

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102021\
 Data File : VW022947.D
 Acq On : 20 Oct 2021 21:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005318

Quant Time: Oct 21 02:51:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	137033	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	139372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76733	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	45216	4.796	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.568	69	33878	3.999	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.108	63	75830	4.100	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	3.886	46	84322	34.110	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.220%
24) Chloroform-d	4.346	84	78888	4.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	5.030	65	41999	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.046	84	190076	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.066	67	57964	4.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.313	98	178781	4.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	7.622	79	17223	4.225	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.088	63	76702	46.695	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.400%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39744	4.775	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	64452	4.530	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	48245	4.831	ug/L	99
3) Chloromethane	1.240	50	52611	5.241	ug/L	100
5) Vinyl chloride	1.310	62	54628	5.267	ug/L	99
6) Bromomethane	1.519	94	21269	3.290	ug/L	96
8) Chloroethane	1.584	64	26445	4.121	ug/L	97
9) Trichlorofluoromethane	1.751	101	72933	4.801	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	39562	4.477	ug/L	96
12) 1,1-Dichloroethene	2.117	96	36755	4.441	ug/L	87
13) Acetone	2.175	43	47984	34.809	ug/L #	53
14) Carbon disulfide	2.294	76	128439	5.521	ug/L	99
15) Methyl Acetate	2.436	43	16112	4.085	ug/L	98
16) Methylene chloride	2.503	84	57888	5.081	ug/L	93
17) Methyl tert-butyl Ether	2.764	73	87938	4.390	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	47948	5.326	ug/L	98
19) 1,1-Dichloroethane	3.185	63	87341	5.387	ug/L	98
21) 2-Butanone	3.966	43	81066	35.917	ug/L	100
22) cis-1,2-Dichloroethene	3.908	96	48119	5.091	ug/L	98
23) Bromochloromethane	4.243	128	23391	5.570	ug/L	92
25) Chloroform	4.371	83	111026	5.907	ug/L	99

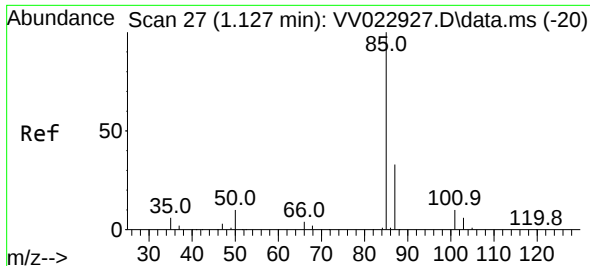
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102021\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	47529	5.067	ug/L	95
29) 1,1,1-Trichloroethane	4.603	97	79080	4.969	ug/L	99
30) Cyclohexane	4.674	56	64904	4.419	ug/L	99
31) Carbon tetrachloride	4.825	117	69635	5.041	ug/L	100
33) Benzene	5.098	78	191674	5.106	ug/L	100
34) Trichloroethene	5.911	95	49237	4.824	ug/L	97
35) Methylcyclohexane	6.127	83	70217	4.910	ug/L	96
37) 1,2-Dichloropropane	6.169	63	47015	5.208	ug/L	98
38) Bromodichloromethane	6.506	83	57994	5.214	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	60142	5.032	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	229853	47.385	ug/L	98
42) Toluene	7.387	91	209805	5.506	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	51217	5.257	ug/L	93
45) 1,1,2-Trichloroethane	7.837	97	33205	4.957	ug/L	97
47) Tetrachloroethene	7.976	164	41813	5.065	ug/L	98
48) 2-Hexanone	8.136	43	166234	46.870	ug/L	97
49) Dibromochloromethane	8.246	129	40639	5.182	ug/L	94
50) 1,2-Dibromoethane	8.352	107	30291	4.842	ug/L	100
51) Chlorobenzene	8.879	112	133638	5.337	ug/L	99
52) Ethylbenzene	9.011	91	209413	5.413	ug/L	99
53) m,p-xylene	9.136	106	83071	5.471	ug/L	98
54) o-xylene	9.545	106	78629	5.505	ug/L	96
55) Styrene	9.561	104	141018	5.730	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	36156	5.335	ug/L	100
59) Bromoform	9.731	173	21827	5.078	ug/L	97
60) Isopropylbenzene	9.931	105	211509	5.427	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	25567	4.796	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	164789	5.233	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	171921	5.455	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	110714	5.412	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	111502	5.368	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	99212	5.170	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	5346	5.509	ug/L	87
69) 1,3,5-Trichlorobenzene	12.644	180	83616	5.426	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	64862	5.510	ug/L	100
71) Naphthalene	13.503	128	89611	4.789	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	58350	5.257	ug/L	98

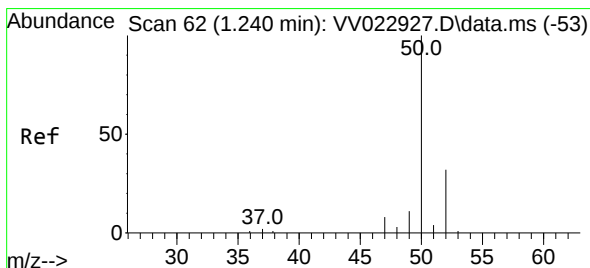
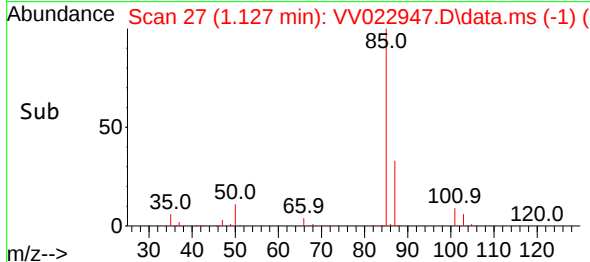
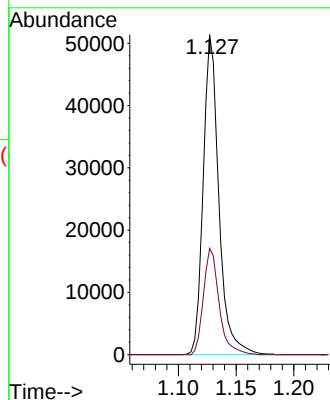
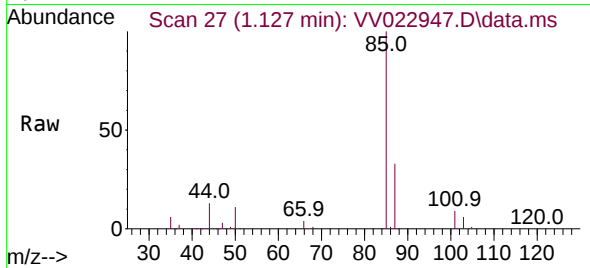
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.831 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022947.D
 Acq: 20 Oct 2021 21:57

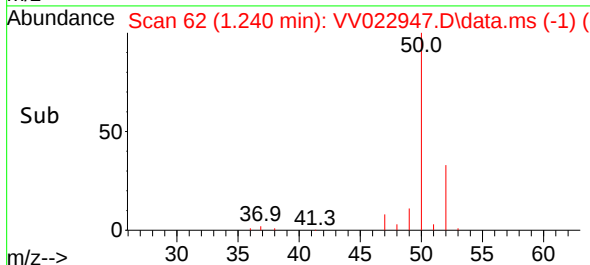
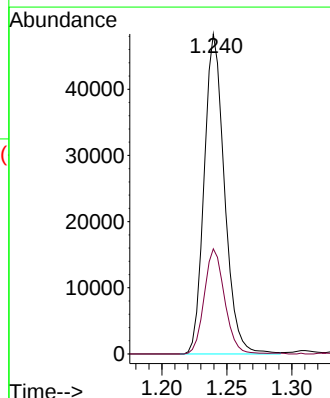
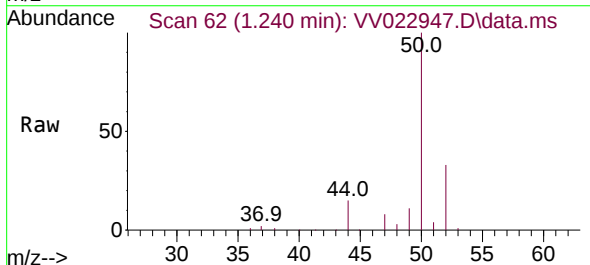
Instrument :
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 ClientSampleId :
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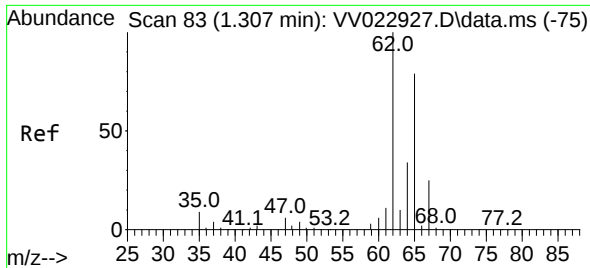
Tgt Ion: 85 Resp: 48245
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.3 39.5



#3
 Chloromethane
 Concen: 5.241 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV022947.D
 Acq: 20 Oct 2021 21:57

Tgt Ion: 50 Resp: 52611
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.9 42.5

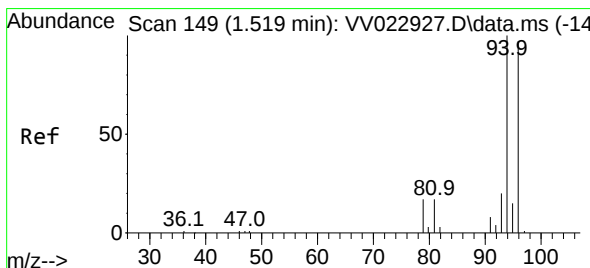
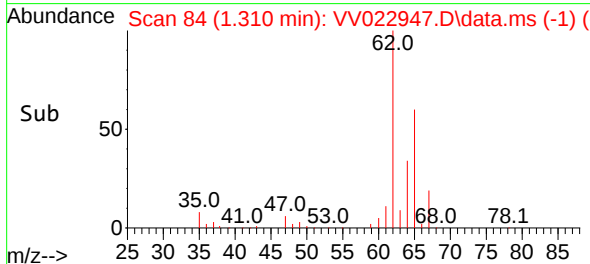
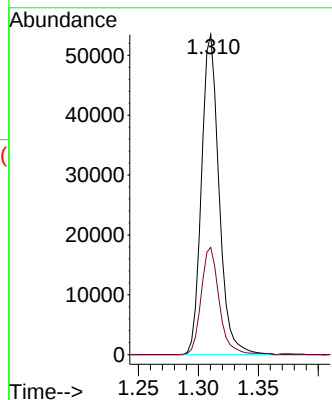
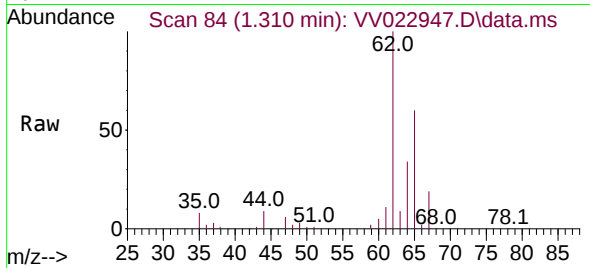




#5
 Vinyl chloride
 Concen: 5.267 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022947.D
 Acq: 20 Oct 2021 21:57

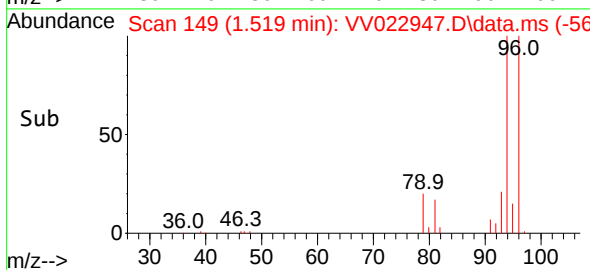
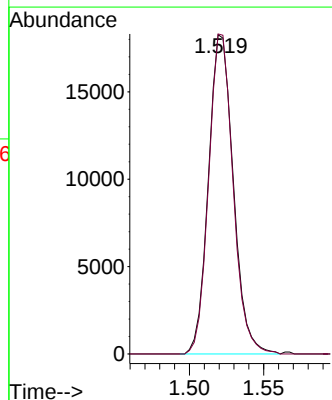
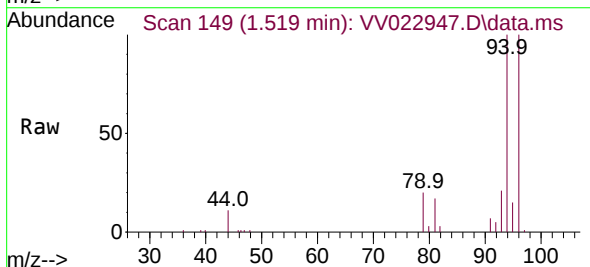
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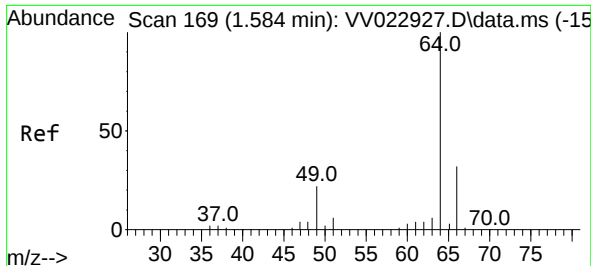
Tgt Ion: 62 Resp: 54628
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.0 42.8



#6
 Bromomethane
 Concen: 3.290 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV022947.D
 Acq: 20 Oct 2021 21:57

Tgt Ion: 94 Resp: 21269
 Ion Ratio Lower Upper
 94 100
 96 100.3 67.2 124.8

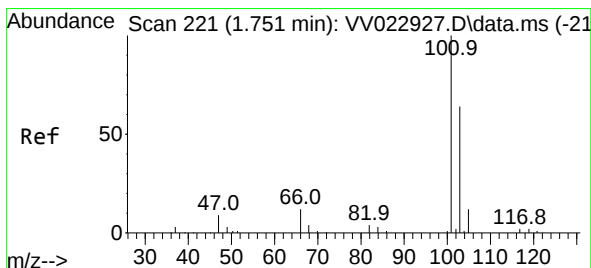
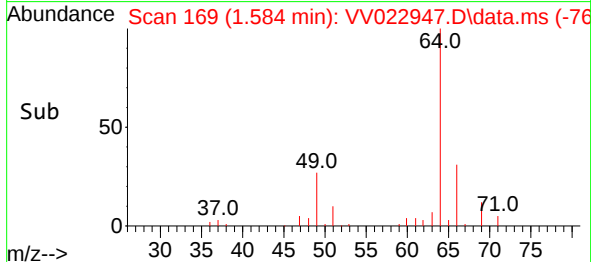
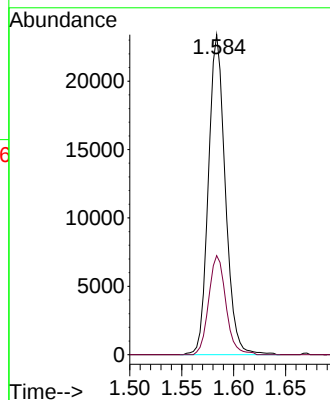
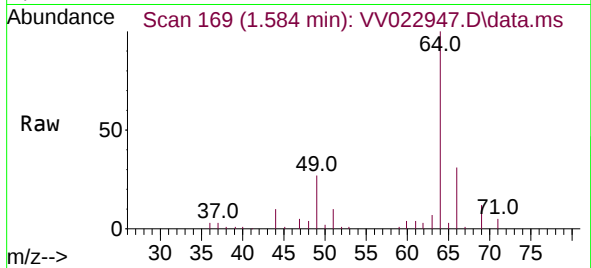




#8
Chloroethane
Concen: 4.121 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

