

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102021\
 Data File : VW022927.D
 Acq On : 20 Oct 2021 11:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005317

Quant Time: Oct 21 02:37:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 04:07:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	153511	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	152263	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	86370	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	48919	4.632	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.564	69	35278	3.717	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.108	63	78800	3.803	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	3.892	46	92095	33.255	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.520%
24) Chloroform-d	4.346	84	100818	4.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.031	65	45869	4.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.047	84	202049	4.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.066	67	60737	4.525	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.313	98	190461	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	7.622	79	20713	4.651	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.088	63	92912	51.775	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.540%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45301	4.982	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	70996	4.433	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	48844	4.366	ug/L	100
3) Chloromethane	1.240	50	52218	4.644	ug/L	98
5) Vinyl chloride	1.307	62	54308	4.675	ug/L	99
6) Bromomethane	1.519	94	26034	3.595	ug/L	99
8) Chloroethane	1.584	64	25422	3.537	ug/L	99
9) Trichlorofluoromethane	1.751	101	67438	3.963	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	40699	4.111	ug/L	97
12) 1,1-Dichloroethene	2.117	96	37018	3.992	ug/L	82
13) Acetone	2.185	43	58919	38.154	ug/L #	48
14) Carbon disulfide	2.291	76	130969	5.026	ug/L	100
15) Methyl Acetate	2.436	43	14111	3.194	ug/L	98
16) Methylene chloride	2.503	84	59463	4.659	ug/L	93
17) Methyl tert-butyl Ether	2.764	73	95858	4.272	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	48418	4.801	ug/L	98
19) 1,1-Dichloroethane	3.185	63	88012	4.846	ug/L	96
21) 2-Butanone	3.976	43	95855	37.910	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	49499	4.675	ug/L	98
23) Bromochloromethane	4.246	128	23370	4.968	ug/L	99
25) Chloroform	4.371	83	94499	4.488	ug/L	97

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 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleId :
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Quant Time: Oct 21 02:37:17 2021
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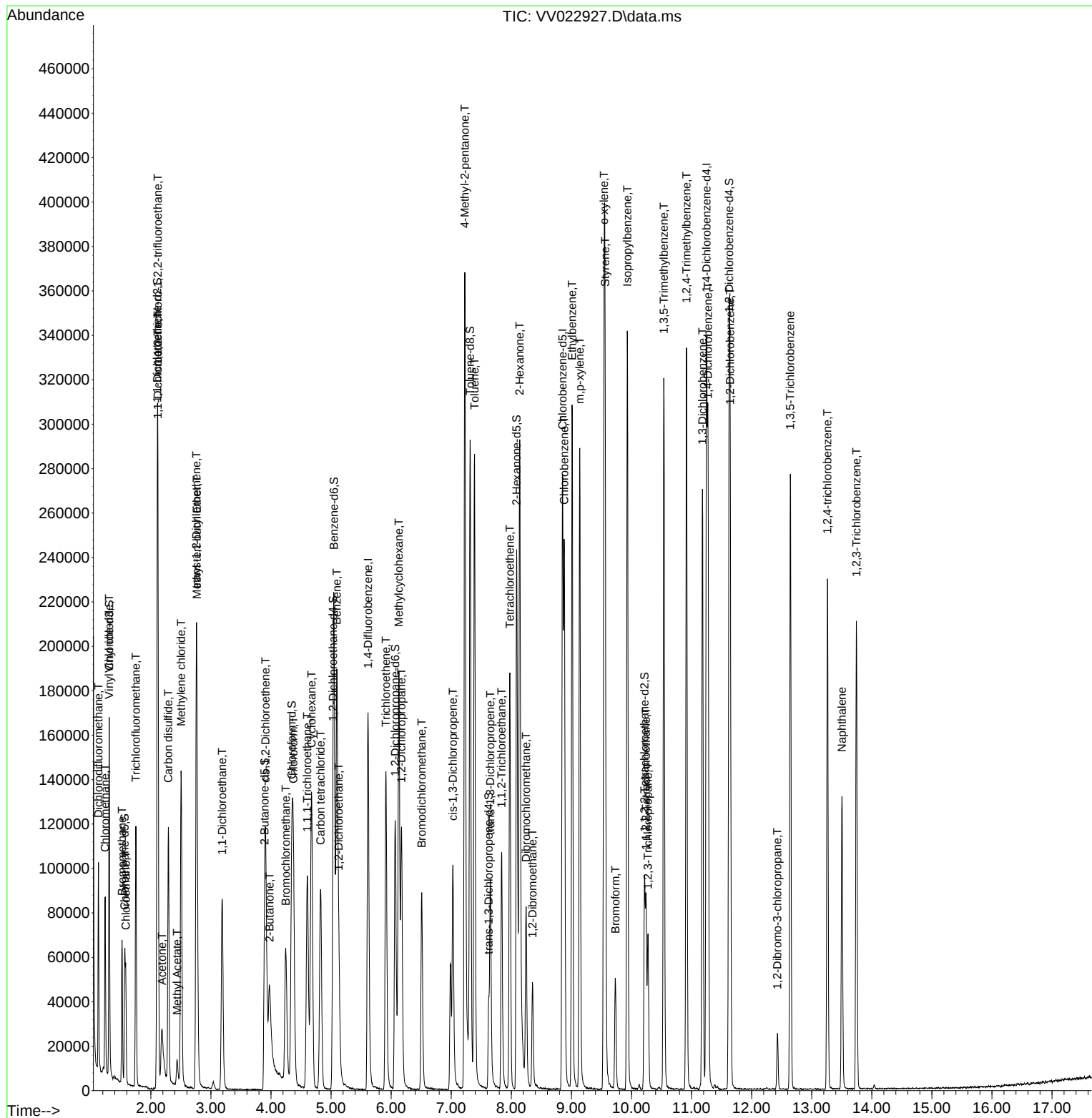
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	46489	4.424	ug/L	95
29) 1,1,1-Trichloroethane	4.603	97	79014	4.544	ug/L	99
30) Cyclohexane	4.674	56	68247	4.254	ug/L	99
31) Carbon tetrachloride	4.825	117	70059	4.642	ug/L	98
33) Benzene	5.095	78	193475	4.718	ug/L	100
34) Trichloroethene	5.912	95	50759	4.552	ug/L	99
35) Methylcyclohexane	6.127	83	73807	4.724	ug/L	95
37) 1,2-Dichloropropane	6.172	63	47944	4.861	ug/L	98
38) Bromodichloromethane	6.510	83	59662	4.909	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	63697	4.879	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	264135	49.842	ug/L	98
42) Toluene	7.387	91	211464	5.079	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	54466	5.117	ug/L	95
45) 1,1,2-Trichloroethane	7.838	97	33593	4.590	ug/L	96
47) Tetrachloroethene	7.976	164	43099	4.779	ug/L	98
48) 2-Hexanone	8.140	43	198390	51.200	ug/L	97
49) Dibromochloromethane	8.246	129	42251	4.932	ug/L	93
50) 1,2-Dibromoethane	8.352	107	32110	4.699	ug/L	99
51) Chlorobenzene	8.882	112	134757	4.926	ug/L	100
52) Ethylbenzene	9.011	91	211978	5.015	ug/L	98
53) m,p-xylene	9.140	106	83411	5.029	ug/L	100
54) o-xylene	9.545	106	79185	5.074	ug/L	98
55) Styrene	9.561	104	140445	5.223	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	40727	5.500	ug/L	95
59) Bromoform	9.731	173	23068	4.768	ug/L	98
60) Isopropylbenzene	9.931	105	215240	4.906	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	27557	4.592	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	167664	4.730	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	176487	4.975	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	114666	4.980	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	115752	4.951	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	103272	4.781	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	5776	5.288	ug/L	87
69) 1,3,5-Trichlorobenzene	12.644	180	87761	5.060	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	70364	5.310	ug/L	100
71) Naphthalene	13.503	128	105574	5.013	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	64978	5.201	ug/L	99

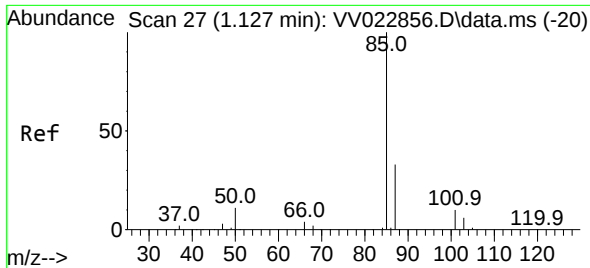
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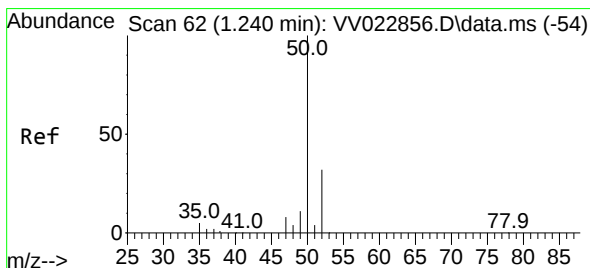
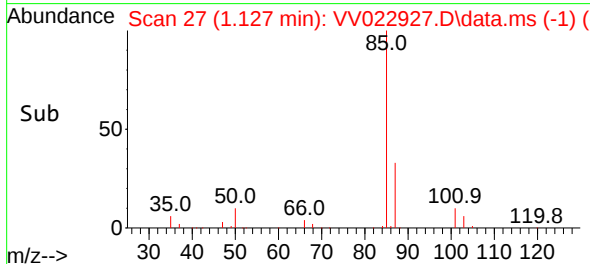
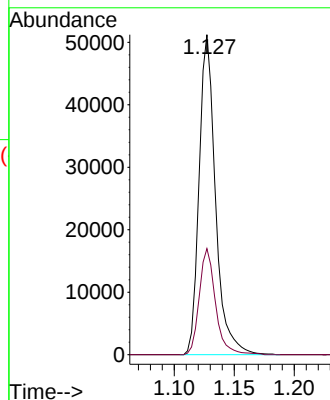
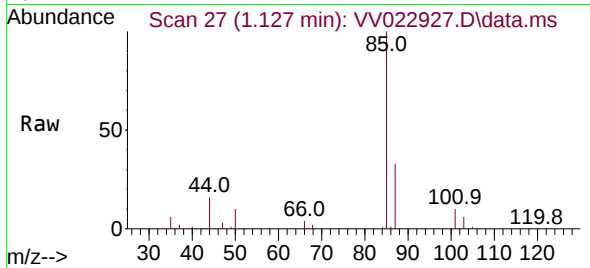




#2
 Dichlorodifluoromethane
 Concen: 4.366 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022927.D
 Acq: 20 Oct 2021 11:52

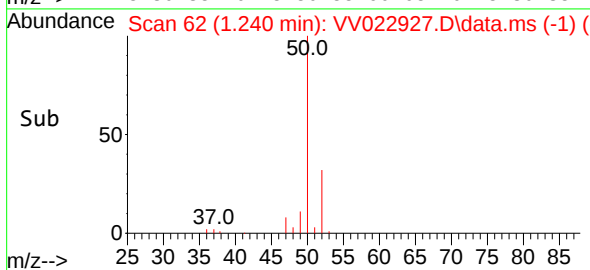
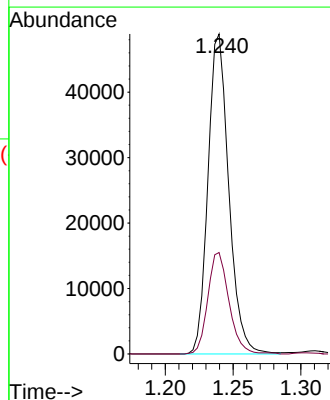
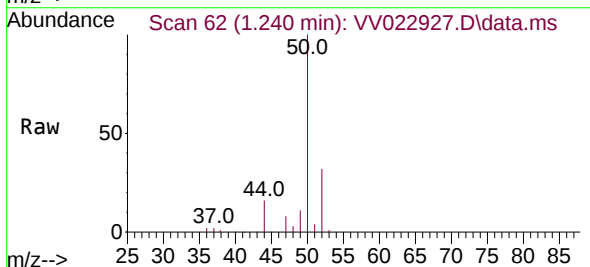
Instrument :
 MSVOA_V
 ClientSampleId :
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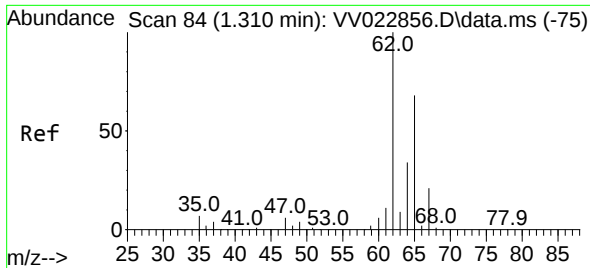
Tgt Ion: 85 Resp: 48844
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.3 39.5



#3
 Chloromethane
 Concen: 4.644 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV022927.D
 Acq: 20 Oct 2021 11:52

Tgt Ion: 50 Resp: 52218
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.9 42.5

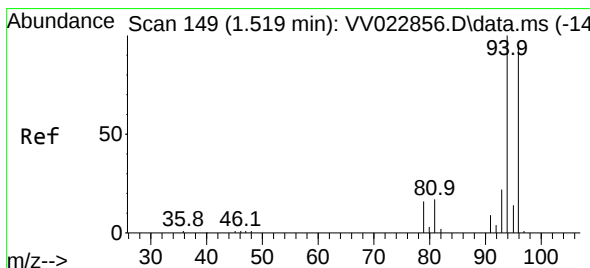
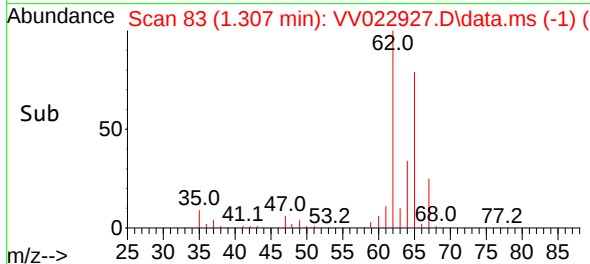
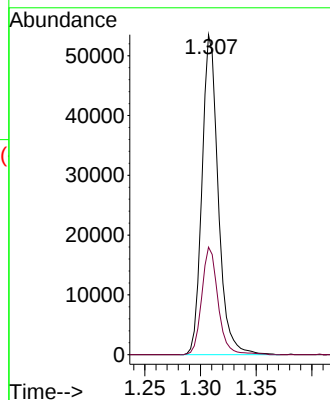
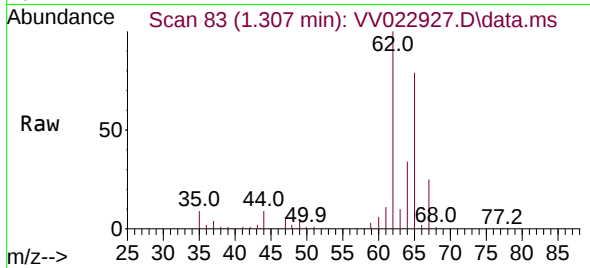




#5
 Vinyl chloride
 Concen: 4.675 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022927.D
 Acq: 20 Oct 2021 11:52

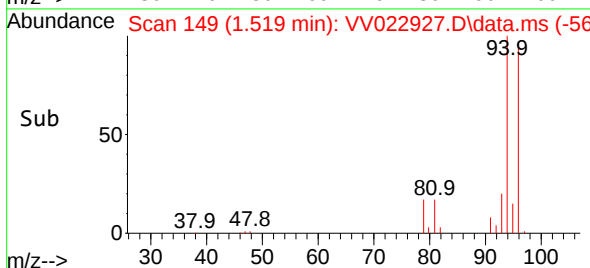
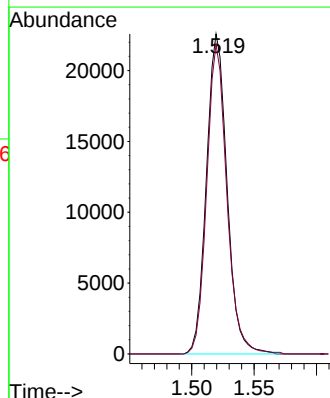
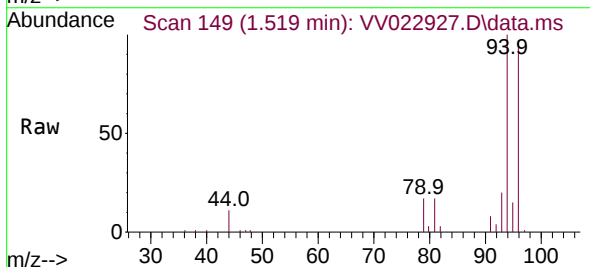
Instrument :
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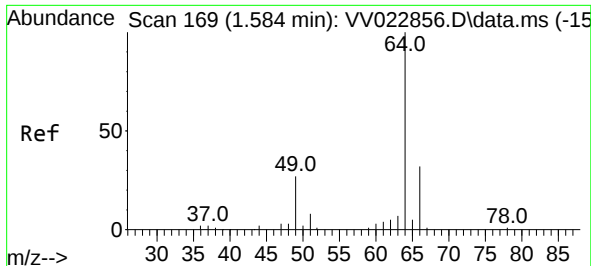
Tgt Ion: 62 Resp: 54308
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.0 42.8



