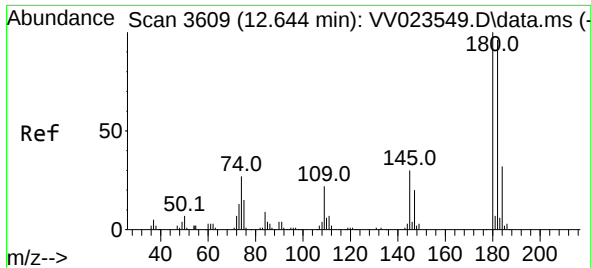
Ion Ratio Lower Upper

75 100

155 89.6 67.7 101.5

157 122.9 87.9 131.9

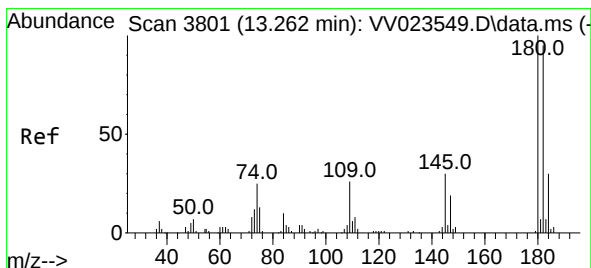
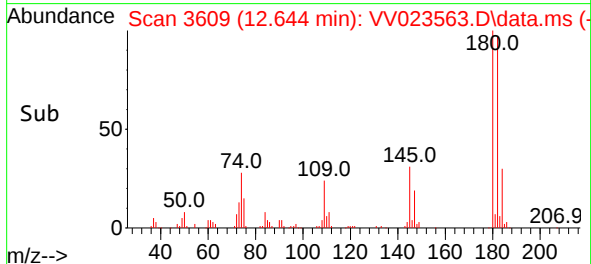
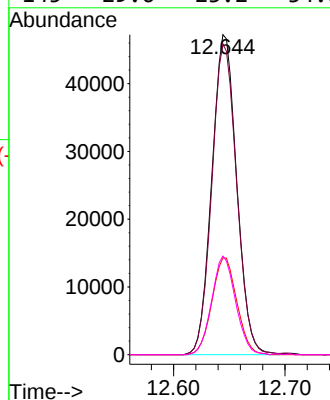
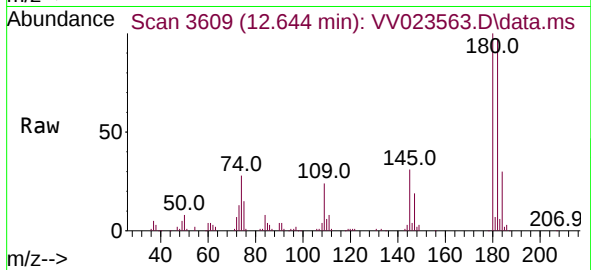




#69
 1,3,5-Trichlorobenzene
 Concen: 4.590 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV023563.D
 Acq: 17 Nov 2021 03:08

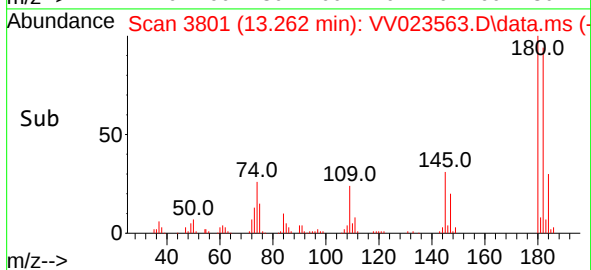
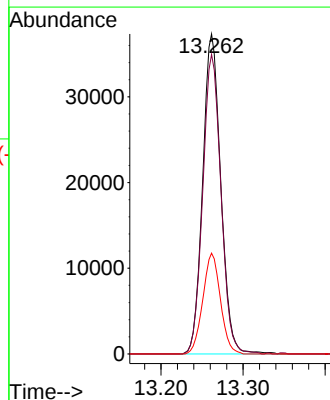
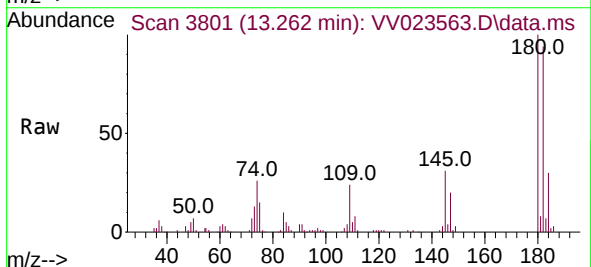
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005359