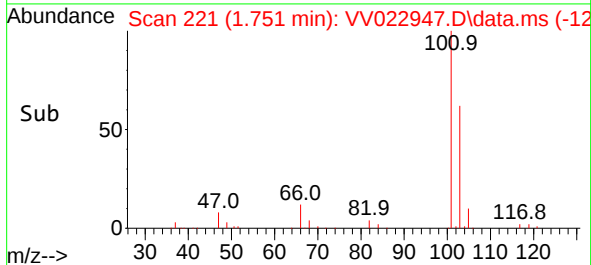
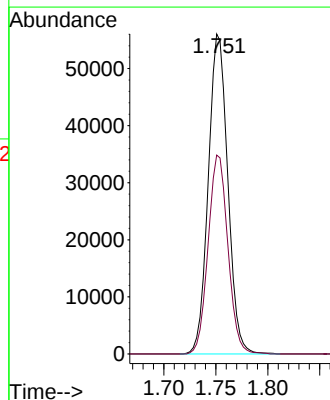
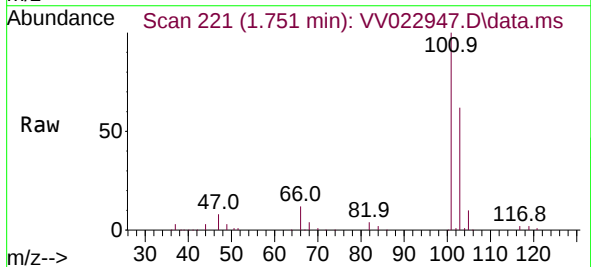
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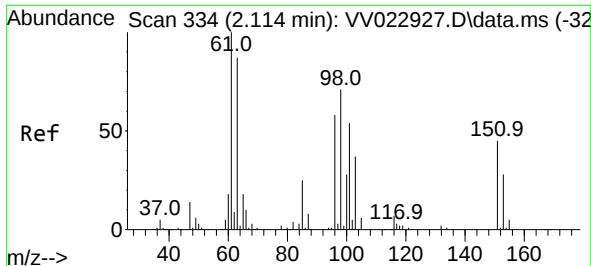
Tgt Ion: 64 Resp: 26445
Ion Ratio Lower Upper
64 100
66 30.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.801 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Tgt Ion:101 Resp: 72933
Ion Ratio Lower Upper
101 100
103 63.0 50.3 75.5

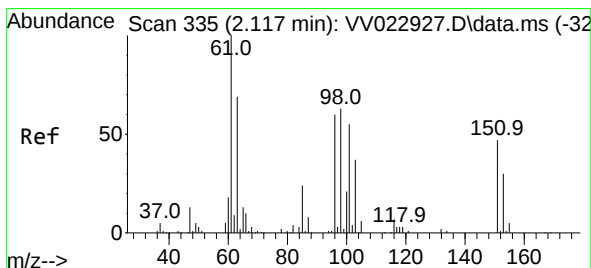
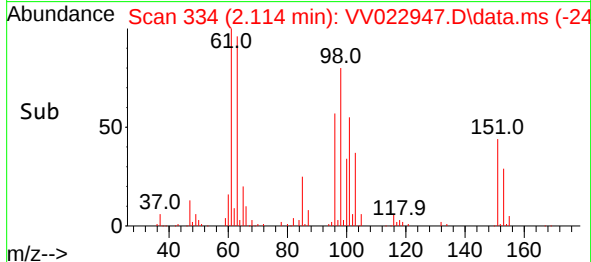
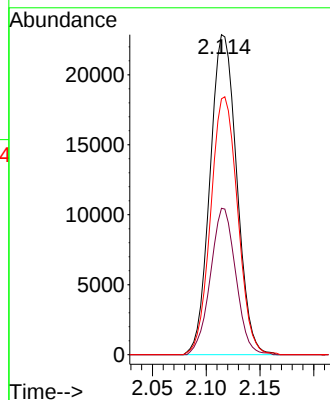
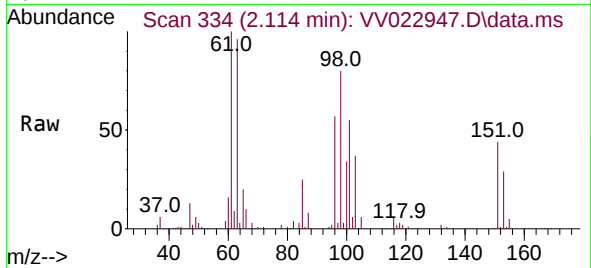




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.477 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV022947.D
 Acq: 20 Oct 2021 21:57

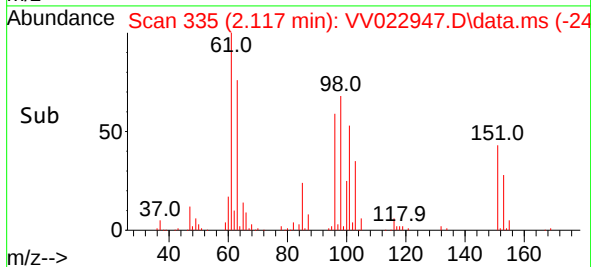
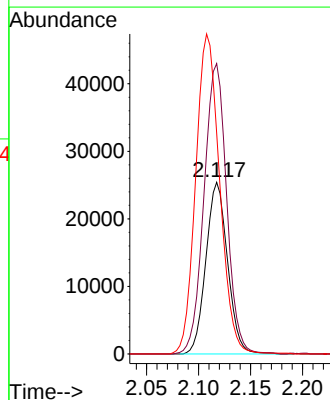
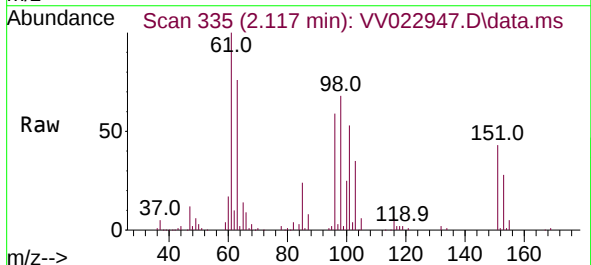
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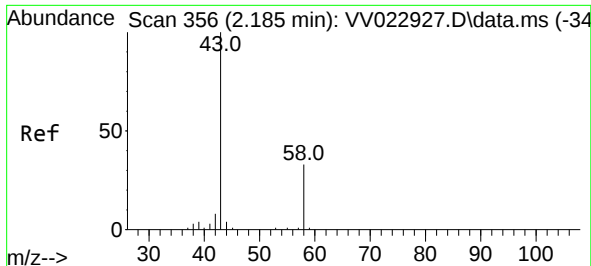
Tgt Ion:101 Resp: 39562
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.6 52.0
 151 81.1 60.9 91.3



#12
 1,1-Dichloroethene
 Concen: 4.441 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV022947.D
 Acq: 20 Oct 2021 21:57

Tgt Ion: 96 Resp: 36755
 Ion Ratio Lower Upper
 96 100
 61 169.2 127.3 236.5
 63 128.7 106.2 197.2

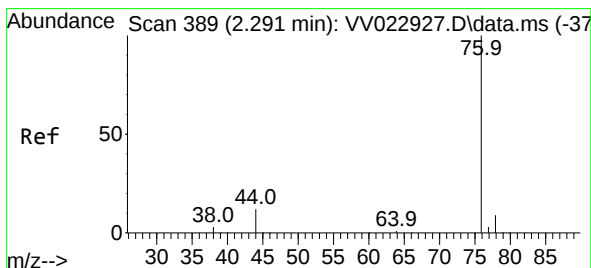
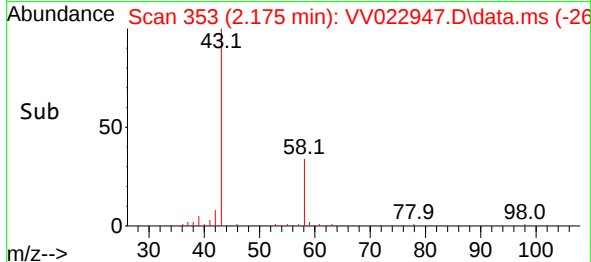
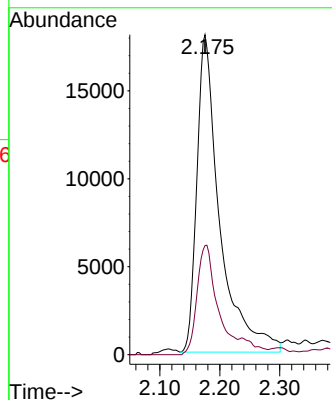
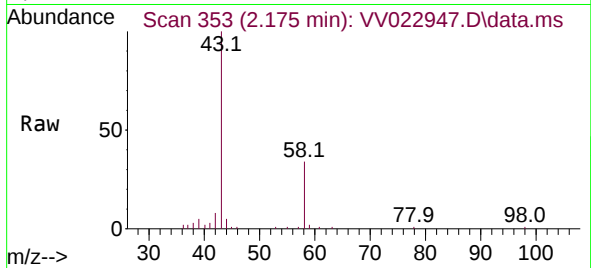




#13
Acetone
Concen: 34.809 ug/L
RT: 2.175 min Scan# 353
Delta R.T. -0.010 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

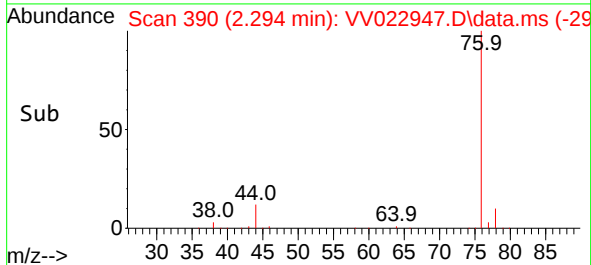
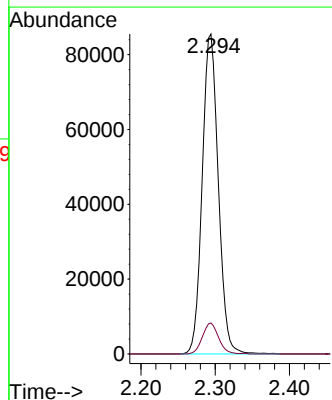
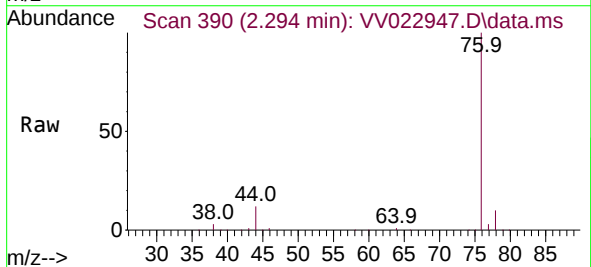
Instrument :
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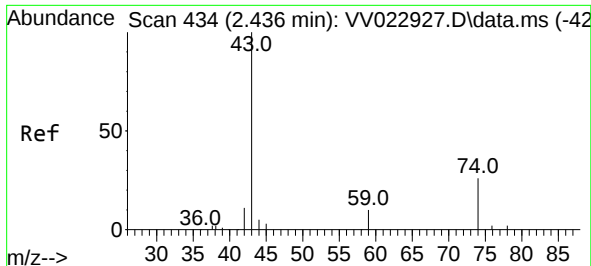
Tgt Ion: 43 Resp: 47984
Ion Ratio Lower Upper
43 100
58 30.4 0.0 24.2#



#14
Carbon disulfide
Concen: 5.521 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Tgt Ion: 76 Resp: 128439
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

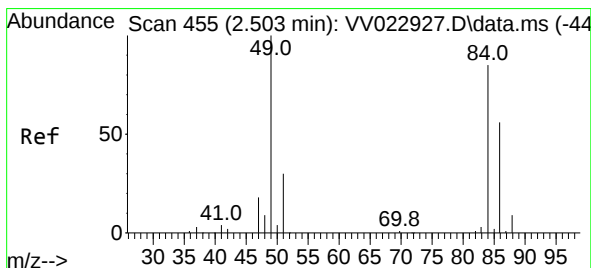
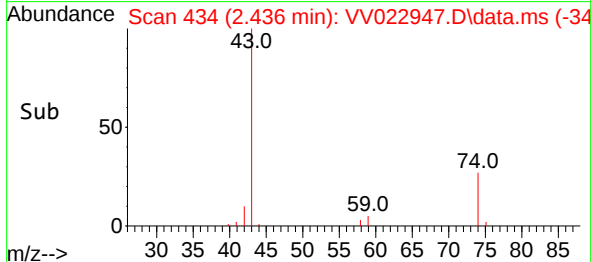
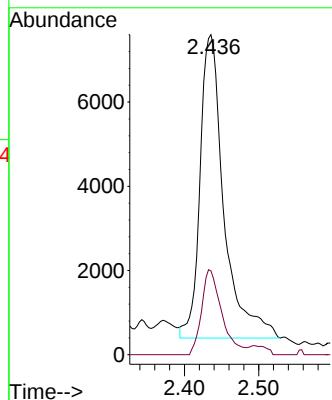
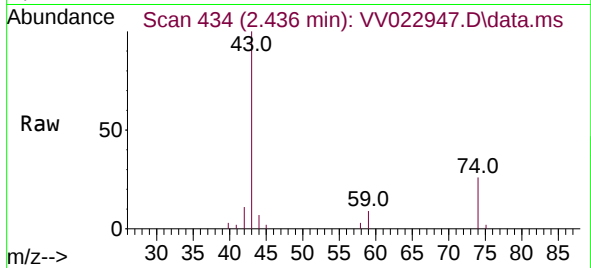




#15
Methyl Acetate
Concen: 4.085 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

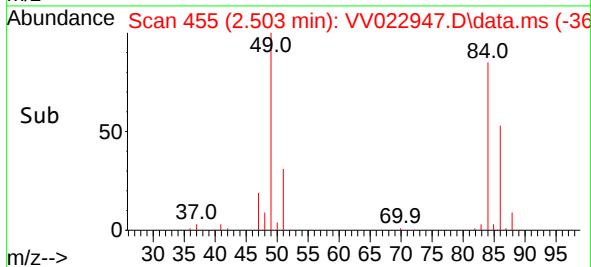
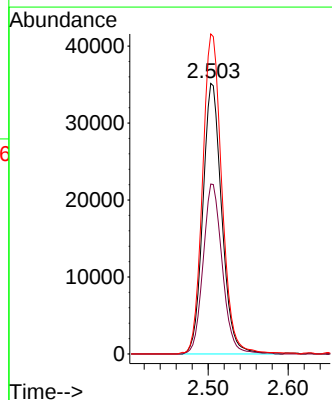
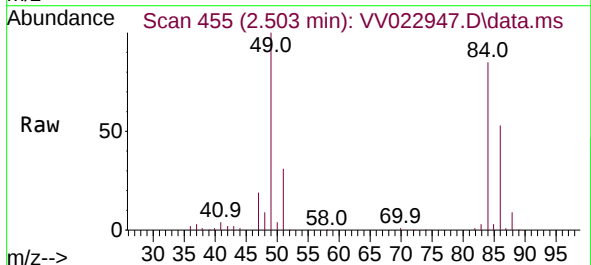
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

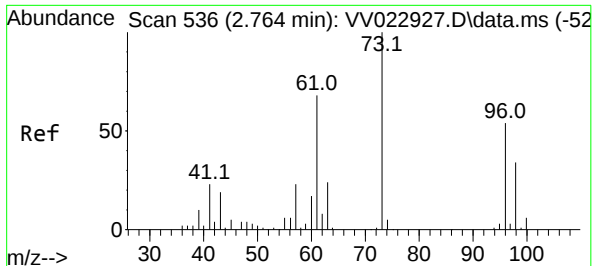
Tgt Ion: 43 Resp: 16112
Ion Ratio Lower Upper
43 100
74 23.7 19.9 29.9



#16
Methylene chloride
Concen: 5.081 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Tgt Ion: 84 Resp: 57888
Ion Ratio Lower Upper
84 100
86 62.8 45.8 85.2
49 118.2 90.3 167.7



