

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082321\
 Data File : VV021926.D
 Acq On : 23 Aug 2021 09:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050313

Quant Time: Aug 24 02:09:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 21 00:50:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	420487	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	394912	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	214074	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	124492	37.872	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.740%
7) Chloroethane-d5	1.548	69	95352	38.439	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.880%
11) 1,1-Dichloroethene-d2	2.101	63	209690	40.074	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.140%
21) 2-Butanone-d5	3.870	46	165472	80.937	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.940%
24) Chloroform-d	4.342	84	232606	40.842	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.680%
26) 1,2-Dichloroethane-d4	5.027	65	131775	40.225	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.440%
32) Benzene-d6	5.047	84	462337	40.712	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.420%
36) 1,2-Dichloropropane-d6	6.066	67	142047	40.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.340%
41) Toluene-d8	7.313	98	435162	41.458	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.920%
43) trans-1,3-Dichloroprop...	7.622	79	69625	40.004	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.000%
47) 2-Hexanone-d5	8.085	63	99934	86.219	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.220%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	191703	43.743	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.480%
66) 1,2-Dichlorobenzene-d4	11.625	152	176457	39.829	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.660%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	139896	43.004	ug/L	99
3) Chloromethane	1.240	50	149953	44.386	ug/L	100
5) Vinyl chloride	1.307	62	146673	44.090	ug/L	98
6) Bromomethane	1.497	94	64001	32.008	ug/L	99
8) Chloroethane	1.568	64	88800	44.670	ug/L	100
9) Trichlorofluoromethane	1.741	101	202694	44.470	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	118683	45.479	ug/L	98
12) 1,1-Dichloroethene	2.111	96	111125	44.707	ug/L	90
13) Acetone	2.156	43	201625	119.857	ug/L #	100
14) Carbon disulfide	2.285	76	368531	44.065	ug/L	100
15) Methyl Acetate	2.423	43	150379	48.660	ug/L	98
16) Methylene chloride	2.500	84	146546	42.386	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	135942	46.608	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	420644	46.894	ug/L	99
19) 1,1-Dichloroethane	3.182	63	238336	45.905	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	147991	43.817	ug/L	99
22) 2-Butanone	3.950	43	246154	100.476	ug/L	99
23) Bromochloromethane	4.240	128	78172	43.625	ug/L	97
25) Chloroform	4.368	83	245170	43.886	ug/L	100

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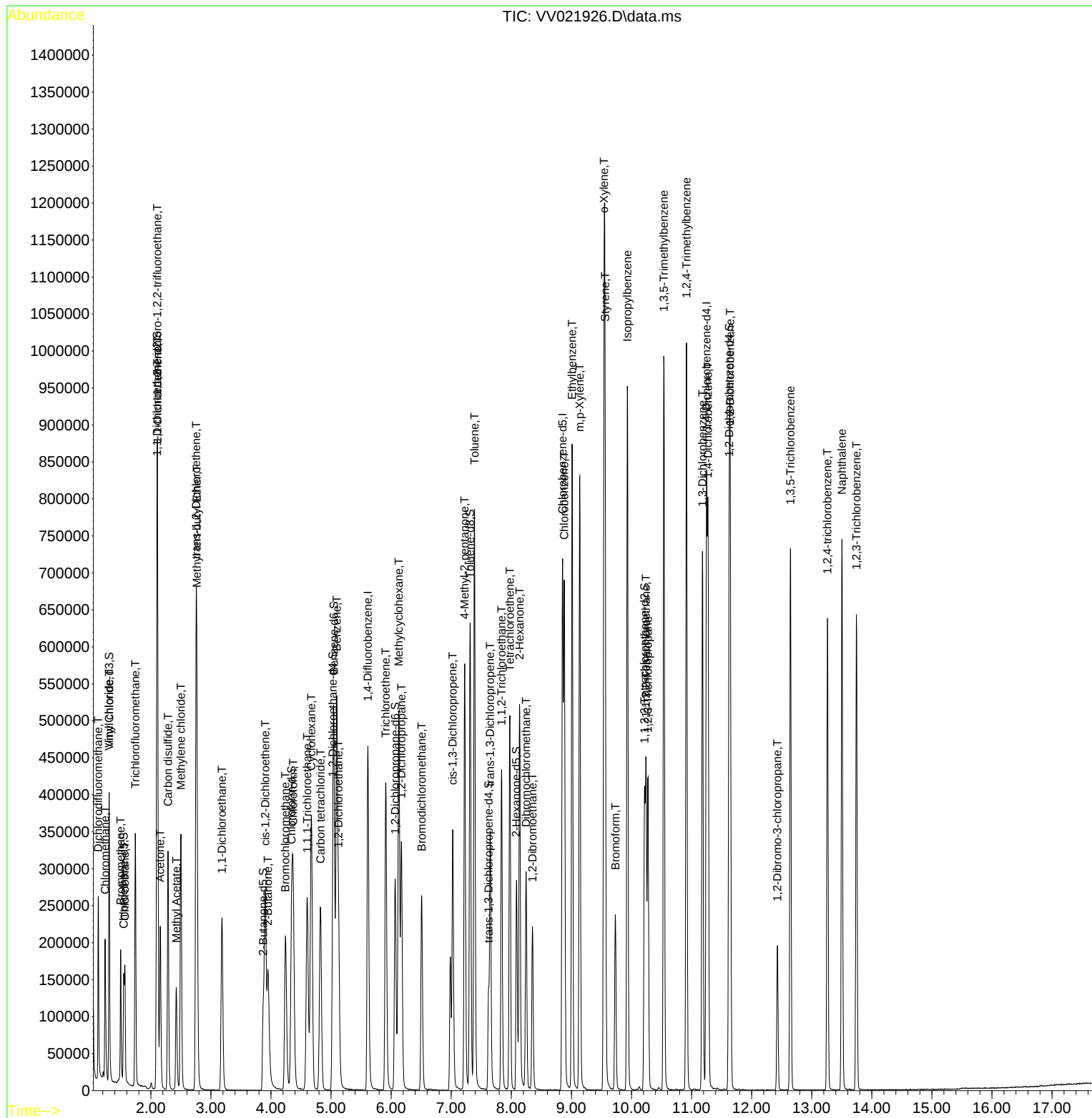
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	170023	43.195	ug/L	100
29) Cyclohexane	4.670	56	210458	43.271	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	217706	44.056	ug/L	98
31) Carbon tetrachloride	4.825	117	190633	44.583	ug/L	99
33) Benzene	5.095	78	539097	44.361	ug/L	100
34) Trichloroethene	5.908	95	148124	42.415	ug/L	99
35) Methylcyclohexane	6.127	83	224796	44.121	ug/L	100
37) 1,2-Dichloropropane	6.172	63	134942	43.852	ug/L	99
38) Bromodichloromethane	6.506	83	177837	43.848	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	216954	44.525	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	373573	88.255	ug/L	99
42) Toluene	7.387	91	578235	44.550	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	204388	44.510	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	139248	45.172	ug/L	98
46) Tetrachloroethene	7.976	164	118511	45.662	ug/L	99
48) 2-Hexanone	8.137	43	311738	95.076	ug/L	98
49) Dibromochloromethane	8.246	129	152585	44.832	ug/L	98
50) 1,2-Dibromoethane	8.352	107	148652	44.313	ug/L	99
51) Chlorobenzene	8.883	112	376539	44.432	ug/L	99
52) Ethylbenzene	9.011	91	617905	44.623	ug/L	99
53) m,p-Xylene	9.140	106	243731	45.417	ug/L	99
54) o-Xylene	9.545	106	234675	44.115	ug/L	99
55) Styrene	9.561	104	408849	45.897	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	210512	49.055	ug/L	98
59) Bromoform	9.731	173	110989	43.614	ug/L	99
60) Isopropylbenzene	9.931	105	626794	43.672	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	171101	43.250	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	529009	43.923	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	544577	44.470	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	307860	44.294	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	308725	44.500	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	309086	44.083	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	43876	45.616	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	232922	46.232	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	197520	46.746	ug/L	99
71) Naphthalene	13.503	128	578091	47.100	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	196743	46.350	ug/L	100

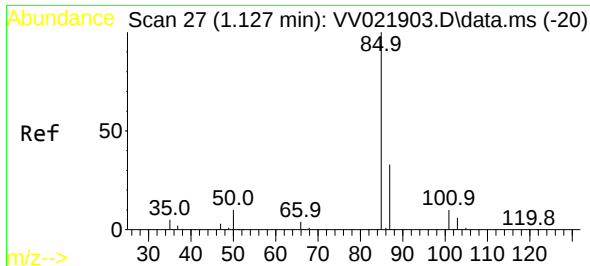
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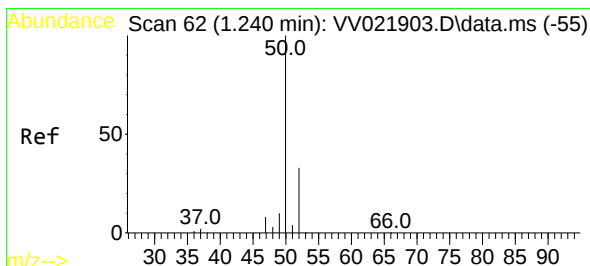
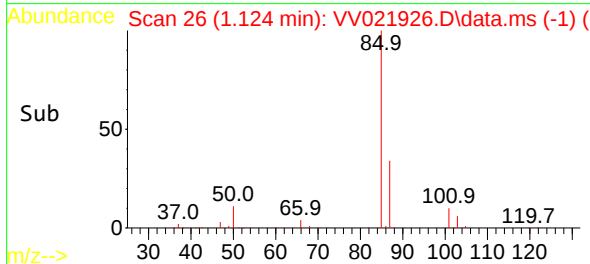
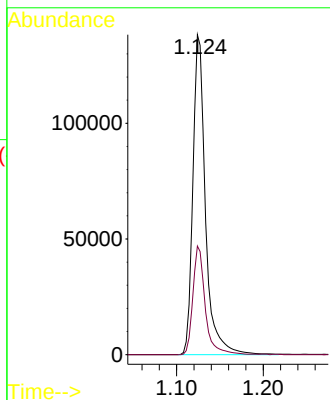
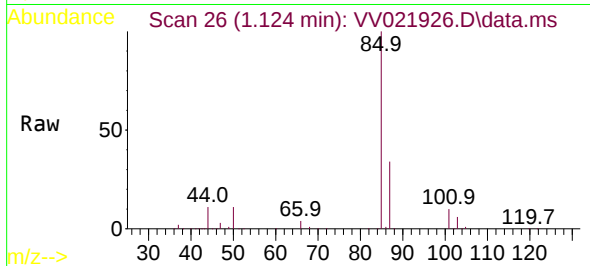




#2
 Dichlorodifluoromethane
 Concen: 43.004 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.003 min
 Lab File: VV021926.D
 Acq: 23 Aug 2021 09:28

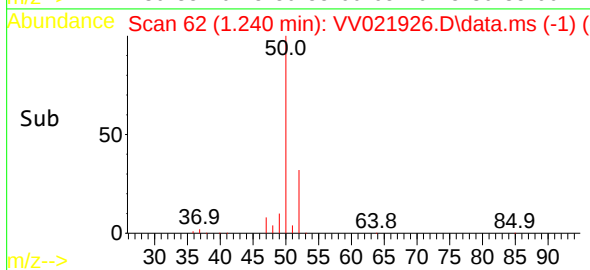
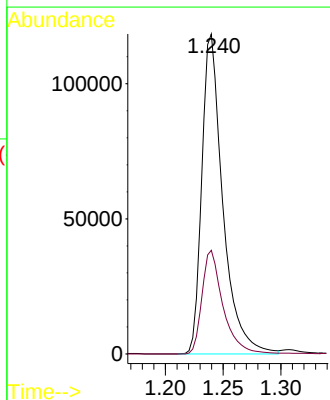
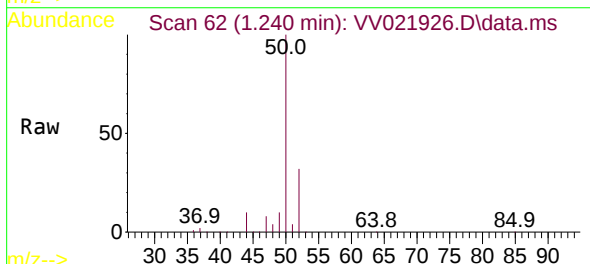
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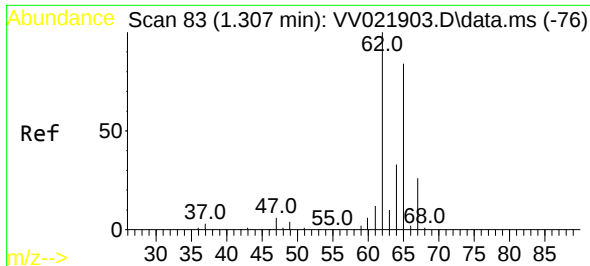
Tgt Ion: 85 Resp: 139896
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.1 39.1



#3
 Chloromethane
 Concen: 44.386 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021926.D
 Acq: 23 Aug 2021 09:28

Tgt Ion: 50 Resp: 149953
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.7 42.1

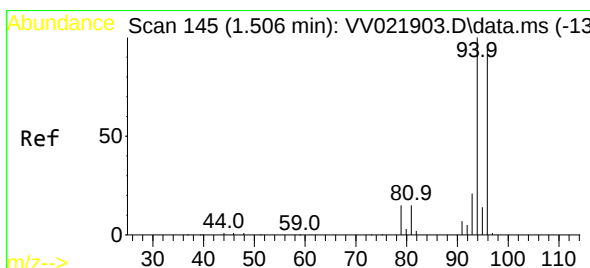
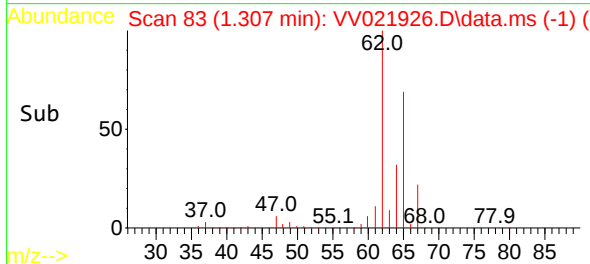
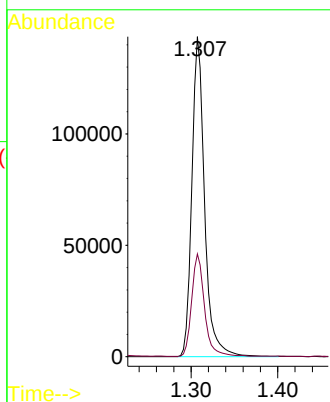
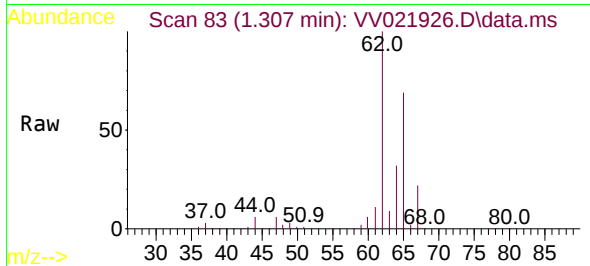




#5
 Vinyl chloride
 Concen: 44.090 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV021926.D
 Acq: 23 Aug 2021 09:28

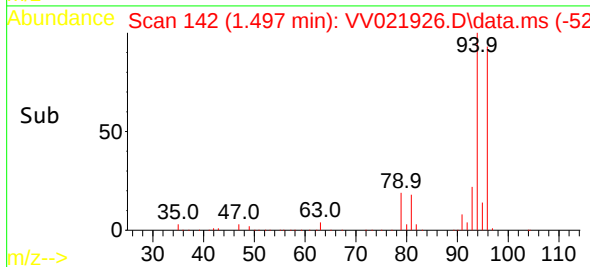
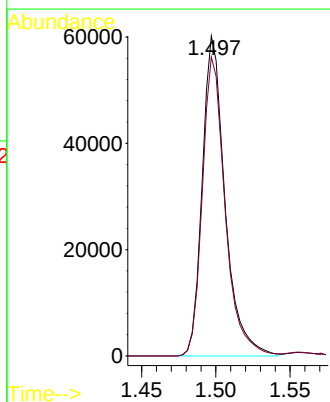
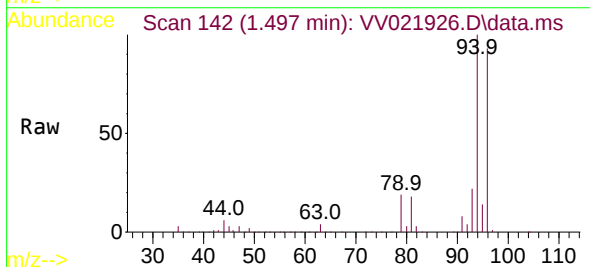
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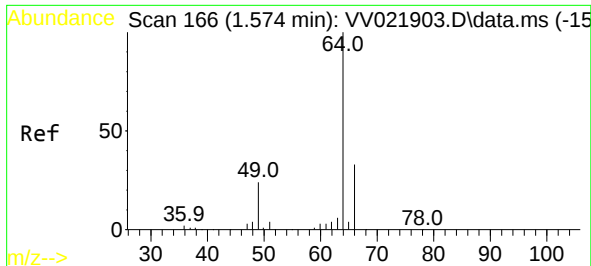
Tgt Ion: 62 Resp: 146673
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.4 43.4