#6
 Bromomethane
 Concen: 3.595 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV022927.D
 Acq: 20 Oct 2021 11:52

Tgt Ion: 94 Resp: 26034
 Ion Ratio Lower Upper
 94 100
 96 96.7 67.2 124.8

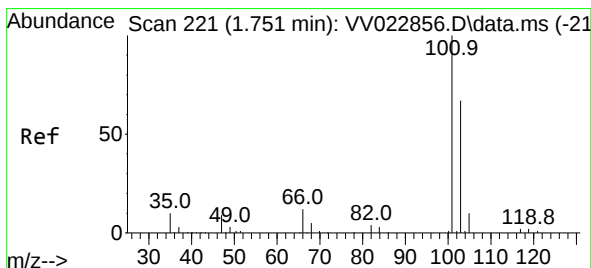
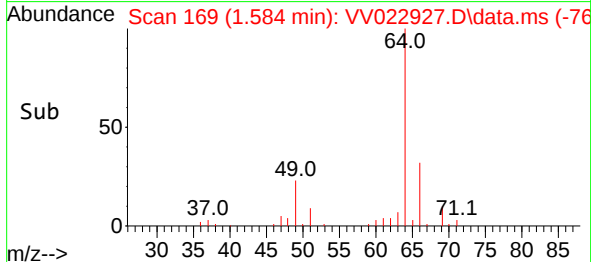
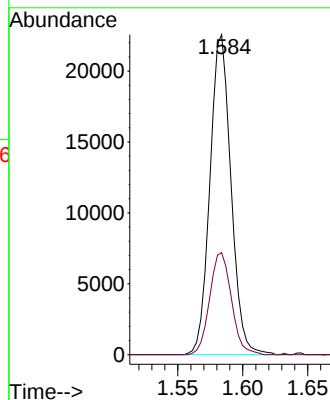
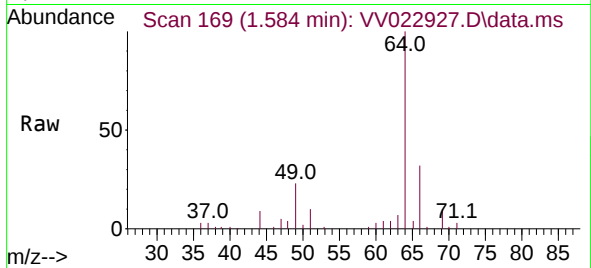




#8
Chloroethane
Concen: 3.537 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

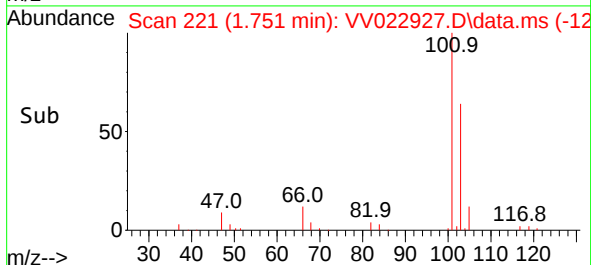
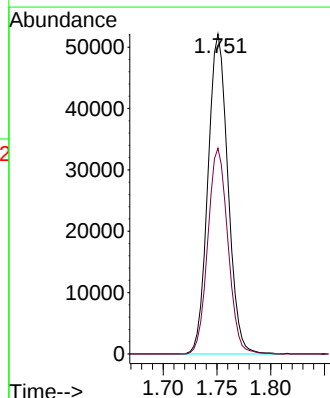
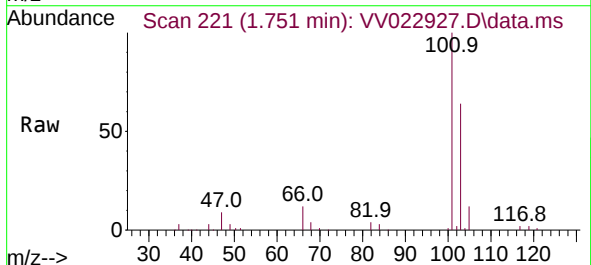
Instrument :
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VSTD005317

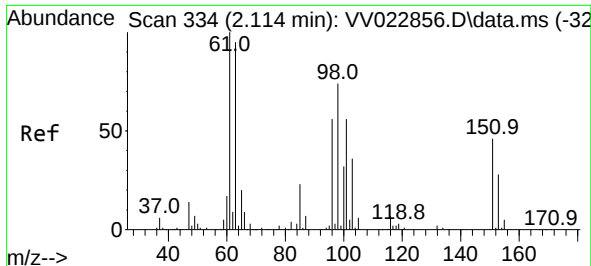
Tgt Ion: 64 Resp: 25422
Ion Ratio Lower Upper
64 100
66 31.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 3.963 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion:101 Resp: 67438
Ion Ratio Lower Upper
101 100
103 64.6 50.3 75.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.111 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV022927.D

Acq: 20 Oct 2021 11:52

Tgt Ion:101 Resp: 40699

Ion Ratio Lower Upper

101 100

85 43.5 34.6 52.0

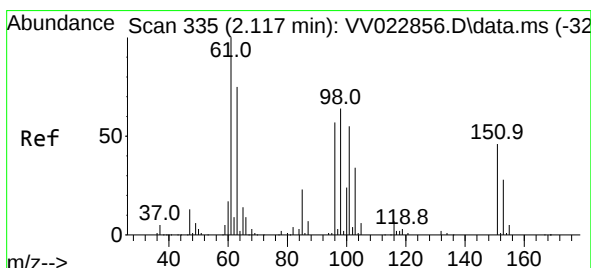
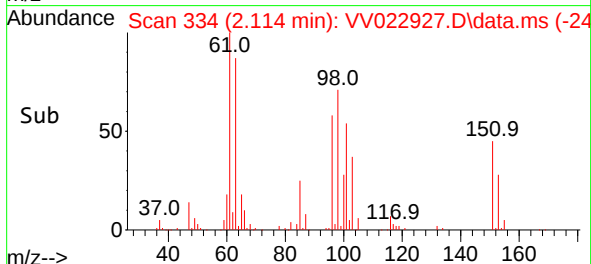
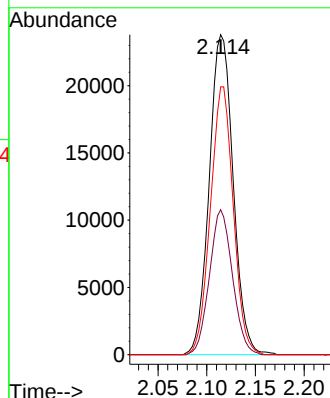
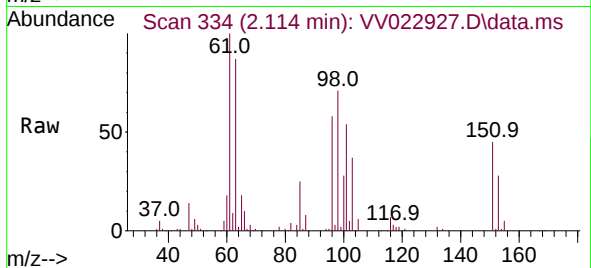
151 79.9 60.9 91.3

Instrument :

MSVOA_V

ClientSampleId :

VSTD005317



#12

1,1-Dichloroethene

Concen: 3.992 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV022927.D

Acq: 20 Oct 2021 11:52

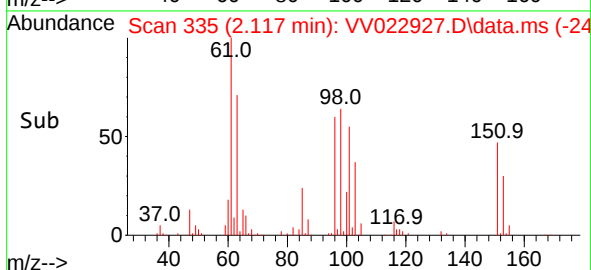
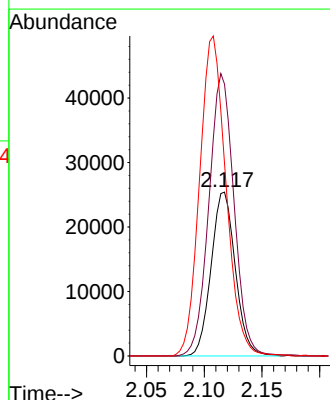
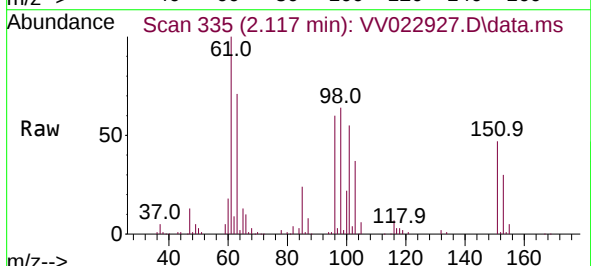
Tgt Ion: 96 Resp: 37018

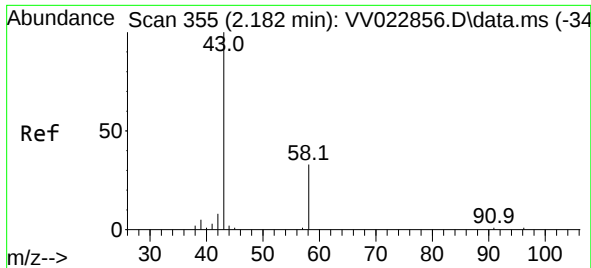
Ion Ratio Lower Upper

96 100

61 165.8 127.3 236.5

63 117.4 106.2 197.2

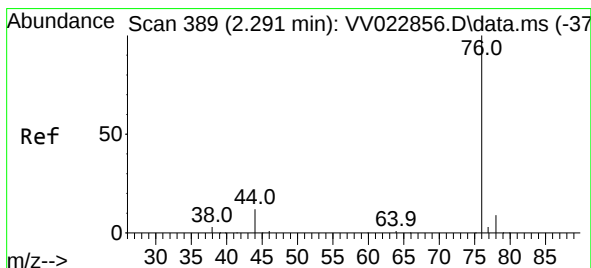
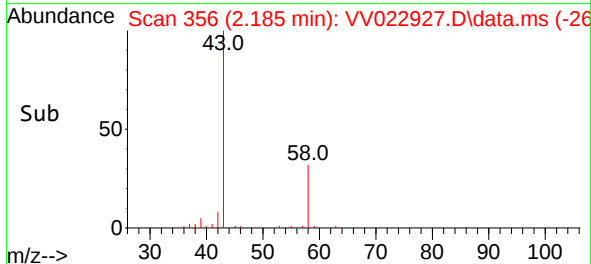
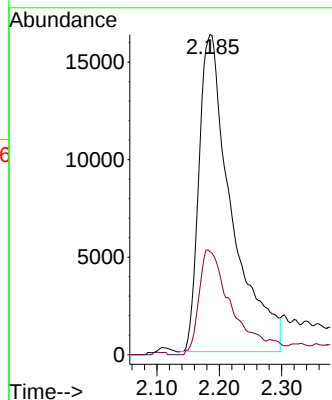
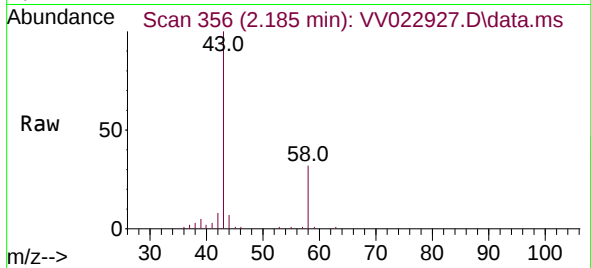




#13
Acetone
Concen: 38.154 ug/L
RT: 2.185 min Scan# 356
Delta R.T. 0.006 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

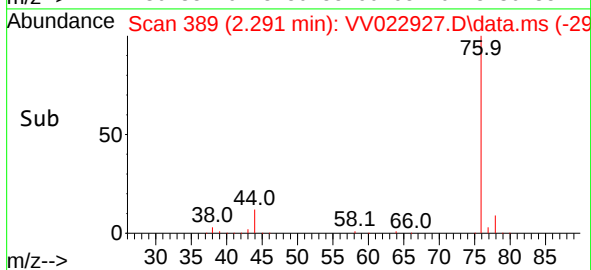
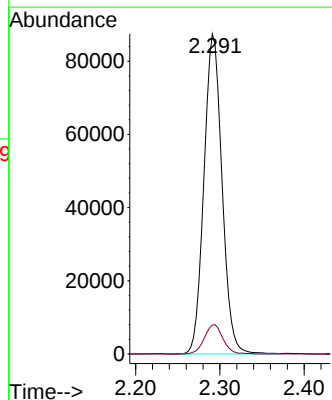
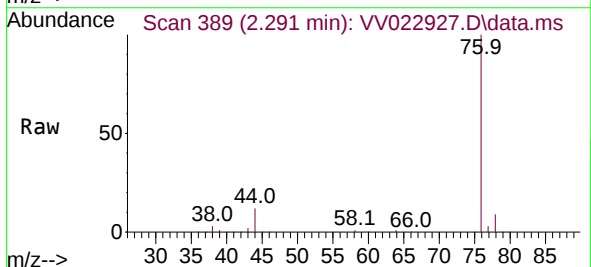
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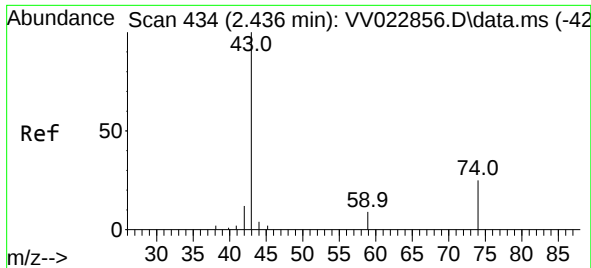
Tgt Ion: 43 Resp: 58919
Ion Ratio Lower Upper
43 100
58 32.3 0.0 24.2#



#14
Carbon disulfide
Concen: 5.026 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
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Tgt Ion: 76 Resp: 130969
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

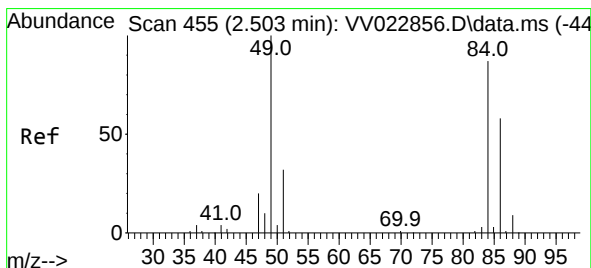
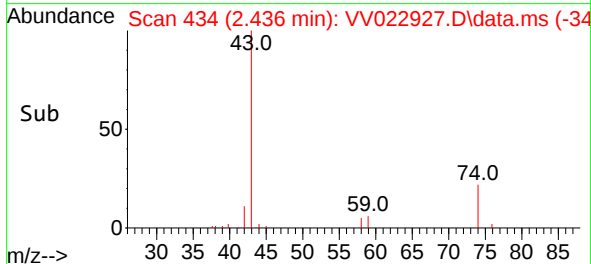
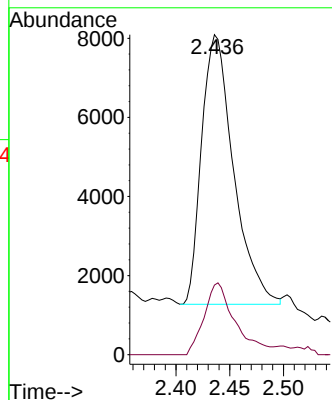
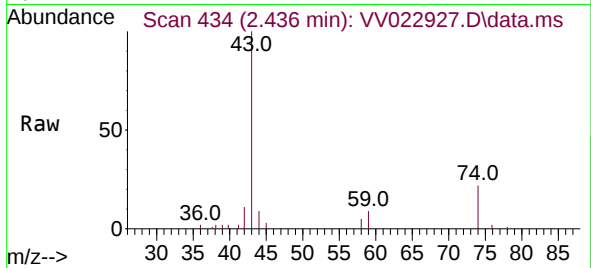




#15
Methyl Acetate
Concen: 3.194 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.000 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

