

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072122\
 Data File : VW026877.D
 Acq On : 21 Jul 2022 16:34
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005364

Quant Time: Jul 22 05:57:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 22 05:53:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	228639	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	231485	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	127728	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	91776	4.400	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.561	69	80920	4.490	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.105	63	176692	4.412	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	3.889	46	165295	50.775	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.540%
24) Chloroform-d	4.342	84	182792	5.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.031	65	77011	4.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.047	84	351725	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.066	67	105578	5.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.313	98	323414	5.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
43) trans-1,3-Dichloroprop...	7.622	79	32953	4.776	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.088	63	137251	45.943	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.880%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	79243	4.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	106290	4.776	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	143189	4.926	ug/L	99
3) Chloromethane	1.240	50	122458	4.390	ug/L	97
5) Vinyl chloride	1.307	62	133789	4.711	ug/L	99
6) Bromomethane	1.516	94	75331	4.431	ug/L	98
8) Chloroethane	1.581	64	80345	4.801	ug/L	99
9) Trichlorofluoromethane	1.748	101	181125	5.018	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	104471	5.053	ug/L	99
12) 1,1-Dichloroethene	2.111	96	98683	4.922	ug/L	92
13) Acetone	2.179	43	127993	46.729	ug/L #	27
14) Carbon disulfide	2.288	76	282876	4.789	ug/L	99
15) Methyl Acetate	2.436	43	32304	5.831	ug/L	95
16) Methylene chloride	2.500	84	154598	6.474	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	182372	5.280	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	101954	5.533	ug/L	93
19) 1,1-Dichloroethane	3.182	63	187291	5.566	ug/L	98
21) 2-Butanone	3.973	43	184684	57.816	ug/L	100
22) cis-1,2-Dichloroethene	3.905	96	103171	5.552	ug/L	99
23) Bromochloromethane	4.243	128	48276	5.639	ug/L	95
25) Chloroform	4.368	83	202281	5.740	ug/L	99