#6
 Bromomethane
 Concen: 32.008 ug/L
 RT: 1.497 min Scan# 142
 Delta R.T. -0.010 min
 Lab File: VV021926.D
 Acq: 23 Aug 2021 09:28

Tgt Ion: 94 Resp: 64001
 Ion Ratio Lower Upper
 94 100
 96 93.4 64.8 120.3

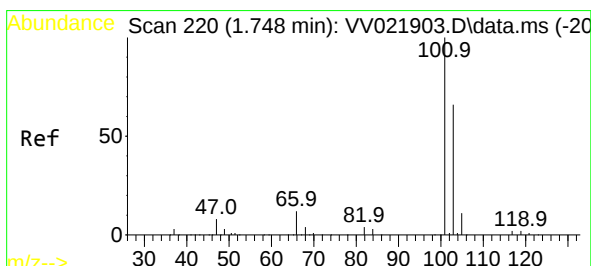
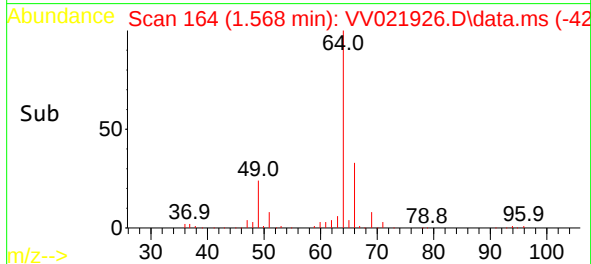
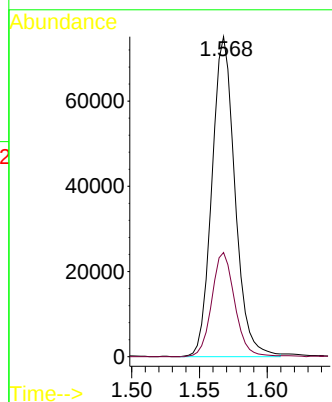
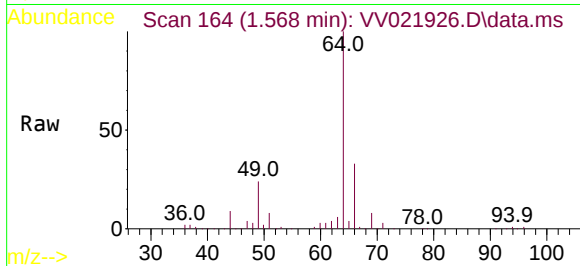




#8
Chloroethane
Concen: 44.670 ug/L
RT: 1.568 min Scan# 164
Delta R.T. -0.006 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

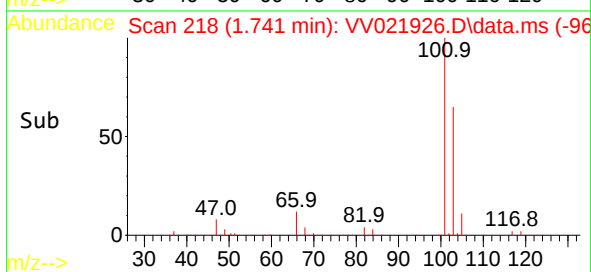
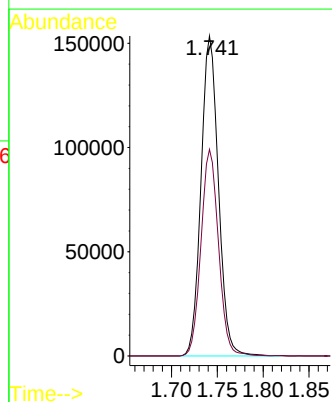
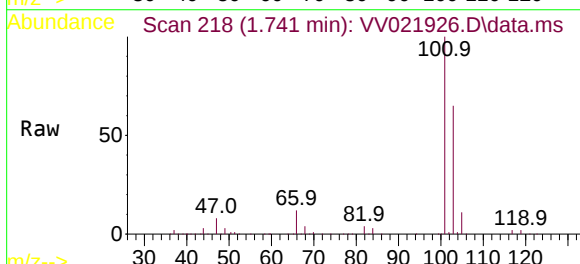
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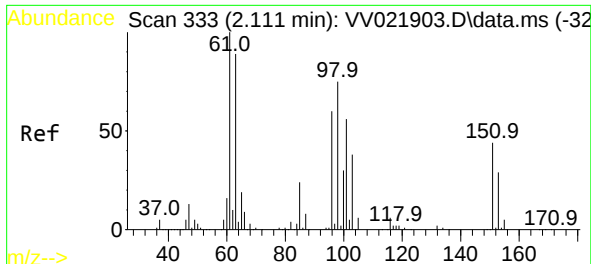
Tgt Ion: 64 Resp: 88800
Ion Ratio Lower Upper
64 100
66 32.5 22.6 42.0



#9
Trichlorofluoromethane
Concen: 44.470 ug/L
RT: 1.741 min Scan# 218
Delta R.T. -0.006 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion:101 Resp: 202694
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.8

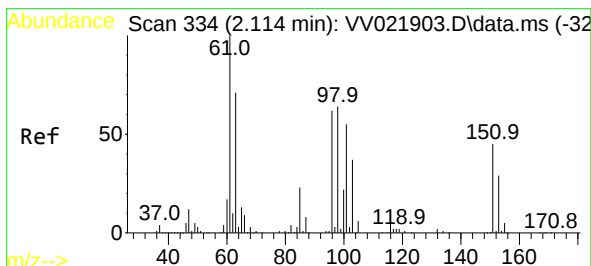
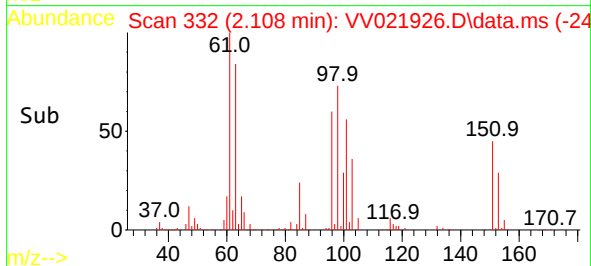
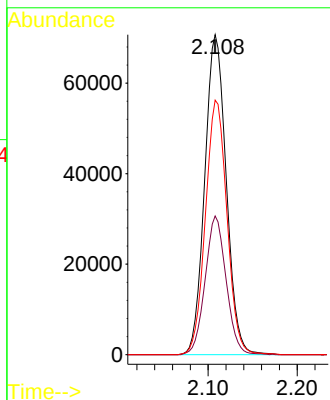
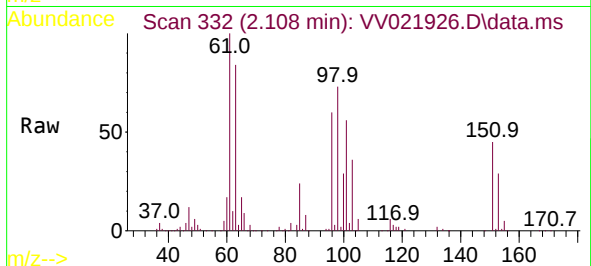




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.479 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.003 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

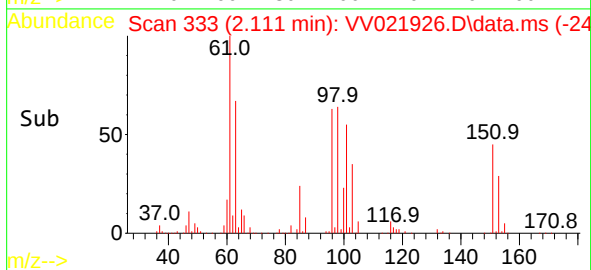
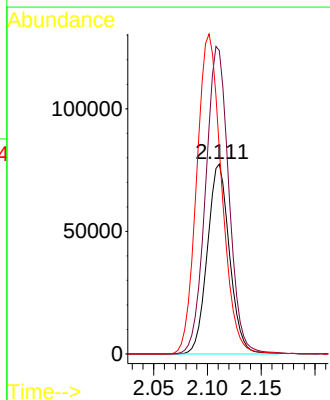
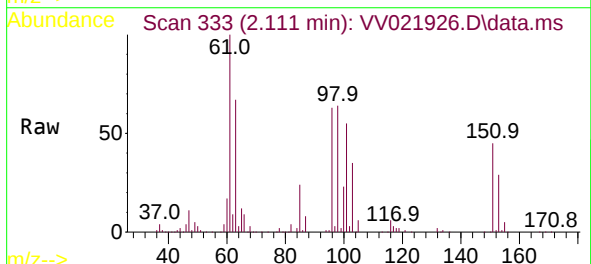
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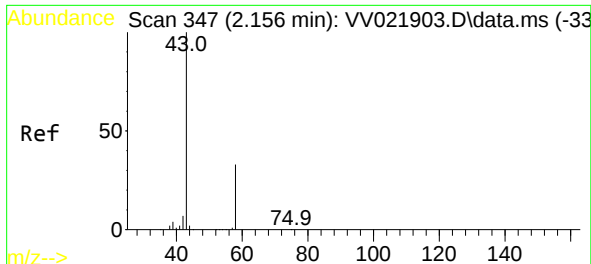
Tgt Ion:101 Resp: 118683
Ion Ratio Lower Upper
101 100
85 42.2 33.4 50.2
151 79.7 62.2 93.2



#12
1,1-Dichloroethene
Concen: 44.707 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion: 96 Resp: 111125
Ion Ratio Lower Upper
96 100
61 159.7 115.5 214.5
63 107.7 90.3 167.7

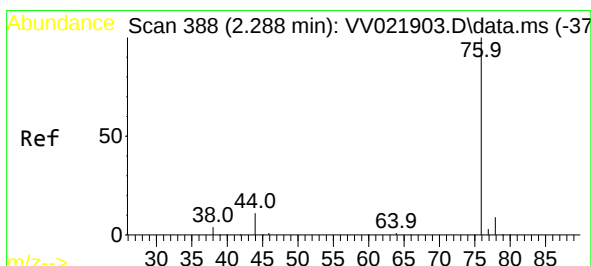
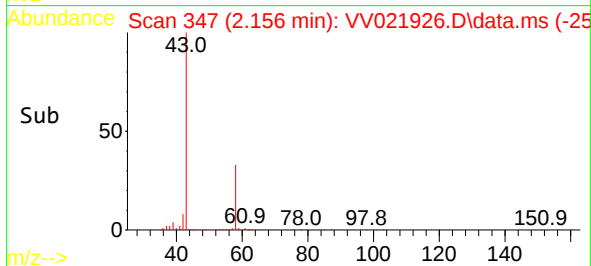
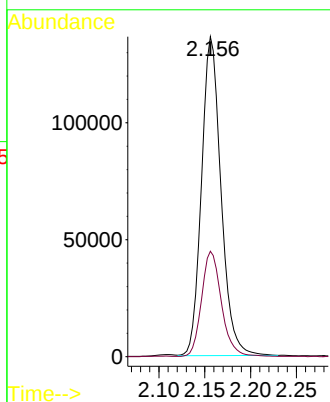
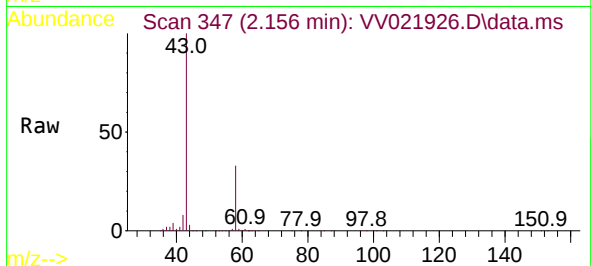




#13
Acetone
Concen: 119.857 ug/L
RT: 2.156 min Scan# 347
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

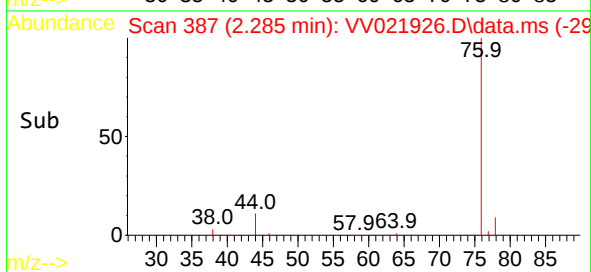
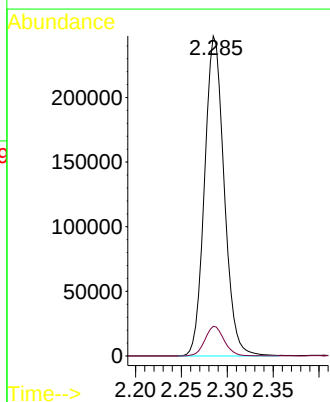
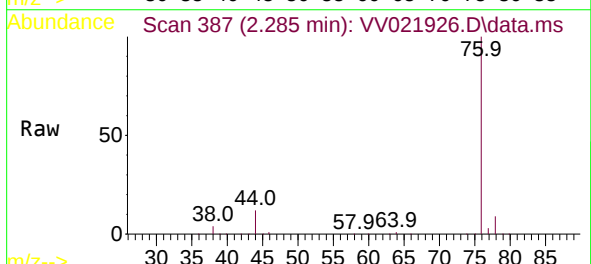
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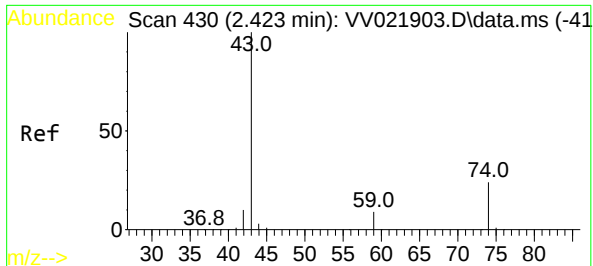
Tgt Ion: 43 Resp: 201625
Ion Ratio Lower Upper
43 100
58 33.5 0.0 0.0#



#14
Carbon disulfide
Concen: 44.065 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.003 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion: 76 Resp: 368531
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

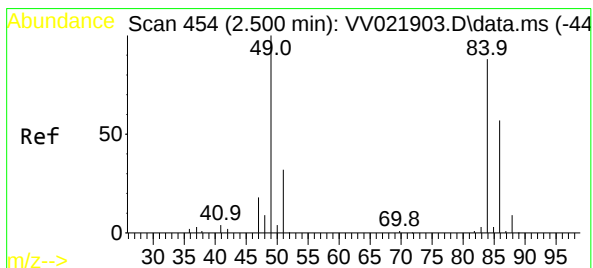
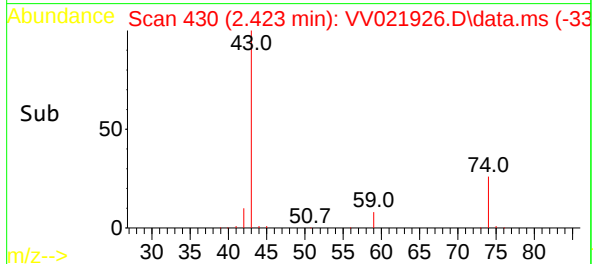
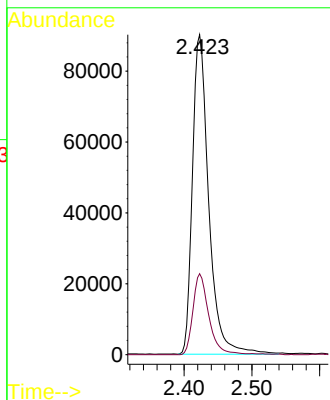
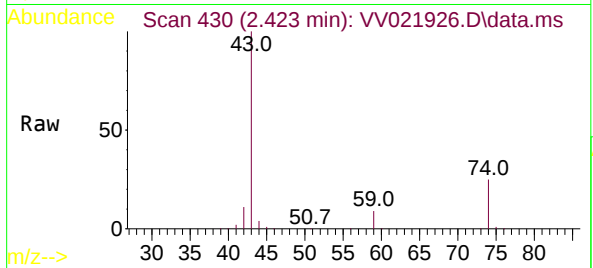




#15
Methyl Acetate
Concen: 48.660 ug/L
RT: 2.423 min Scan# 430
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