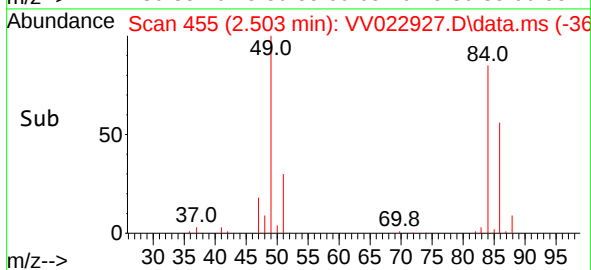
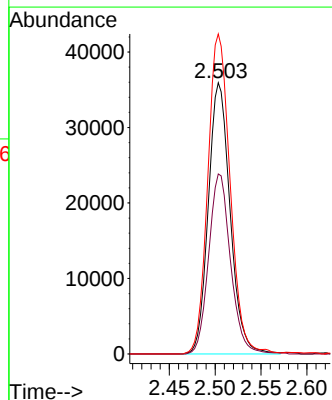
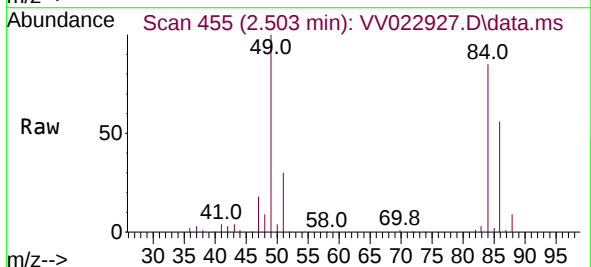
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

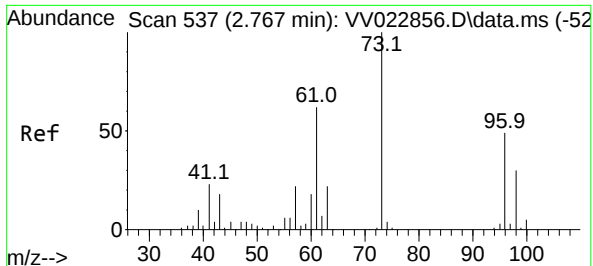
Tgt Ion: 43 Resp: 14111
Ion Ratio Lower Upper
43 100
74 26.0 19.9 29.9



#16
Methylene chloride
Concen: 4.659 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion: 84 Resp: 59463
Ion Ratio Lower Upper
84 100
86 66.3 45.8 85.2
49 118.0 90.3 167.7



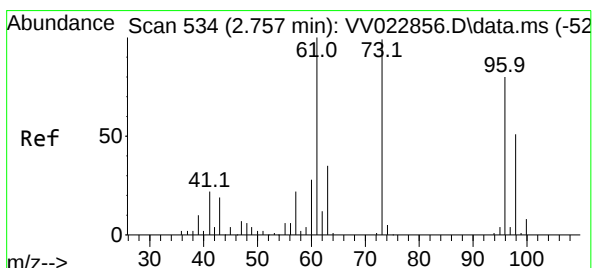
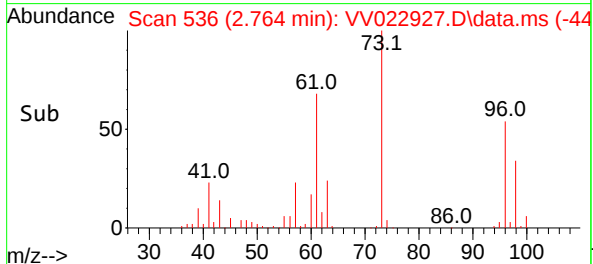
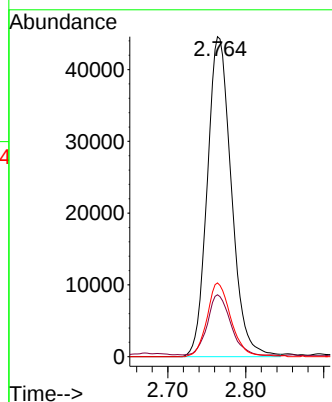
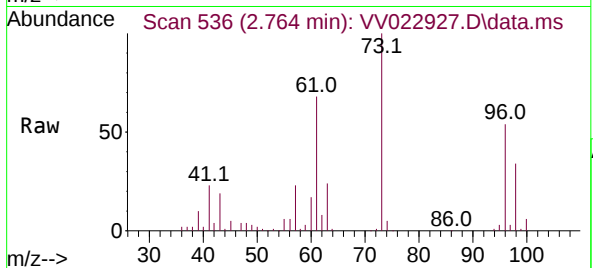


#17

Methyl tert-butyl Ether
Concen: 4.272 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

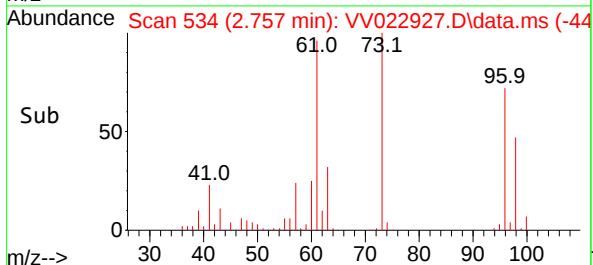
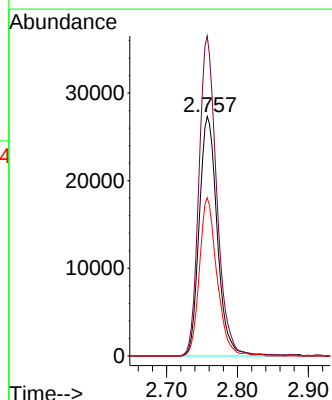
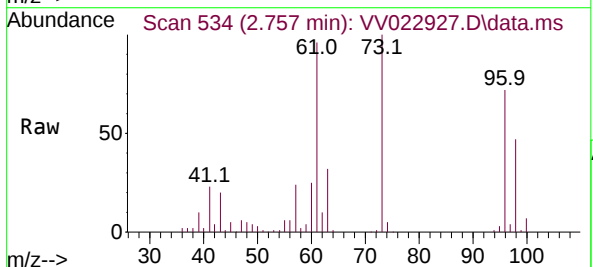
Tgt Ion: 73	Resp: 95858
Ion Ratio	Lower Upper
73 100	
43 18.2	17.1 25.7
57 22.8	17.2 25.8

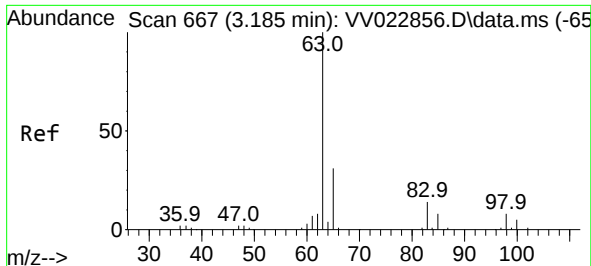


#18

trans-1,2-Dichloroethene
Concen: 4.801 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion: 96	Resp: 48418
Ion Ratio	Lower Upper
96 100	
61 133.6	94.5 175.5
98 66.1	44.2 82.0





#19

1,1-Dichloroethane

Concen: 4.846 ug/L

RT: 3.185 min Scan# 667

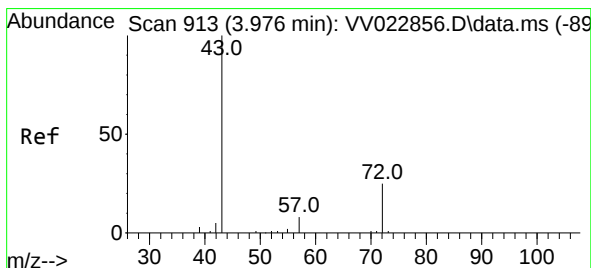
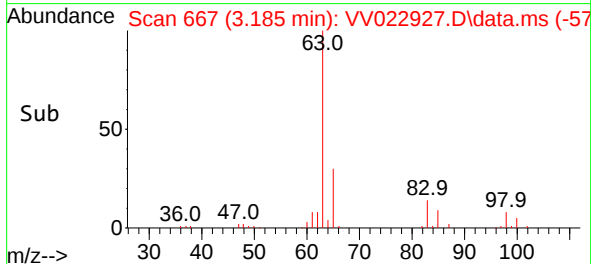
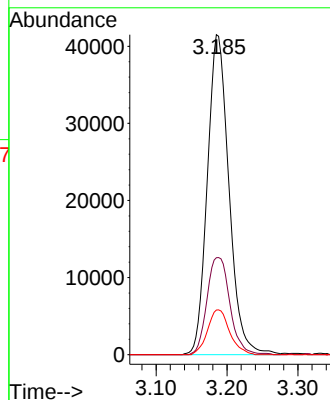
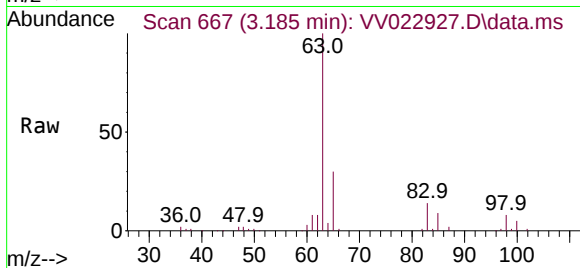
Delta R.T. -0.006 min

Lab File: VV022927.D

Acq: 20 Oct 2021 11:52

Tgt Ion: 63 Resp: 88012

Ion	Ratio	Lower	Upper
63	100		
65	30.3	23.5	43.7
83	14.0	10.1	18.7



#21

2-Butanone

Concen: 37.910 ug/L

RT: 3.976 min Scan# 913

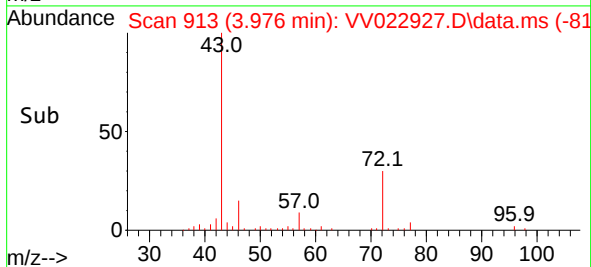
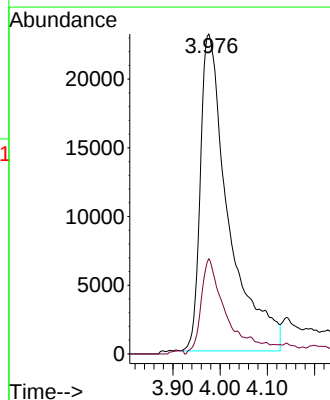
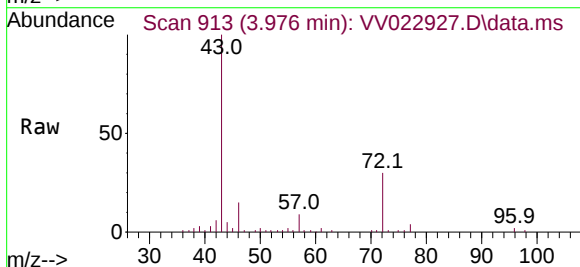
Delta R.T. 0.003 min

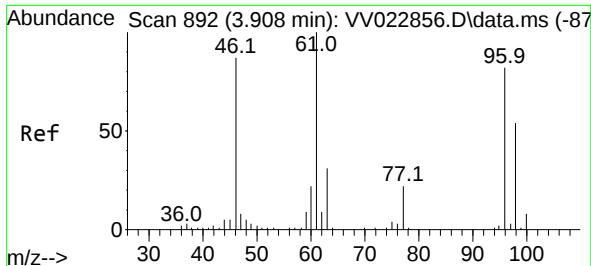
Lab File: VV022927.D

Acq: 20 Oct 2021 11:52

Tgt Ion: 43 Resp: 95855

Ion	Ratio	Lower	Upper
43	100		
72	24.0	12.3	36.8



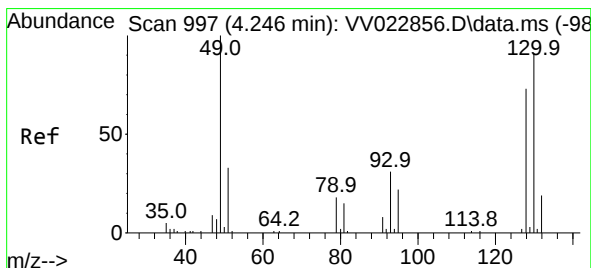
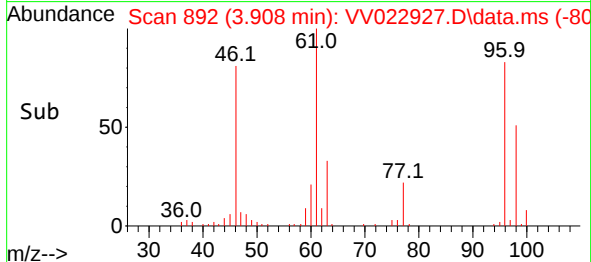
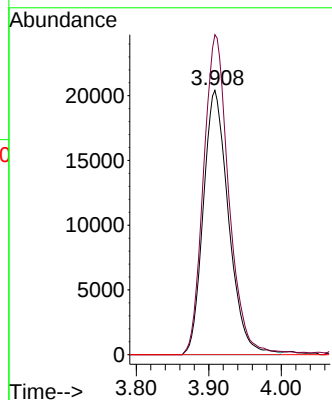
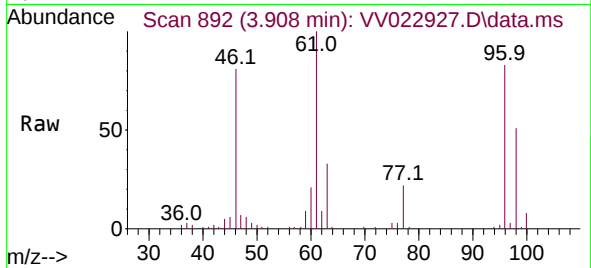


#22
cis-1,2-Dichloroethene
Concen: 4.675 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.003 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

Tgt Ion: 96 Resp: 49499

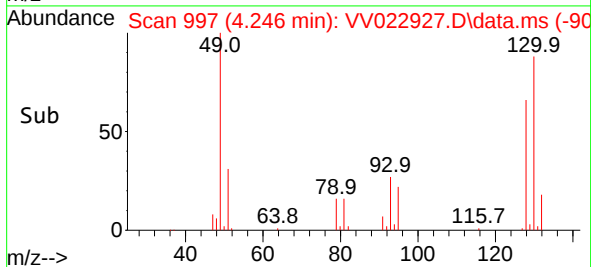
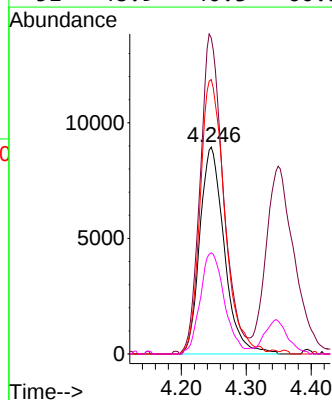
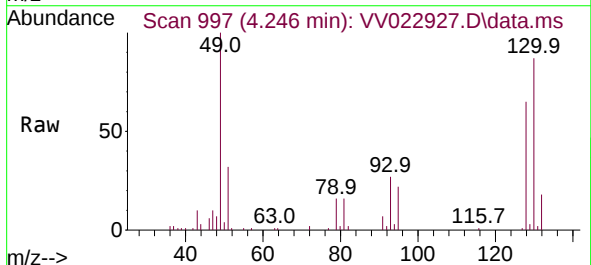
Ion	Ratio	Lower	Upper
96	100		
61	121.0	86.0	159.6
68	0.0	0.0	0.0

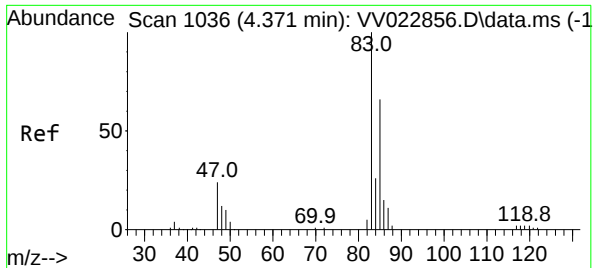


#23
Bromochloromethane
Concen: 4.968 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.006 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion: 128 Resp: 23370

Ion	Ratio	Lower	Upper
128	100		
49	152.8	106.9	198.5
130	132.7	91.9	170.7
51	48.9	40.3	60.5