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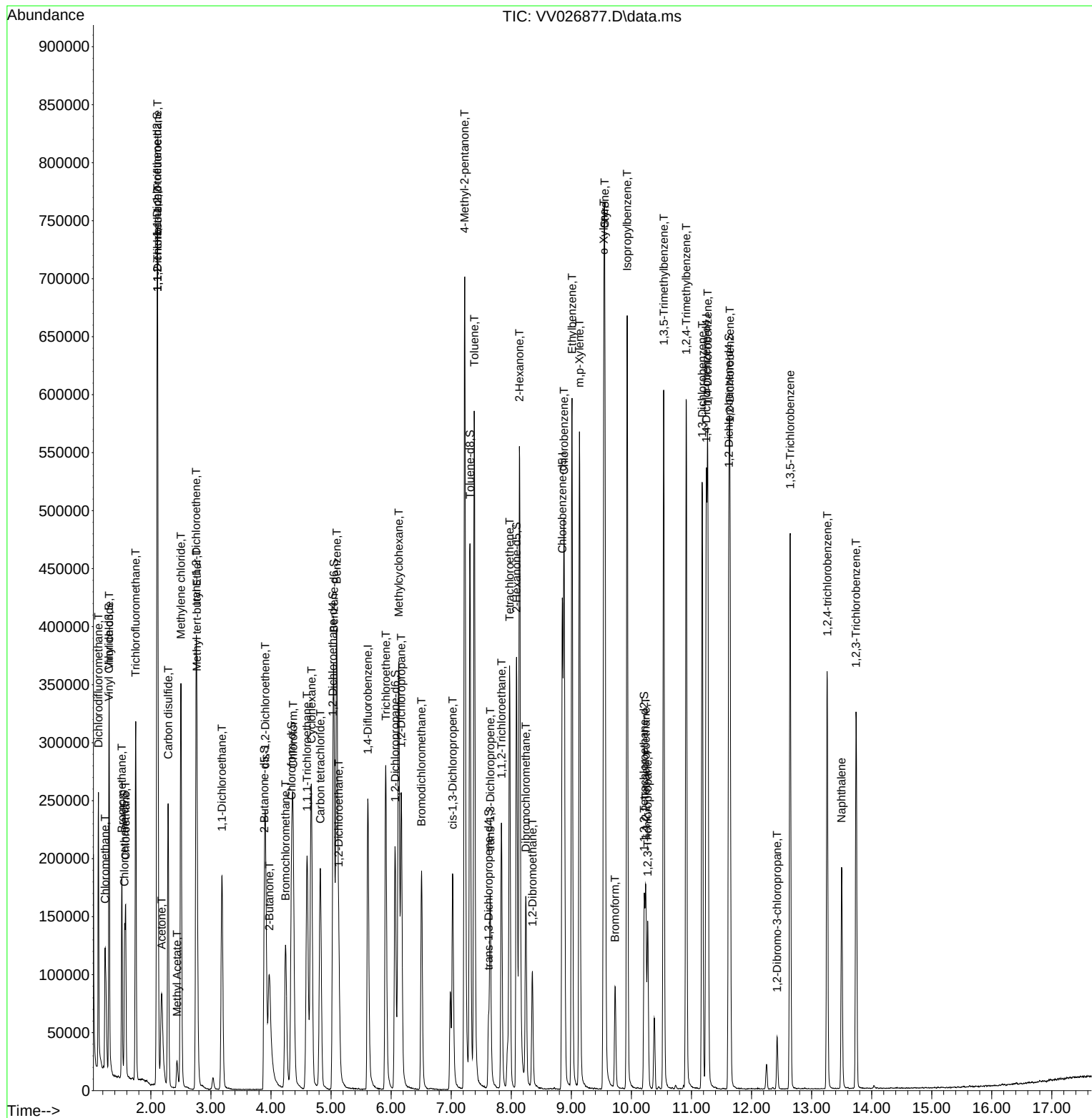
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	100209	5.277	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	169308	5.428	ug/L	98
30) Cyclohexane	4.674	56	128380	4.830	ug/L	98
31) Carbon tetrachloride	4.822	117	149286	5.419	ug/L	96
33) Benzene	5.095	78	420236	5.430	ug/L	100
34) Trichloroethene	5.912	95	105247	5.533	ug/L	97
35) Methylcyclohexane	6.127	83	142835	4.920	ug/L	99
37) 1,2-Dichloropropane	6.169	63	107275	5.797	ug/L	99
38) Bromodichloromethane	6.506	83	132416	5.489	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	122092	5.309	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	449876	52.628	ug/L	99
42) Toluene	7.384	91	443847	5.679	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	102838	5.446	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	74643	5.518	ug/L	98
47) Tetrachloroethene	7.973	164	83602	5.604	ug/L	98
48) 2-Hexanone	8.137	43	334689	54.098	ug/L	99
49) Dibromochloromethane	8.243	129	87372	5.604	ug/L	98
50) 1,2-Dibromoethane	8.352	107	66539	5.559	ug/L	97
51) Chlorobenzene	8.879	112	275469	5.574	ug/L	98
52) Ethylbenzene	9.011	91	409867	5.299	ug/L	98
53) m,p-Xylene	9.136	106	166036	5.520	ug/L	99
54) o-Xylene	9.542	106	157406	5.506	ug/L	96
55) Styrene	9.558	104	285659	5.702	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	83615	5.221	ug/L	97
59) Bromoform	9.728	173	40494	4.941	ug/L	97
60) Isopropylbenzene	9.931	105	414230	5.200	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	58338	4.953	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	318608	5.027	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	323389	5.024	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	216016	5.534	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	212395	5.352	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	192314	5.276	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	11657	4.668	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	146989	5.328	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	106676	5.084	ug/L	97
71) Naphthalene	13.500	128	152463	4.386	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	97663	5.002	ug/L	99

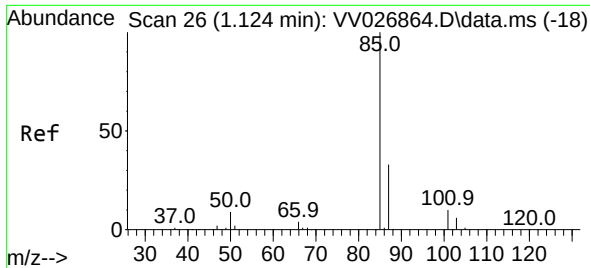
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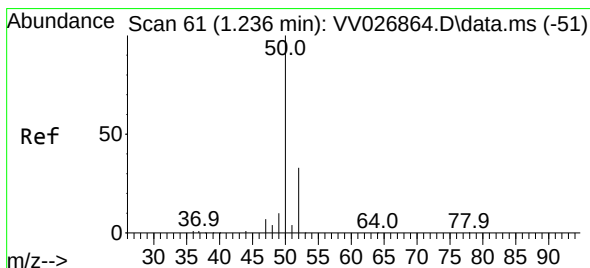
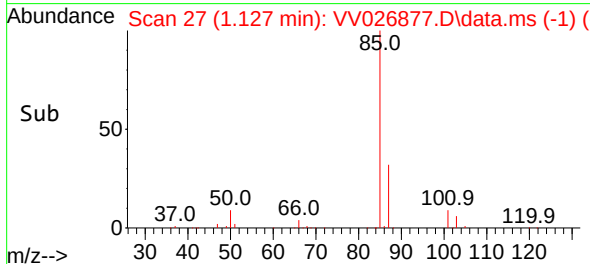
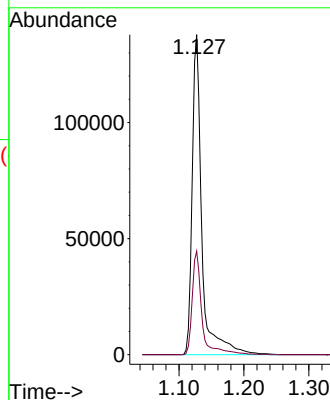
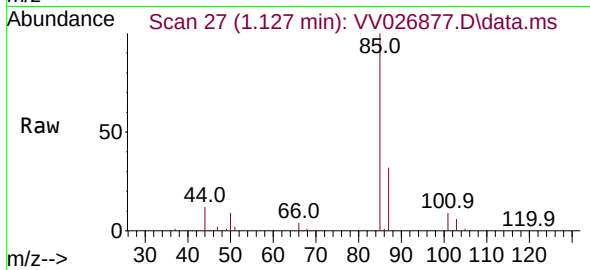