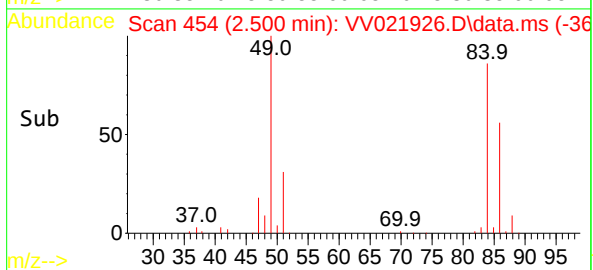
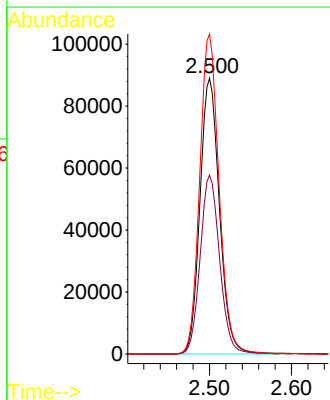
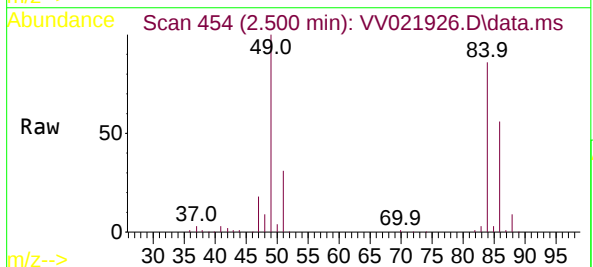
Instrument :
MSVOA_V
ClientSampleId :
VSTD050313

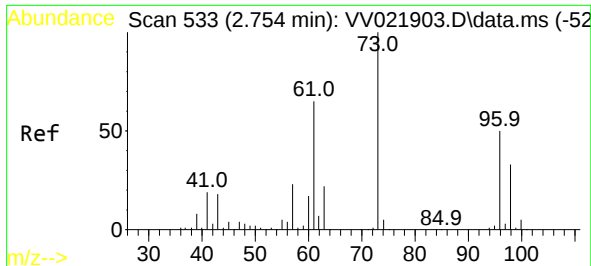
Tgt Ion: 43 Resp: 150379
Ion Ratio Lower Upper
43 100
74 24.6 19.0 28.6



#16
Methylene chloride
Concen: 42.386 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion: 84 Resp: 146546
Ion Ratio Lower Upper
84 100
86 64.8 44.7 83.1
49 116.0 82.5 153.3

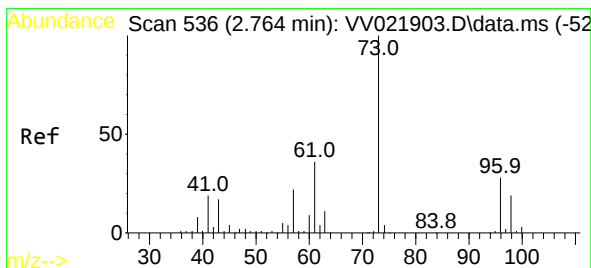
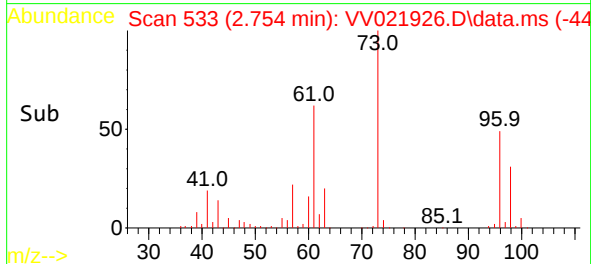
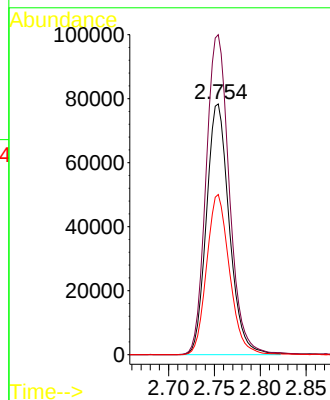
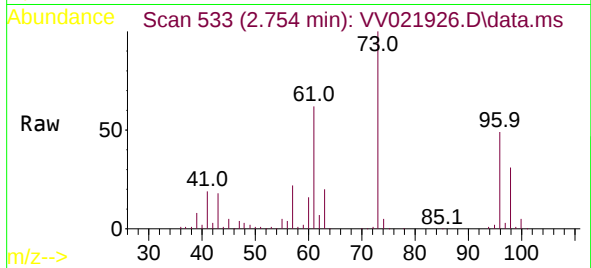




#17
trans-1,2-Dichloroethene
Concen: 46.608 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

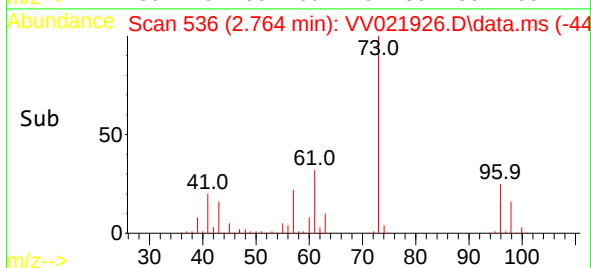
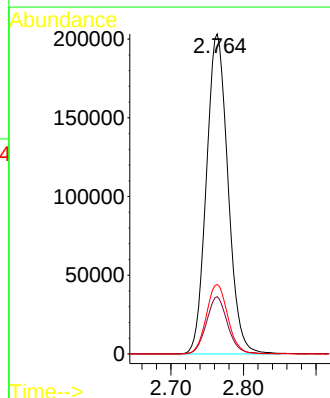
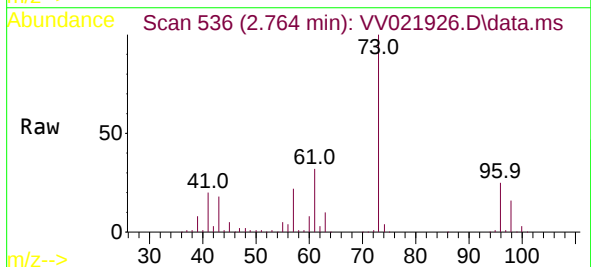
Instrument :
MSVOA_V
ClientSampleId :
VSTD050313

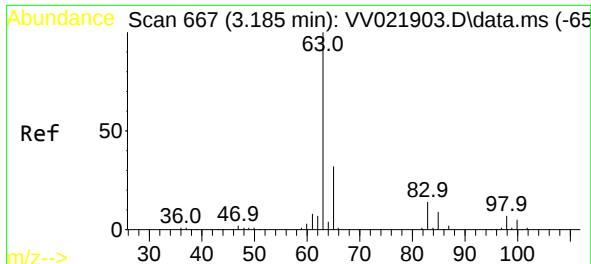
Tgt Ion: 96 Resp: 135942
Ion Ratio Lower Upper
96 100
61 127.7 90.4 168.0
98 63.9 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 46.894 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion: 73 Resp: 420644
Ion Ratio Lower Upper
73 100
43 17.4 14.2 21.4
57 21.7 17.7 26.5





#19

1,1-Dichloroethane

Concen: 45.905 ug/L

RT: 3.182 min Scan# 666

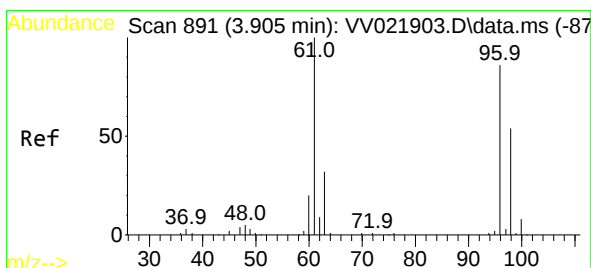
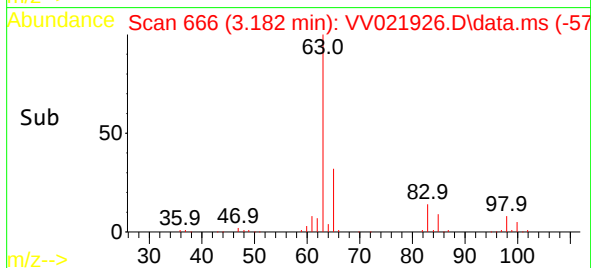
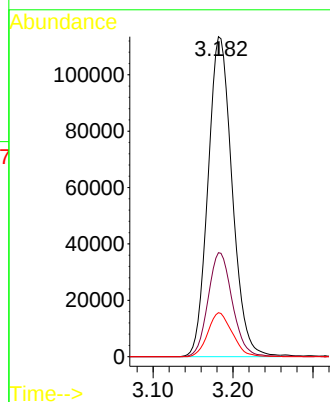
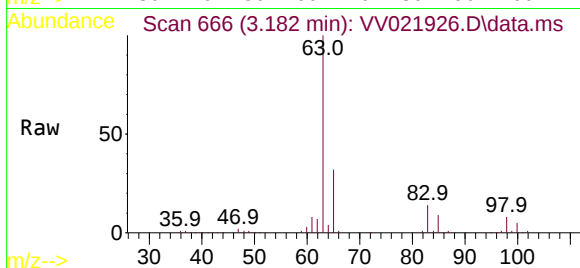
Delta R.T. -0.003 min

Lab File: VV021926.D

Acq: 23 Aug 2021 09:28

Tgt Ion: 63 Resp: 238336

Ion	Ratio	Lower	Upper
63	100		
65	32.5	21.8	40.6
83	13.7	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 43.817 ug/L

RT: 3.905 min Scan# 891

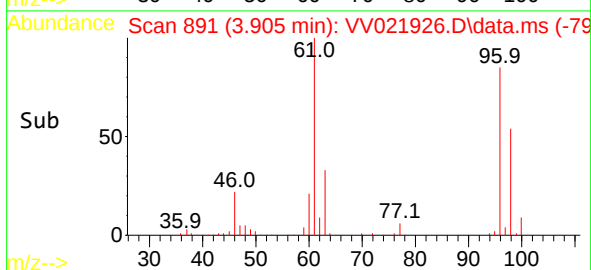
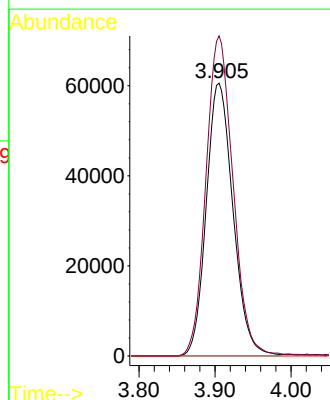
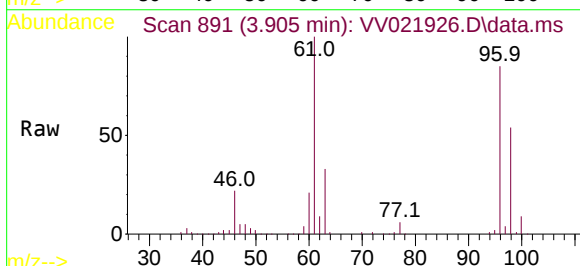
Delta R.T. 0.000 min

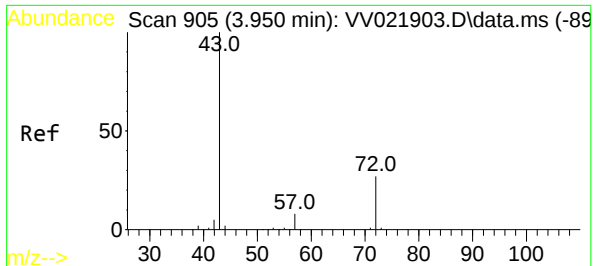
Lab File: VV021926.D

Acq: 23 Aug 2021 09:28

Tgt Ion: 96 Resp: 147991

Ion	Ratio	Lower	Upper
96	100		
61	117.3	81.0	150.4
68	0.0	0.0	0.0

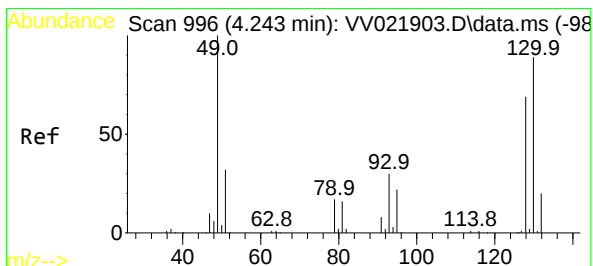
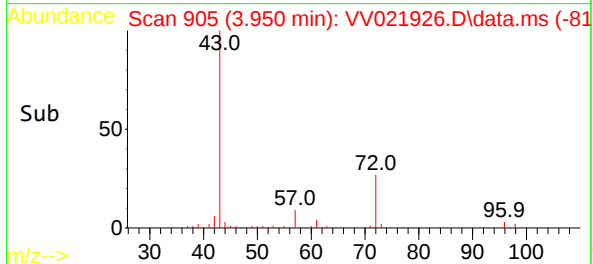
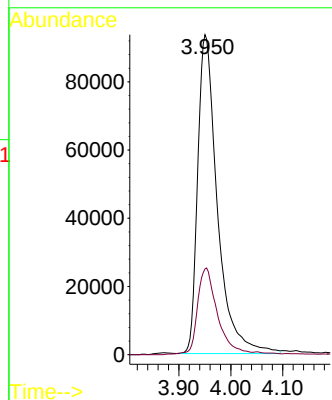
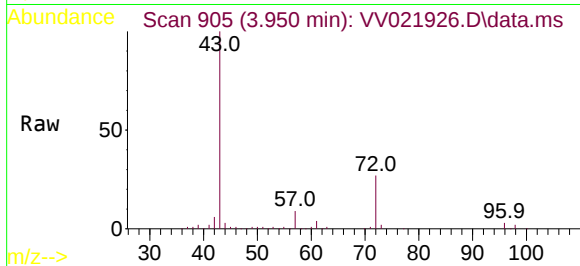




#22
2-Butanone
Concen: 100.476 ug/L
RT: 3.950 min Scan# 905
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

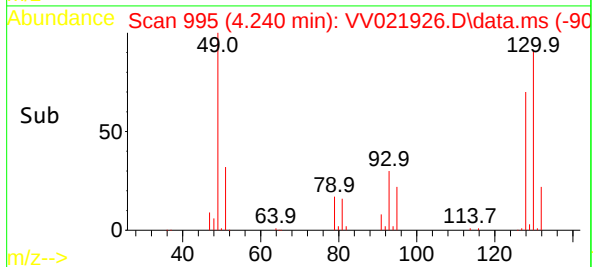
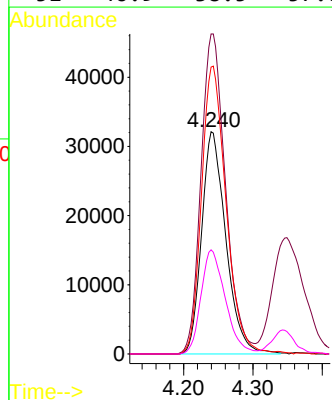
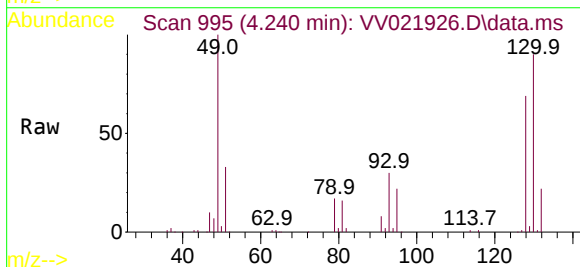
Instrument :
MSVOA_V
ClientSampleId :
VSTD050313

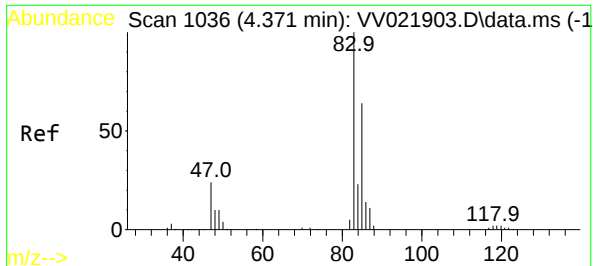
Tgt Ion: 43 Resp: 246154
Ion Ratio Lower Upper
43 100
72 27.5 13.6 40.8



#23
Bromochloromethane
Concen: 43.625 ug/L
RT: 4.240 min Scan# 995
Delta R.T. -0.003 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion: 128 Resp: 78172
Ion Ratio Lower Upper
128 100
49 143.9 105.6 196.0
130 129.1 89.5 166.1
51 46.9 38.5 57.7