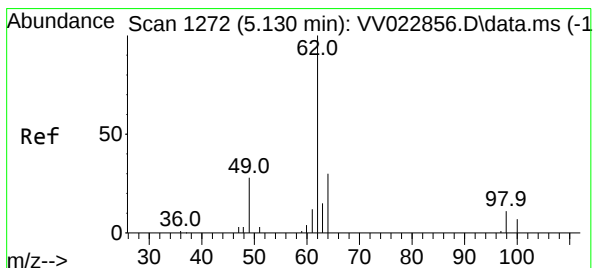
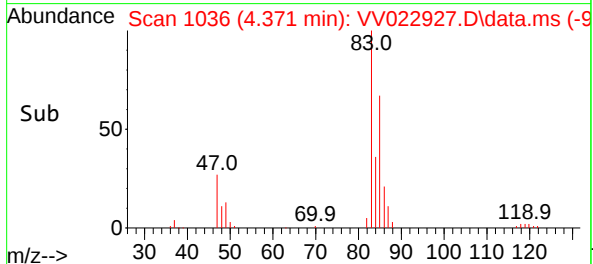
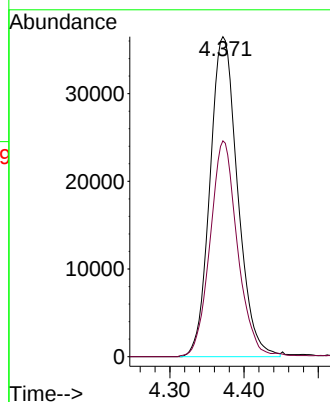
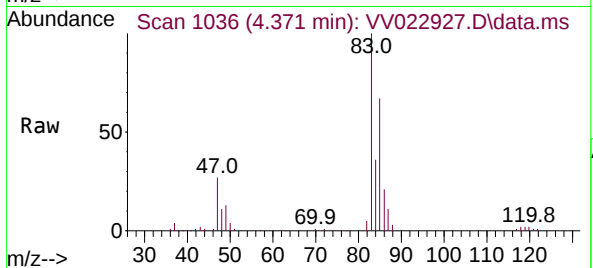


#25

Chloroform
Concen: 4.488 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

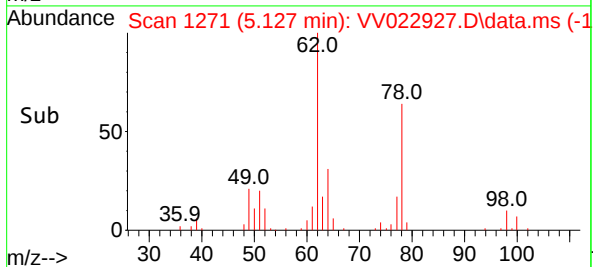
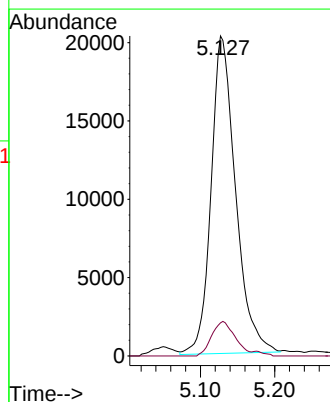
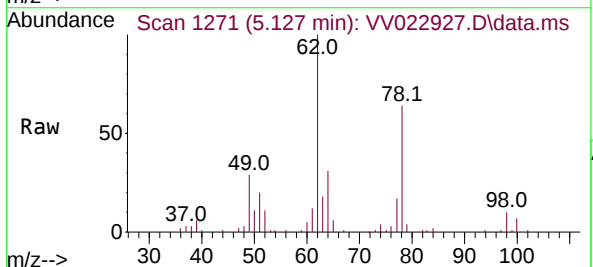
Tgt Ion: 83 Resp: 94499
Ion Ratio Lower Upper
83 100
85 67.4 45.7 84.9

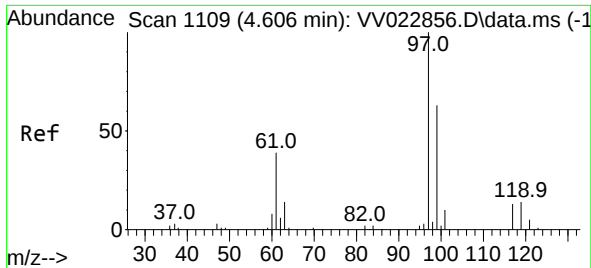


#27

1,2-Dichloroethane
Concen: 4.424 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.006 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion: 62 Resp: 46489
Ion Ratio Lower Upper
62 100
98 10.3 9.7 14.5

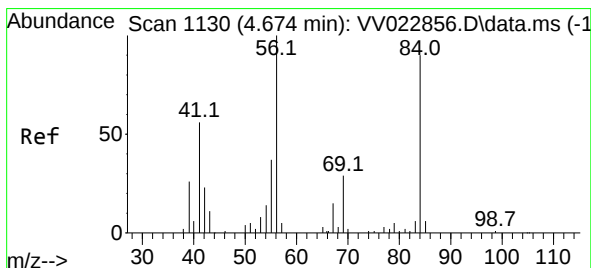
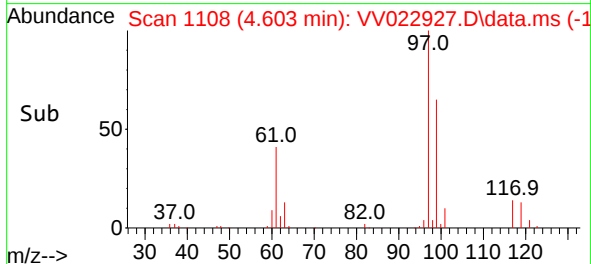
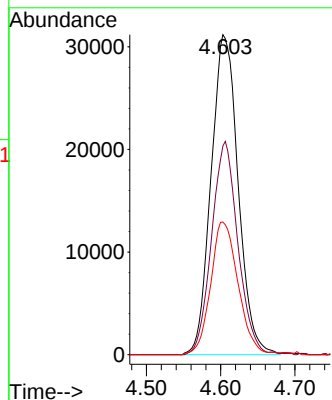
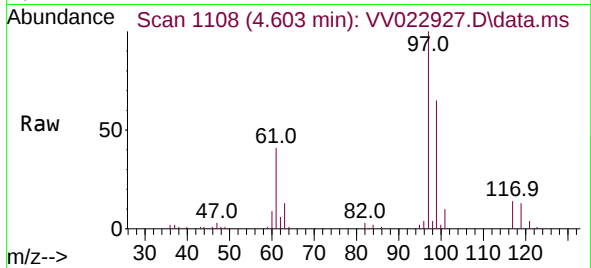




#29
1,1,1-Trichloroethane
Concen: 4.544 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

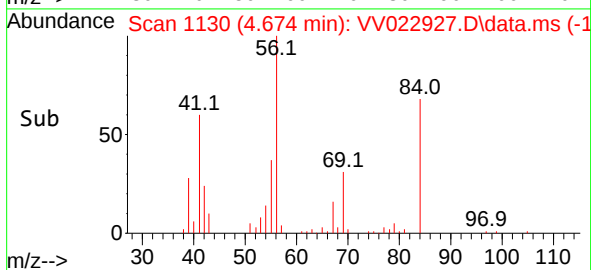
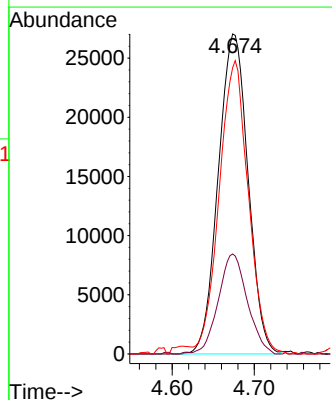
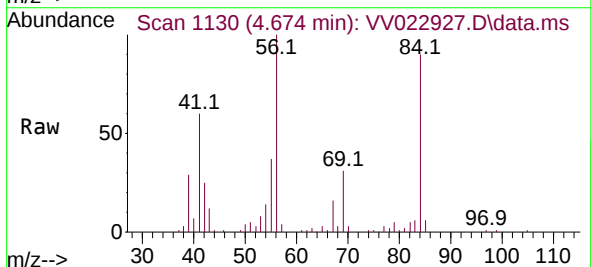
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

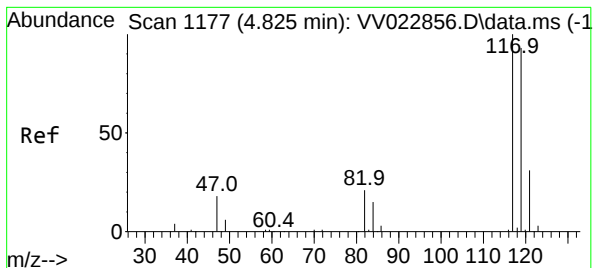
Tgt Ion:	97	Resp:	79014
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.2	76.8
61	42.1	33.2	49.8



#30
Cyclohexane
Concen: 4.254 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion:	56	Resp:	68247
Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.9	37.3
84	89.6	72.5	108.7

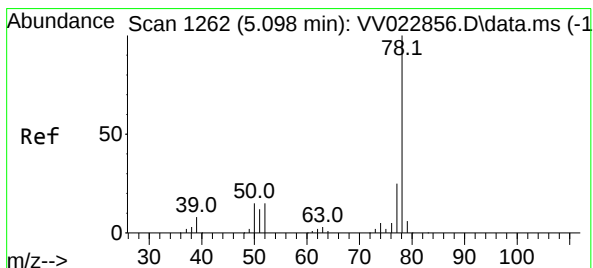
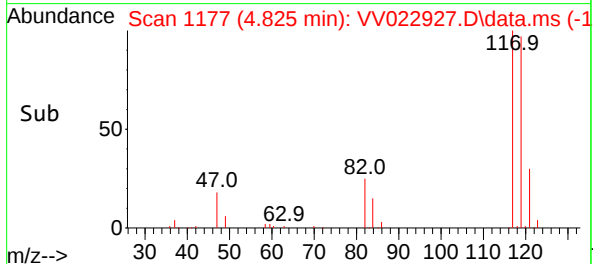
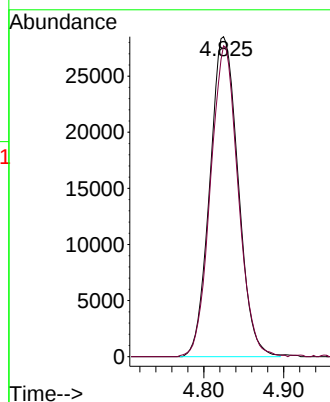
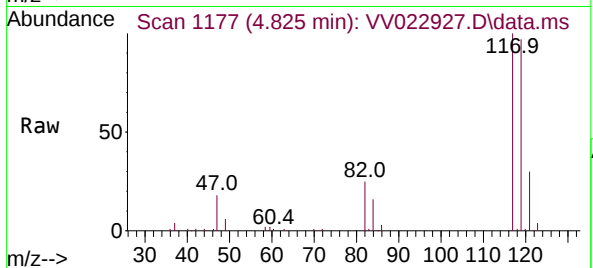




#31
Carbon tetrachloride
Concen: 4.642 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

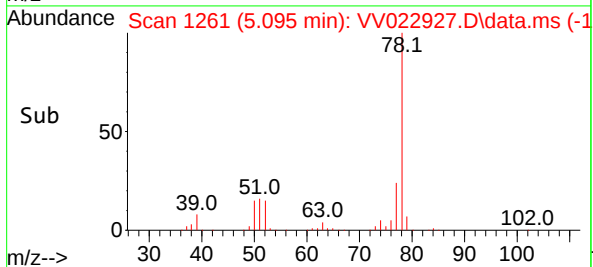
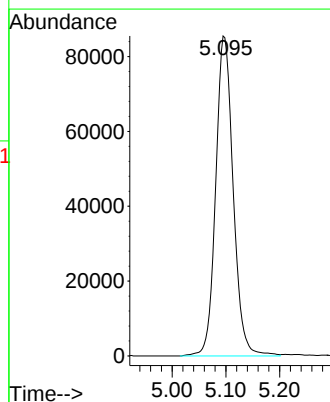
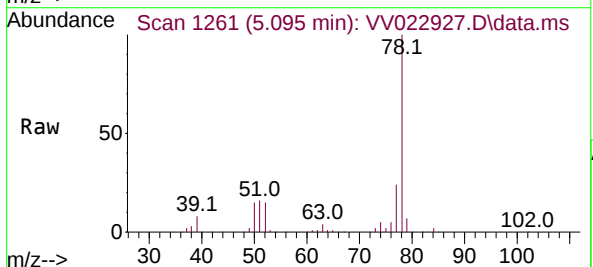
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

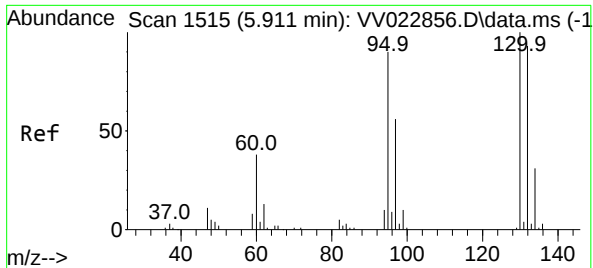
Tgt Ion:117 Resp: 70059
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.0



#33
Benzene
Concen: 4.718 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion: 78 Resp: 193475



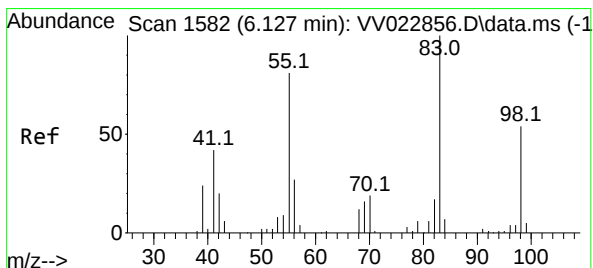
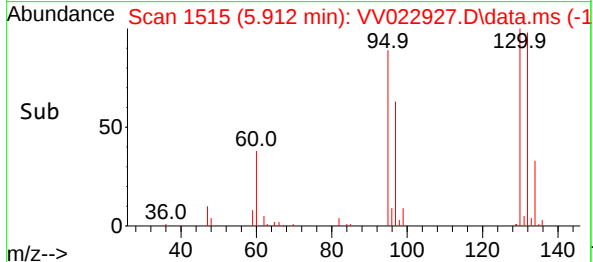
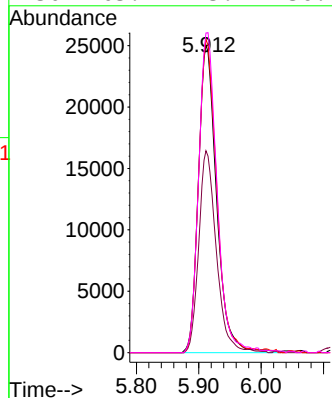
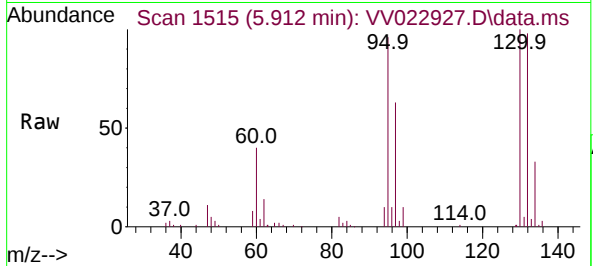


#34
Trichloroethene
Concen: 4.552 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

Tgt Ion: 95 Resp: 50759

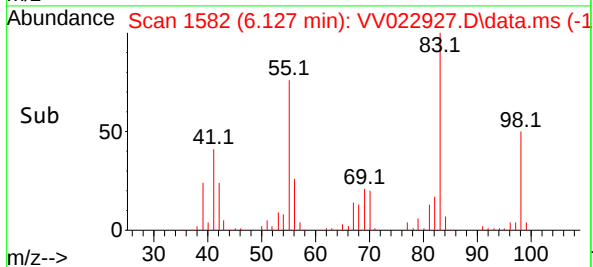
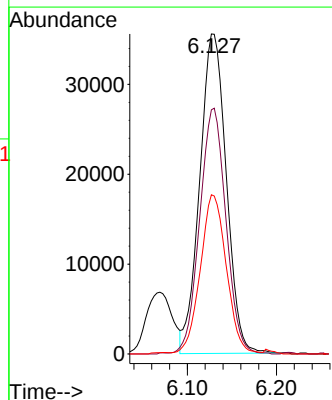
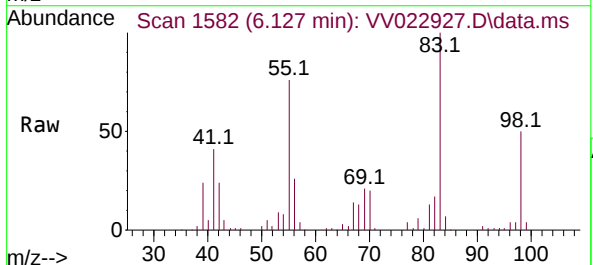
Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.8	85.2
132	101.8	72.2	134.0
130	103.9	73.4	136.4