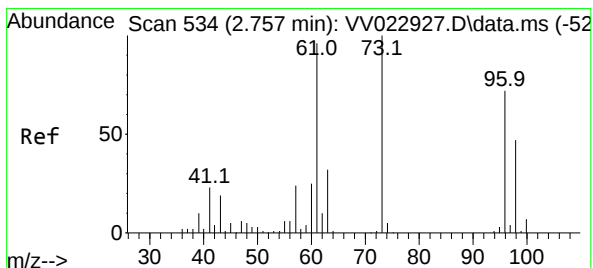
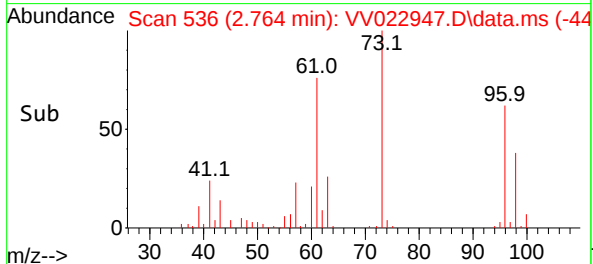
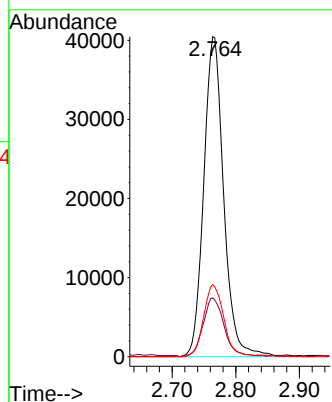
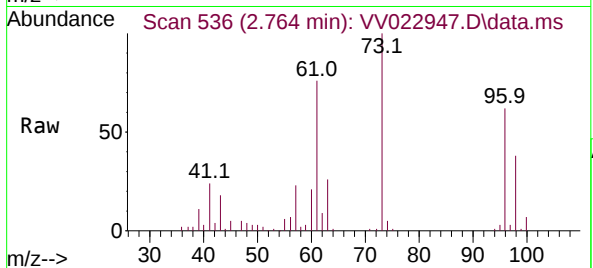


#17

Methyl tert-butyl Ether
Concen: 4.390 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

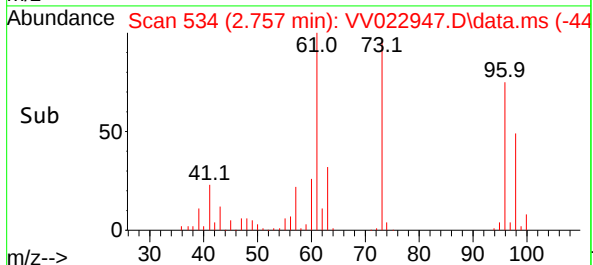
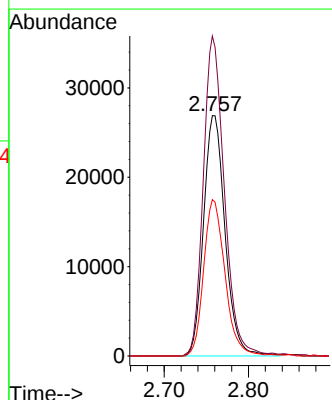
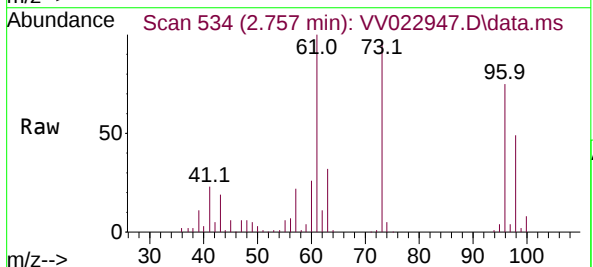
Tgt Ion: 73	Resp: 87938
Ion Ratio	Lower Upper
73 100	
43 19.3	17.1 25.7
57 22.8	17.2 25.8

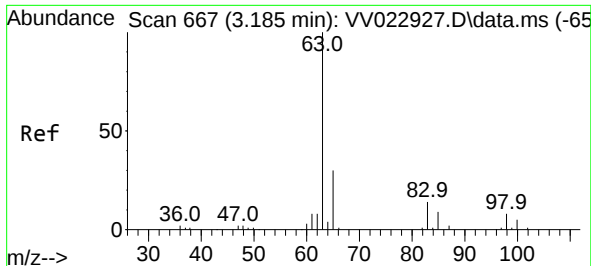


#18

trans-1,2-Dichloroethene
Concen: 5.326 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Tgt Ion: 96	Resp: 47948
Ion Ratio	Lower Upper
96 100	
61 133.1	94.5 175.5
98 65.0	44.2 82.0





#19

1,1-Dichloroethane

Concen: 5.387 ug/L

RT: 3.185 min Scan# 667

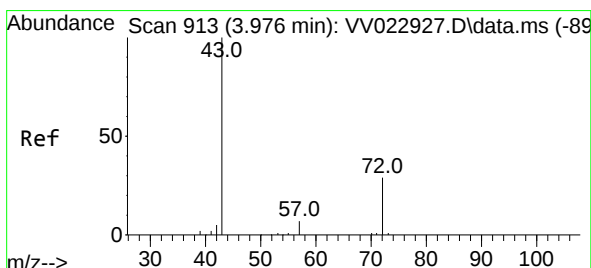
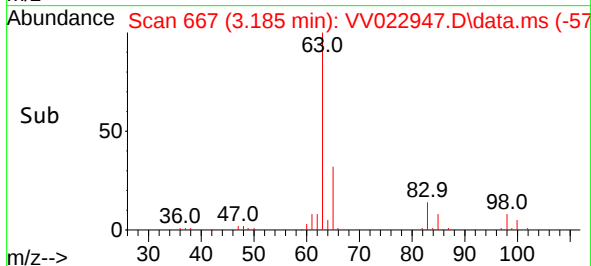
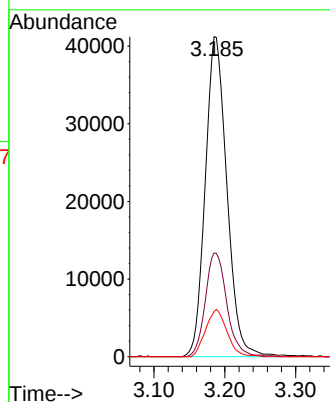
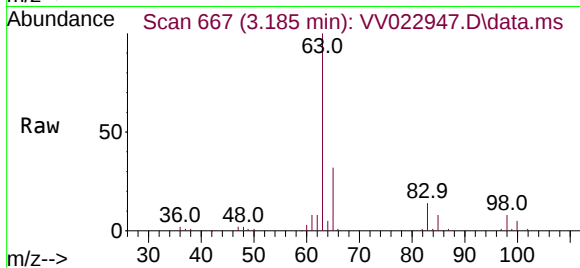
Delta R.T. -0.000 min

Lab File: VV022947.D

Acq: 20 Oct 2021 21:57

Tgt Ion: 63 Resp: 87341

Ion	Ratio	Lower	Upper
63	100		
65	32.4	23.5	43.7
83	14.1	10.1	18.7



#21

2-Butanone

Concen: 35.917 ug/L

RT: 3.966 min Scan# 910

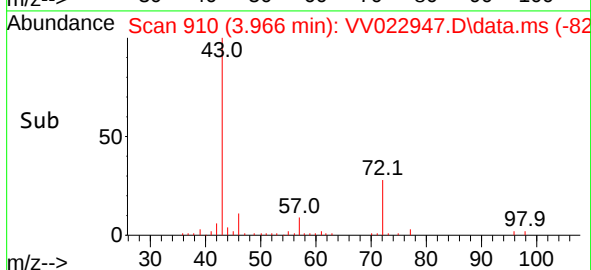
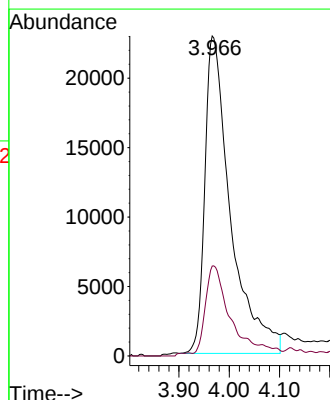
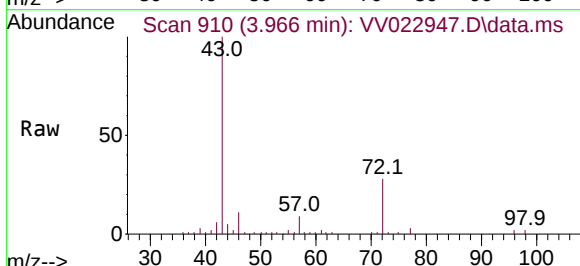
Delta R.T. -0.010 min

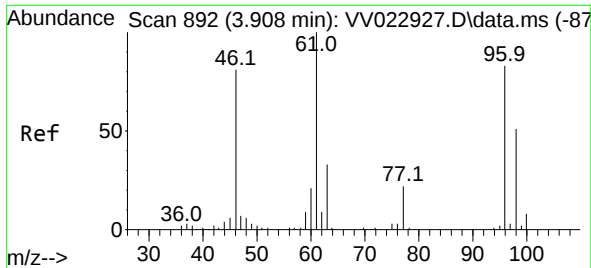
Lab File: VV022947.D

Acq: 20 Oct 2021 21:57

Tgt Ion: 43 Resp: 81066

Ion	Ratio	Lower	Upper
43	100		
72	24.6	12.3	36.8

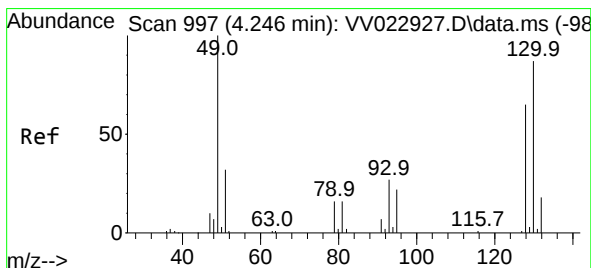
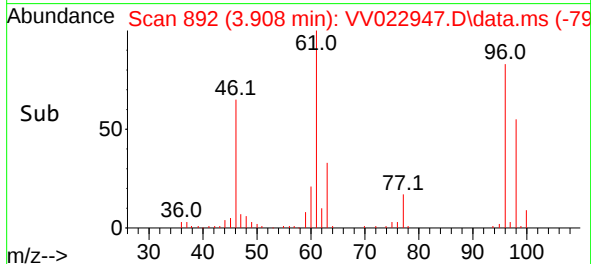
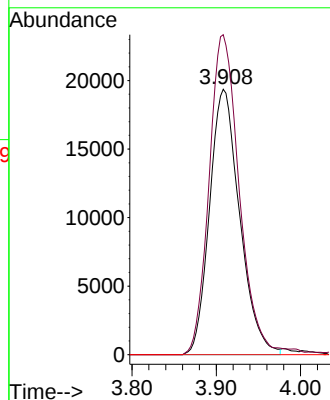
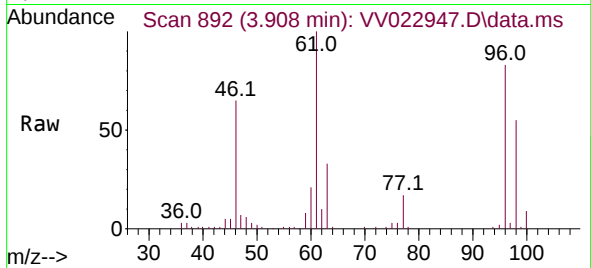




#22
cis-1,2-Dichloroethene
Concen: 5.091 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

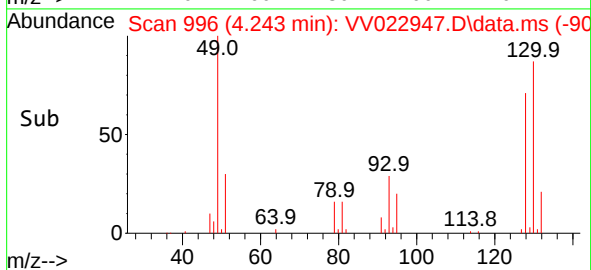
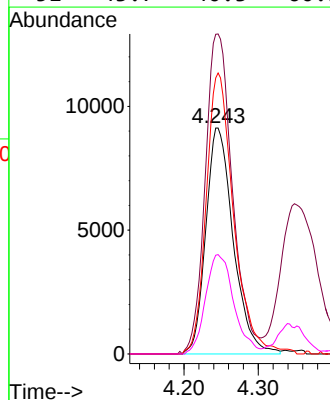
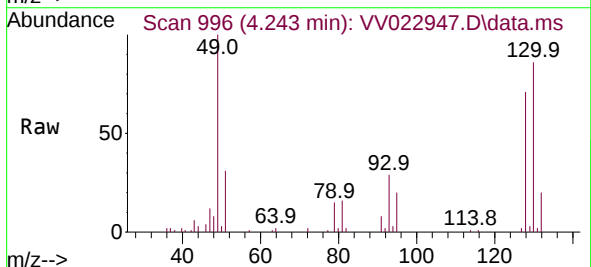
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

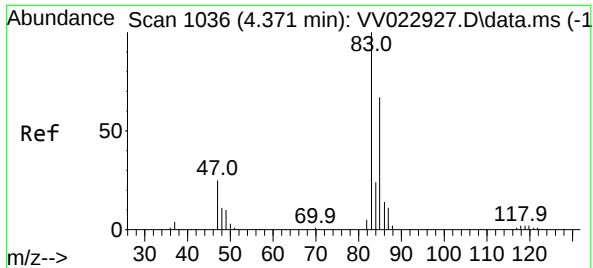
Tgt Ion: 96 Resp: 48119
Ion Ratio Lower Upper
96 100
61 120.5 86.0 159.6
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.570 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Tgt Ion: 128 Resp: 23391
Ion Ratio Lower Upper
128 100
49 141.5 106.9 198.5
130 122.2 91.9 170.7
51 43.7 40.3 60.5





#25

Chloroform

Concen: 5.907 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV022947.D

Acq: 20 Oct 2021 21:57

Tgt Ion: 83 Resp: 111026

Ion Ratio Lower Upper

83 100

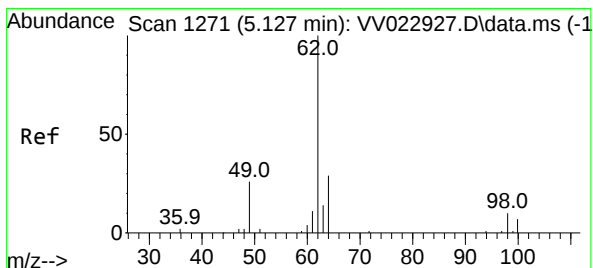
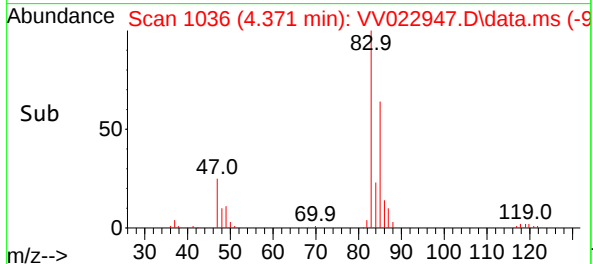
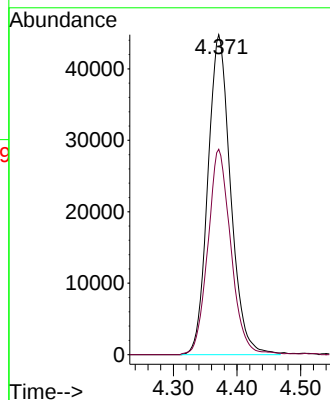
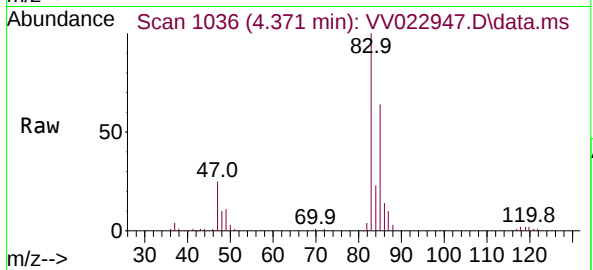
85 64.2 45.7 84.9

Instrument :

MSVOA_V

ClientSampleId :

VSTD005318



#27

1,2-Dichloroethane

Concen: 5.067 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV022947.D

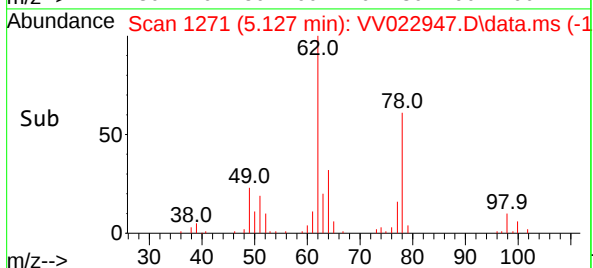
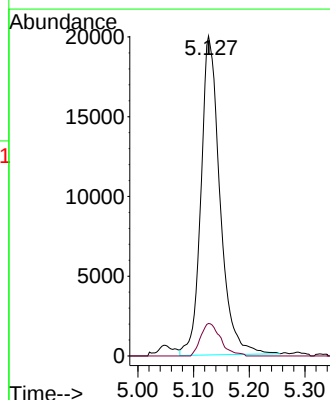
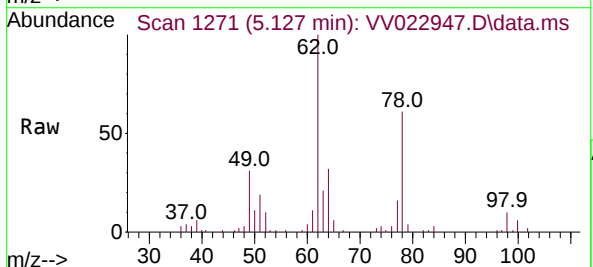
Acq: 20 Oct 2021 21:57