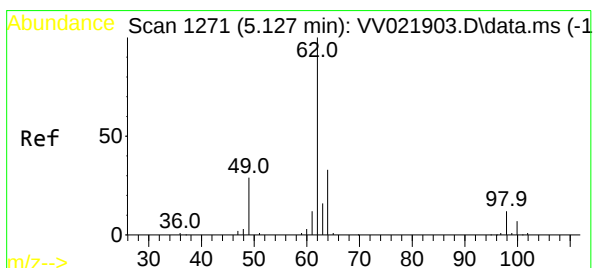
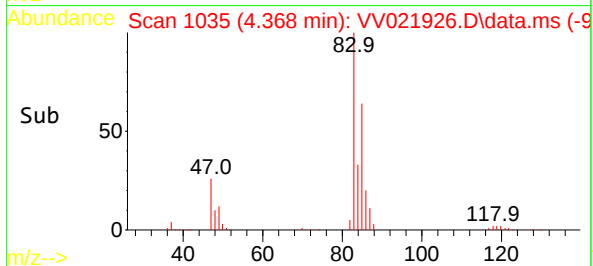
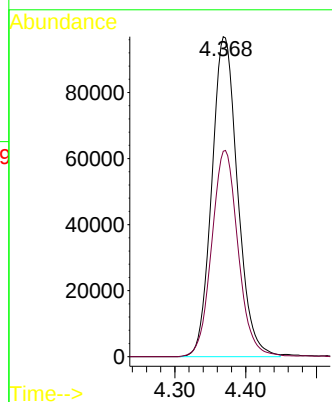
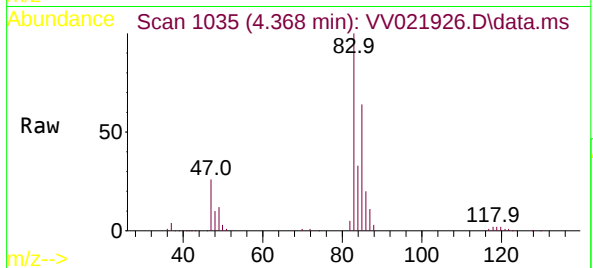


#25

Chloroform
Concen: 43.886 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD050313

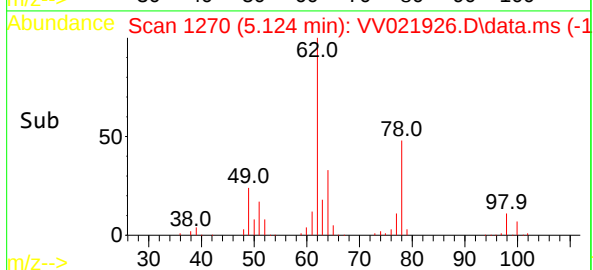
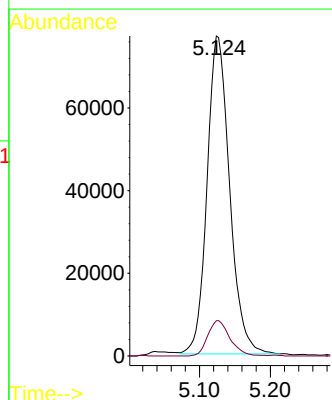
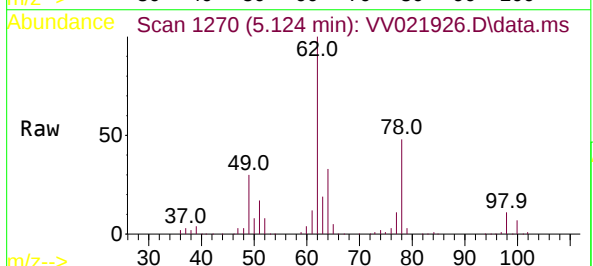
Tgt Ion: 83 Resp: 245170
Ion Ratio Lower Upper
83 100
85 64.2 44.8 83.2

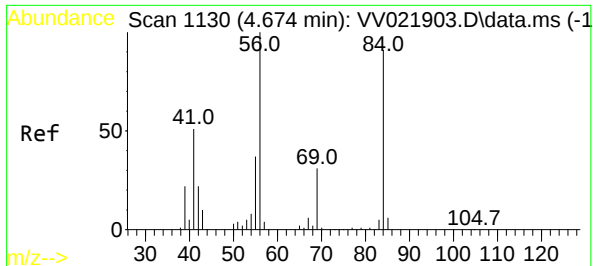


#27

1,2-Dichloroethane
Concen: 43.195 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion: 62 Resp: 170023
Ion Ratio Lower Upper
62 100
98 11.0 8.6 13.0





#29

Cyclohexane

Concen: 43.271 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV021926.D

Acq: 23 Aug 2021 09:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD050313

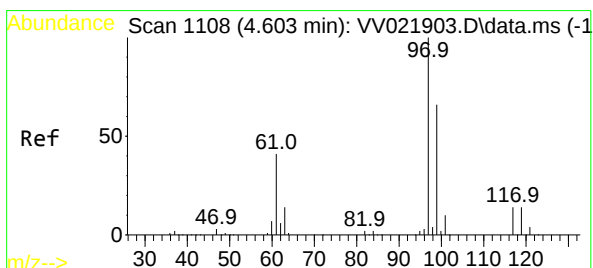
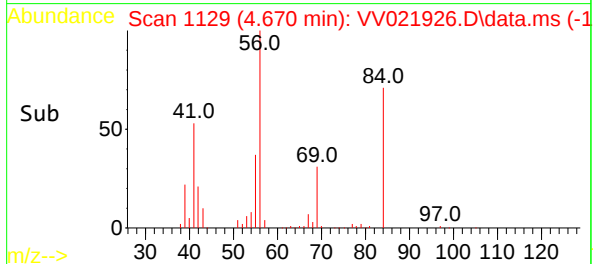
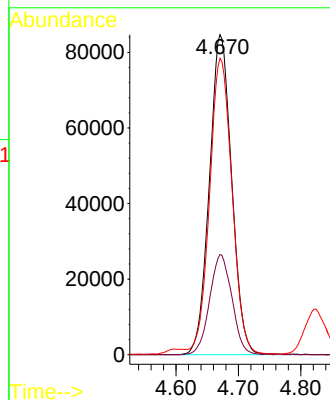
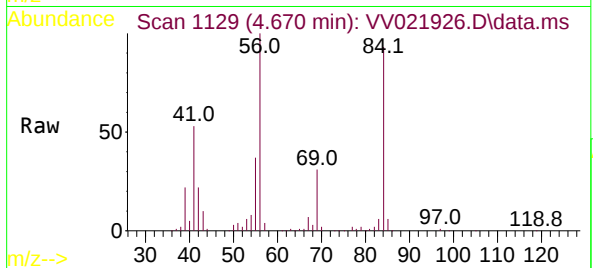
Tgt Ion: 56 Resp: 210458

Ion Ratio Lower Upper

56 100

69 31.2 24.9 37.3

84 92.9 72.6 109.0



#30

1,1,1-Trichloroethane

Concen: 44.056 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV021926.D

Acq: 23 Aug 2021 09:28

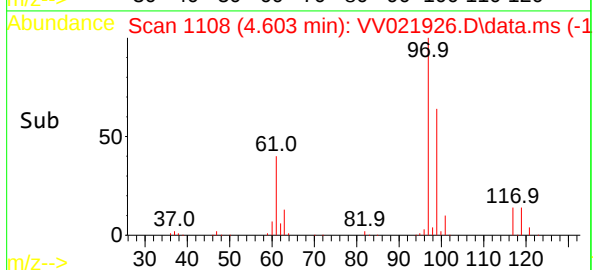
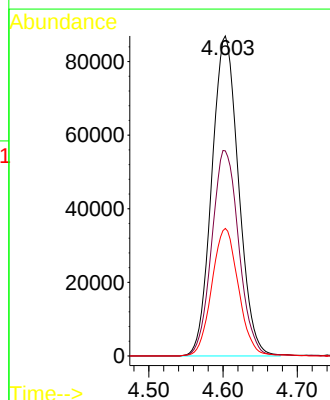
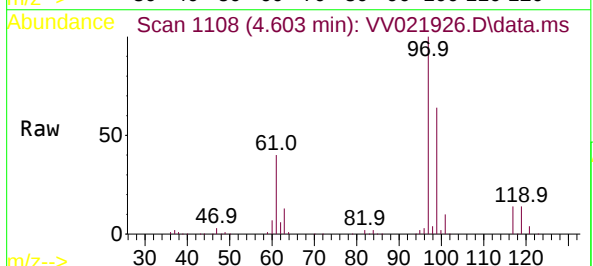
Tgt Ion: 97 Resp: 217706

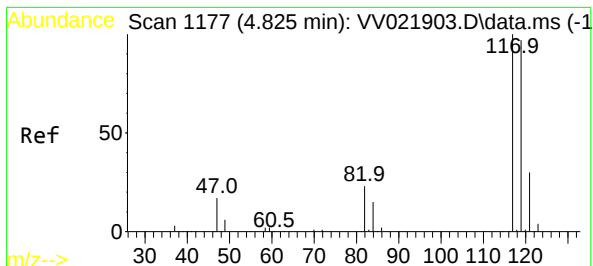
Ion Ratio Lower Upper

97 100

99 65.2 51.0 76.4

61 39.6 32.3 48.5

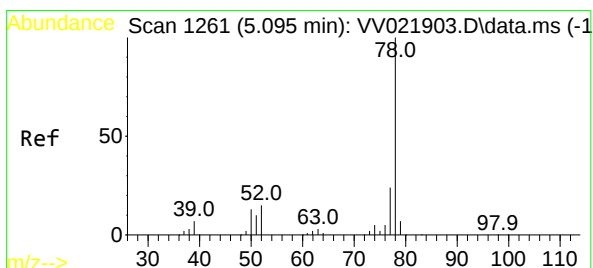
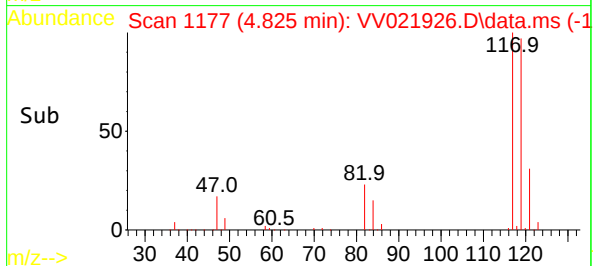
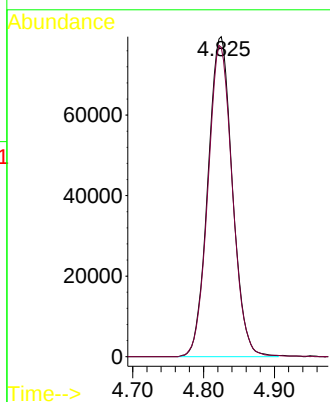
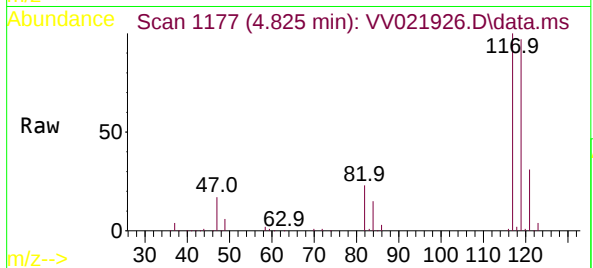




#31
Carbon tetrachloride
Concen: 44.583 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

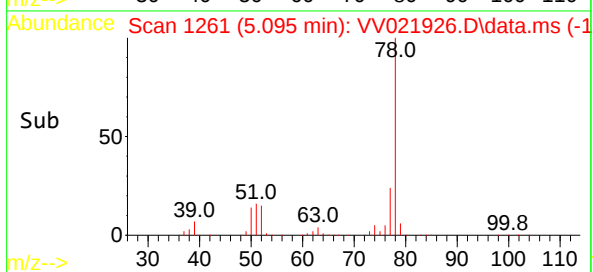
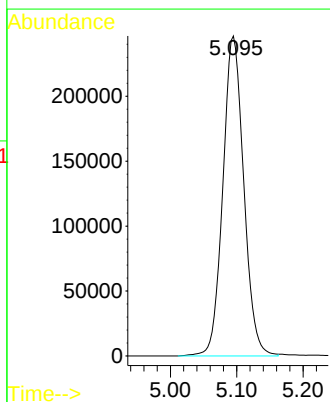
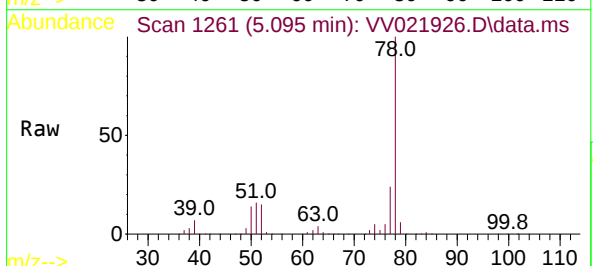
Instrument :
MSVOA_V
ClientSampleId :
VSTD050313

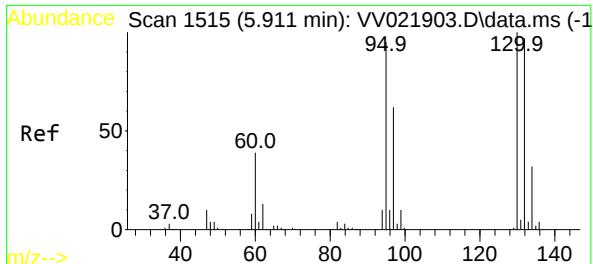
Tgt Ion:117 Resp: 190633
Ion Ratio Lower Upper
117 100
119 96.9 77.1 115.7



#33
Benzene
Concen: 44.361 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion: 78 Resp: 539097

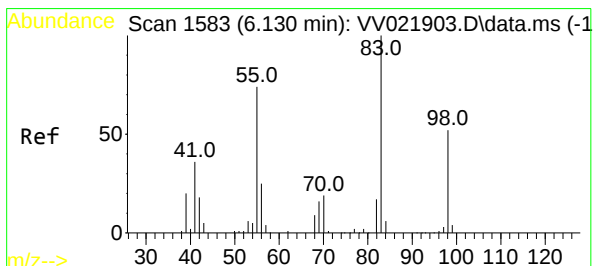
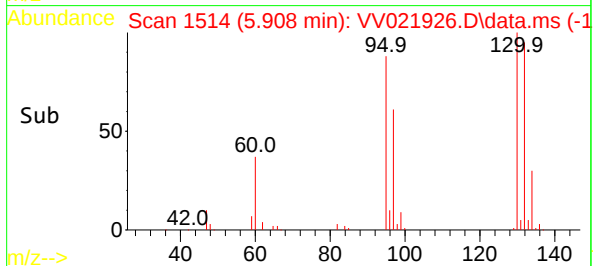
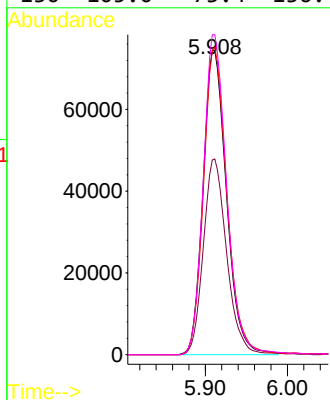
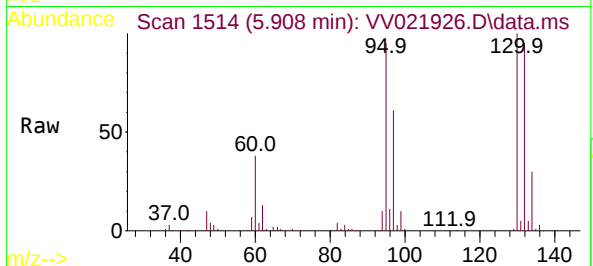




#34
Trichloroethene
Concen: 42.415 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

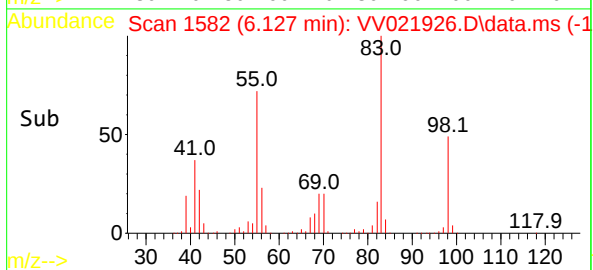
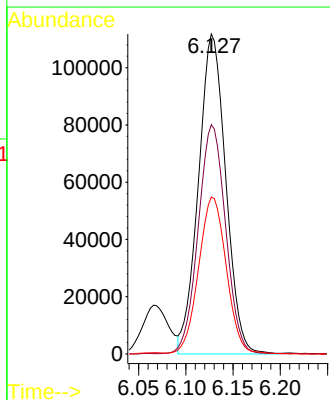
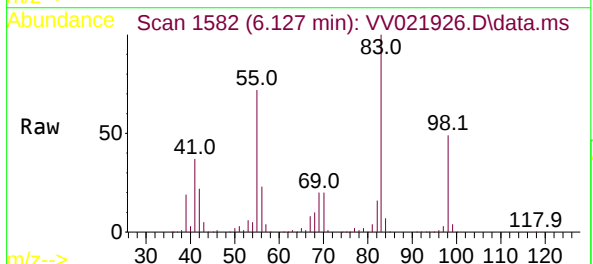
Instrument :
MSVOA_V
ClientSampleId :
VSTD050313