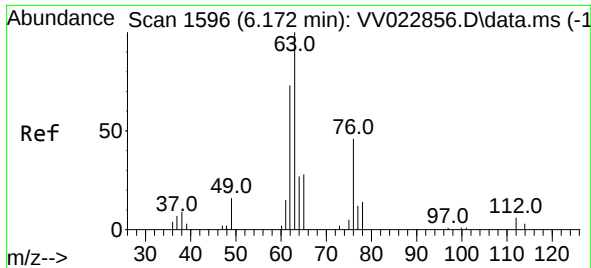


#35
Methylcyclohexane
Concen: 4.724 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.006 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion: 83 Resp: 73807

Ion	Ratio	Lower	Upper
83	100		
55	76.0	63.8	95.6
98	47.7	42.1	63.1

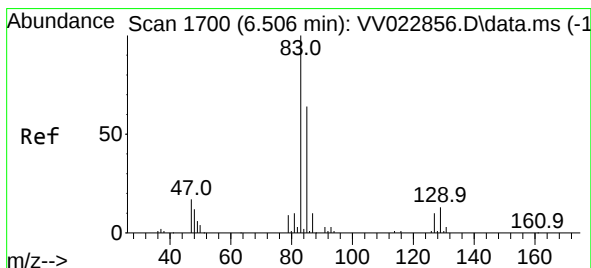
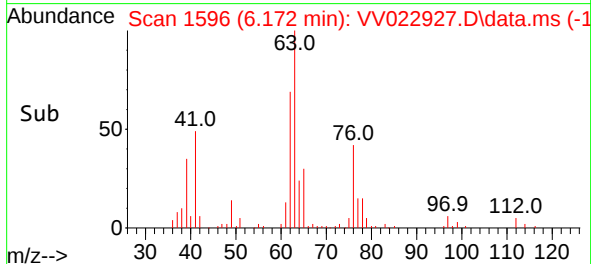
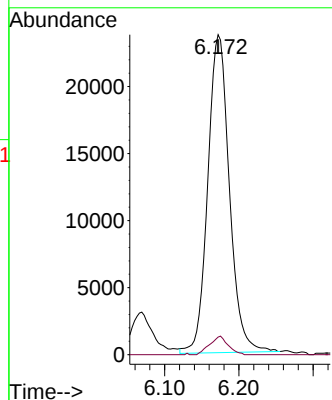
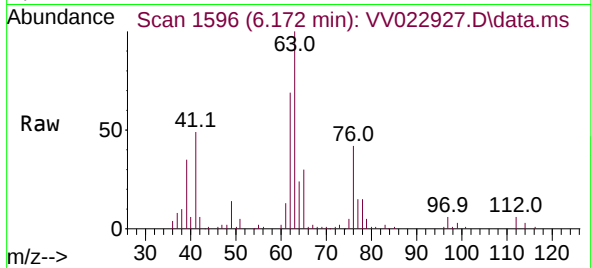




#37
1,2-Dichloropropane
Concen: 4.861 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

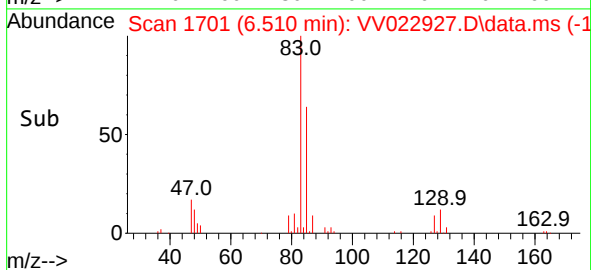
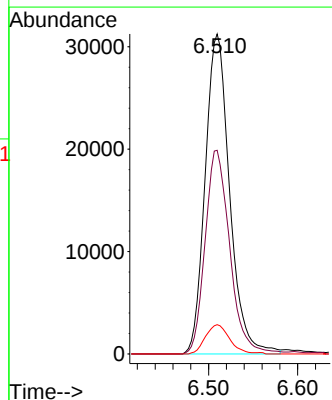
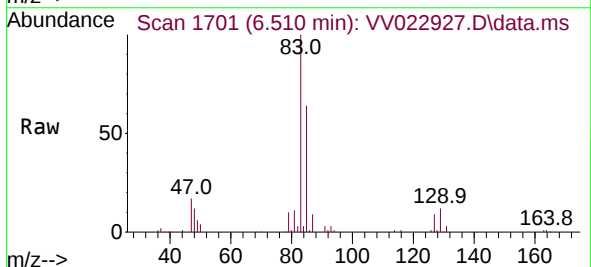
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

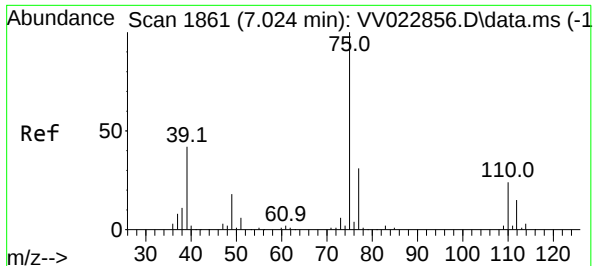
Tgt Ion: 63 Resp: 47944
Ion Ratio Lower Upper
63 100
112 4.9 4.4 6.6



#38
Bromodichloromethane
Concen: 4.909 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion: 83 Resp: 59662
Ion Ratio Lower Upper
83 100
85 63.7 44.3 82.3
127 9.2 7.7 11.5

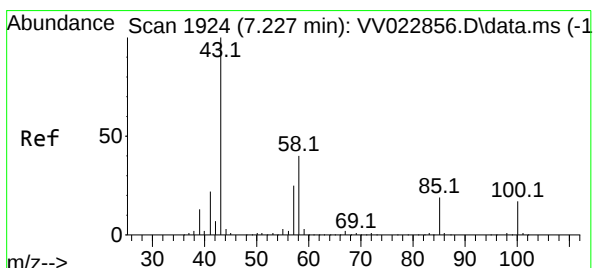
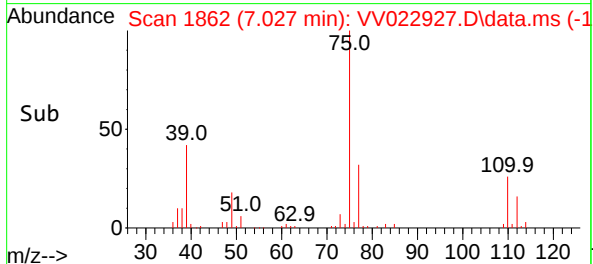
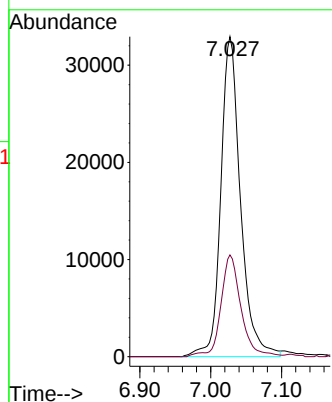
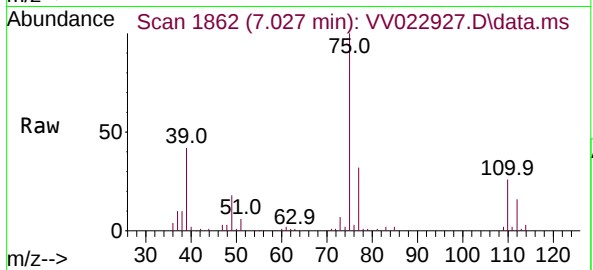




#39
cis-1,3-Dichloropropene
Concen: 4.879 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. -0.003 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

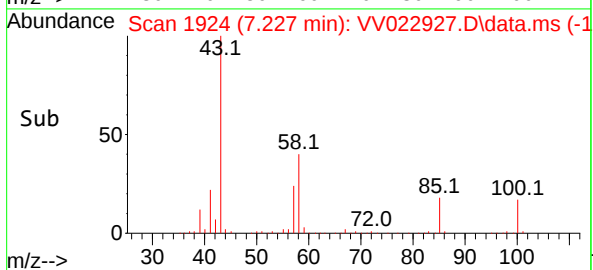
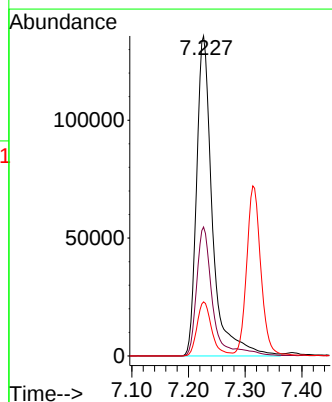
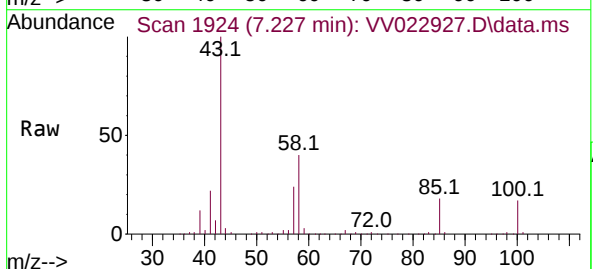
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

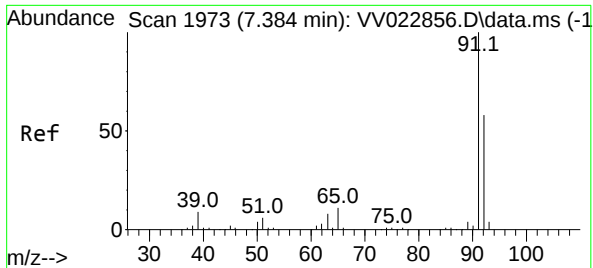
Tgt Ion: 75 Resp: 63697
Ion Ratio Lower Upper
75 100
77 31.8 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 49.842 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion: 43 Resp: 264135
Ion Ratio Lower Upper
43 100
58 40.9 32.0 48.0
100 15.8 14.2 21.2

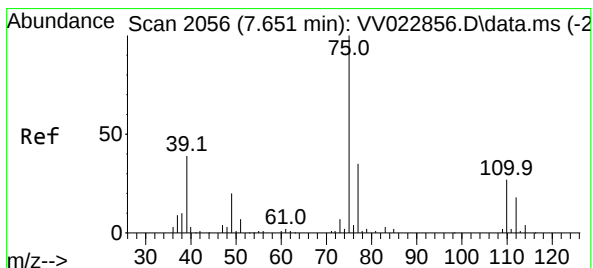
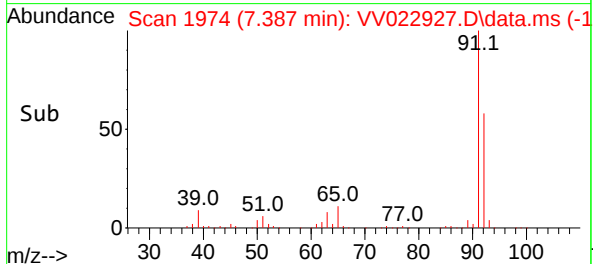
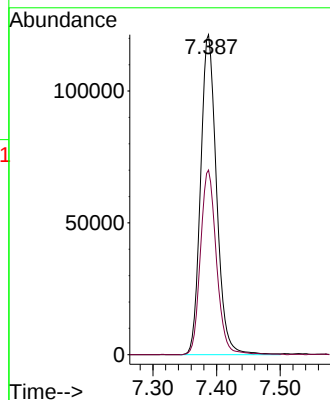
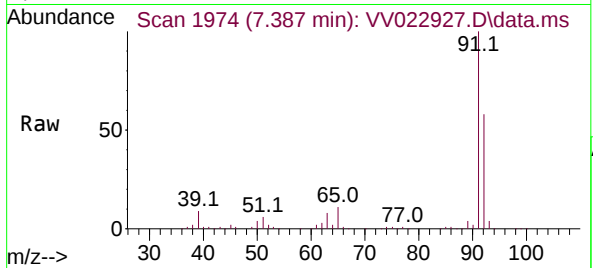




#42
Toluene
Concen: 5.079 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

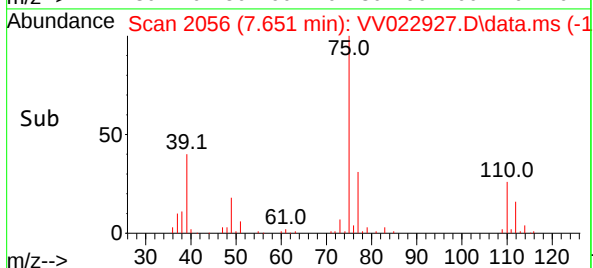
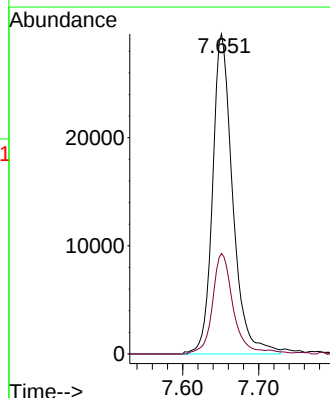
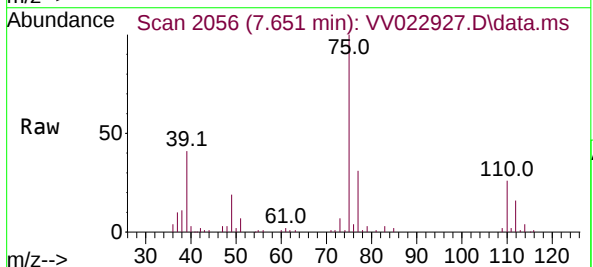
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

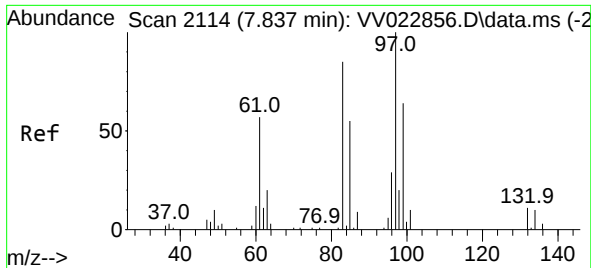
Tgt Ion: 91 Resp: 211464
Ion Ratio Lower Upper
91 100
92 57.7 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 5.117 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion: 75 Resp: 54466
Ion Ratio Lower Upper
75 100
77 31.4 23.9 44.5

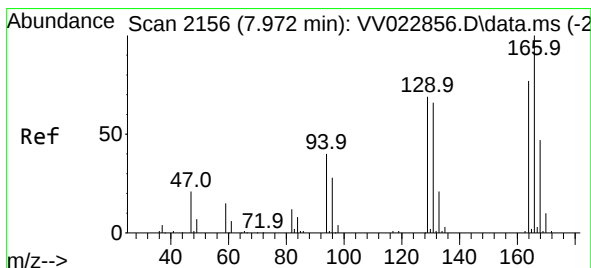
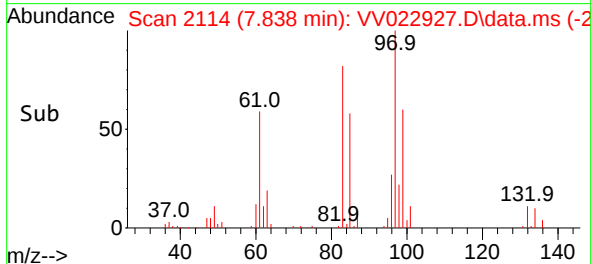
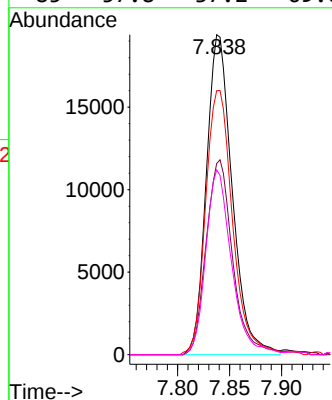
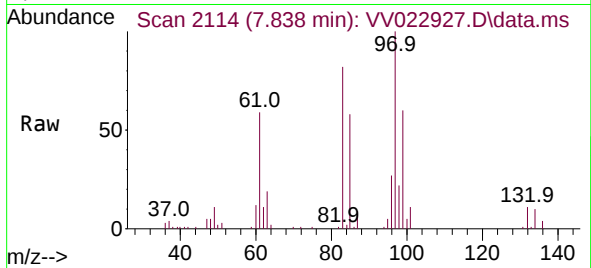




#45
1,1,2-Trichloroethane
Concen: 4.590 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