#2
 Dichlorodifluoromethane
 Concen: 4.926 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026877.D
 Acq: 21 Jul 2022 16:34

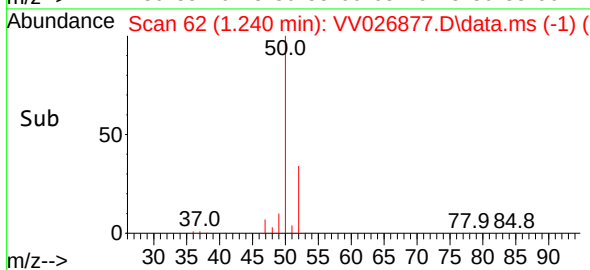
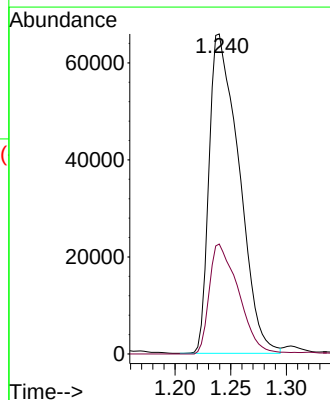
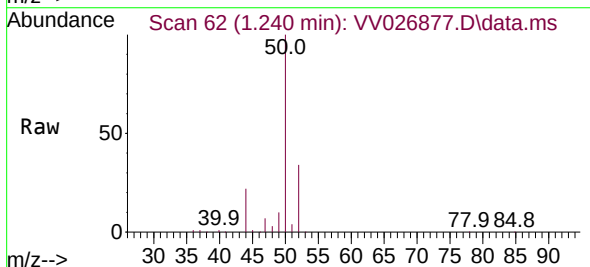
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005364

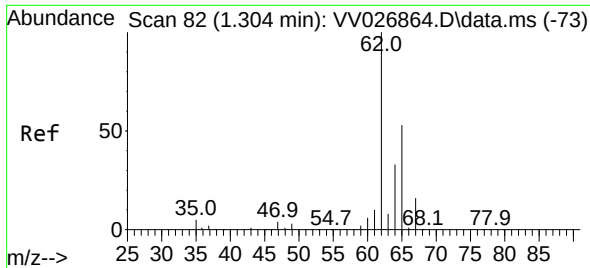
Tgt Ion: 85 Resp: 143189
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.8



#3
 Chloromethane
 Concen: 4.390 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV026877.D
 Acq: 21 Jul 2022 16:34