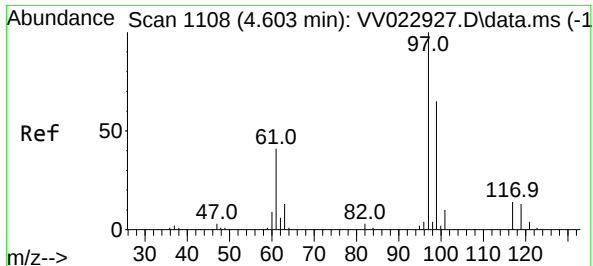
Tgt Ion: 62 Resp: 47529

Ion Ratio Lower Upper

62 100

98 10.1 9.7 14.5



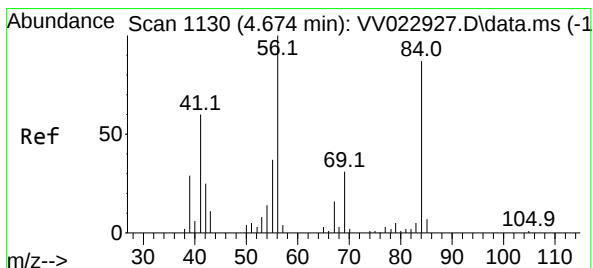
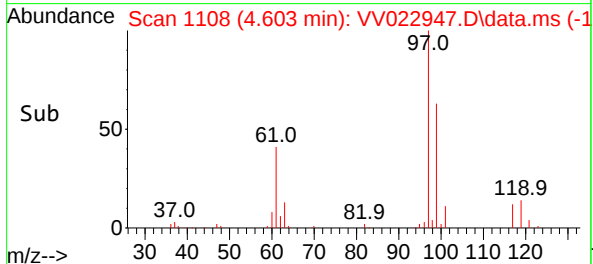
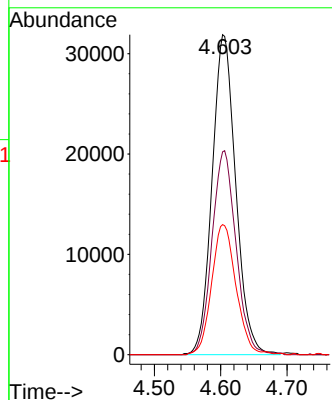
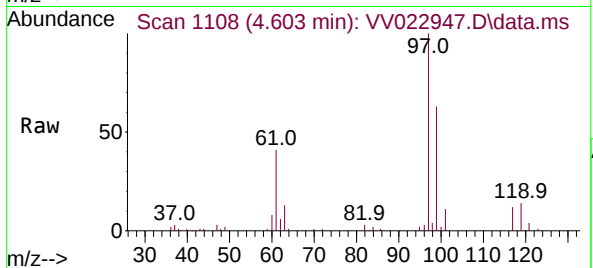


#29

1,1,1-Trichloroethane
Concen: 4.969 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

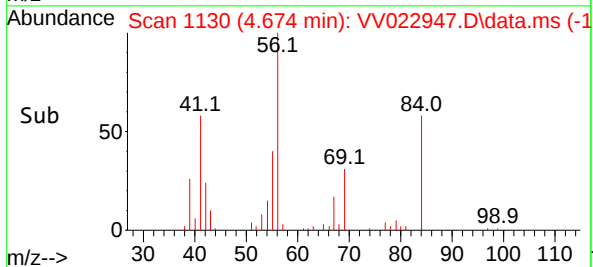
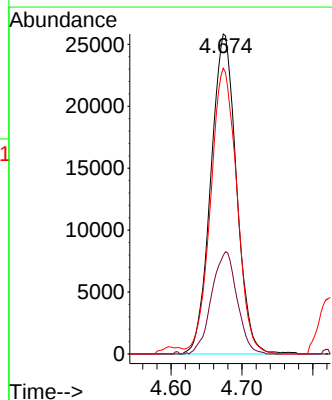
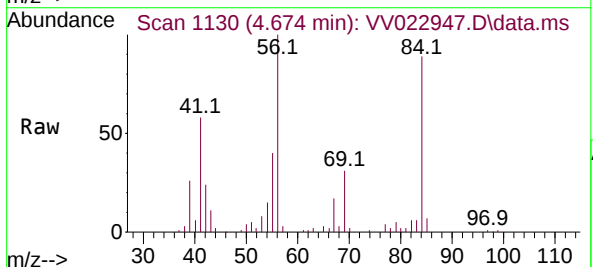
Tgt Ion:	97	Resp:	79080
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.2	76.8
61	41.6	33.2	49.8

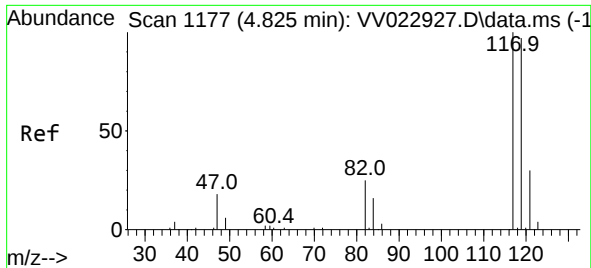


#30

Cyclohexane
Concen: 4.419 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Tgt Ion:	56	Resp:	64904
Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.9	37.3
84	91.6	72.5	108.7

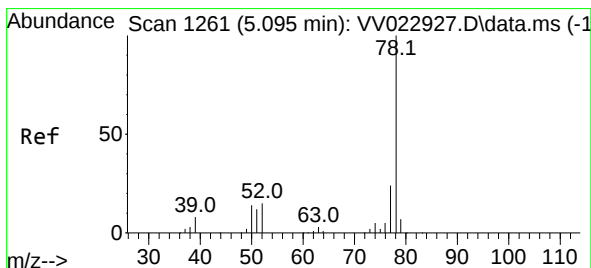
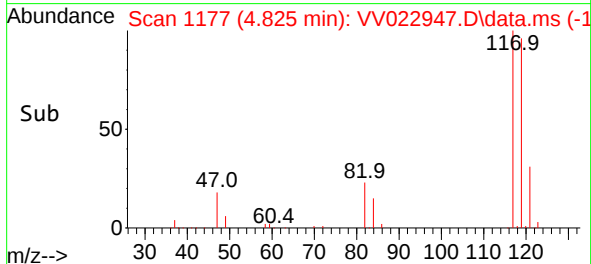
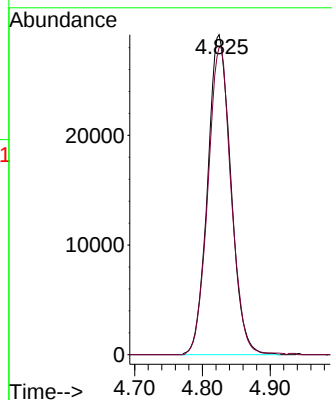
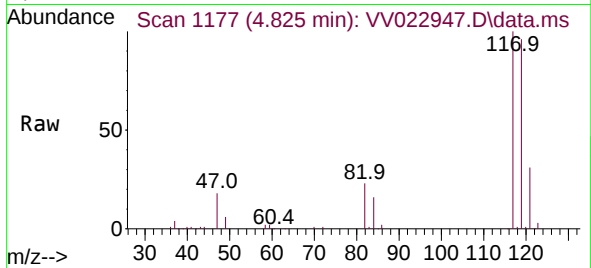




#31
Carbon tetrachloride
Concen: 5.041 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

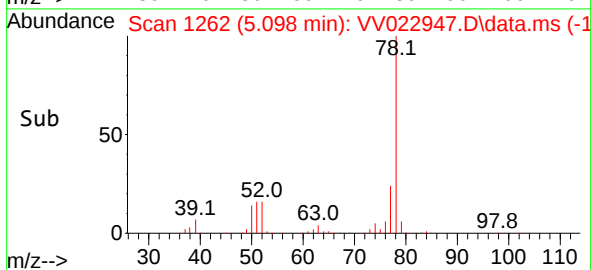
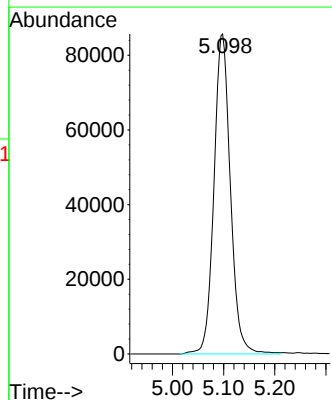
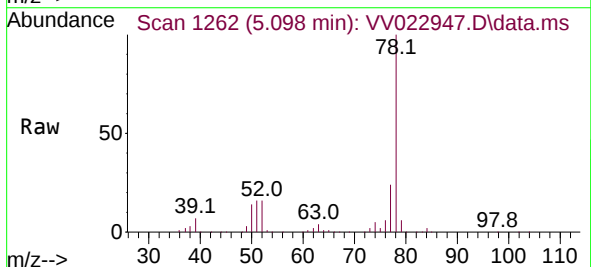
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

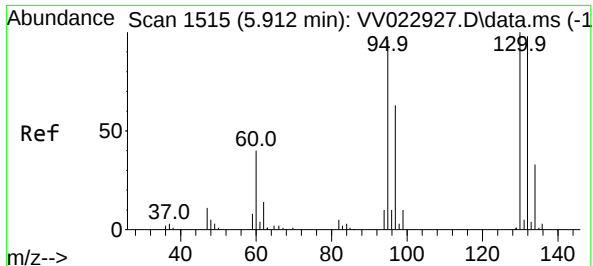
Tgt Ion:117 Resp: 69635
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.0



#33
Benzene
Concen: 5.106 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Tgt Ion: 78 Resp: 191674





#34

Trichloroethene

Concen: 4.824 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VV022947.D

Acq: 20 Oct 2021 21:57

Tgt Ion: 95 Resp: 49237

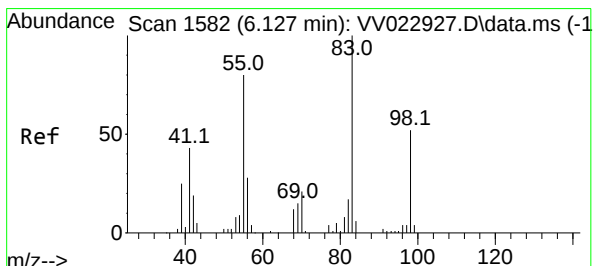
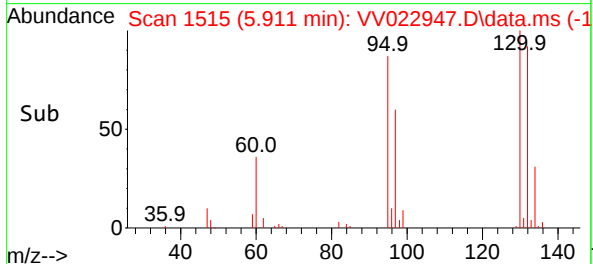
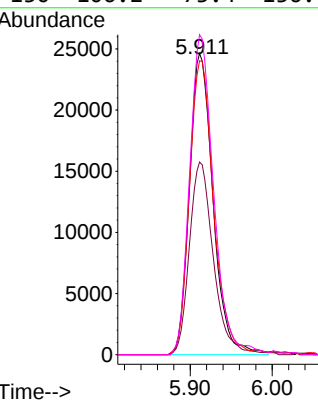
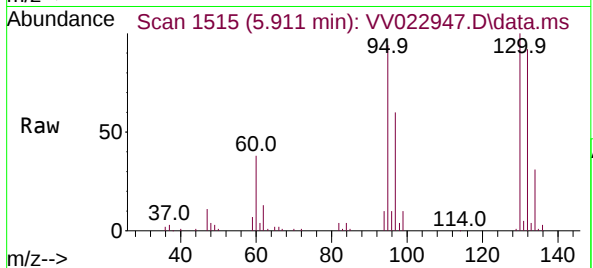
Ion Ratio Lower Upper

95 100

97 64.0 45.8 85.2

132 97.6 72.2 134.0

130 106.2 73.4 136.4



#35

Methylcyclohexane

Concen: 4.910 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VV022947.D

Acq: 20 Oct 2021 21:57

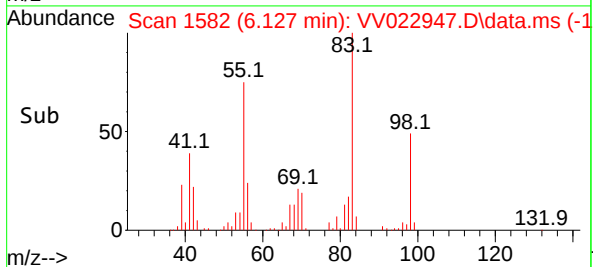
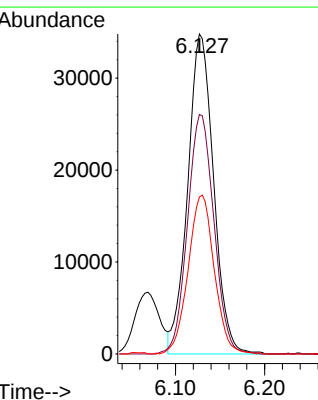
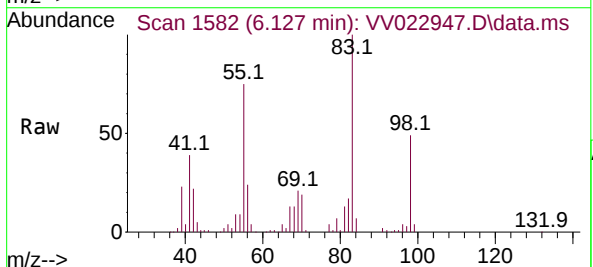
Tgt Ion: 83 Resp: 70217

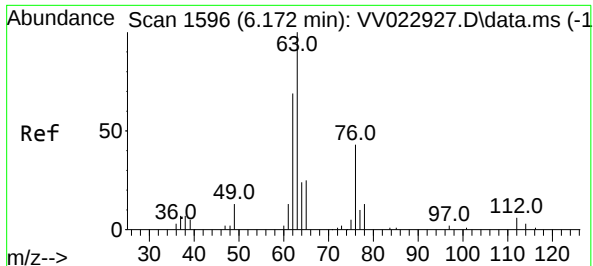
Ion Ratio Lower Upper

83 100

55 76.5 63.8 95.6

98 50.2 42.1 63.1



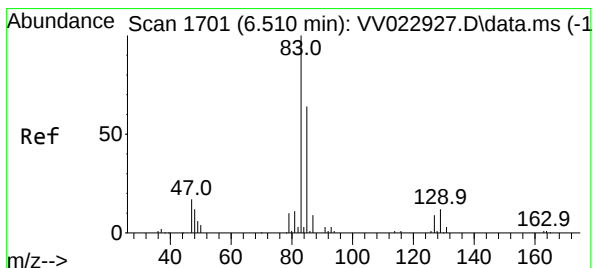
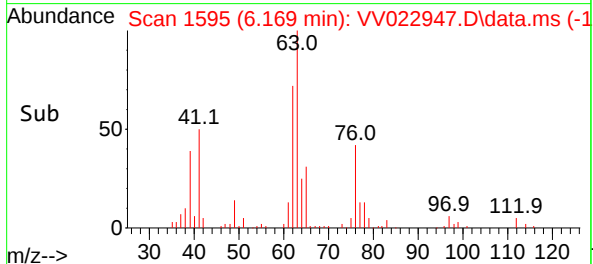
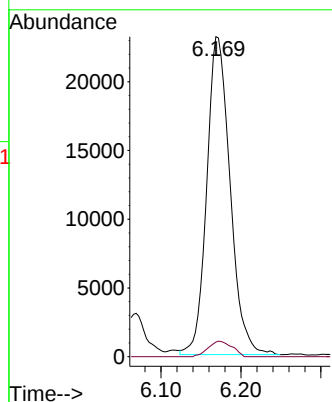
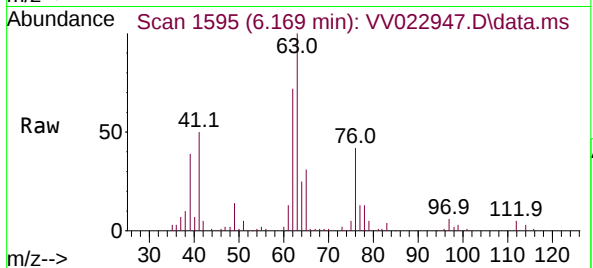