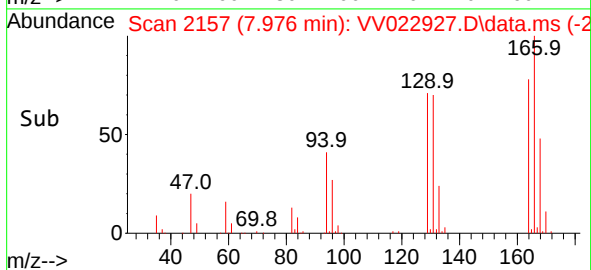
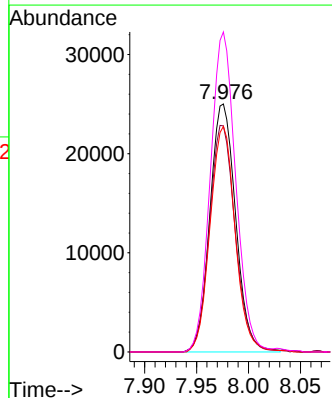
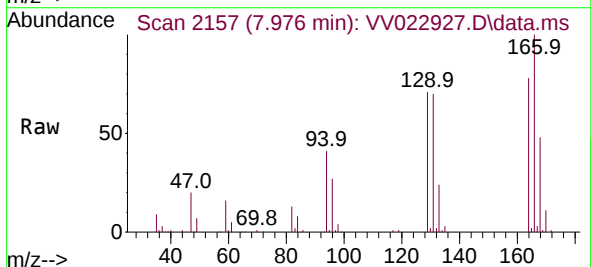
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

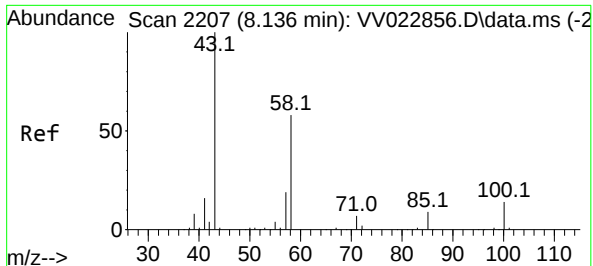
Tgt Ion: 97	Resp: 33593
Ion Ratio	Lower Upper
97 100	
99 59.7	44.5 82.7
83 82.5	56.6 105.0
85 57.8	37.2 69.0



#47
Tetrachloroethene
Concen: 4.779 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt	Ion:164	Resp:	43099
Ion	Ratio	Lower	Upper
164	100		
129	91.1	65.0	120.6
131	90.9	62.2	115.4
166	129.0	89.2	165.8



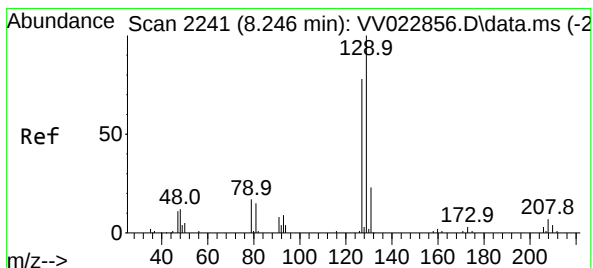
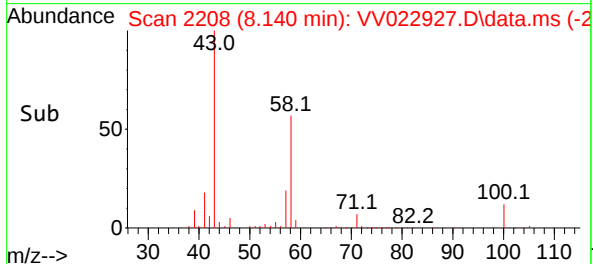
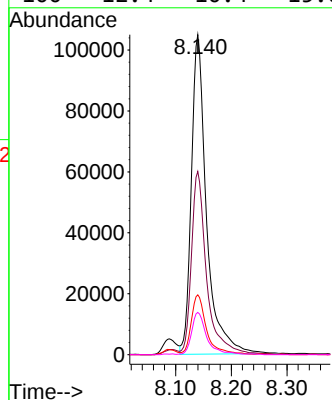
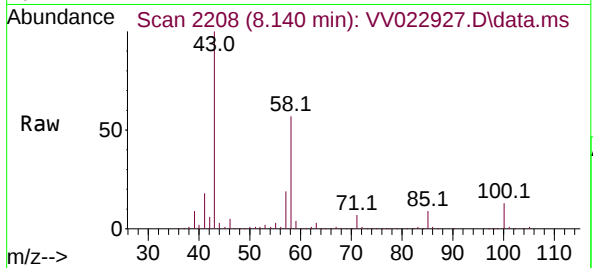


#48
2-Hexanone
Concen: 51.200 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

Tgt Ion: 43 Resp: 198390

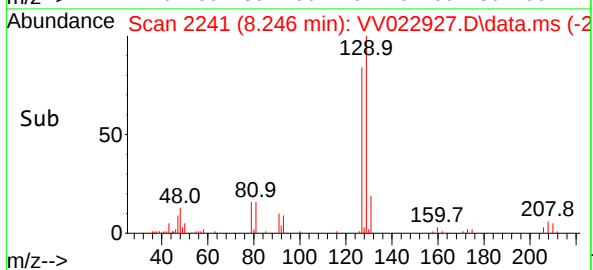
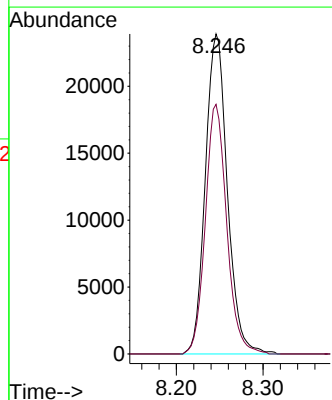
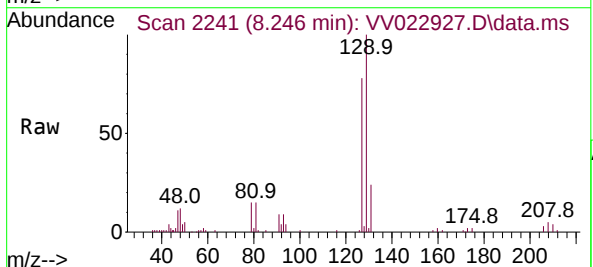
Ion	Ratio	Lower	Upper
43	100		
58	56.5	47.4	71.0
57	18.6	15.3	22.9
100	12.4	10.4	15.6

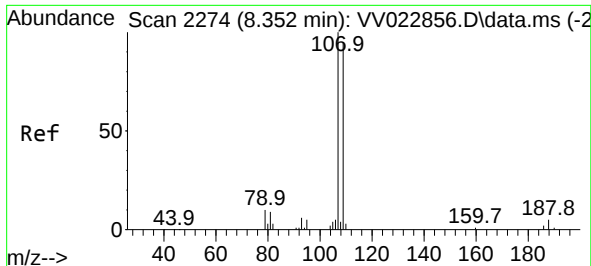


#49
Dibromochloromethane
Concen: 4.932 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion: 129 Resp: 42251

Ion	Ratio	Lower	Upper
129	100		
127	78.0	59.1	109.9

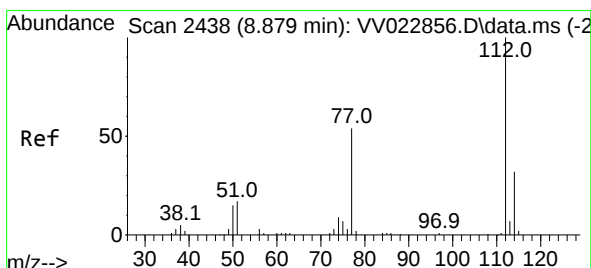
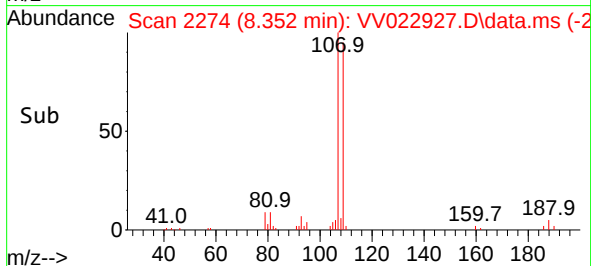
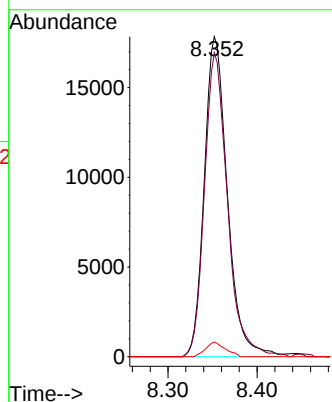
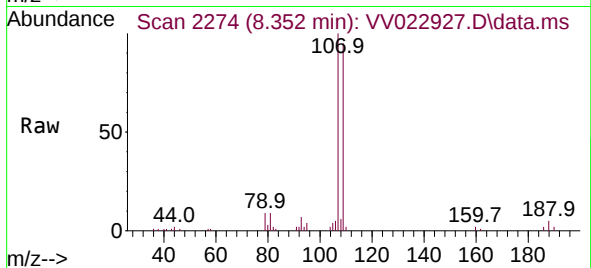




#50
1,2-Dibromoethane
Concen: 4.699 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

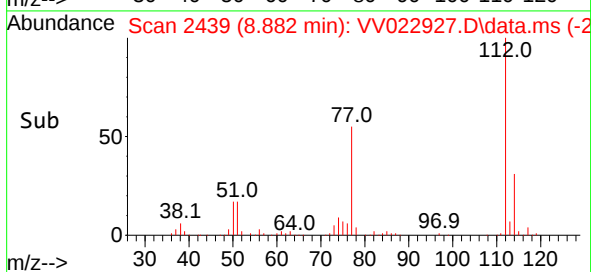
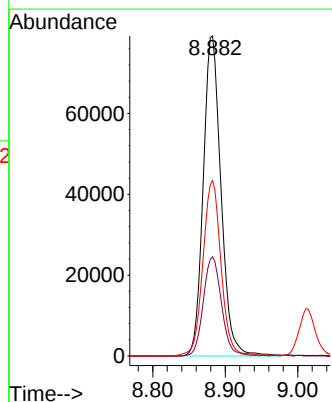
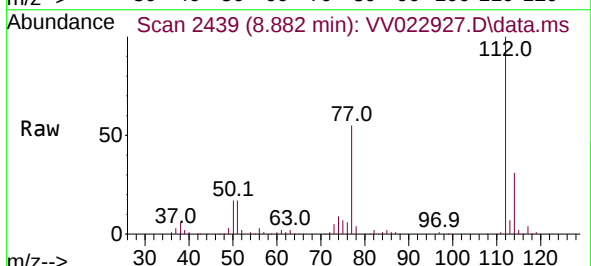
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

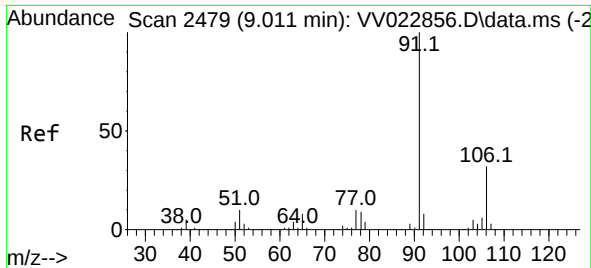
Tgt Ion:	107	Resp:	32110
Ion	Ratio	Lower	Upper
107	100		
109	95.0	67.1	124.5
188	4.6	3.4	5.0



#51
Chlorobenzene
Concen: 4.926 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion:	112	Resp:	134757
Ion	Ratio	Lower	Upper
112	100		
114	31.0	21.6	40.2
77	54.8	43.7	65.5

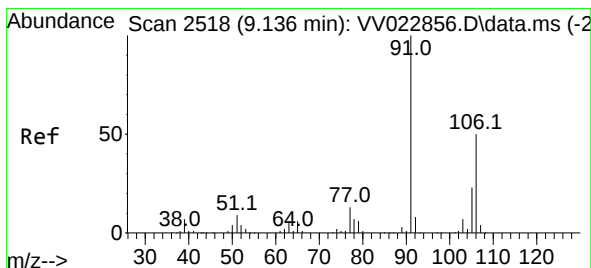
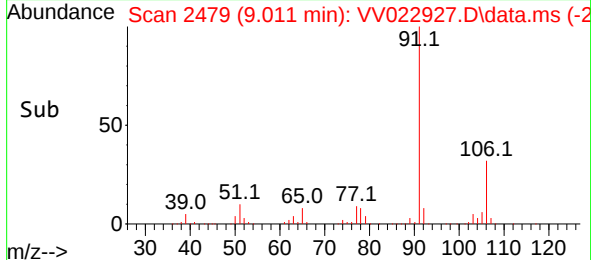
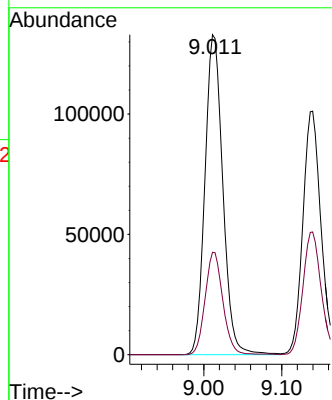
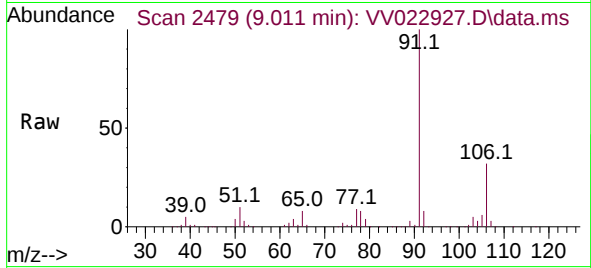




#52
Ethylbenzene
Concen: 5.015 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

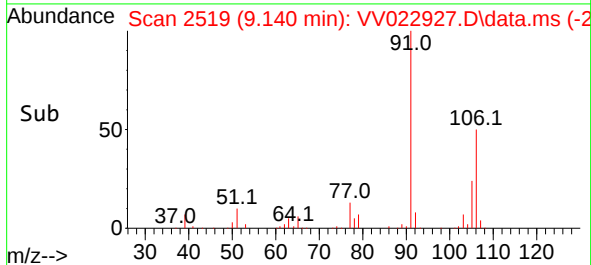
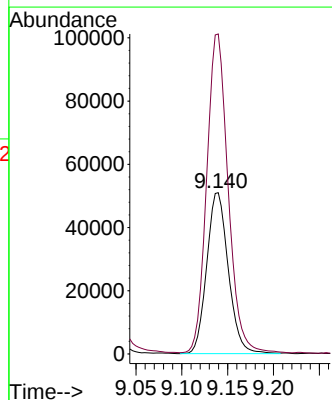
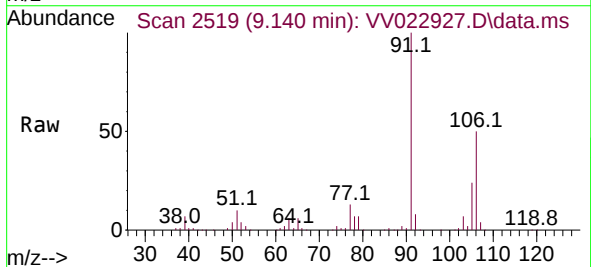
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

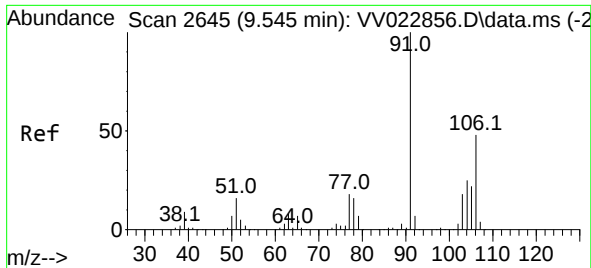
Tgt Ion: 91 Resp: 211978
Ion Ratio Lower Upper
91 100
106 32.0 21.6 40.2



#53
m,p-xylene
Concen: 5.029 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion: 106 Resp: 83411
Ion Ratio Lower Upper
106 100
91 198.3 138.7 257.5