Tgt Ion: 50 Resp: 122458
 Ion Ratio Lower Upper
 50 100
 52 34.4 22.8 42.4

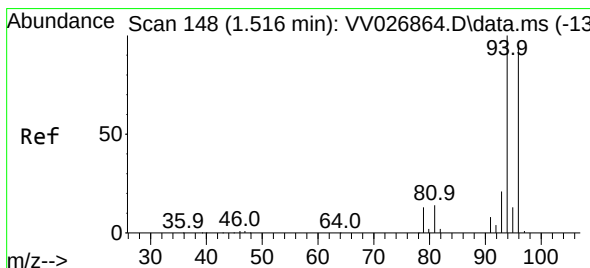
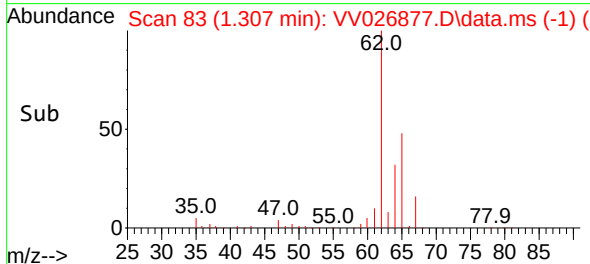
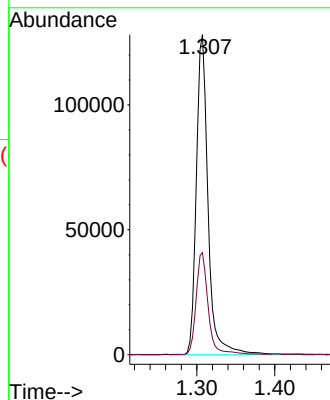
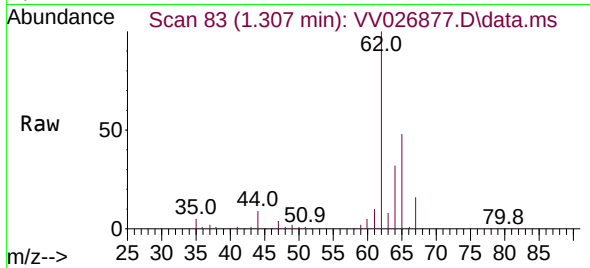




#5
 Vinyl chloride
 Concen: 4.711 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026877.D
 Acq: 21 Jul 2022 16:34

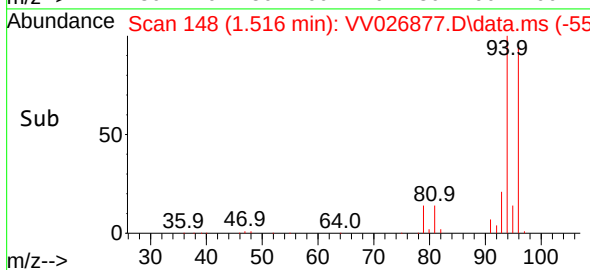
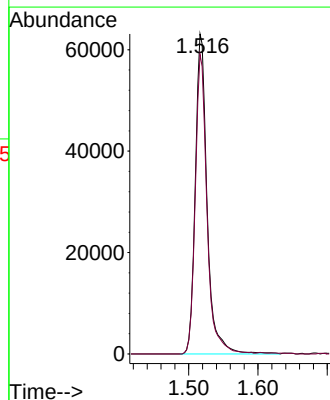
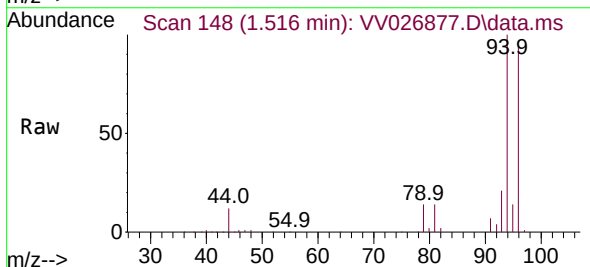
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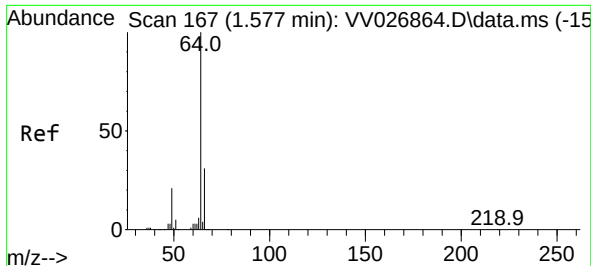
Tgt Ion: 62 Resp: 133789
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.9 42.5



#6
 Bromomethane
 Concen: 4.431 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV026877.D
 Acq: 21 Jul 2022 16:34