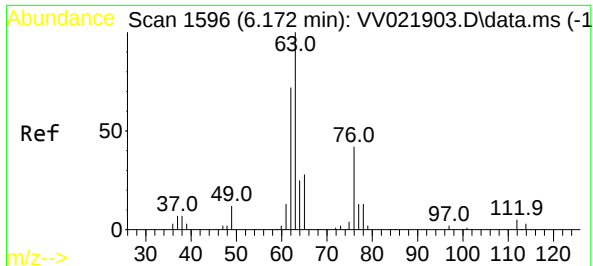
Tgt Ion: 95 Resp: 148124
Ion Ratio Lower Upper
95 100
97 63.9 44.1 81.9
132 99.8 70.2 130.4
130 105.0 73.4 136.4



#35
Methylcyclohexane
Concen: 44.121 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion: 83 Resp: 224796
Ion Ratio Lower Upper
83 100
55 71.8 57.9 86.9
98 49.8 39.9 59.9

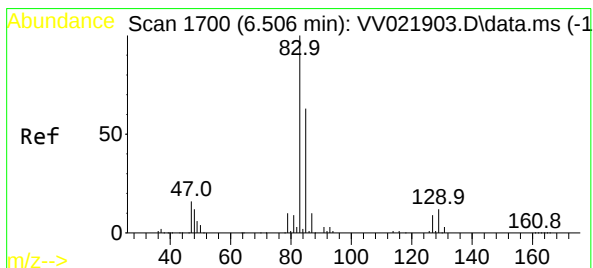
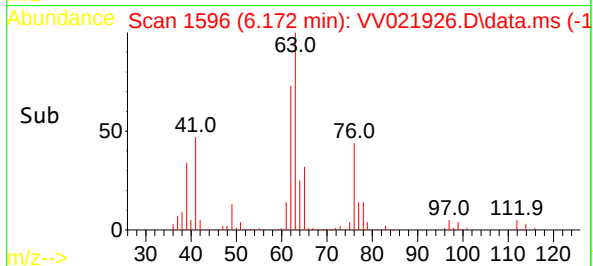
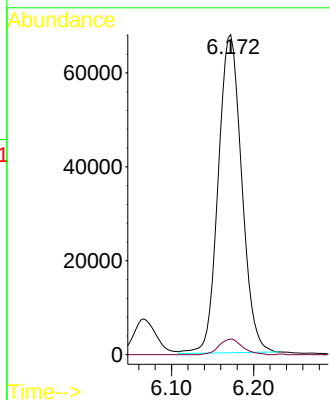
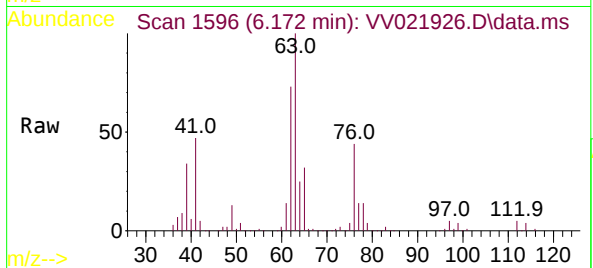




#37
1,2-Dichloropropane
Concen: 43.852 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

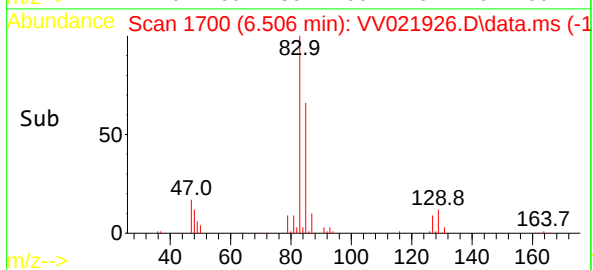
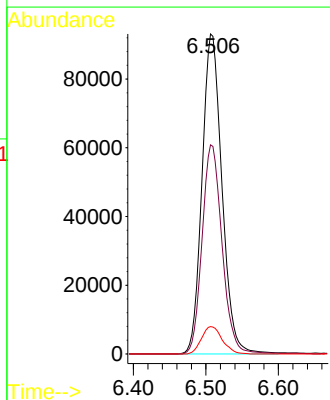
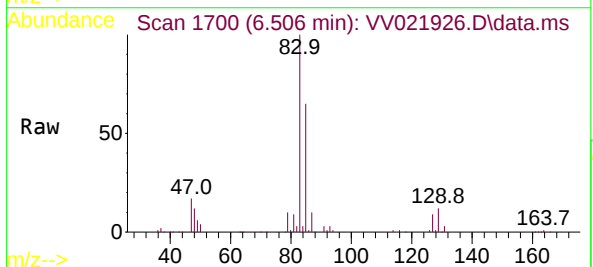
Instrument :
MSVOA_V
ClientSampleId :
VSTD050313

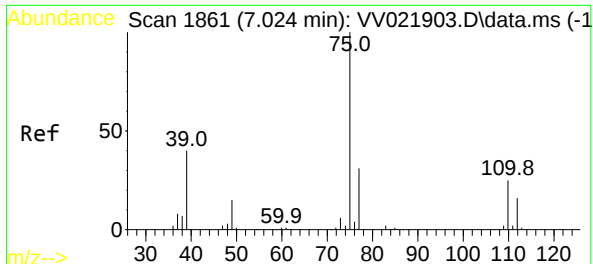
Tgt Ion: 63 Resp: 134942
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.6



#38
Bromodichloromethane
Concen: 43.848 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion: 83 Resp: 177837
Ion Ratio Lower Upper
83 100
85 65.4 45.7 84.9
127 8.6 7.4 11.2

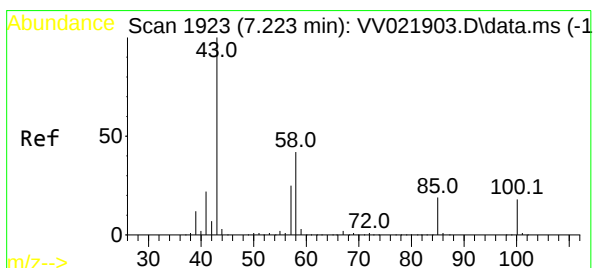
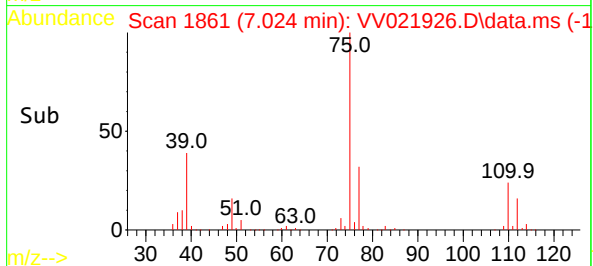
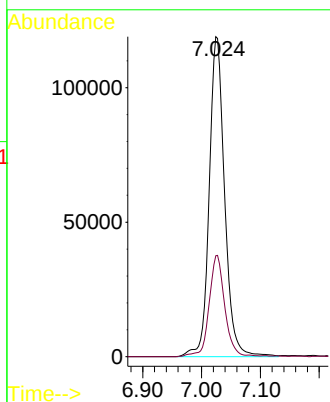
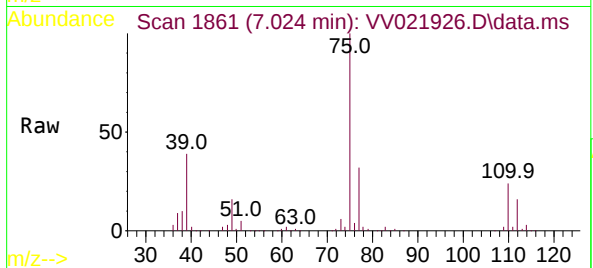




#39
 cis-1,3-Dichloropropene
 Concen: 44.525 ug/L
 RT: 7.024 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VV021926.D
 Acq: 23 Aug 2021 09:28

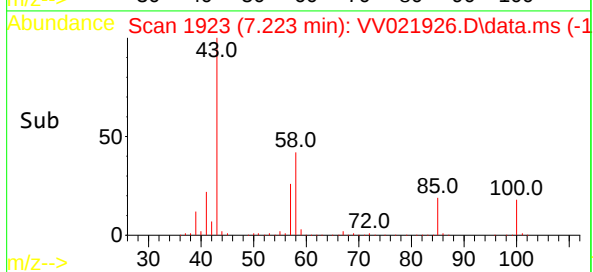
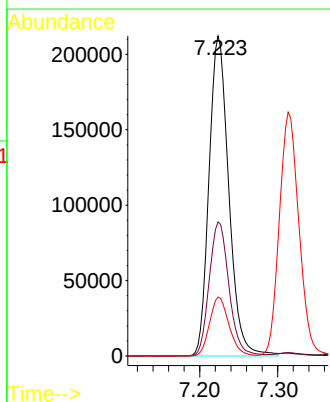
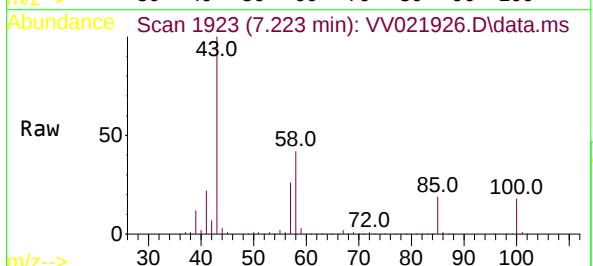
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050313

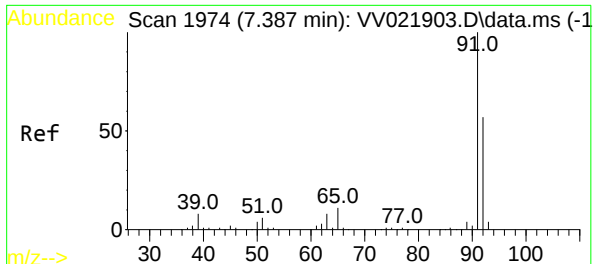
Tgt Ion: 75 Resp: 216954
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 88.255 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: VV021926.D
 Acq: 23 Aug 2021 09:28

Tgt Ion: 43 Resp: 373573
 Ion Ratio Lower Upper
 43 100
 58 41.8 32.9 49.3
 100 18.0 14.0 21.0

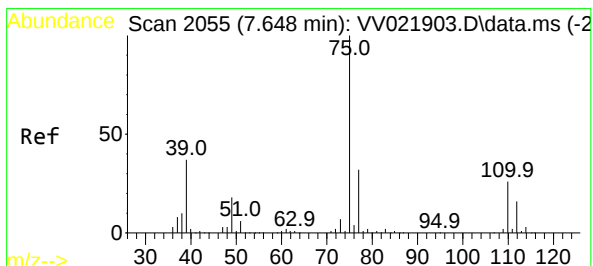
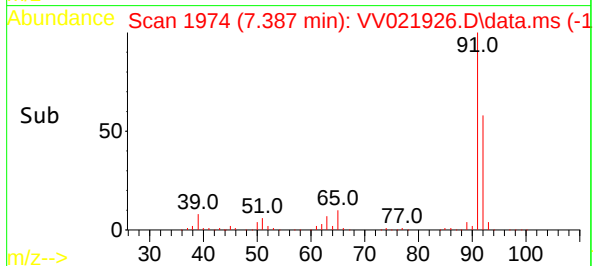
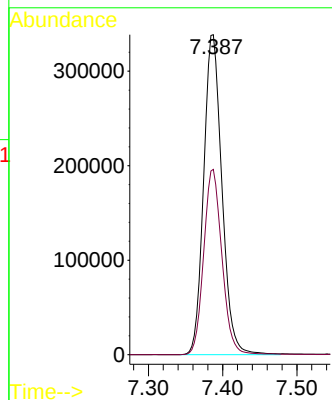
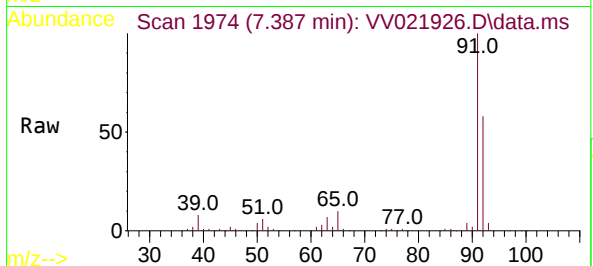




#42
Toluene
Concen: 44.550 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

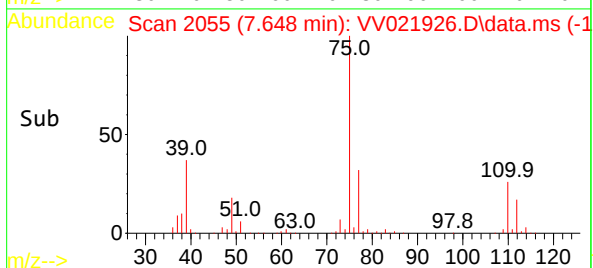
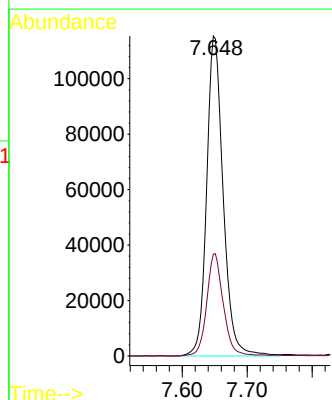
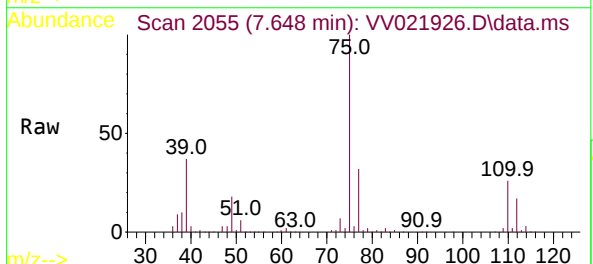
Instrument :
MSVOA_V
ClientSampleId :
VSTD050313

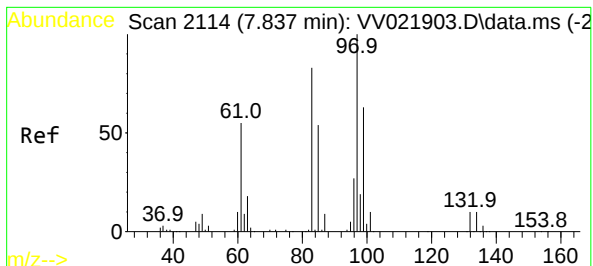
Tgt Ion: 91 Resp: 578235
Ion Ratio Lower Upper
91 100
92 57.9 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 44.510 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion: 75 Resp: 204388
Ion Ratio Lower Upper
75 100
77 31.8 22.2 41.2



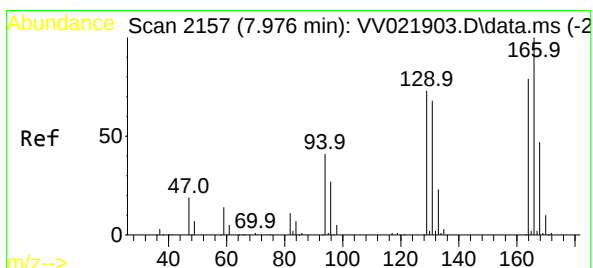
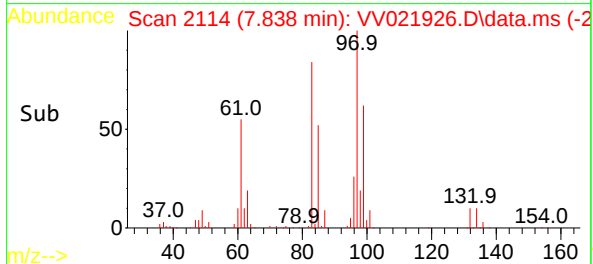
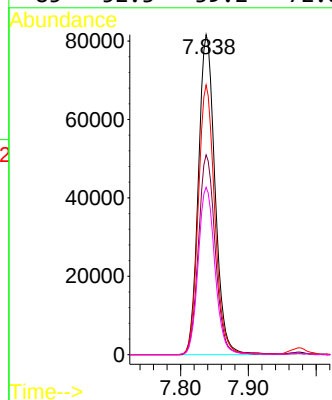
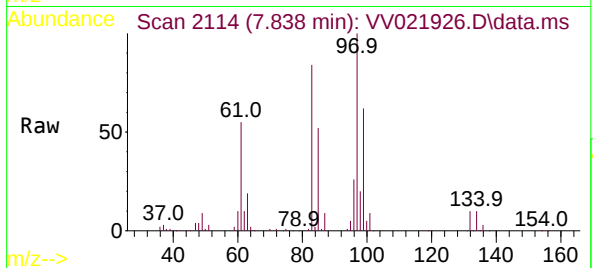