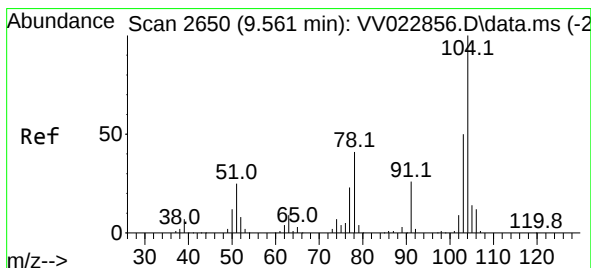
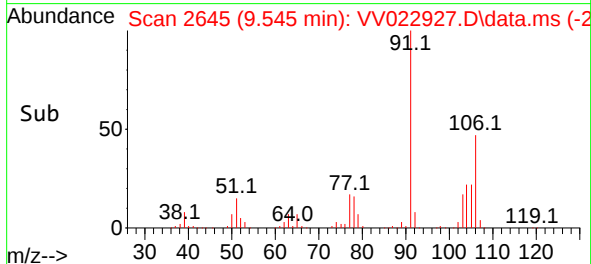
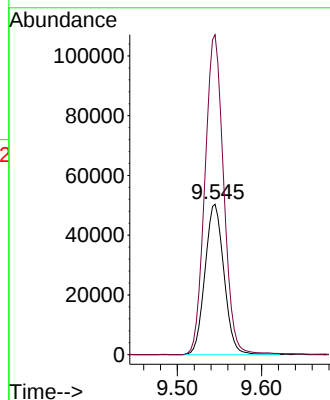
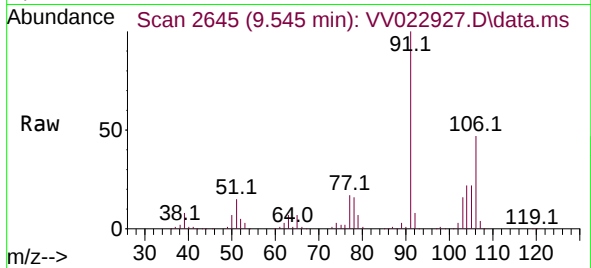




#54
o-xylene
Concen: 5.074 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

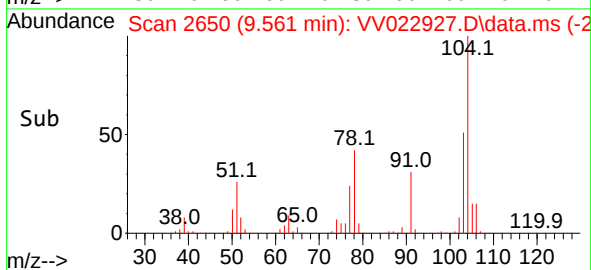
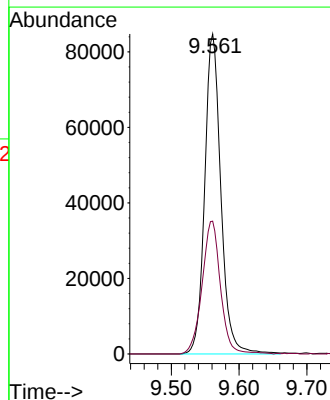
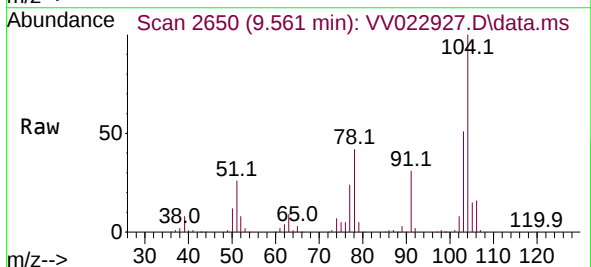
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

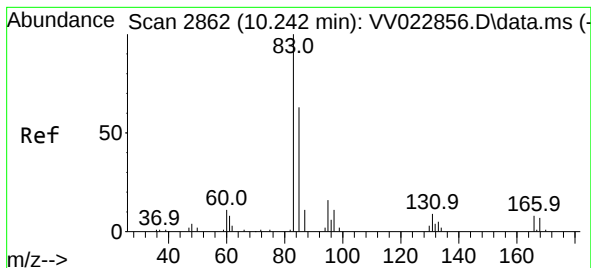
Tgt Ion:106 Resp: 79185
Ion Ratio Lower Upper
106 100
91 212.7 151.1 280.7



#55
Styrene
Concen: 5.223 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion:104 Resp: 140445
Ion Ratio Lower Upper
104 100
78 41.5 29.5 54.7



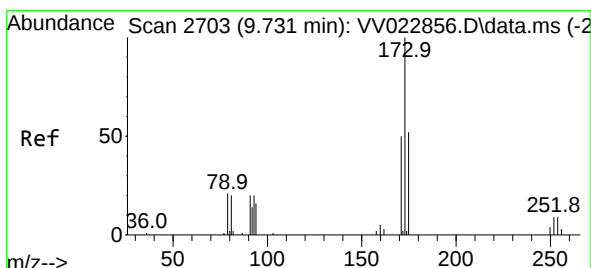
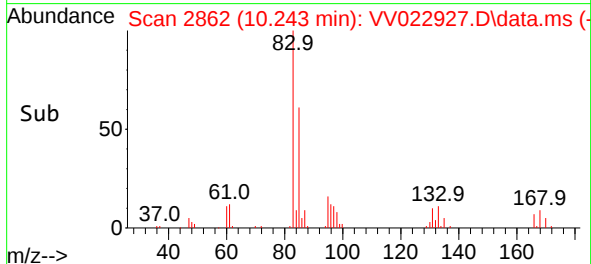
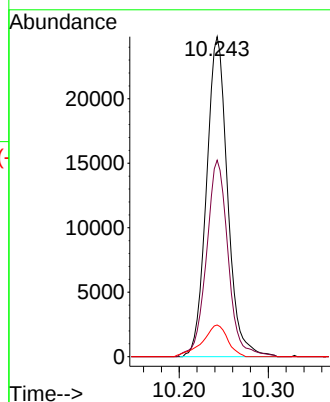
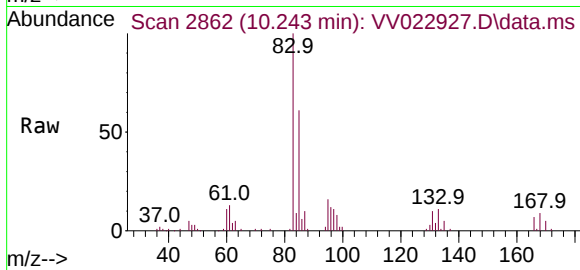


#57

1,1,2,2-Tetrachloroethane
Concen: 5.500 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

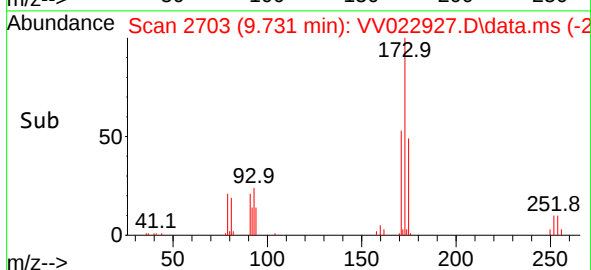
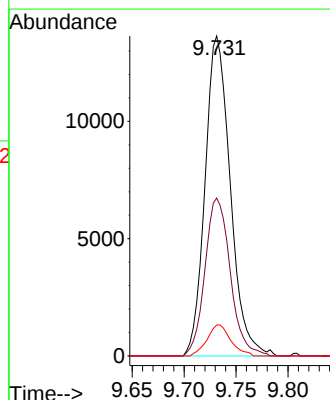
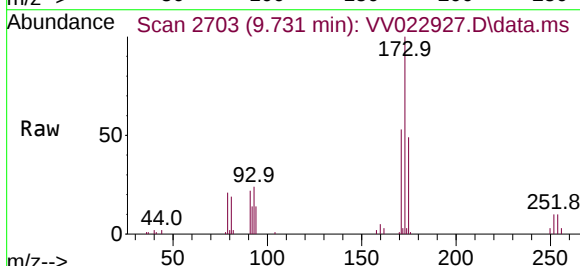
Tgt Ion:	83	Resp:	40727
Ion	Ratio	Lower	Upper
83	100		
85	61.4	46.0	85.4
131	9.9	8.4	12.6

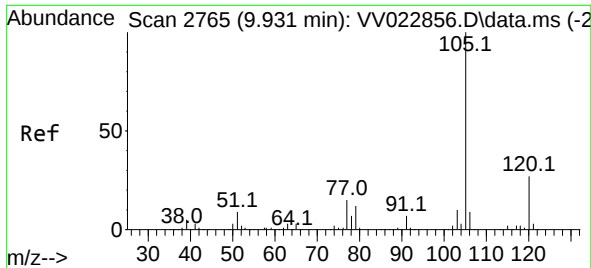


#59

Bromoform
Concen: 4.768 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion:	173	Resp:	23068
Ion	Ratio	Lower	Upper
173	100		
175	49.6	38.3	57.5
254	9.2	7.1	10.7

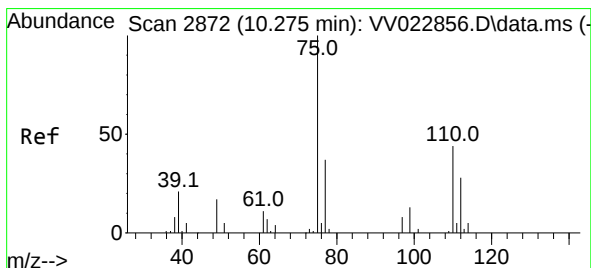
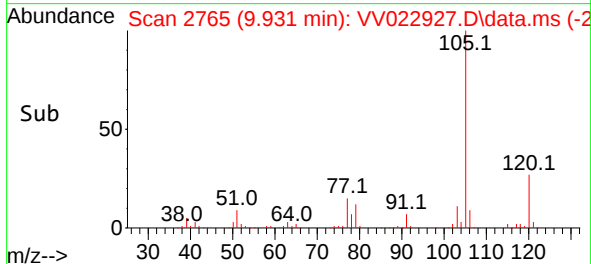
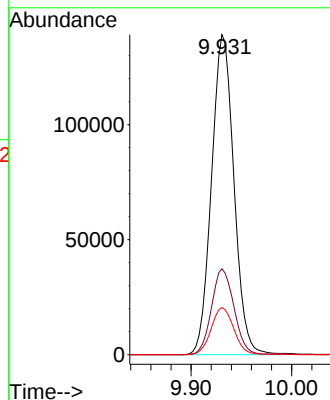
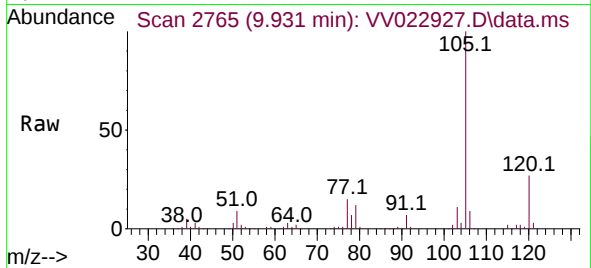




#60
Isopropylbenzene
Concen: 4.906 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

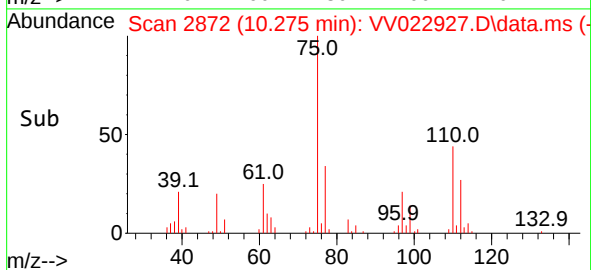
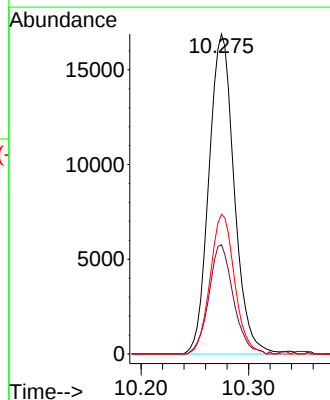
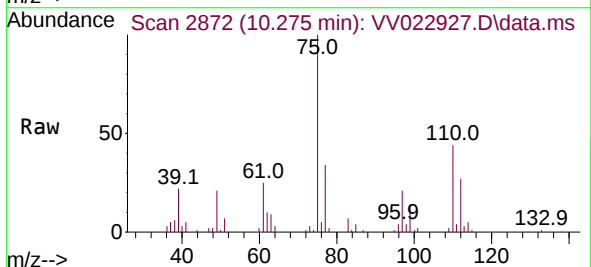
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

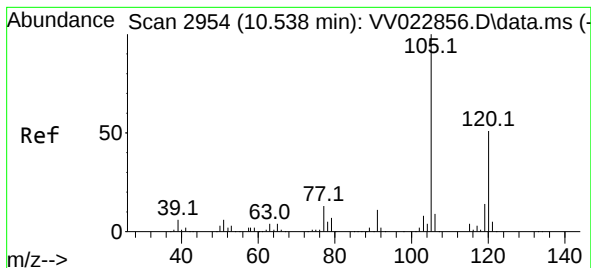
Tgt Ion:105 Resp: 215240
Ion Ratio Lower Upper
105 100
120 26.9 21.8 32.8
77 14.9 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.592 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion: 75 Resp: 27557
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.2
110 42.1 34.2 51.4





#62

1,3,5-Trimethylbenzene

Concen: 4.730 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV022927.D

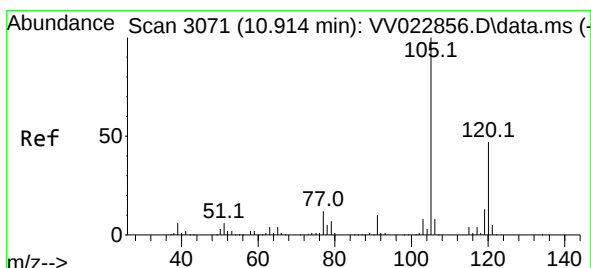
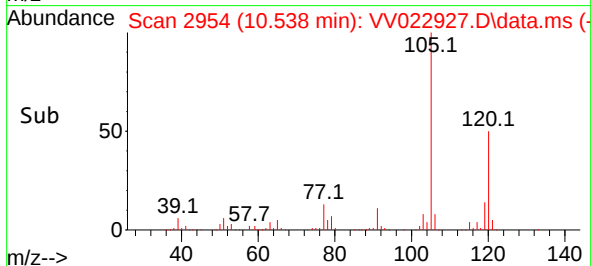
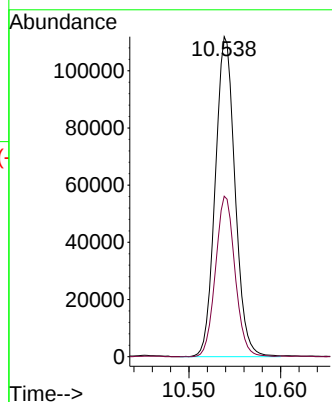
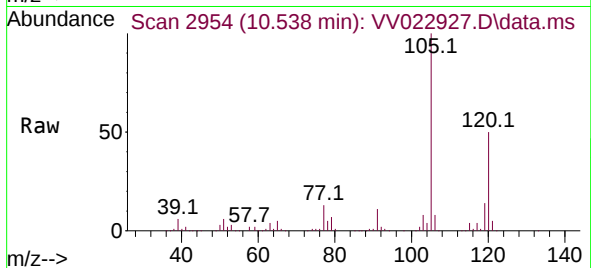
Acq: 20 Oct 2021 11:52

Tgt Ion:105 Resp: 167664

Ion Ratio Lower Upper

105 100

120 49.4 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 4.975 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV022927.D

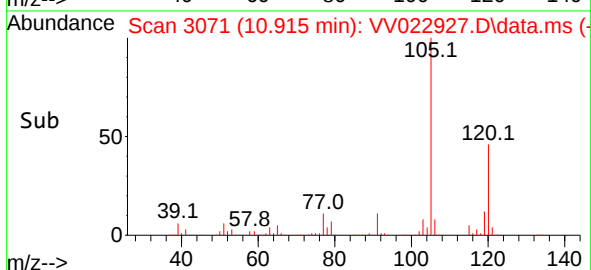
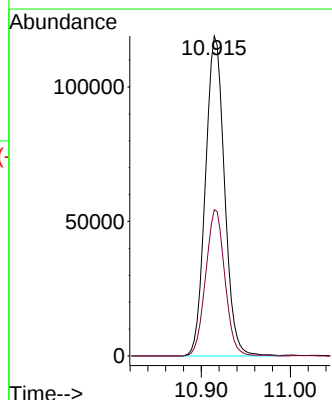
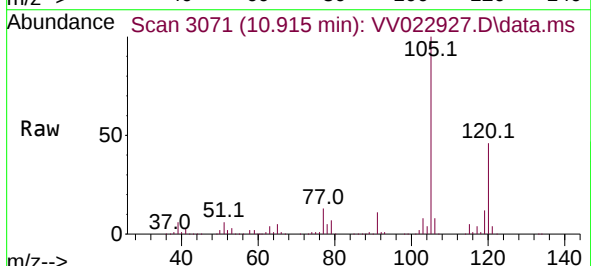
Acq: 20 Oct 2021 11:52