Tgt Ion: 94 Resp: 75331
 Ion Ratio Lower Upper
 94 100
 96 93.6 67.1 124.7

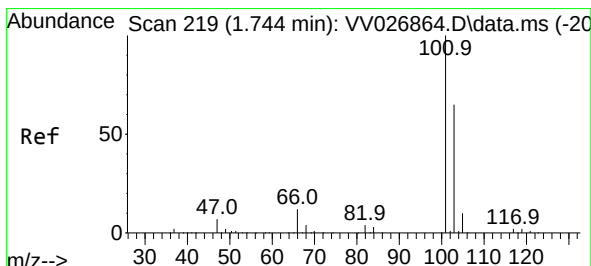
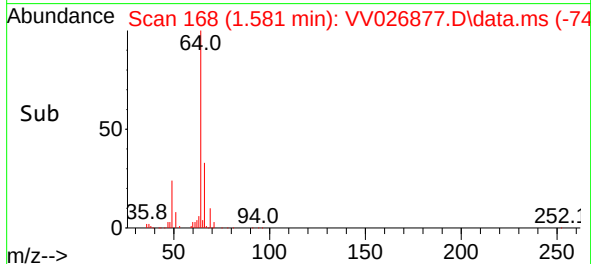
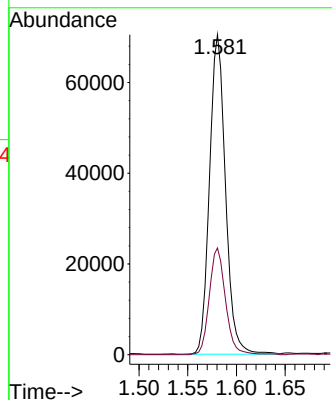
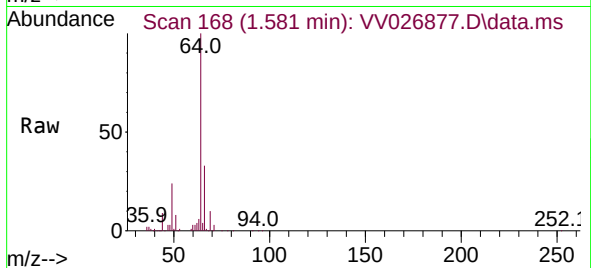




#8
Chloroethane
Concen: 4.801 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

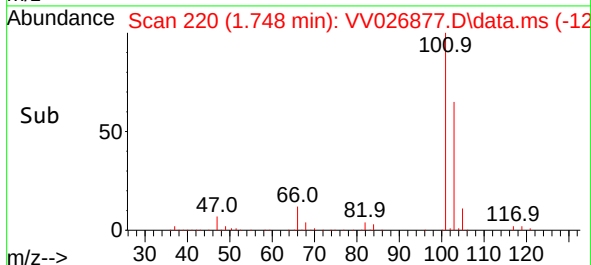
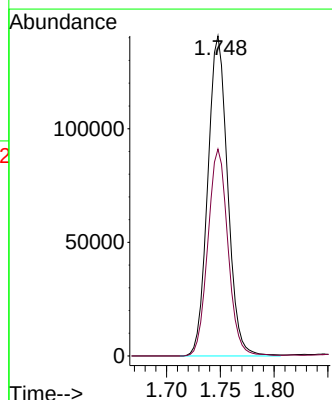
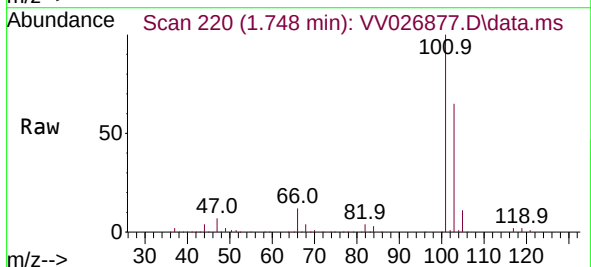
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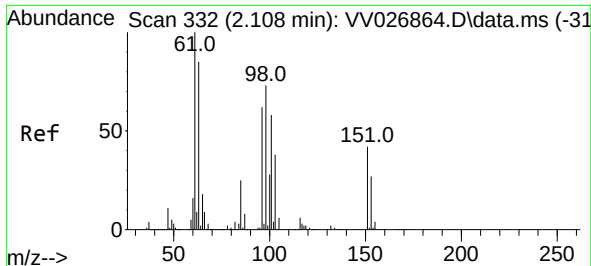
Tgt Ion: 64 Resp: 80345
Ion Ratio Lower Upper
64 100
66 33.4 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.018 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