#37

1,2-Dichloropropane
Concen: 5.208 ug/L
RT: 6.169 min Scan# 1595
Delta R.T. -0.003 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

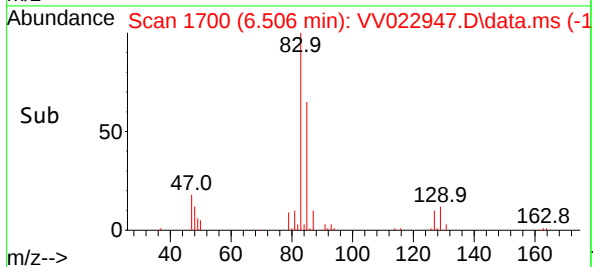
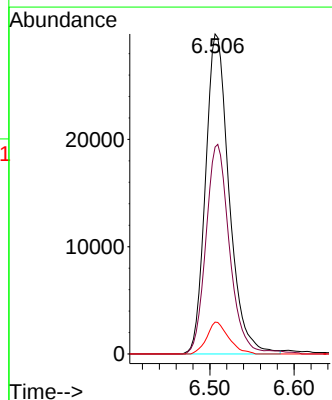
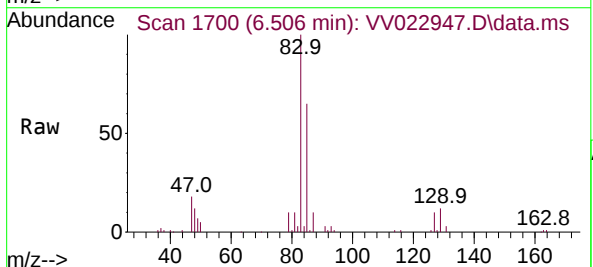
Tgt Ion: 63 Resp: 47015
Ion Ratio Lower Upper
63 100
112 5.0 4.4 6.6

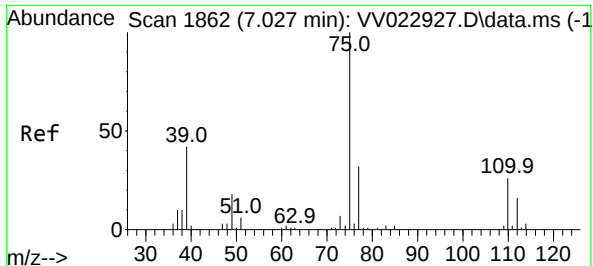


#38

Bromodichloromethane
Concen: 5.214 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Tgt Ion: 83 Resp: 57994
Ion Ratio Lower Upper
83 100
85 64.7 44.3 82.3
127 9.9 7.7 11.5



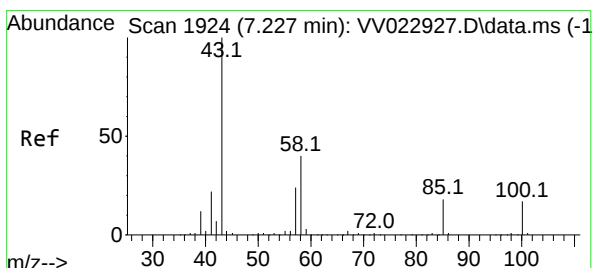
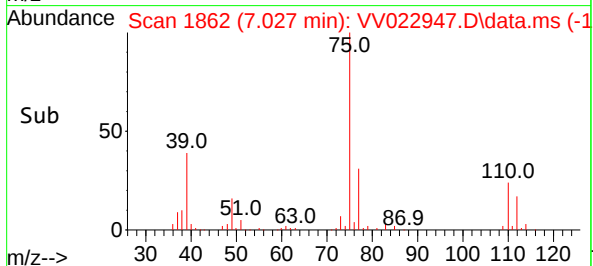
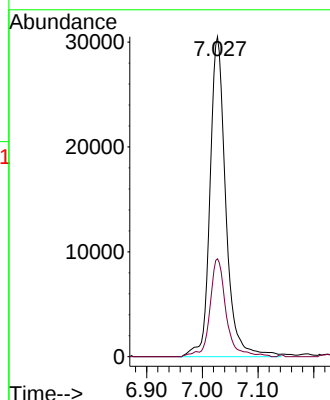
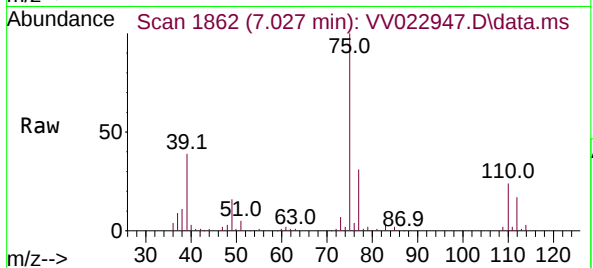


#39

cis-1,3-Dichloropropene
Concen: 5.032 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Instrument :
MSVOA_V
ClientSampled :
VSTD005318

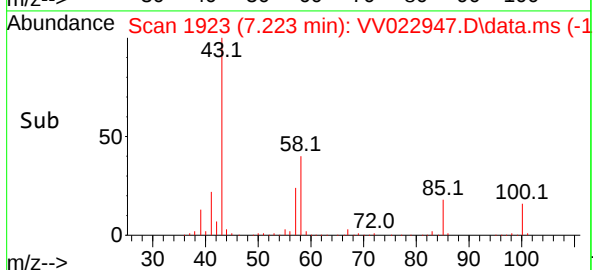
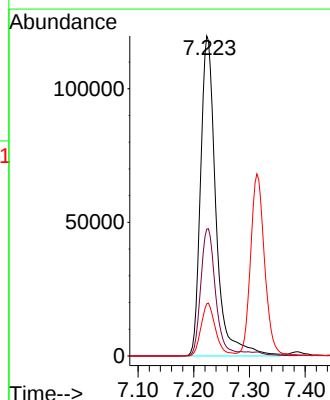
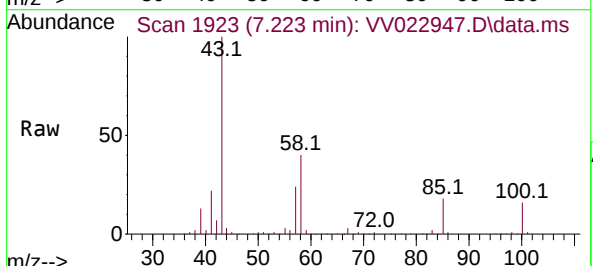
Tgt Ion: 75 Resp: 60142
Ion Ratio Lower Upper
75 100
77 30.6 22.3 41.3

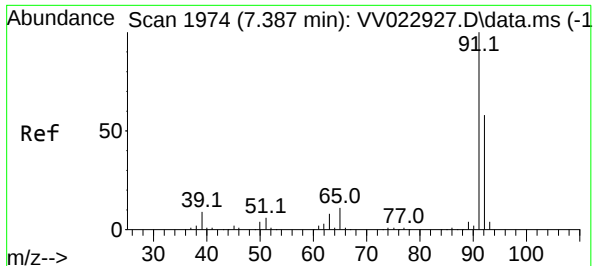


#40

4-Methyl-2-pentanone
Concen: 47.385 ug/L
RT: 7.223 min Scan# 1923
Delta R.T. -0.003 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Tgt Ion: 43 Resp: 229853
Ion Ratio Lower Upper
43 100
58 39.4 32.0 48.0
100 15.6 14.2 21.2

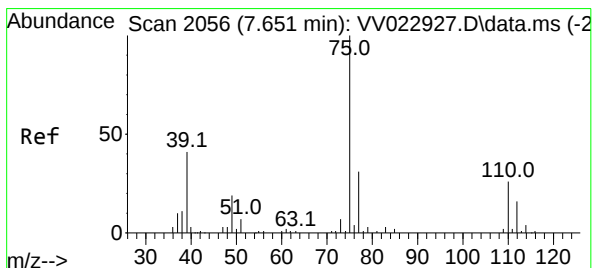
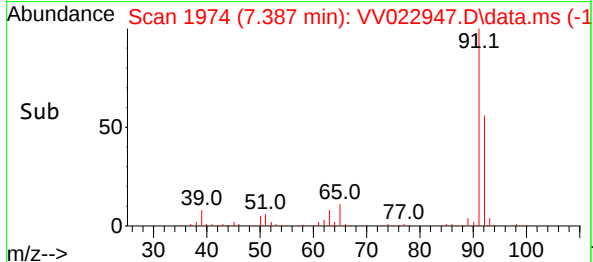
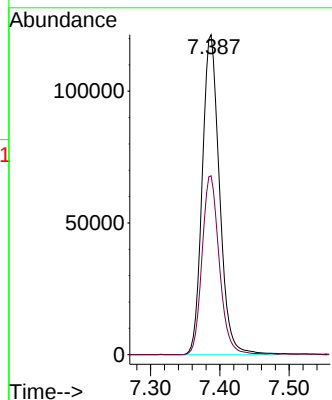
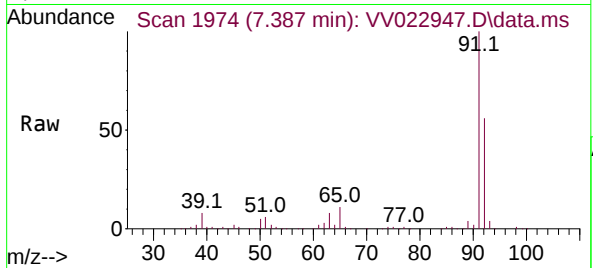




#42
Toluene
Concen: 5.506 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

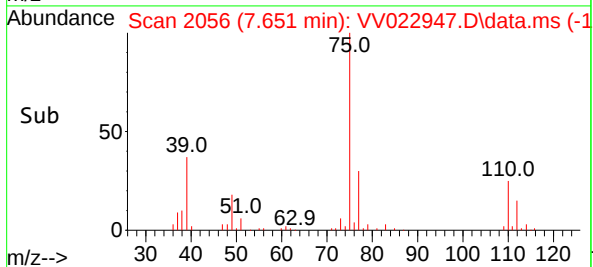
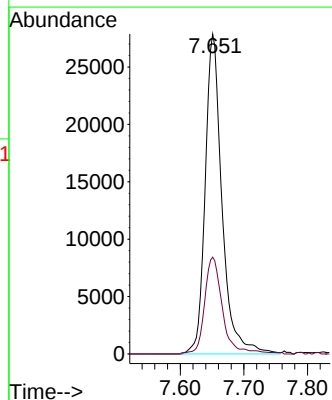
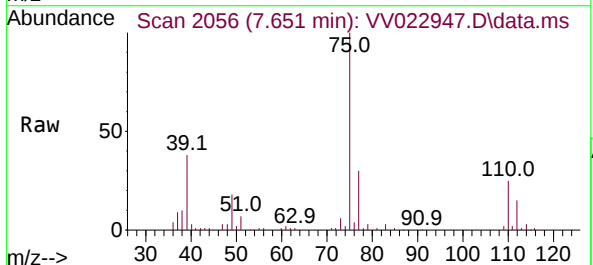
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

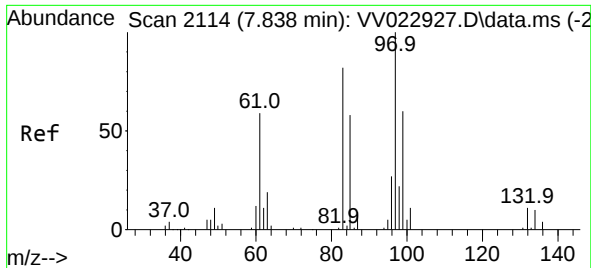
Tgt Ion: 91 Resp: 209805
Ion Ratio Lower Upper
91 100
92 55.9 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 5.257 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Tgt Ion: 75 Resp: 51217
Ion Ratio Lower Upper
75 100
77 30.3 23.9 44.5

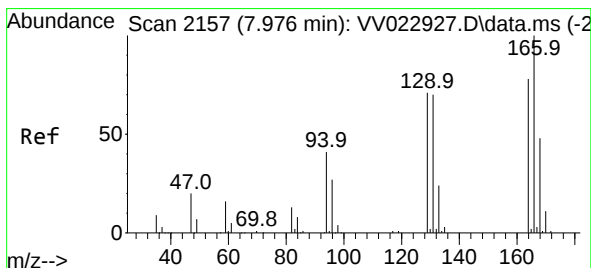
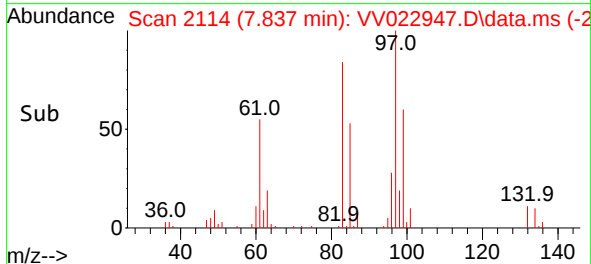
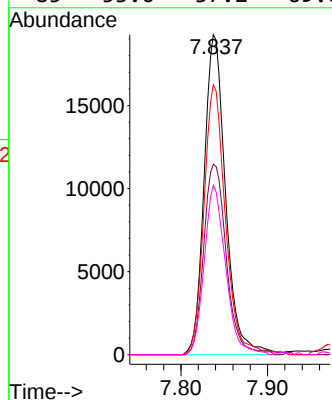
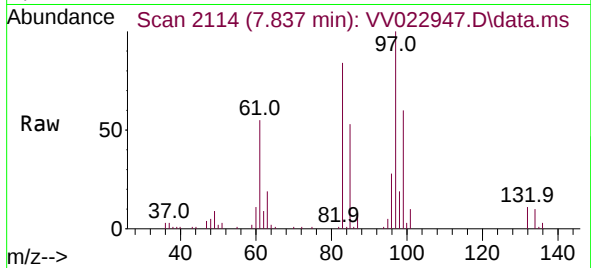




#45
1,1,2-Trichloroethane
Concen: 4.957 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

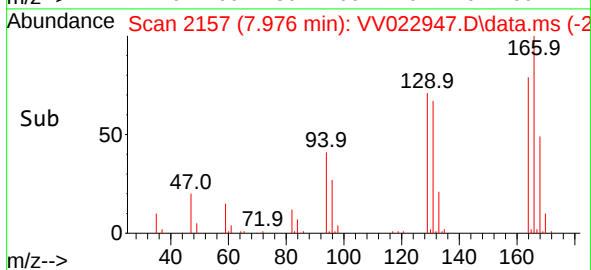
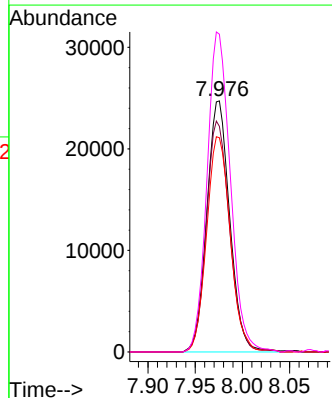
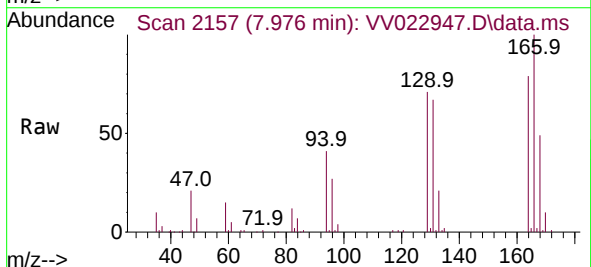
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