#45
1,1,2-Trichloroethane
Concen: 45.172 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD050313

Tgt Ion: 97 Resp: 139248

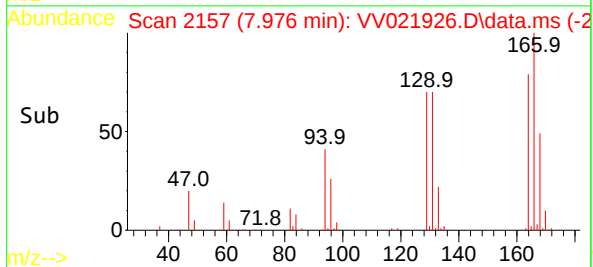
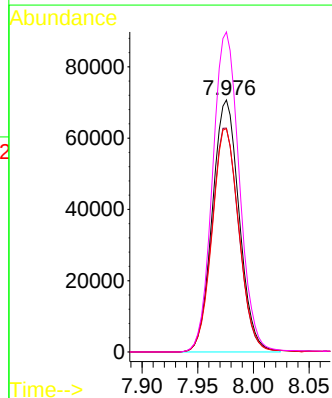
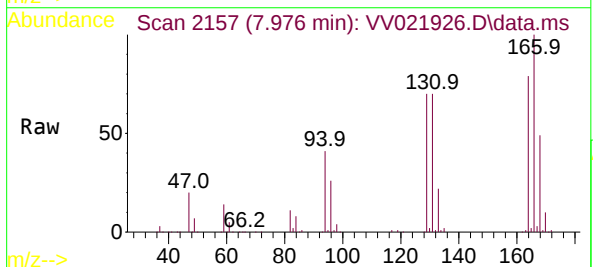
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.2	82.0
83	84.3	59.2	110.0
85	52.3	39.2	72.8

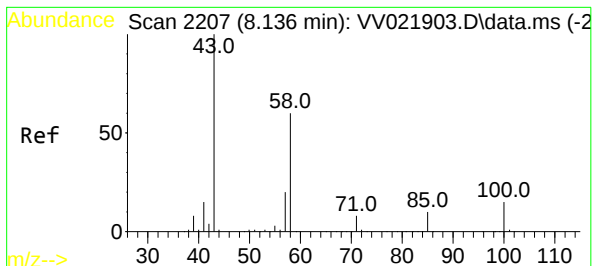


#46
Tetrachloroethene
Concen: 45.662 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion: 164 Resp: 118511

Ion	Ratio	Lower	Upper
164	100		
129	88.8	63.7	118.3
131	88.6	61.5	114.3
166	127.0	88.6	164.6



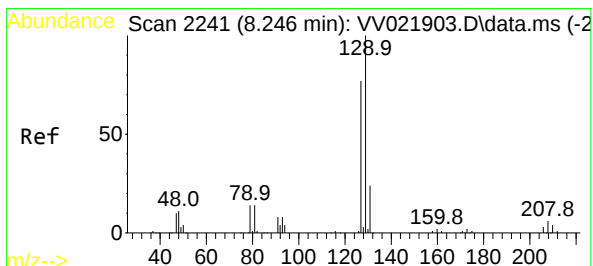
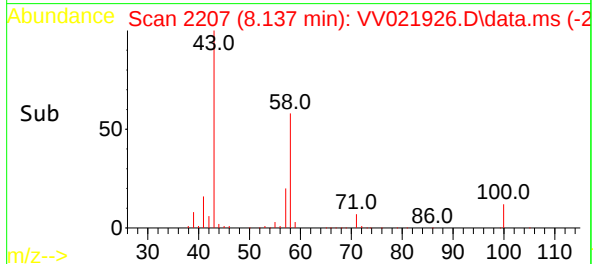
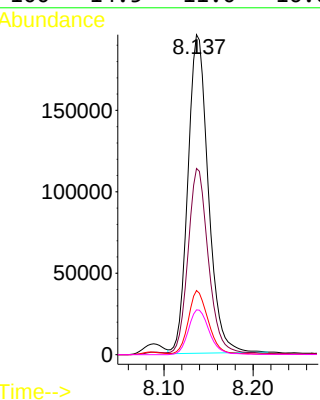
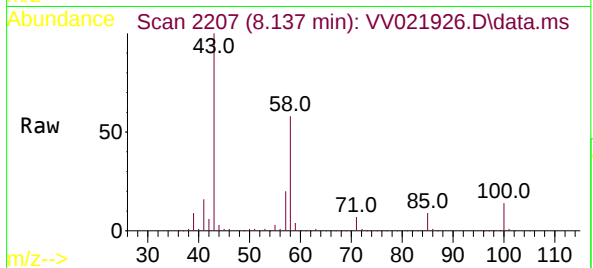


#48
2-Hexanone
Concen: 95.076 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD050313

Tgt Ion: 43 Resp: 311738

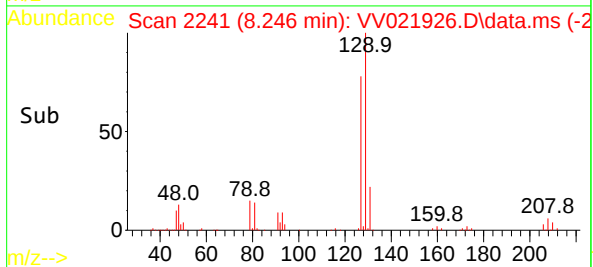
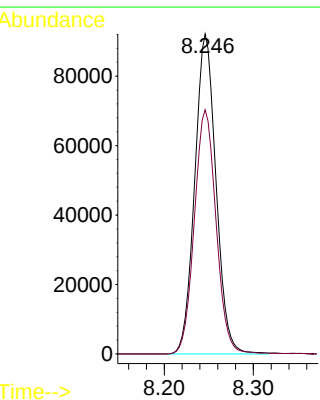
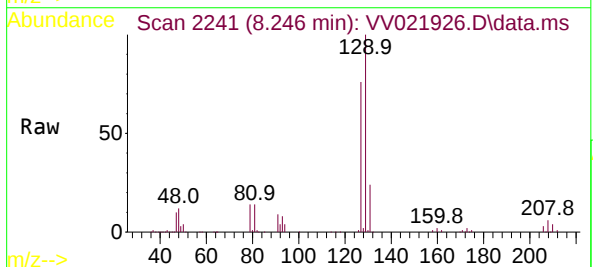
Ion	Ratio	Lower	Upper
43	100		
58	58.9	45.4	68.2
57	19.7	15.3	22.9
100	14.5	11.0	16.6

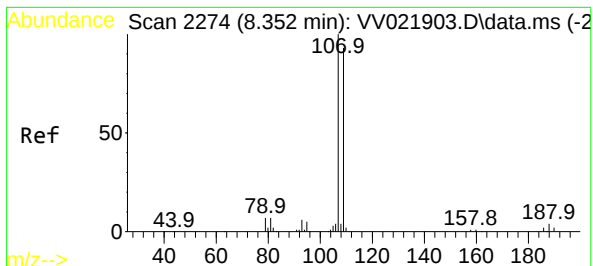


#49
Dibromochloromethane
Concen: 44.832 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion: 129 Resp: 152585

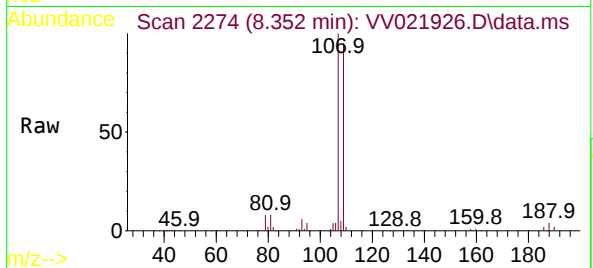
Ion	Ratio	Lower	Upper
129	100		
127	76.3	54.9	101.9



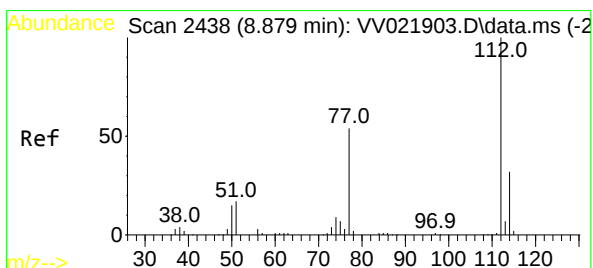
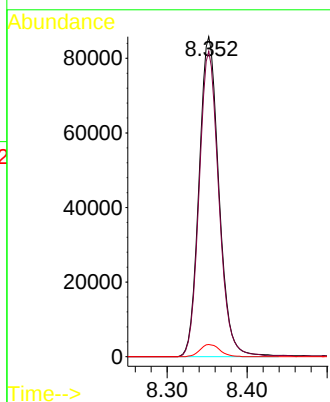
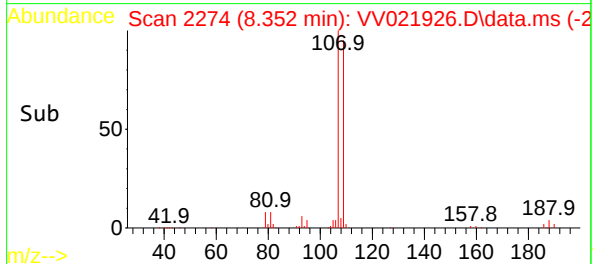


#50
1,2-Dibromoethane
Concen: 44.313 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

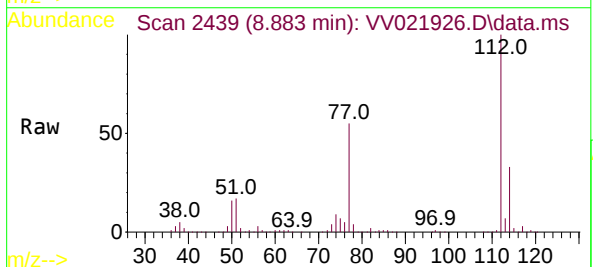
Instrument :
MSVOA_V
ClientSampleId :
VSTD050313



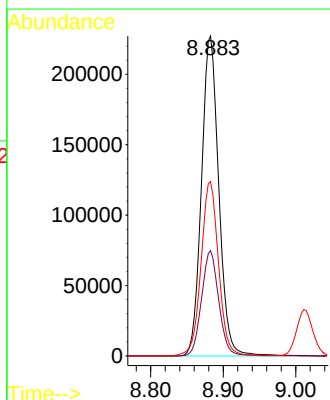
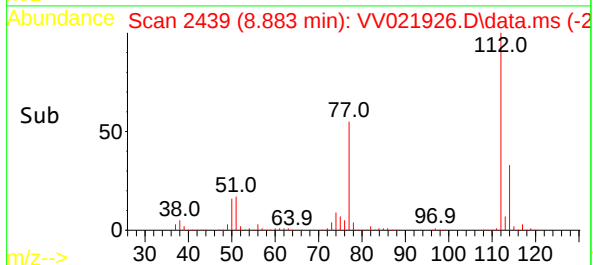
Tgt Ion:107 Resp: 148652
Ion Ratio Lower Upper
107 100
109 95.5 66.3 123.1
188 3.8 3.0 4.4

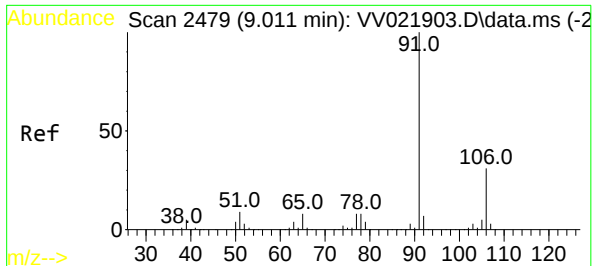


#51
Chlorobenzene
Concen: 44.432 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28



Tgt Ion:112 Resp: 376539
Ion Ratio Lower Upper
112 100
114 32.9 22.2 41.2
77 54.5 43.7 65.5

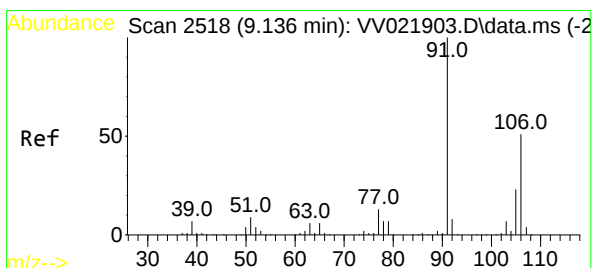
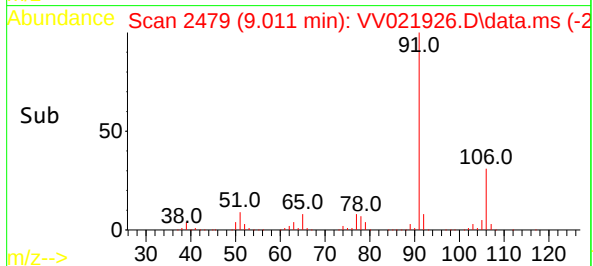
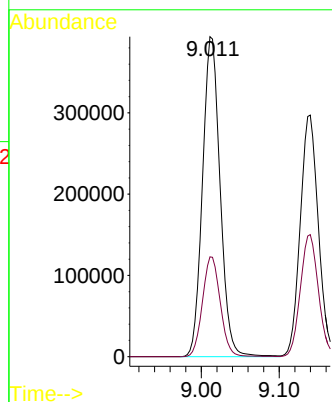
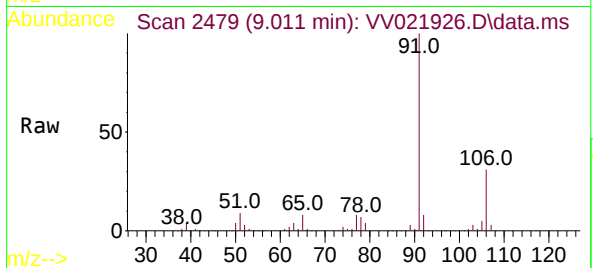




#52
Ethylbenzene
Concen: 44.623 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

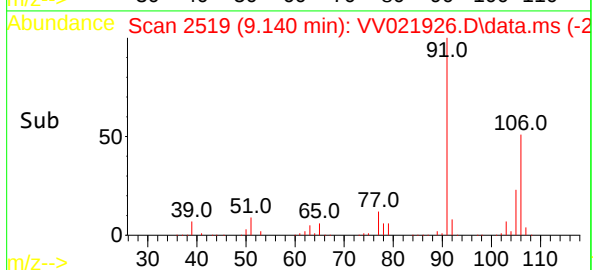
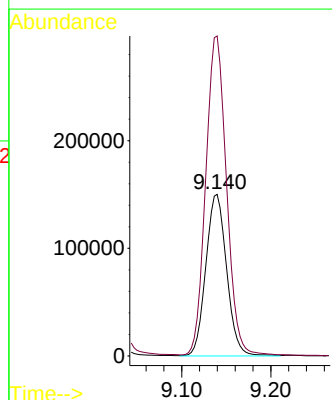
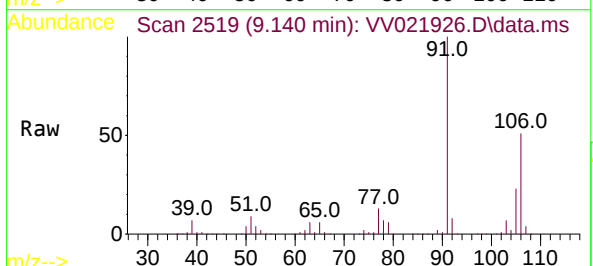
Instrument :
MSVOA_V
ClientSampleId :
VSTD050313

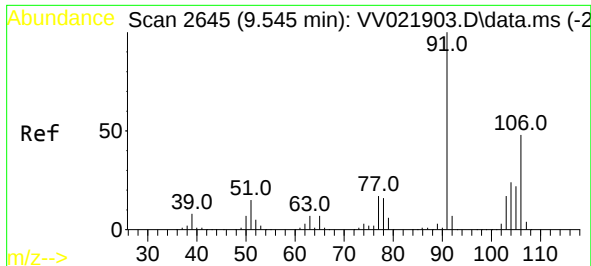
Tgt Ion: 91 Resp: 617905
Ion Ratio Lower Upper
91 100
106 31.2 22.2 41.2



#53
m,p-Xylene
Concen: 45.417 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion: 106 Resp: 243731
Ion Ratio Lower Upper
106 100
91 198.0 139.2 258.6