Tgt Ion: 101 Resp: 181125
Ion Ratio Lower Upper
101 100
103 65.3 51.6 77.4

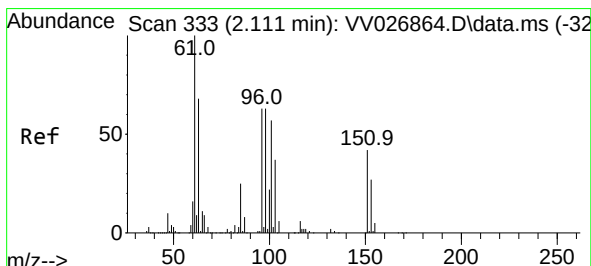
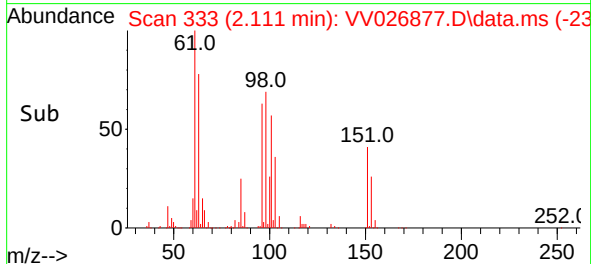
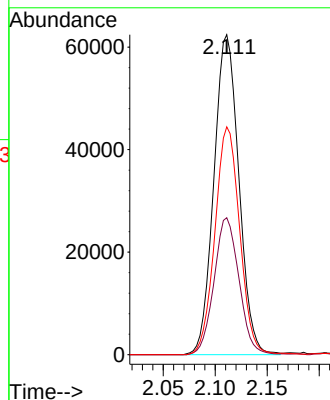
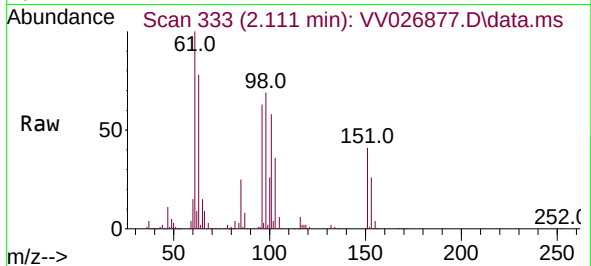




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.053 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV026877.D
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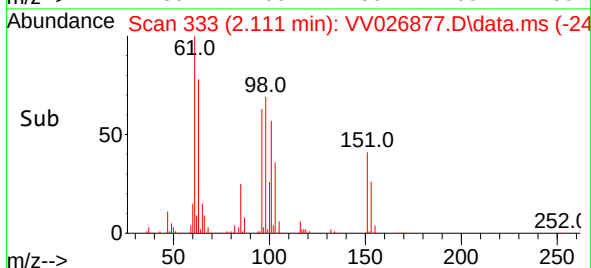
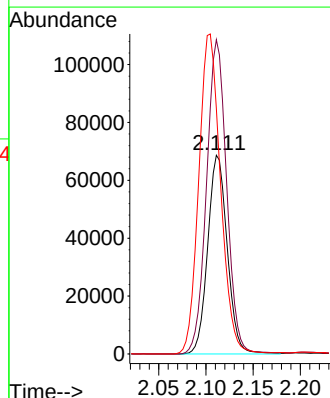
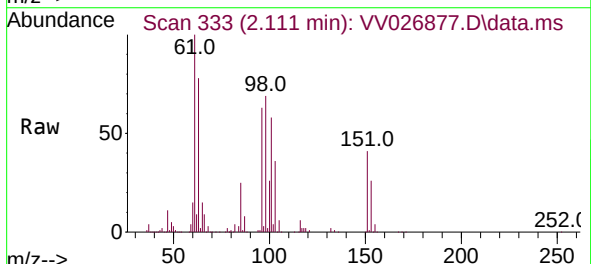
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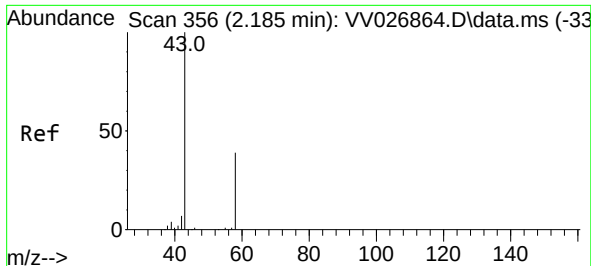
Tgt Ion:101 Resp: 104471
Ion Ratio Lower Upper
101 100
85 42.7 35.0 52.4
151 70.7 56.7 85.1



#12
1,1-Dichloroethene
Concen: 4.922 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

Tgt Ion: 96 Resp: 98683
Ion Ratio Lower Upper
96 100
61 158.0 118.3 219.7
63 123.5 79.9 148.3





#13

Acetone

Concen: 46.729 ug/L

RT: 2.179 min Scan# 3

Delta R.T. -0.006 min

Lab File: VV026877.D

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Instrument :

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ClientSampleId :