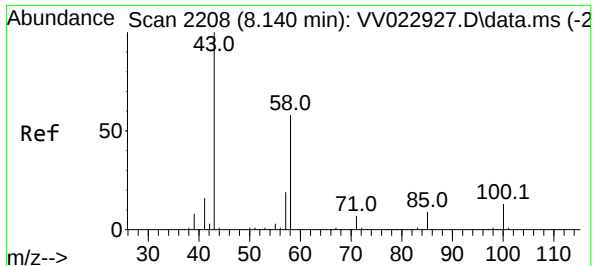
Tgt Ion:	97	Resp:	33205
Ion	Ratio	Lower	Upper
97	100		
99	59.5	44.5	82.7
83	84.3	56.6	105.0
85	53.0	37.2	69.0



#47
Tetrachloroethene
Concen: 5.065 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Tgt Ion:	164	Resp:	41813
Ion	Ratio	Lower	Upper
164	100		
129	89.9	65.0	120.6
131	85.4	62.2	115.4
166	126.6	89.2	165.8



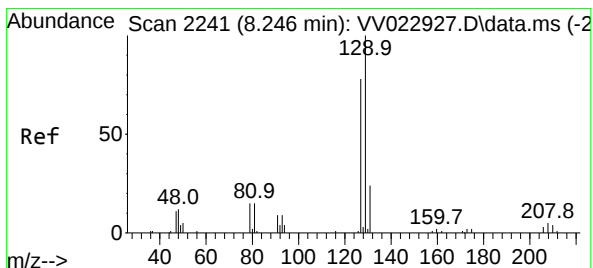
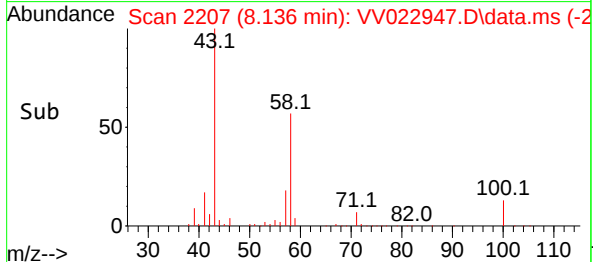
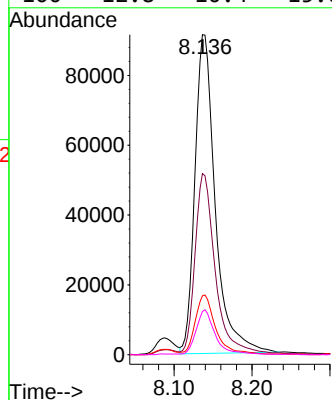
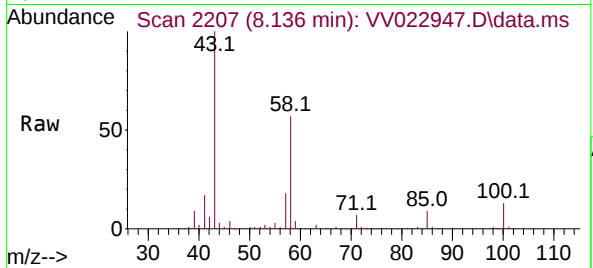


#48
2-Hexanone
Concen: 46.870 ug/L
RT: 8.136 min Scan# 2207
Delta R.T. -0.003 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

Tgt Ion: 43 Resp: 166234

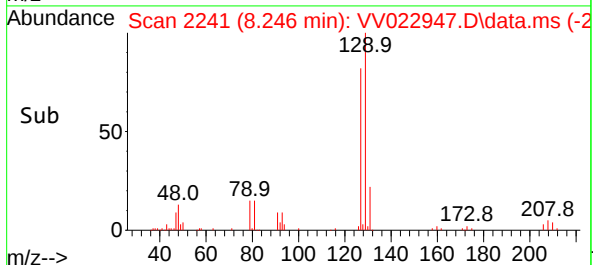
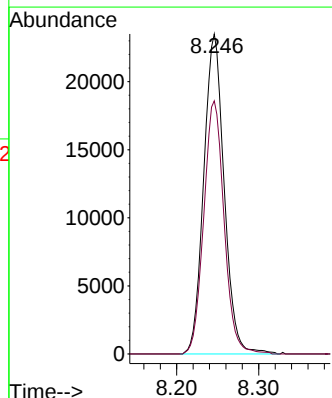
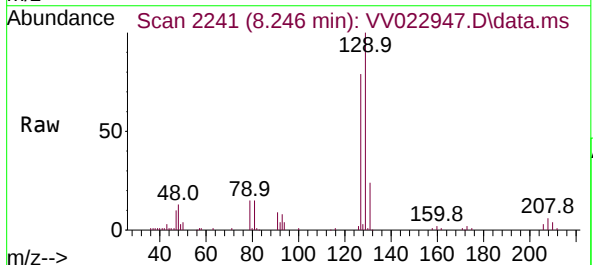
Ion	Ratio	Lower	Upper
43	100		
58	56.3	47.4	71.0
57	18.6	15.3	22.9
100	12.8	10.4	15.6

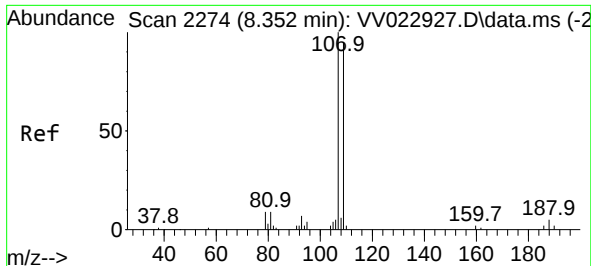


#49
Dibromochloromethane
Concen: 5.182 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Tgt Ion: 129 Resp: 40639

Ion	Ratio	Lower	Upper
129	100		
127	79.1	59.1	109.9





#50

1,2-Dibromoethane

Concen: 4.842 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.000 min

Lab File: VV022947.D

Acq: 20 Oct 2021 21:57

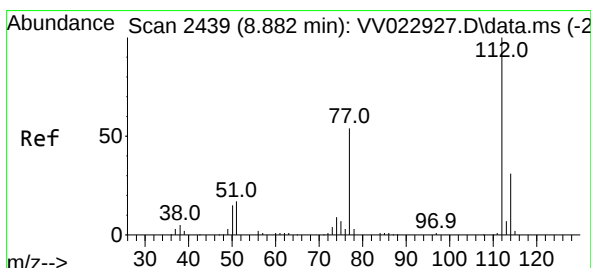
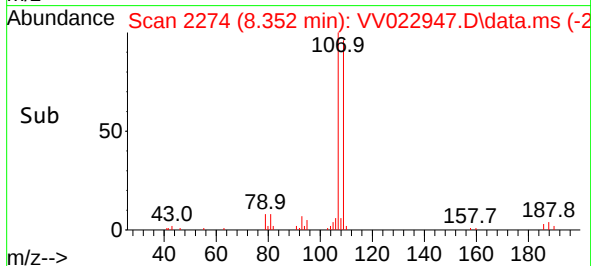
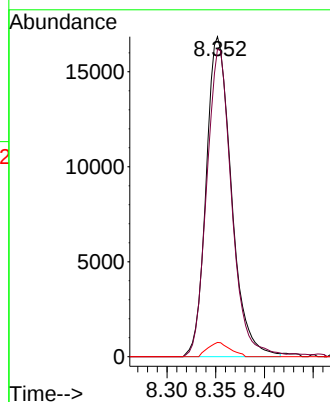
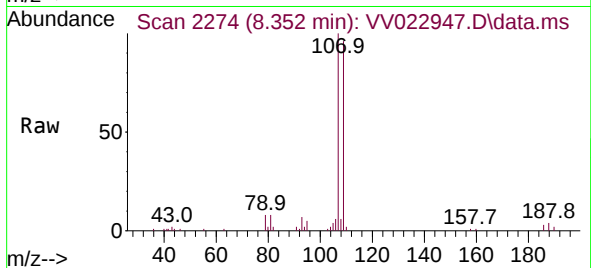
Instrument :

MSVOA_V

ClientSampleId :

VSTD005318

Tgt Ion:	107	Resp:	30291
Ion	Ratio	Lower	Upper
107	100		
109	96.1	67.1	124.5
188	4.5	3.4	5.0



#51

Chlorobenzene

Concen: 5.337 ug/L

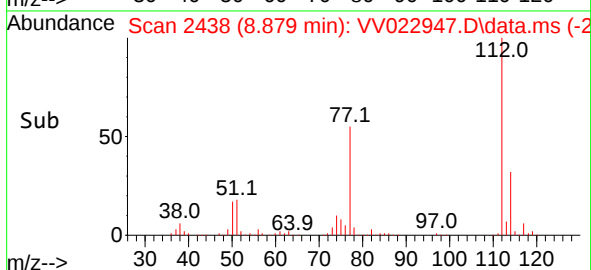
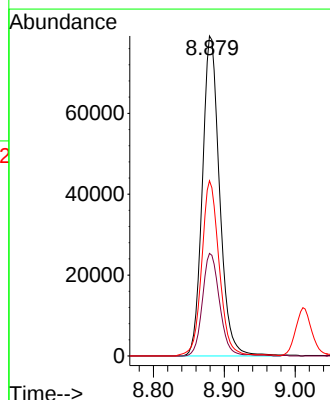
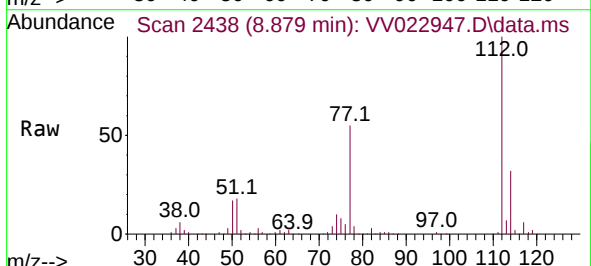
RT: 8.879 min Scan# 2438

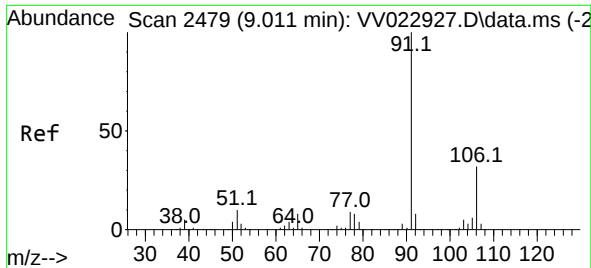
Delta R.T. -0.003 min

Lab File: VV022947.D

Acq: 20 Oct 2021 21:57

Tgt Ion:	112	Resp:	133638
Ion	Ratio	Lower	Upper
112	100		
114	32.0	21.6	40.2
77	54.7	43.7	65.5

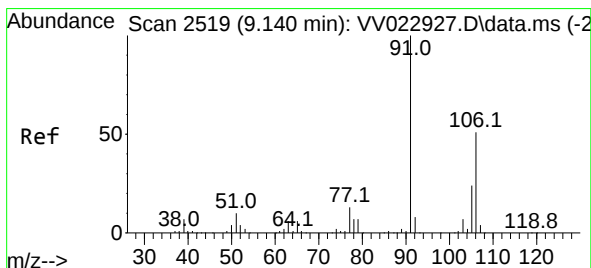
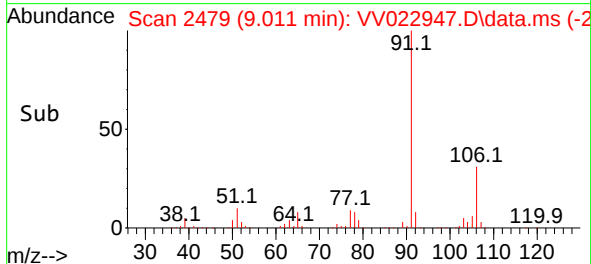
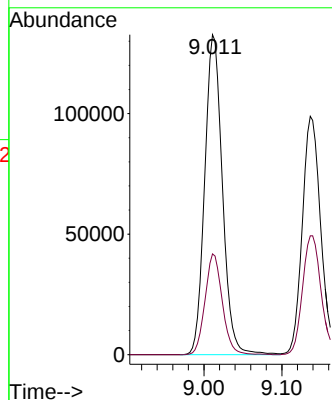
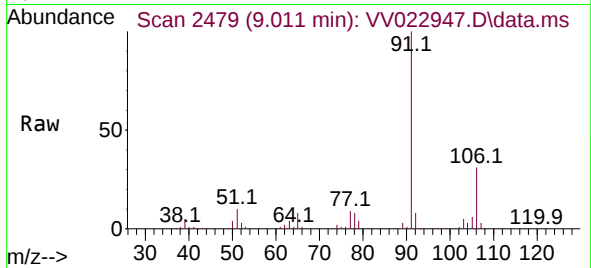




#52
Ethylbenzene
Concen: 5.413 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

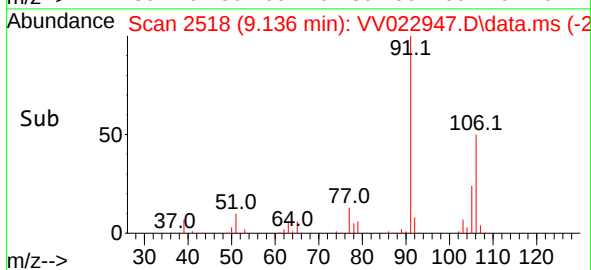
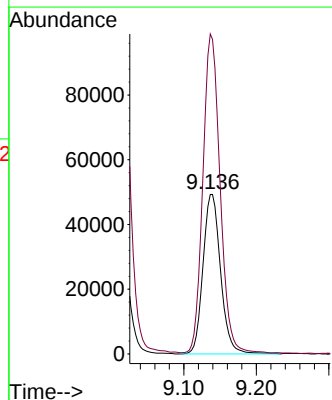
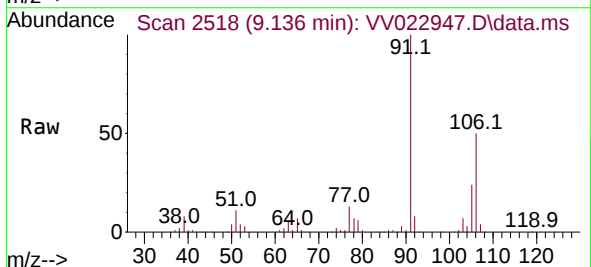
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

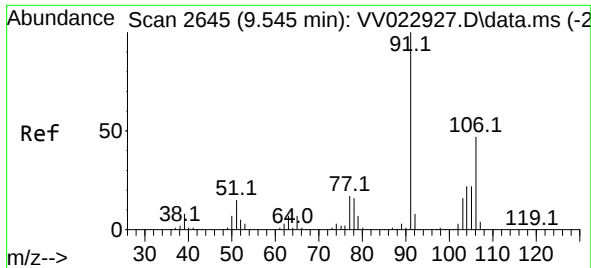
Tgt Ion: 91 Resp: 209413
Ion Ratio Lower Upper
91 100
106 31.5 21.6 40.2



#53
m,p-xylene
Concen: 5.471 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Tgt Ion: 106 Resp: 83071
Ion Ratio Lower Upper
106 100
91 200.5 138.7 257.5

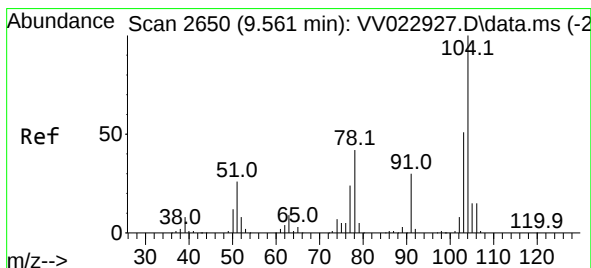
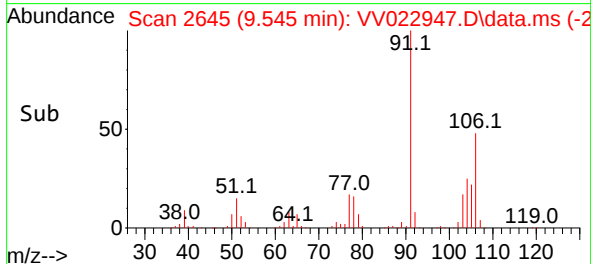
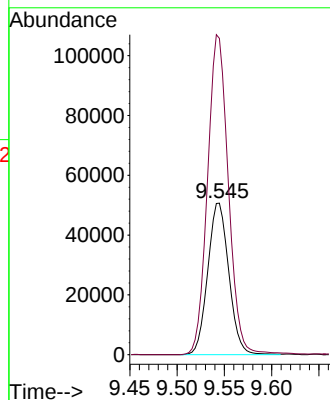
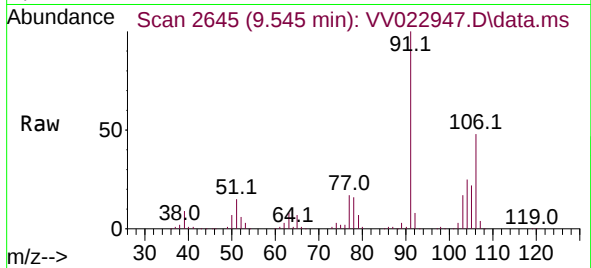