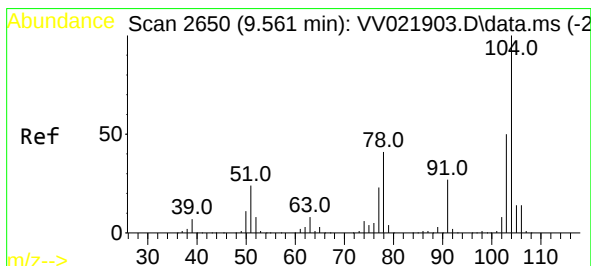
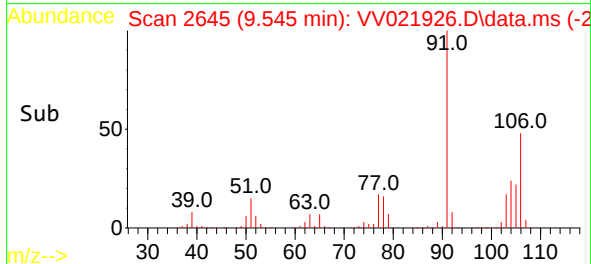
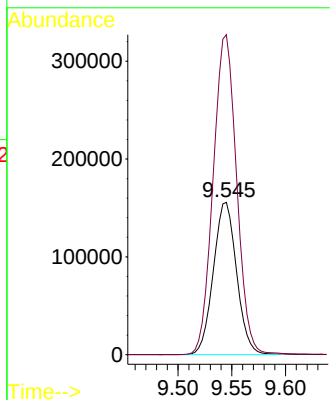
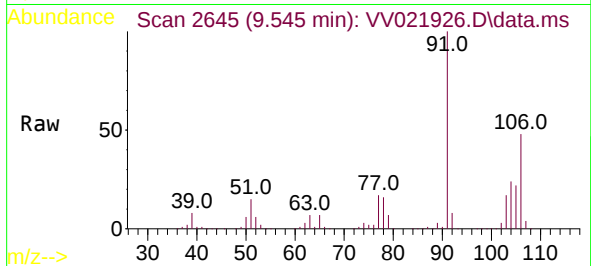




#54
o-Xylene
Concen: 44.115 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

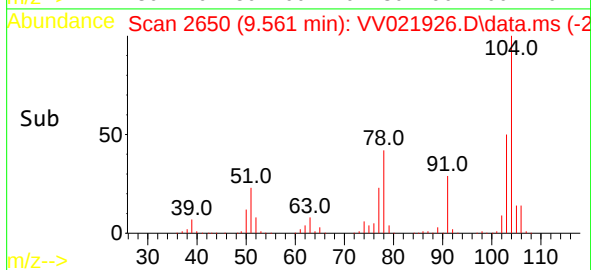
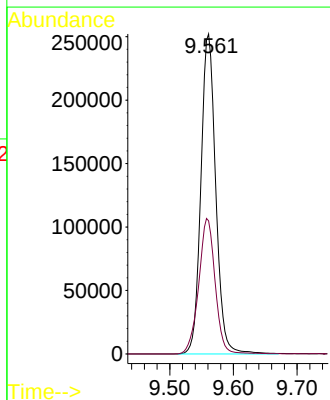
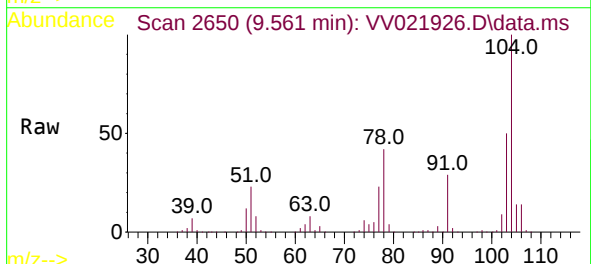
Instrument :
MSVOA_V
ClientSampleId :
VSTD050313

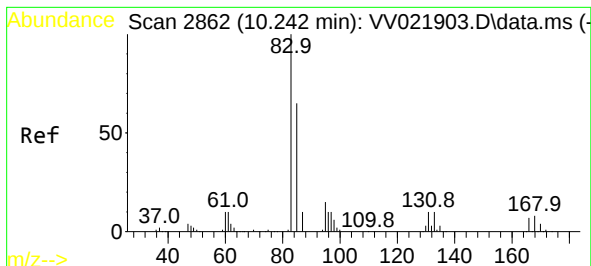
Tgt Ion:106 Resp: 234675
Ion Ratio Lower Upper
106 100
91 210.0 148.1 275.0



#55
Styrene
Concen: 45.897 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion:104 Resp: 408849
Ion Ratio Lower Upper
104 100
78 41.6 30.2 56.2

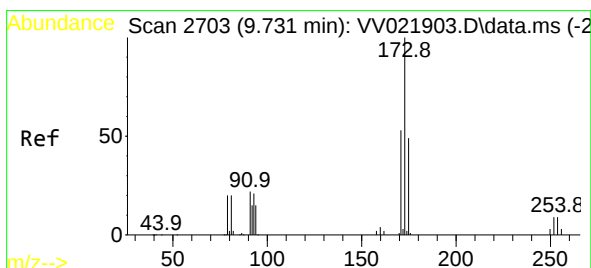
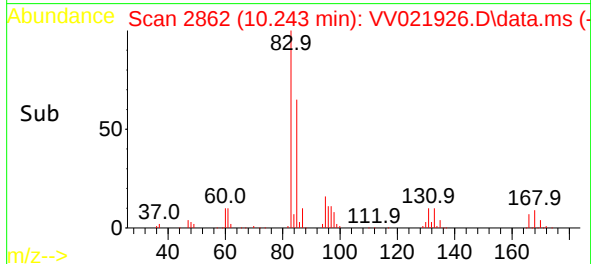
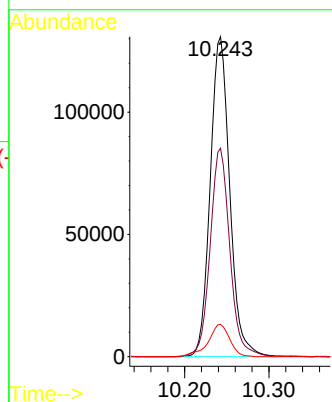
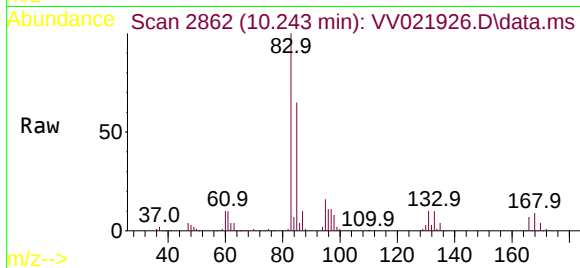




#57
1,1,2,2-Tetrachloroethane
Concen: 49.055 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

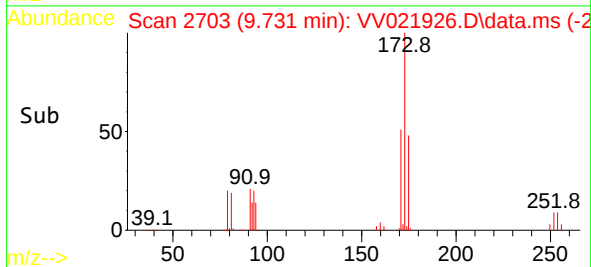
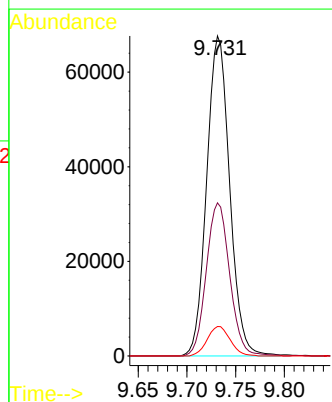
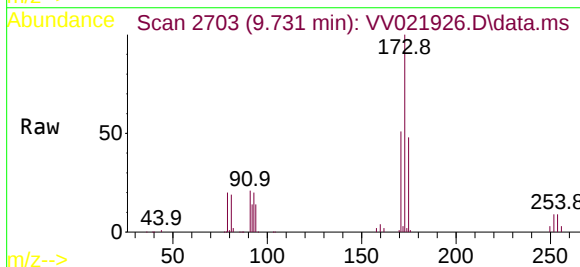
Instrument :
MSVOA_V
ClientSampleId :
VSTD050313

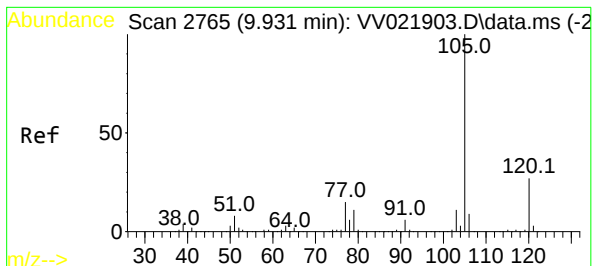
Tgt Ion: 83 Resp: 210512
Ion Ratio Lower Upper
83 100
85 65.1 44.4 82.5
131 10.1 7.9 11.9



#59
Bromoform
Concen: 43.614 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion:173 Resp: 110989
Ion Ratio Lower Upper
173 100
175 48.7 38.6 58.0
254 9.2 7.2 10.8

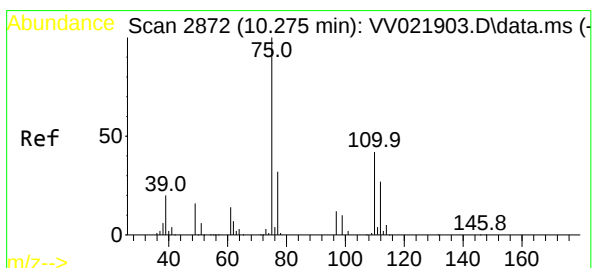
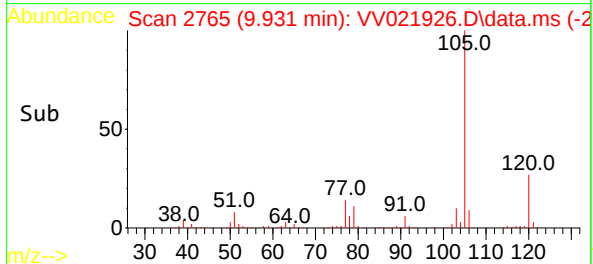
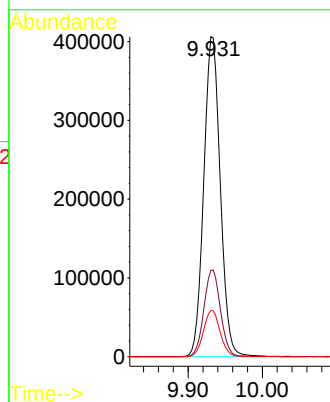
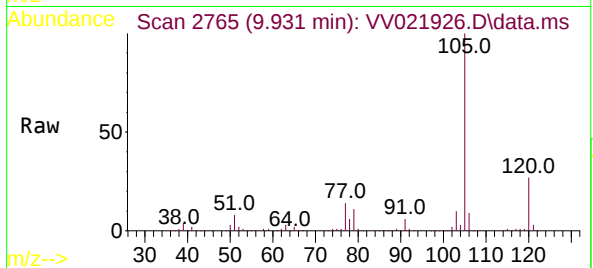




#60
Isopropylbenzene
Concen: 43.672 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

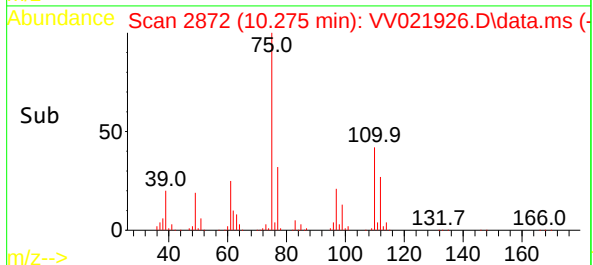
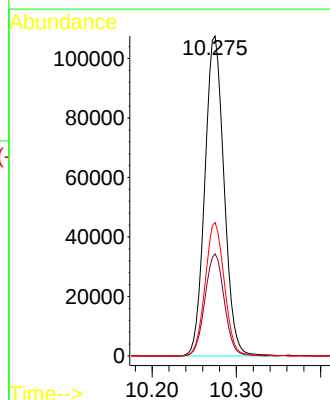
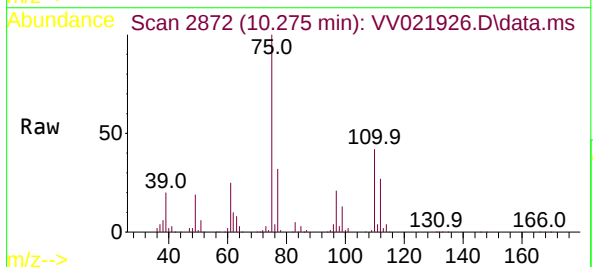
Instrument :
MSVOA_V
ClientSampleId :
VSTD050313

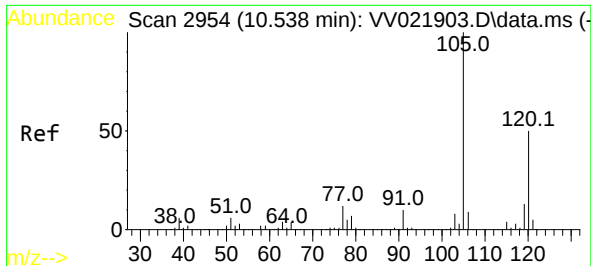
Tgt Ion:105 Resp: 626794
Ion Ratio Lower Upper
105 100
120 27.3 21.3 31.9
77 14.6 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 43.250 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion: 75 Resp: 171101
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3
110 41.7 33.4 50.2

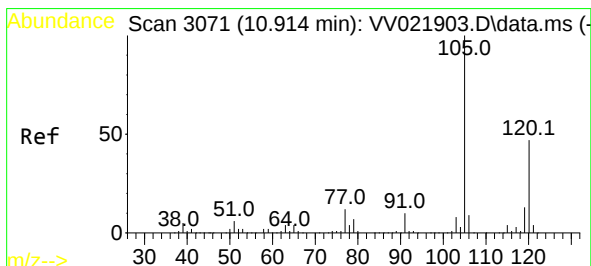
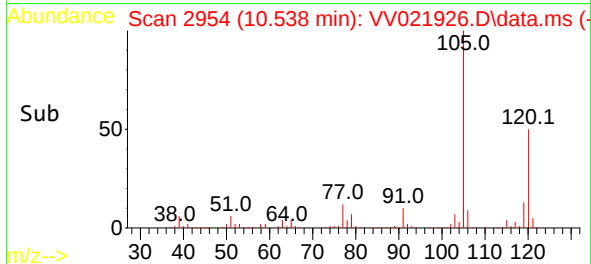
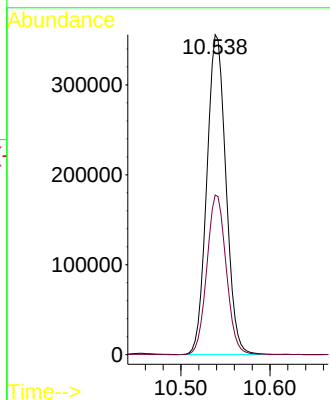
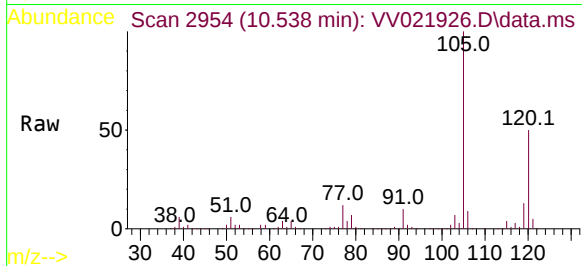




#62
1,3,5-Trimethylbenzene
Concen: 43.923 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

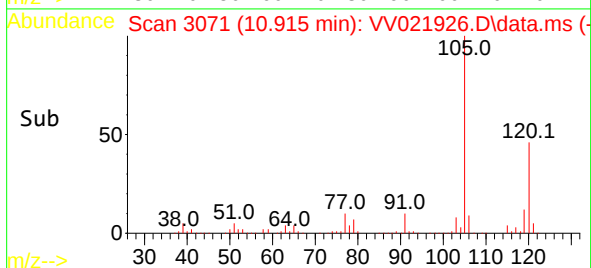
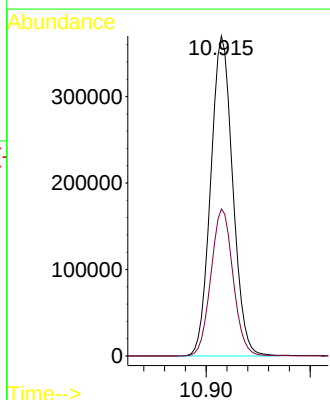
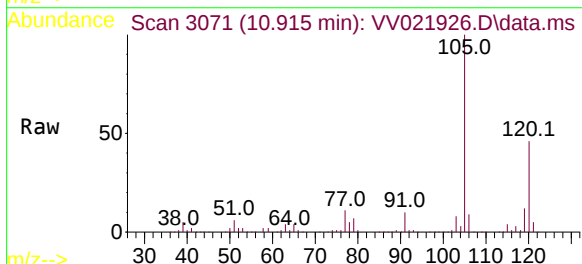
Instrument :
MSVOA_V
ClientSampleId :
VSTD050313