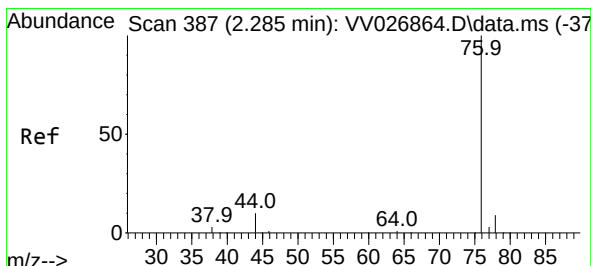
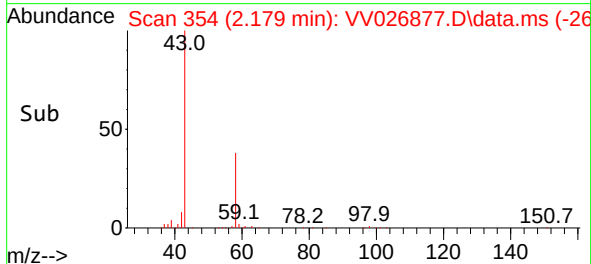
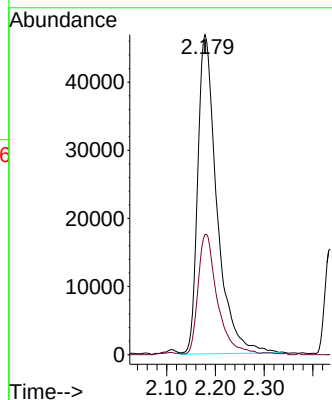
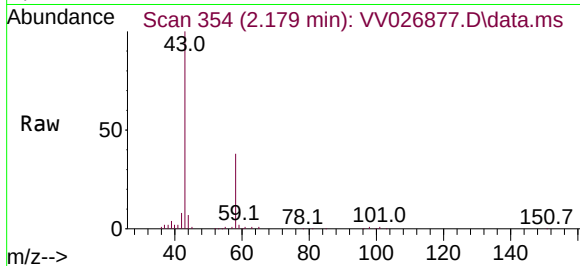
VSTD005364

Tgt Ion: 43 Resp: 127993

Ion Ratio Lower Upper

43 100

58 37.4 0.0 20.6#



#14

Carbon disulfide

Concen: 4.789 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

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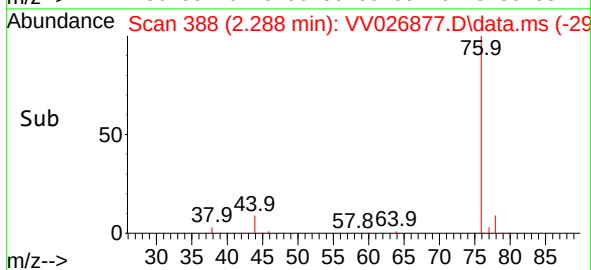
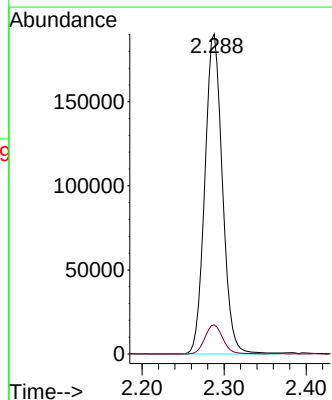
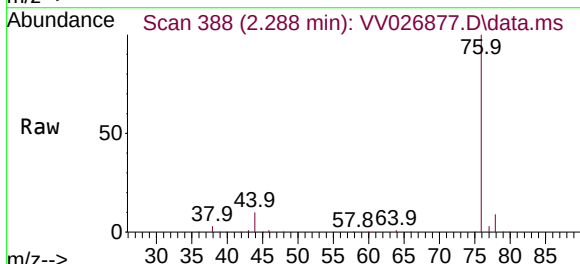
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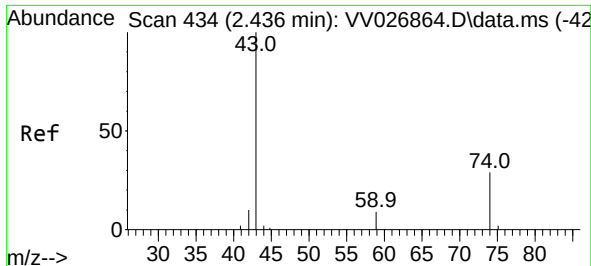
Tgt Ion: 76 Resp: 282876

Ion Ratio Lower Upper

76 100

78 9.1 7.7 11.5





#15

Methyl Acetate

Concen: 5.831 ug/L

RT: 2.436 min Scan# 41

Delta R.T. 0.000 min

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ClientSampleId :