#54
o-xylene
Concen: 5.505 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

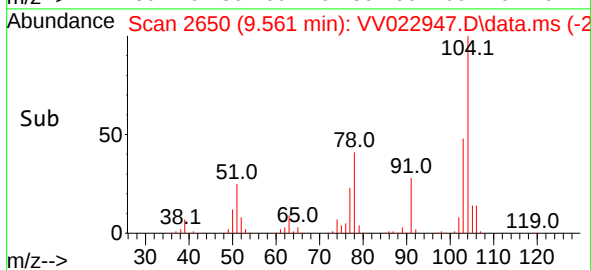
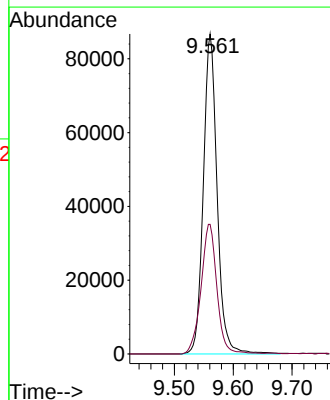
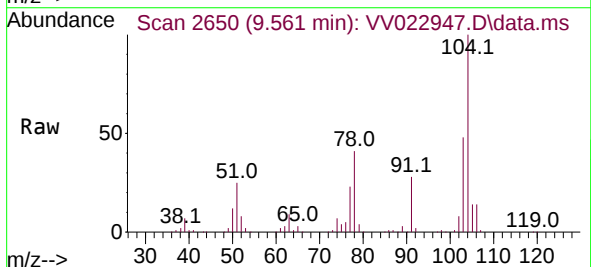
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

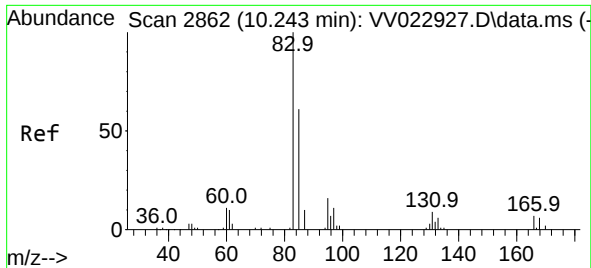
Tgt Ion:106 Resp: 78629
Ion Ratio Lower Upper
106 100
91 208.8 151.1 280.7



#55
Styrene
Concen: 5.730 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Tgt Ion:104 Resp: 141018
Ion Ratio Lower Upper
104 100
78 40.5 29.5 54.7

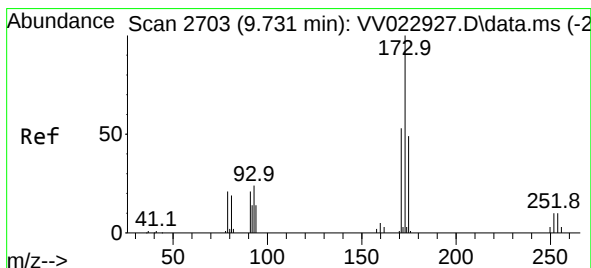
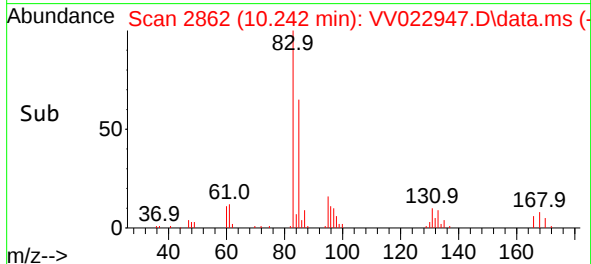
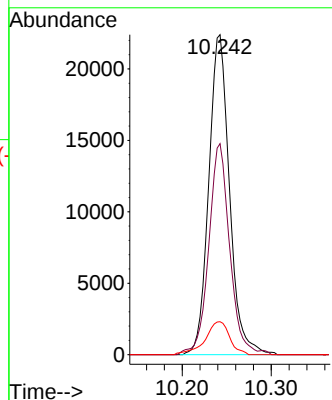
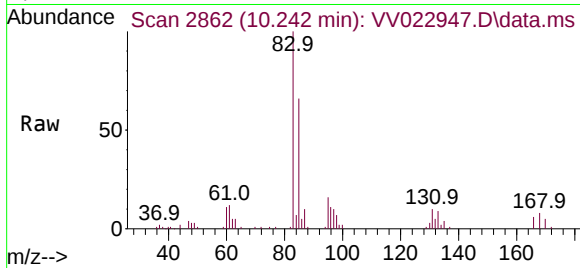




#57
1,1,2,2-Tetrachloroethane
Concen: 5.335 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

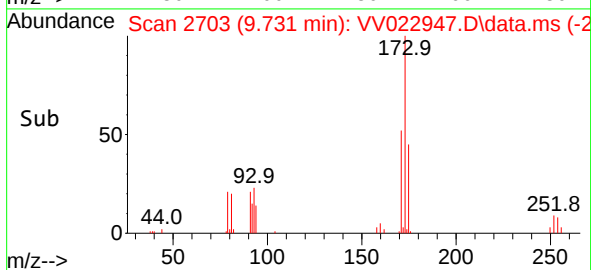
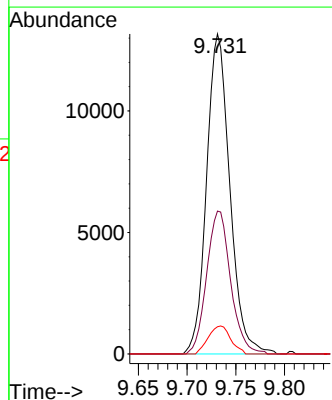
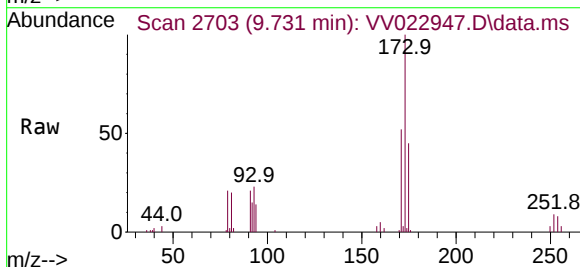
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

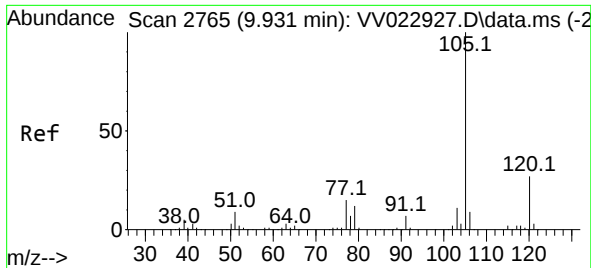
Tgt Ion:	83	Resp:	36156
Ion	Ratio	Lower	Upper
83	100		
85	65.9	46.0	85.4
131	10.3	8.4	12.6



#59
Bromoform
Concen: 5.078 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Tgt Ion:	173	Resp:	21827
Ion	Ratio	Lower	Upper
173	100		
175	46.0	38.3	57.5
254	8.4	7.1	10.7

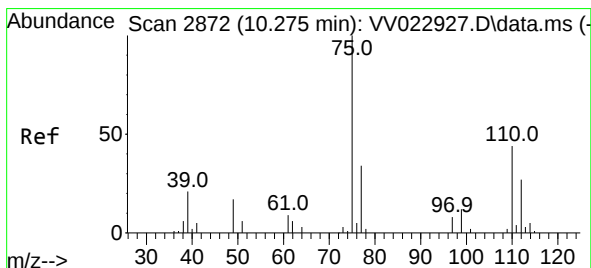
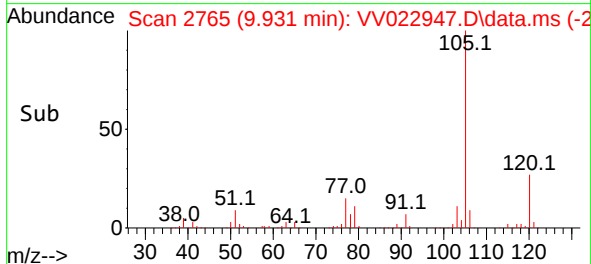
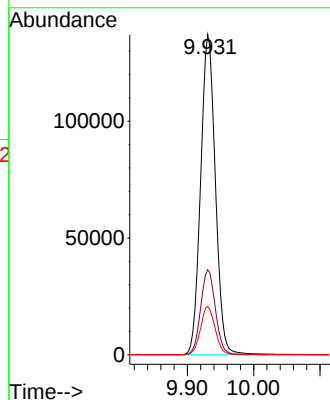
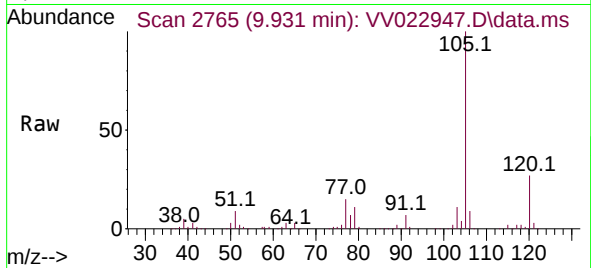




#60
Isopropylbenzene
Concen: 5.427 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

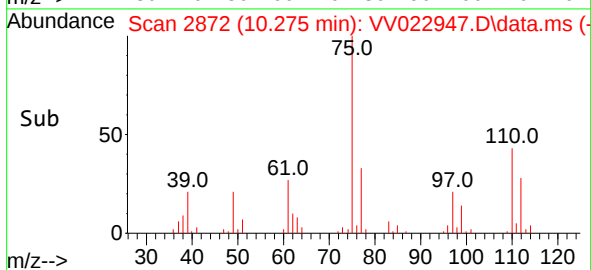
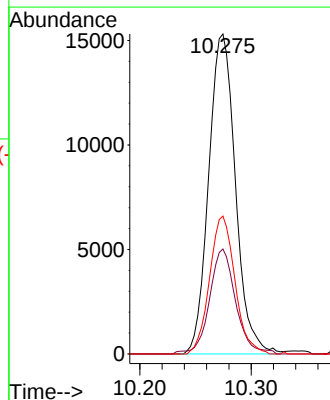
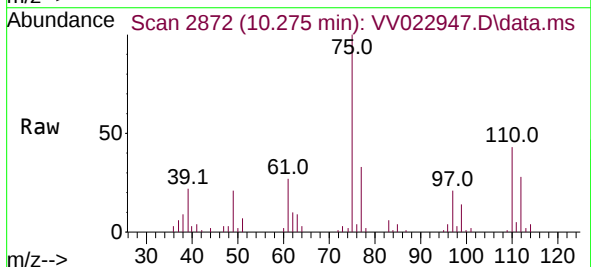
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

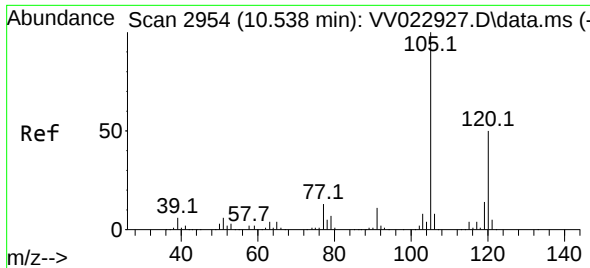
Tgt Ion:105 Resp: 211509
Ion Ratio Lower Upper
105 100
120 26.5 21.8 32.8
77 14.8 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.796 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Tgt Ion: 75 Resp: 25567
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2
110 40.8 34.2 51.4

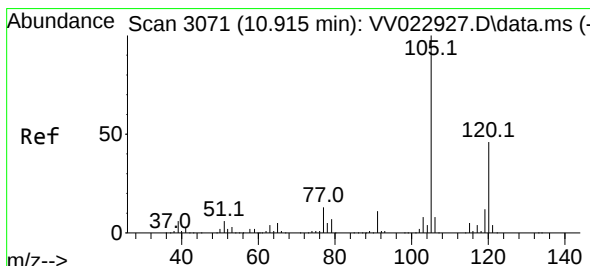
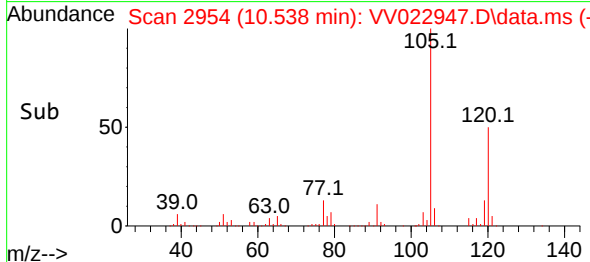
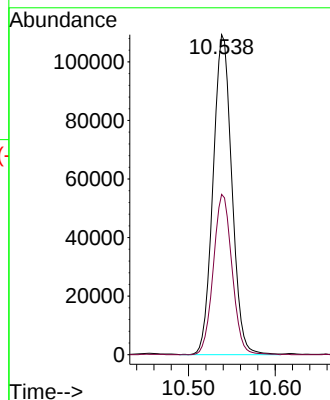
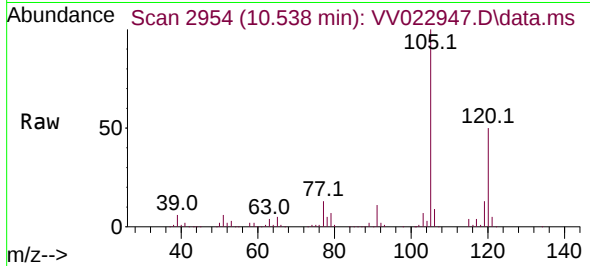




#62
1,3,5-Trimethylbenzene
Concen: 5.233 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

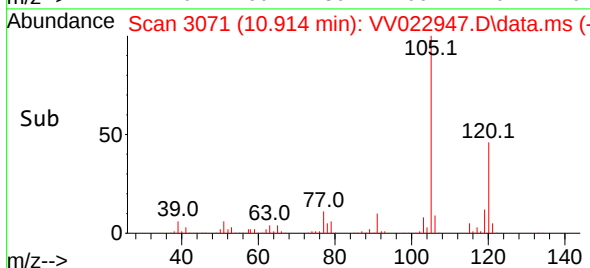
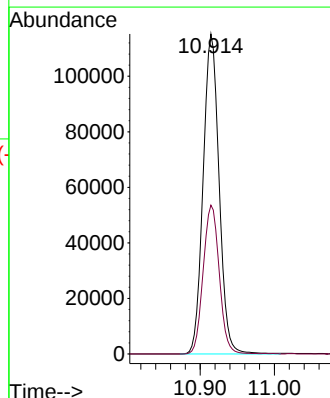
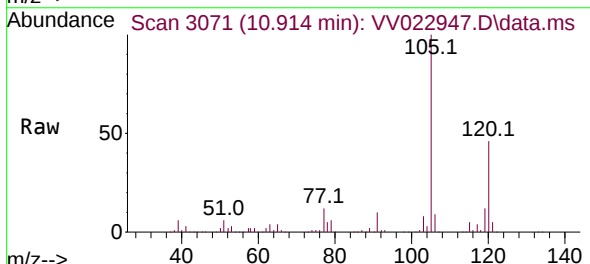
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

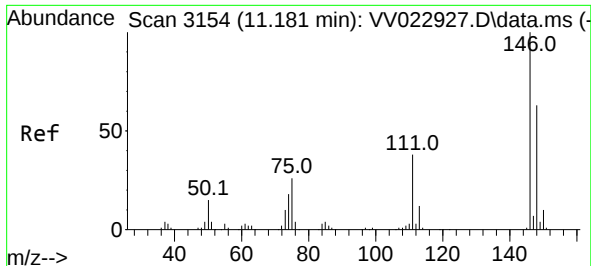
Tgt Ion:105 Resp: 164789
Ion Ratio Lower Upper
105 100
120 49.9 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 5.455 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Tgt Ion:105 Resp: 171921
Ion Ratio Lower Upper
105 100
120 46.7 37.3 55.9