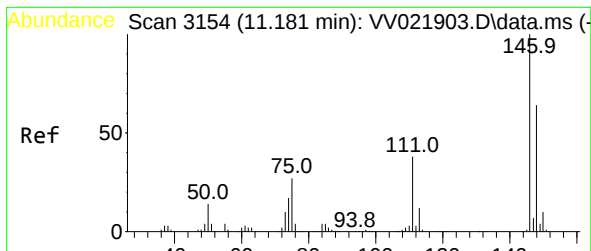
Tgt Ion:105 Resp: 529009
Ion Ratio Lower Upper
105 100
120 50.5 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 44.470 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion:105 Resp: 544577
Ion Ratio Lower Upper
105 100
120 46.2 37.3 55.9

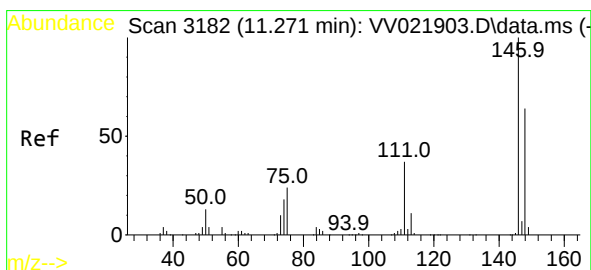
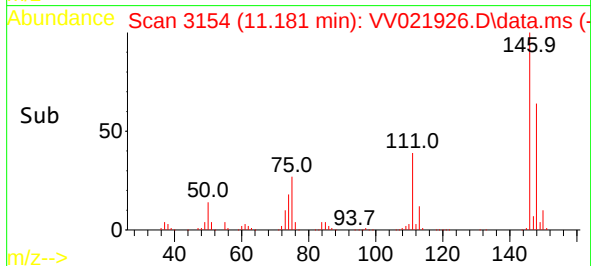
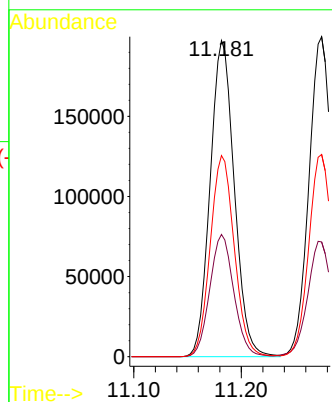
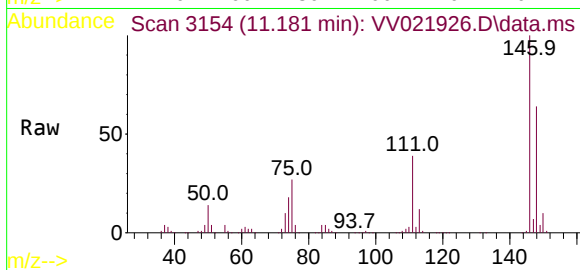




#64
1,3-Dichlorobenzene
Concen: 44.294 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

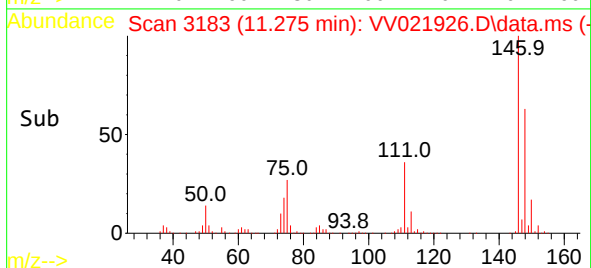
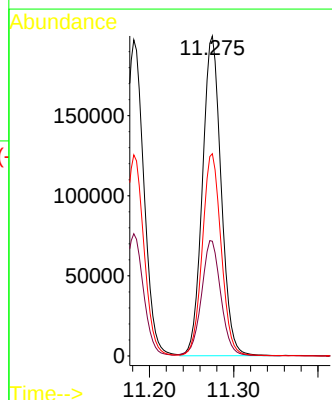
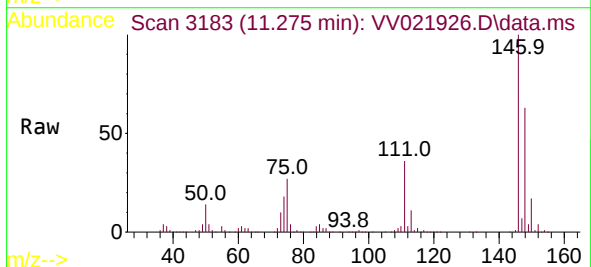
Instrument :
MSVOA_V
ClientSampleId :
VSTD050313

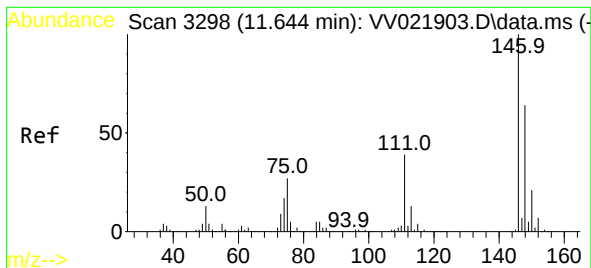
Tgt Ion:146 Resp: 307860
Ion Ratio Lower Upper
146 100
111 38.7 26.5 49.1
148 63.6 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 44.500 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion:146 Resp: 308725
Ion Ratio Lower Upper
146 100
111 35.8 26.2 48.6
148 63.2 45.1 83.9

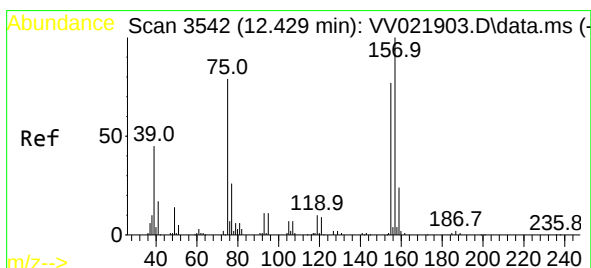
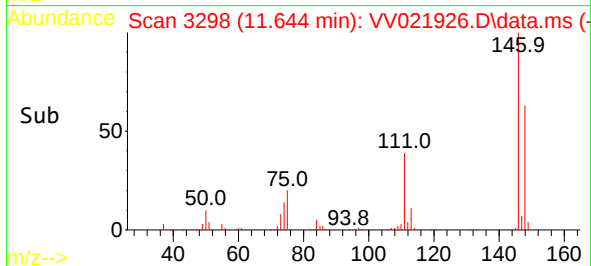
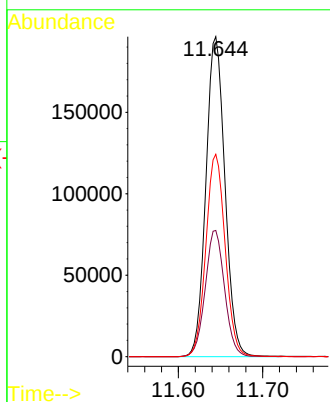
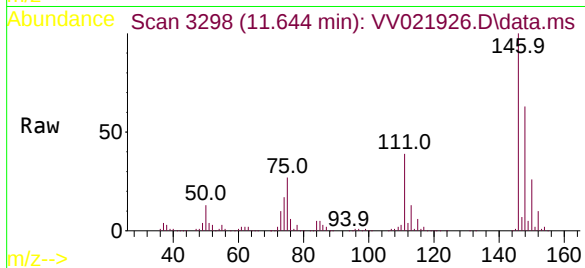




#67
1,2-Dichlorobenzene
Concen: 44.083 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

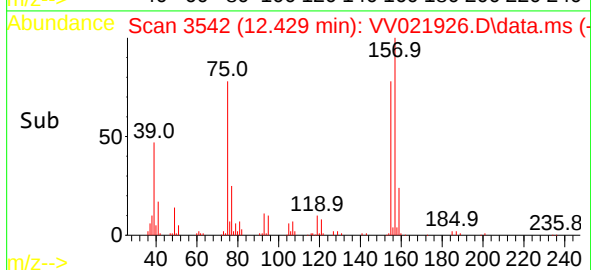
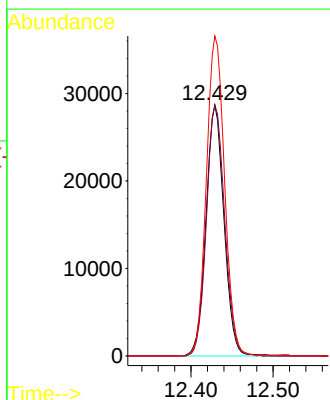
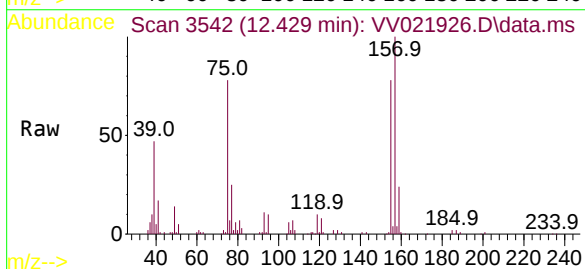
Instrument :
MSVOA_V
ClientSampleId :
VSTD050313

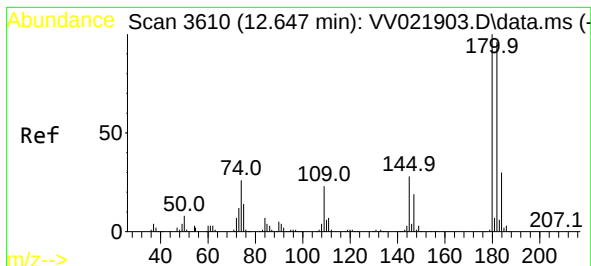
Tgt Ion:146 Resp: 309086
Ion Ratio Lower Upper
146 100
111 39.5 31.8 47.8
148 63.3 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 45.616 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion: 75 Resp: 43876
Ion Ratio Lower Upper
75 100
155 100.0 77.8 116.8
157 127.6 99.4 149.0

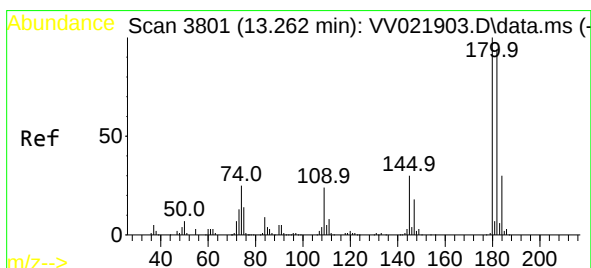
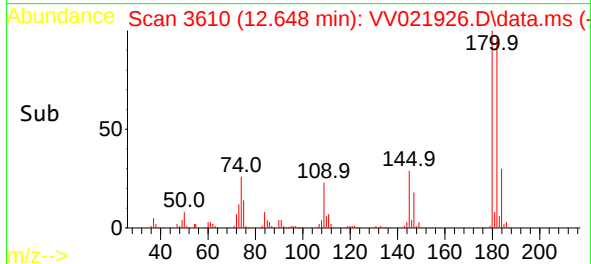
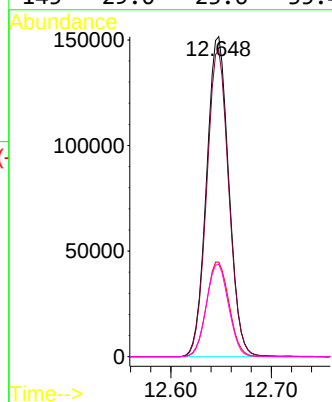
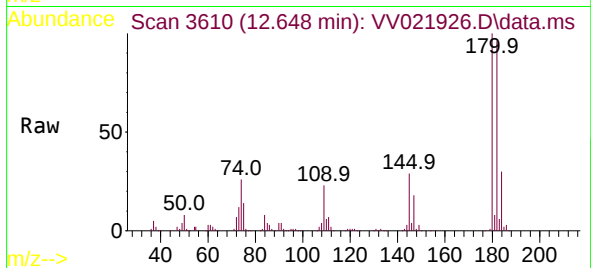




#69
1,3,5-Trichlorobenzene
Concen: 46.232 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

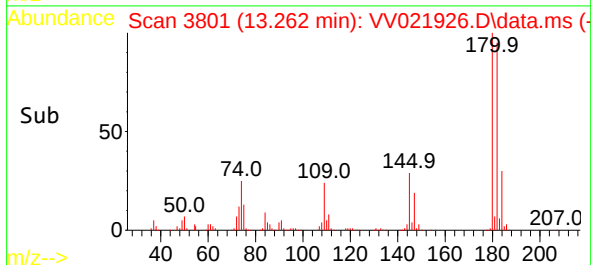
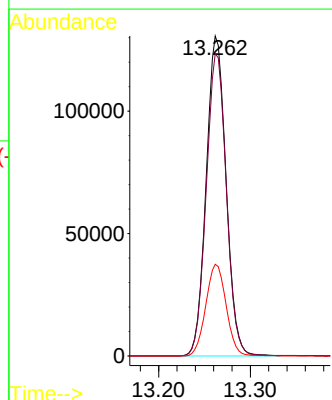
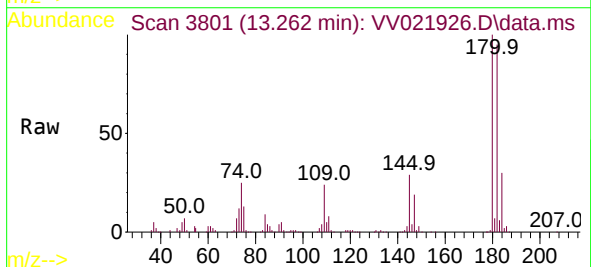
Instrument :
MSVOA_V
ClientSampleId :
VSTD050313

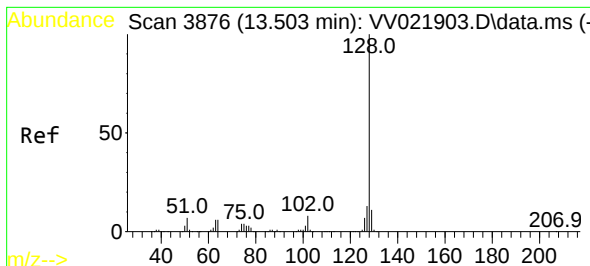
Tgt Ion:	180	Resp:	232922
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.8	115.2
184	30.1	24.1	36.1
145	29.0	23.6	35.4



#70
1,2,4-trichlorobenzene
Concen: 46.746 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion:	180	Resp:	197520
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.8	113.6
145	29.2	23.9	35.9

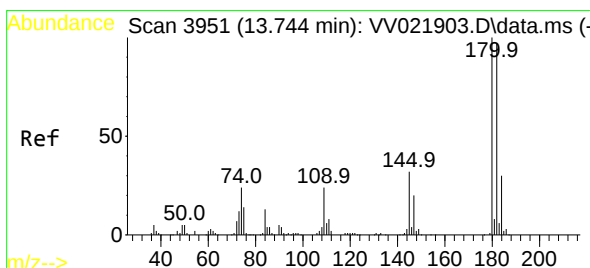
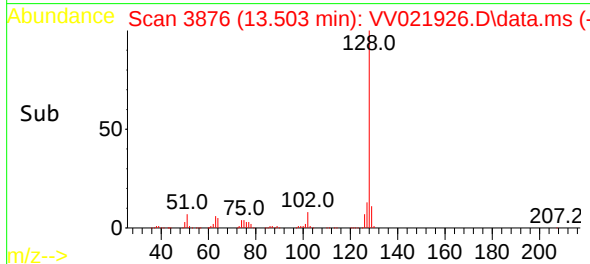
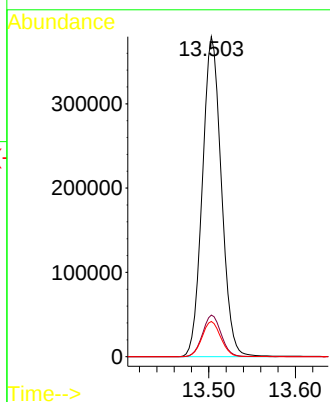
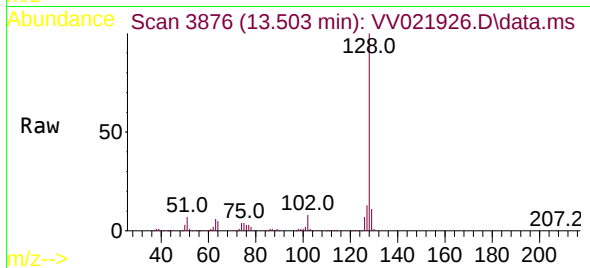




#71
Naphthalene
Concen: 47.100 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD050313

Tgt Ion:128 Resp: 578091
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 46.350 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021926.D
Acq: 23 Aug 2021 09:28

Tgt Ion:180 Resp: 196743
Ion Ratio Lower Upper
180 100
182 95.5 76.2 114.2
145 31.8 25.6 38.4