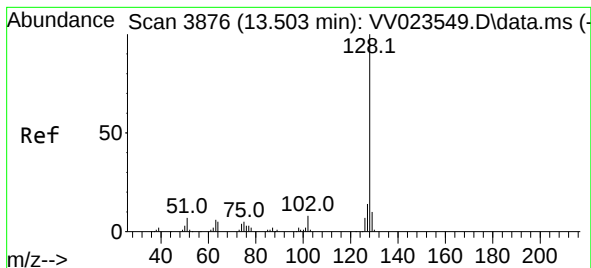
Tgt Ion:180	Resp:	73118
Ion	Ratio	Lower Upper
180	100	
182	96.9	74.9 112.3
184	30.3	23.8 35.8
145	29.6	23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.479 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV023563.D
 Acq: 17 Nov 2021 03:08

Tgt Ion:180	Resp:	57141
Ion	Ratio	Lower Upper
180	100	
182	94.1	76.9 115.3
145	30.6	24.4 36.6





#71

Naphthalene

Concen: 4.307 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. -0.000 min

Lab File: VV023563.D

Acq: 17 Nov 2021 03:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005359

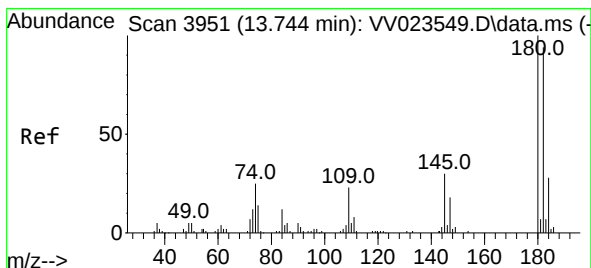
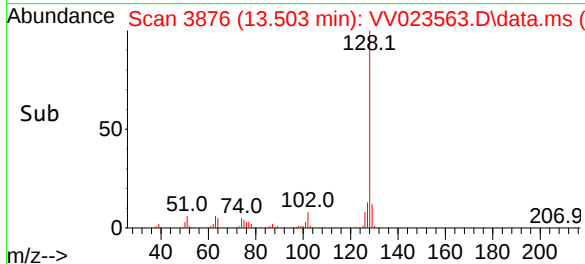
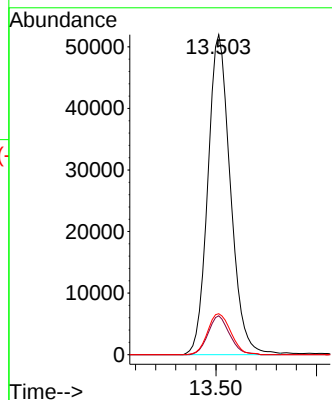
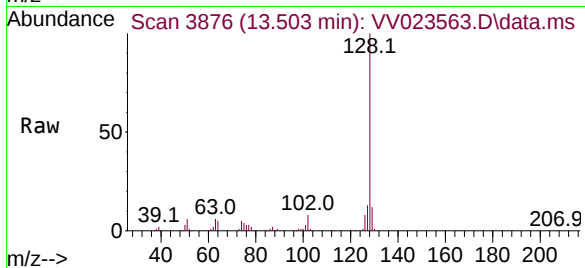
Tgt Ion:128 Resp: 81020

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

127 13.2 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 4.613 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VV023563.D

Acq: 17 Nov 2021 03:08

Tgt Ion:180 Resp: 51486

Ion Ratio Lower Upper

180 100

182 95.9 76.7 115.1

145 31.9 25.7 38.5