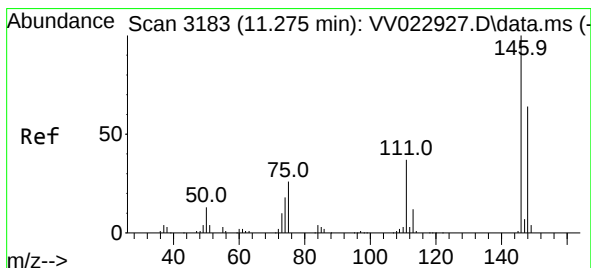
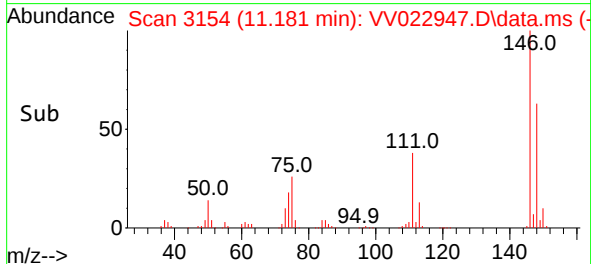
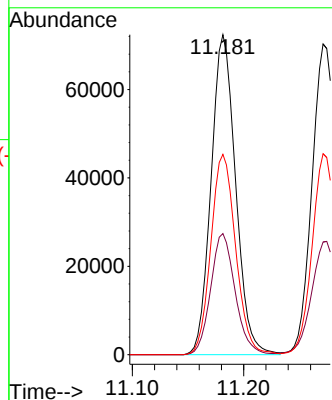
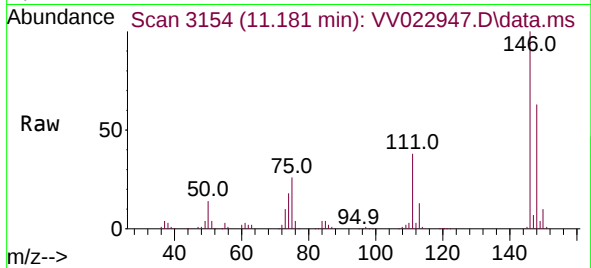




#64
1,3-Dichlorobenzene
Concen: 5.412 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

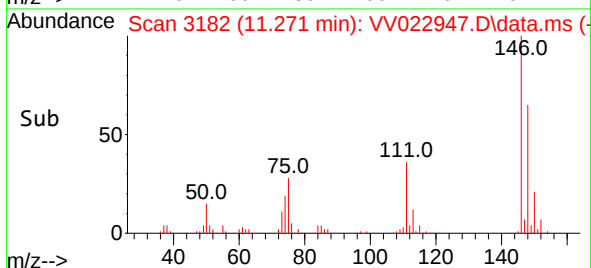
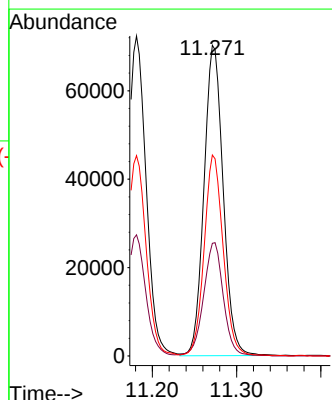
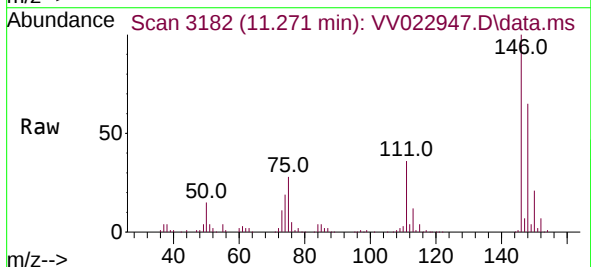
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

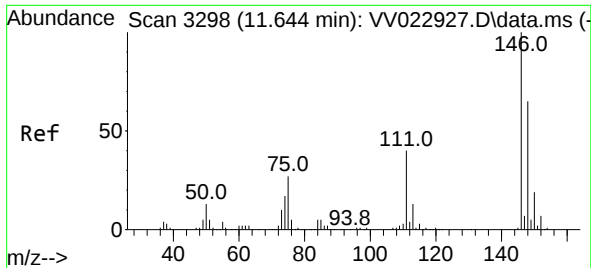
Tgt Ion:146 Resp: 110714
Ion Ratio Lower Upper
146 100
111 37.8 26.7 49.5
148 62.6 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.368 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Tgt Ion:146 Resp: 111502
Ion Ratio Lower Upper
146 100
111 36.2 25.6 47.4
148 64.6 44.9 83.5

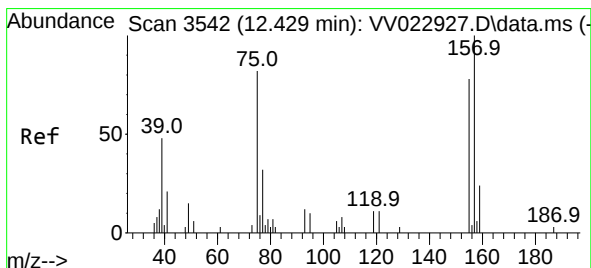
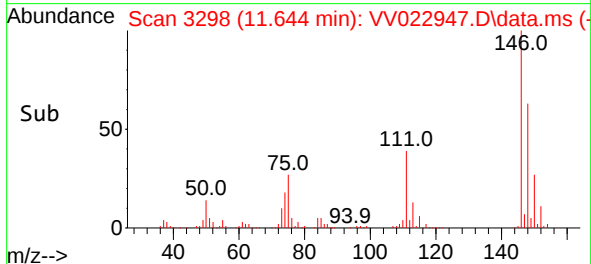
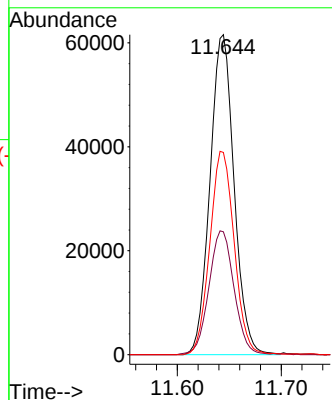
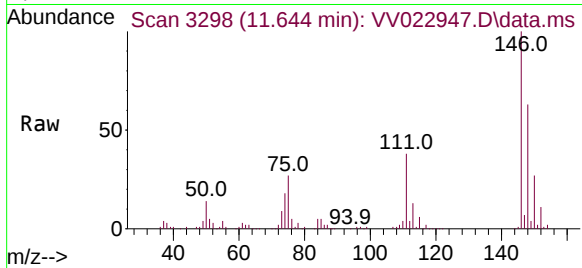




#67
1,2-Dichlorobenzene
Concen: 5.170 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

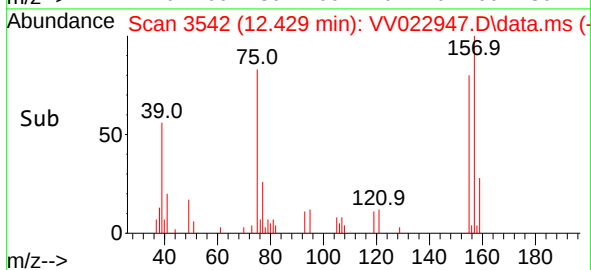
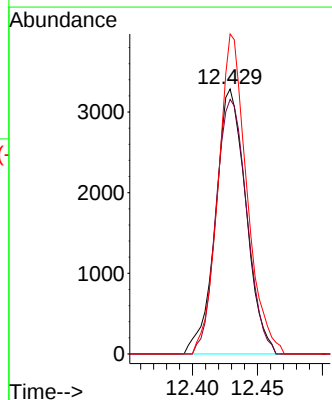
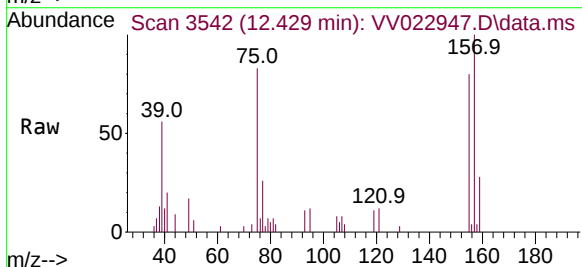
Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

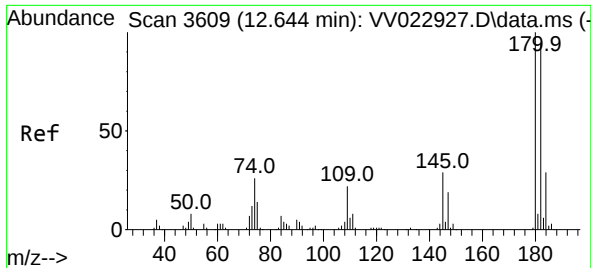
Tgt Ion:	146	Resp:	99212
Ion	Ratio	Lower	Upper
146	100		
111	38.4	32.3	48.5
148	63.2	52.1	78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.509 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Tgt Ion:	75	Resp:	5346
Ion	Ratio	Lower	Upper
75	100		
155	96.1	82.4	123.6
157	120.8	114.1	171.1

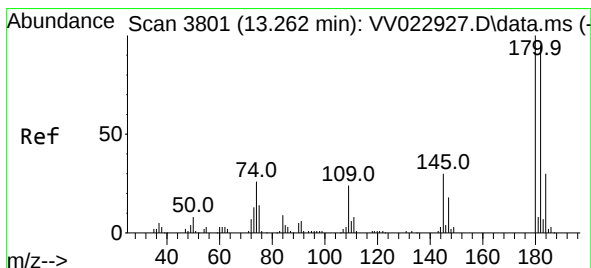
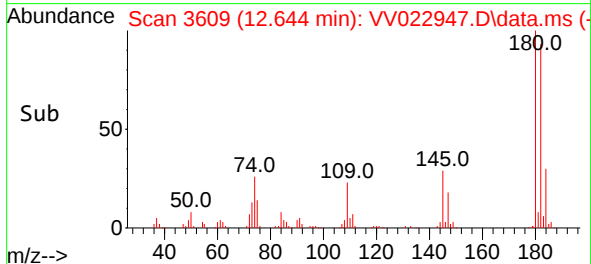
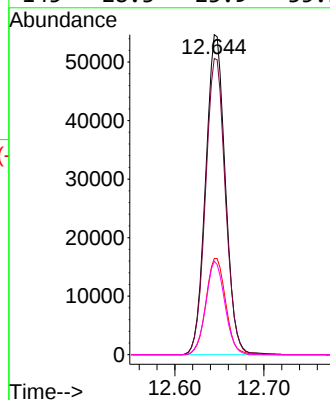
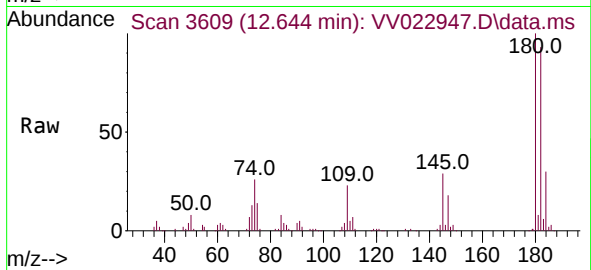




#69
 1,3,5-Trichlorobenzene
 Concen: 5.426 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV022947.D
 Acq: 20 Oct 2021 21:57

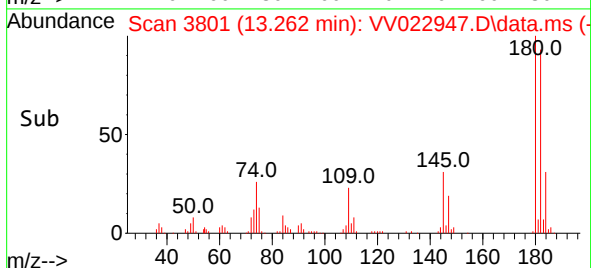
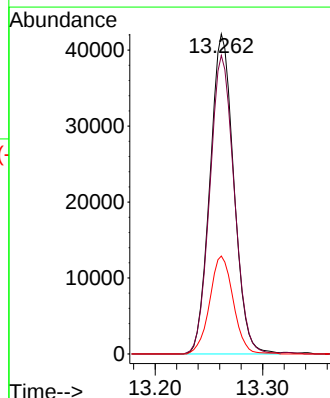
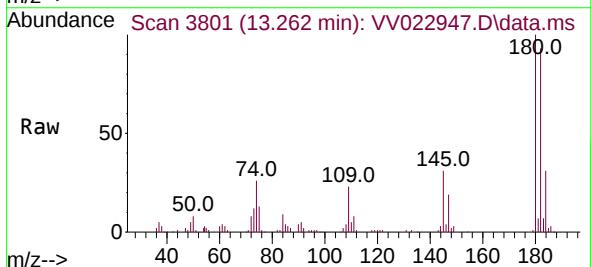
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005318

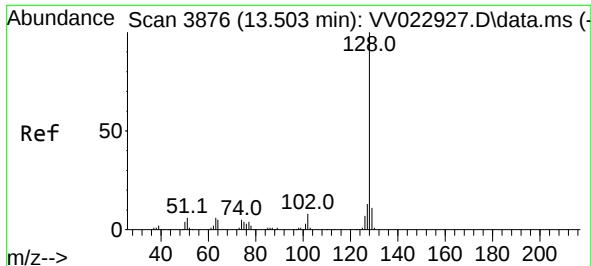
Tgt Ion:	180	Resp:	83616
Ion Ratio	Lower	Upper	
180	100		
182	93.7	77.0	115.6
184	30.1	24.5	36.7
145	28.3	23.9	35.9



#70
 1,2,4-trichlorobenzene
 Concen: 5.510 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV022947.D
 Acq: 20 Oct 2021 21:57

Tgt Ion:	180	Resp:	64862
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.0	114.0
145	30.3	24.1	36.1

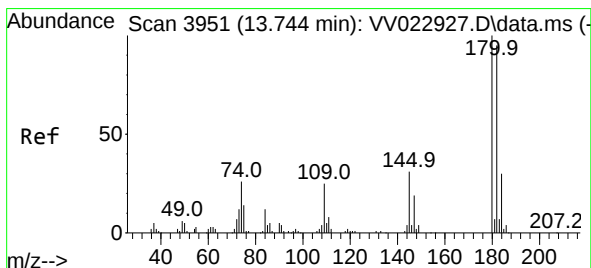
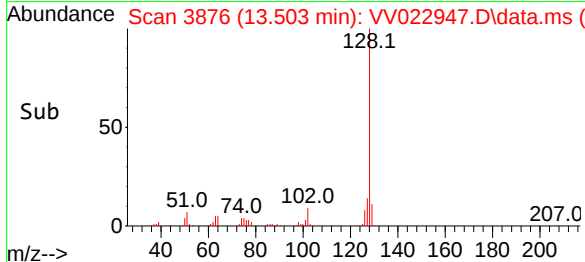
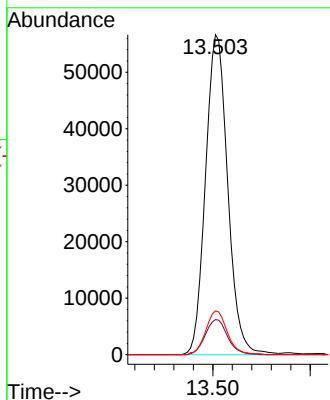
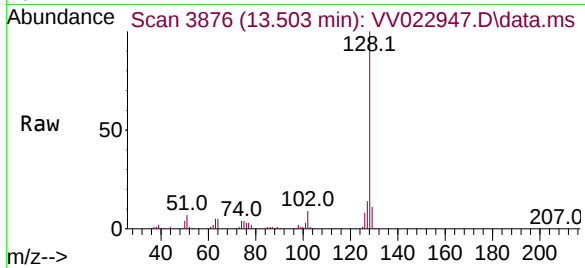




#71
Naphthalene
Concen: 4.789 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

Tgt Ion:	128	Resp:	89611
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.3	13.9
127	13.3	10.8	16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.257 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022947.D
Acq: 20 Oct 2021 21:57

Tgt Ion:	180	Resp:	58350
Ion Ratio	Lower	Upper	
180	100		
182	96.1	75.5	113.3
145	32.2	24.7	37.1