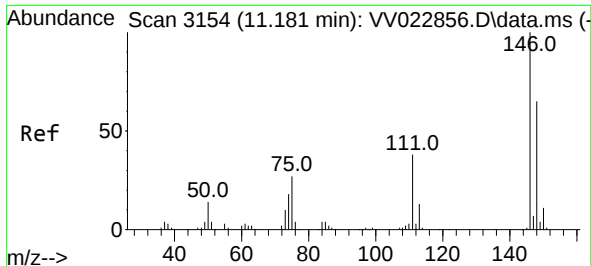
Tgt Ion:105 Resp: 176487

Ion Ratio Lower Upper

105 100

120 46.0 37.3 55.9

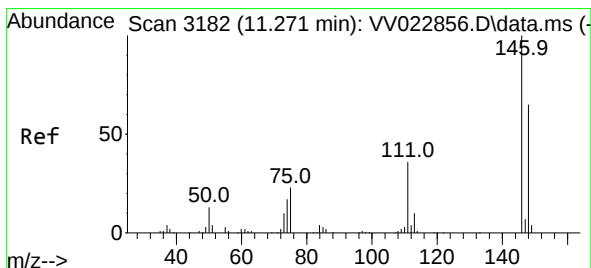
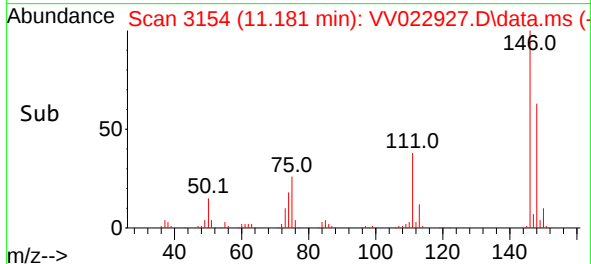
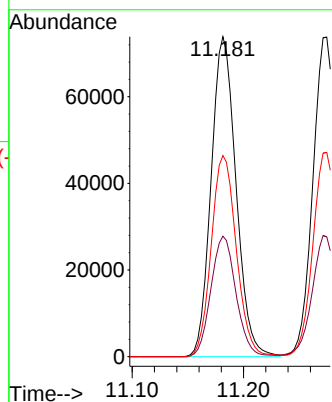
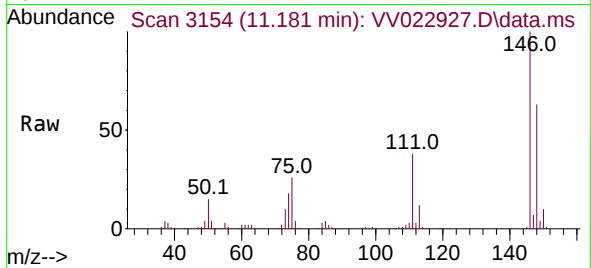




#64
1,3-Dichlorobenzene
Concen: 4.980 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

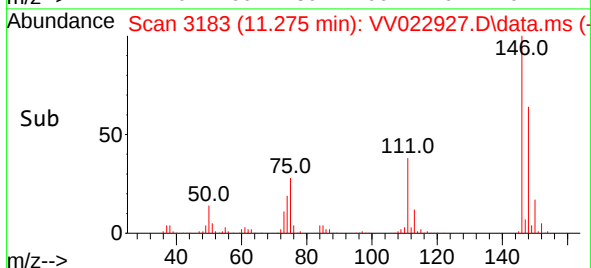
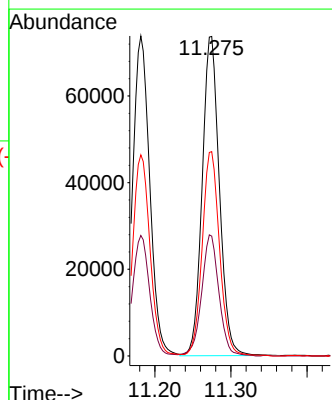
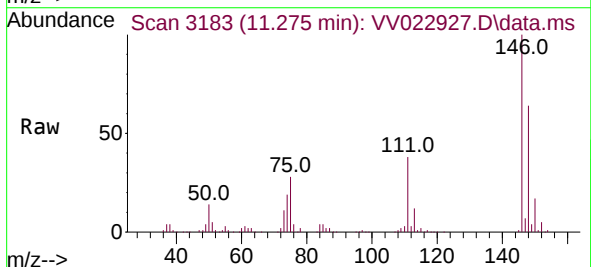
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

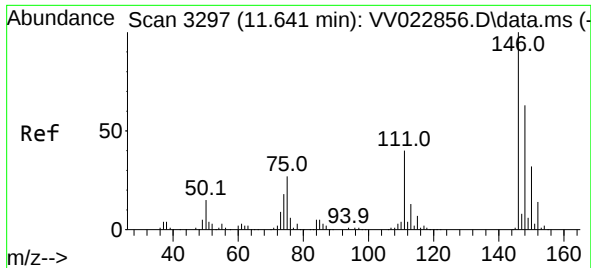
Tgt Ion:146 Resp: 114666
Ion Ratio Lower Upper
146 100
111 37.6 26.7 49.5
148 62.8 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 4.951 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion:146 Resp: 115752
Ion Ratio Lower Upper
146 100
111 37.5 25.6 47.4
148 63.9 44.9 83.5

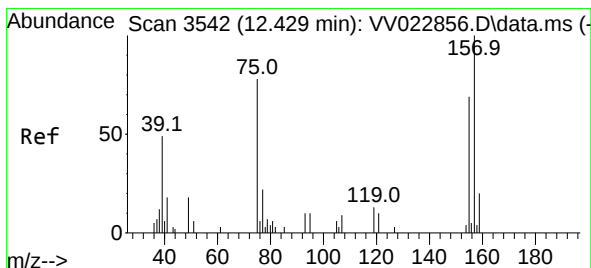
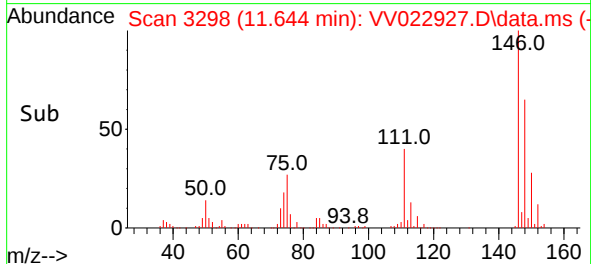
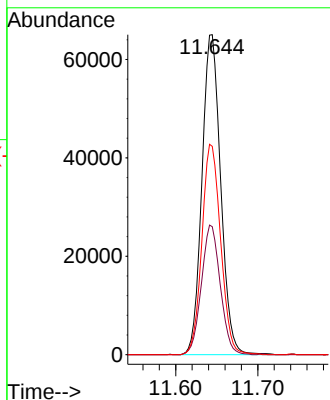
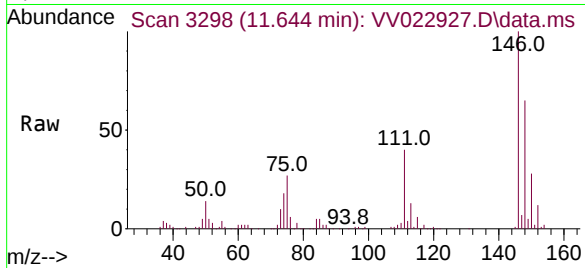




#67
1,2-Dichlorobenzene
Concen: 4.781 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

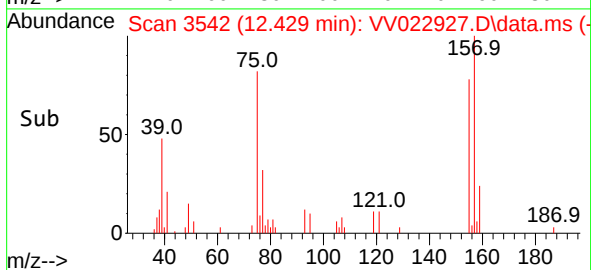
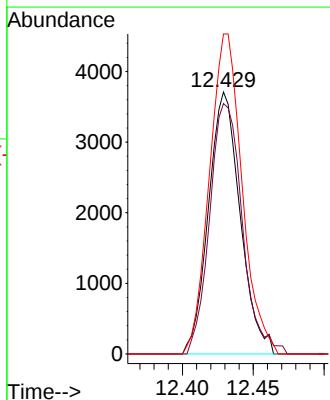
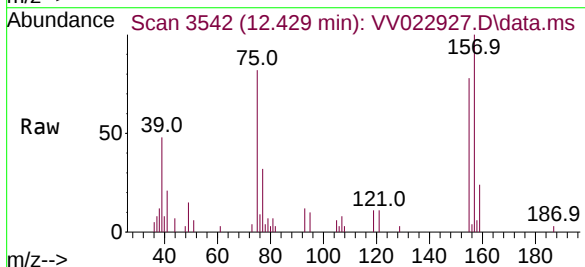
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

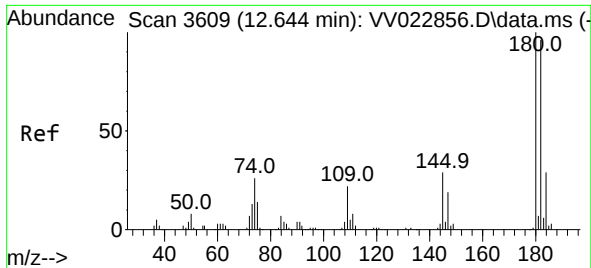
Tgt Ion:146 Resp: 103272
Ion Ratio Lower Upper
146 100
111 40.0 32.3 48.5
148 65.1 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.288 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.003 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion: 75 Resp: 5776
Ion Ratio Lower Upper
75 100
155 95.6 82.4 123.6
157 122.2 114.1 171.1

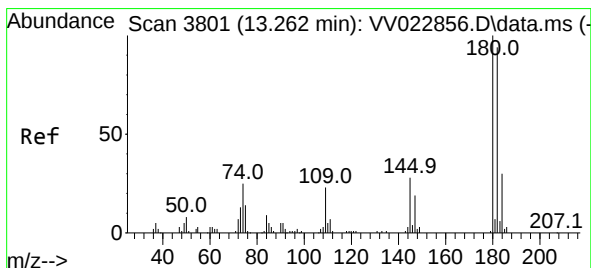
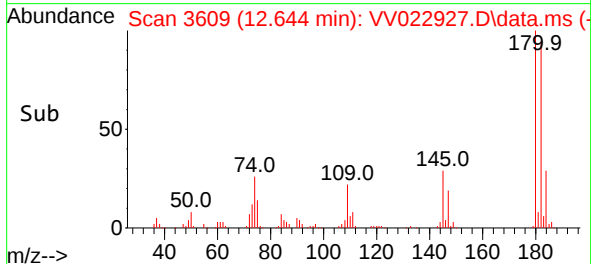
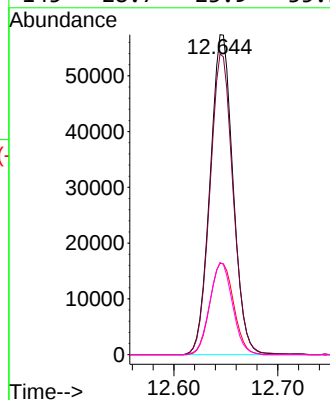
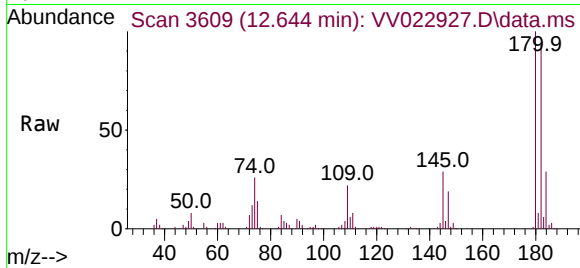




#69
1,3,5-Trichlorobenzene
Concen: 5.060 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

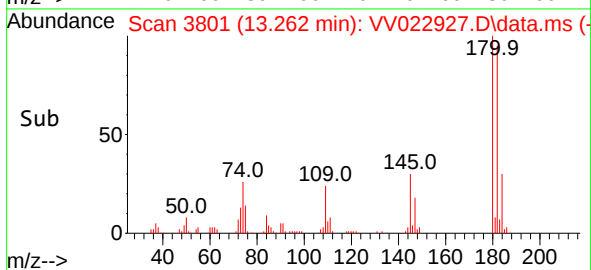
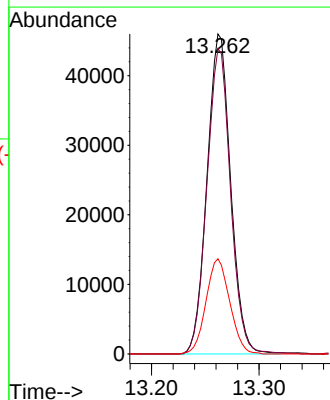
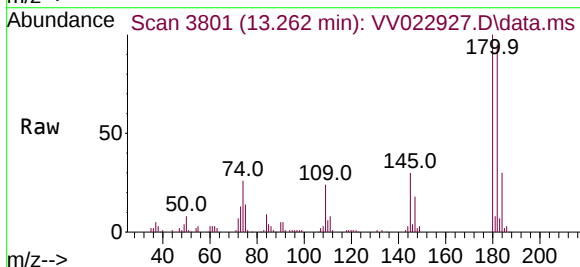
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

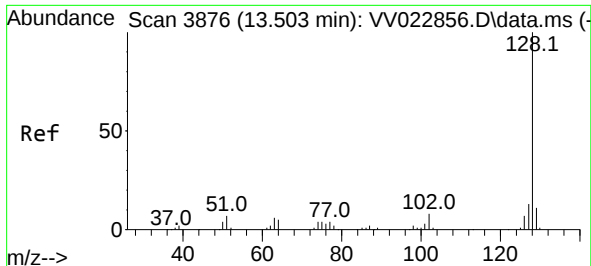
Tgt Ion:	180	Resp:	87761
Ion Ratio	Lower	Upper	
180	100		
182	95.2	77.0	115.6
184	29.7	24.5	36.7
145	28.7	23.9	35.9



#70
1,2,4-trichlorobenzene
Concen: 5.310 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.003 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion:	180	Resp:	70364
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.0	114.0
145	29.8	24.1	36.1

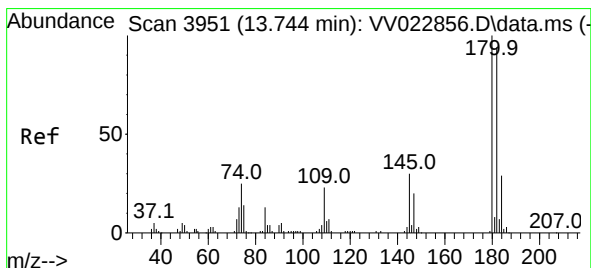
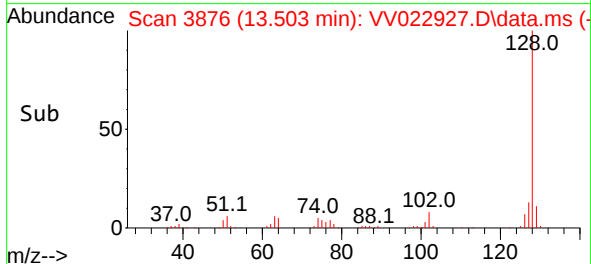
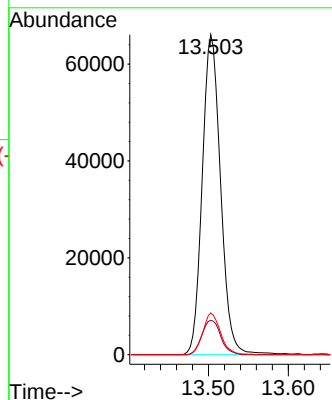
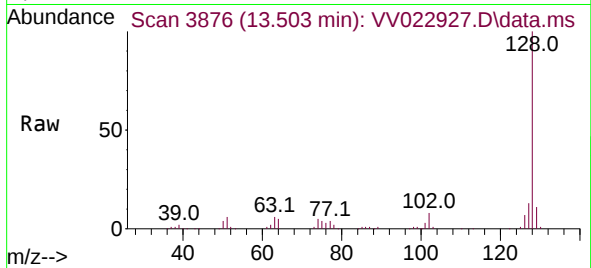




#71
Naphthalene
Concen: 5.013 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

Tgt Ion:128 Resp: 105574
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 12.6 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.201 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022927.D
Acq: 20 Oct 2021 11:52

Tgt Ion:180 Resp: 64978
Ion Ratio Lower Upper
180 100
182 95.2 75.5 113.3
145 30.6 24.7 37.1