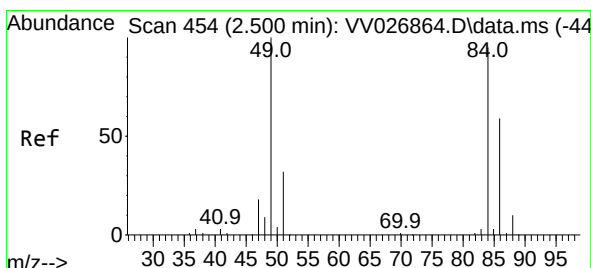
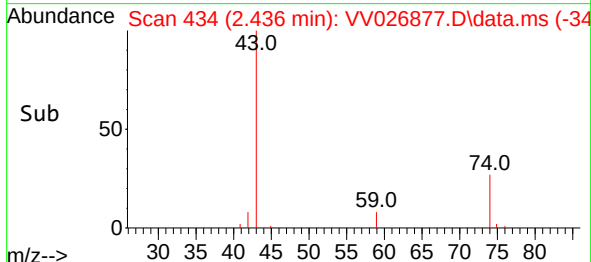
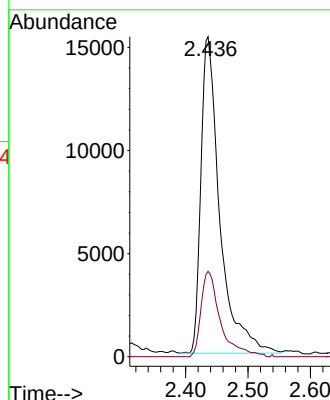
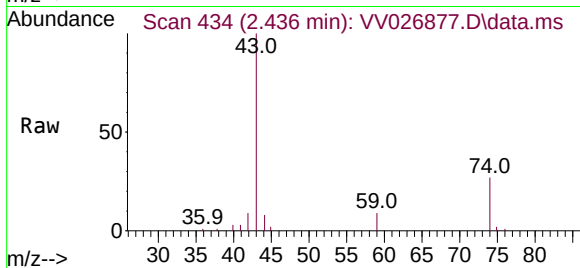
VSTD005364

Tgt Ion: 43 Resp: 32304

Ion Ratio Lower Upper

43 100

74 27.5 20.1 30.1



#16

Methylene chloride

Concen: 6.474 ug/L

RT: 2.500 min Scan# 454

Delta R.T. 0.000 min

Lab File: VV026877.D

Acq: 21 Jul 2022 16:34

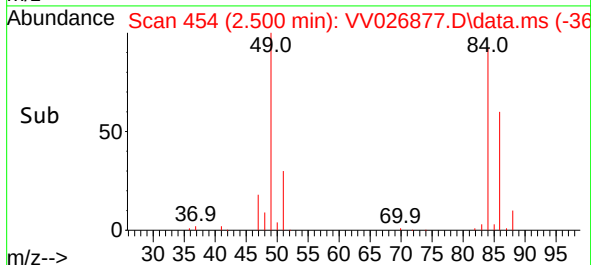
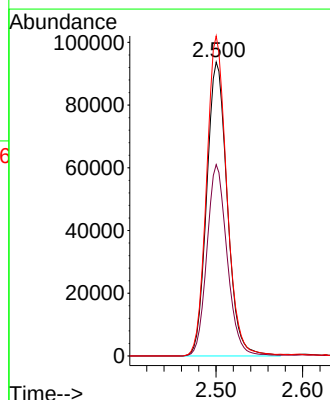
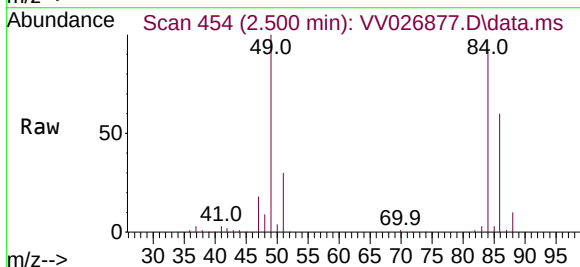
Tgt Ion: 84 Resp: 154598

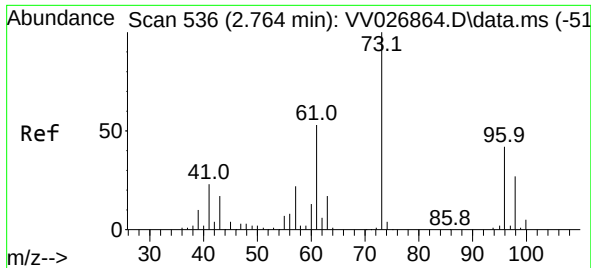
Ion Ratio Lower Upper

84 100

86 65.1 44.8 83.2

49 108.8 78.7 146.1

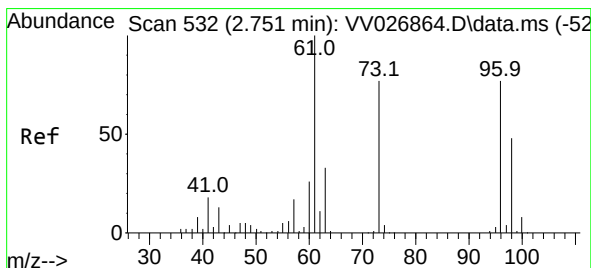
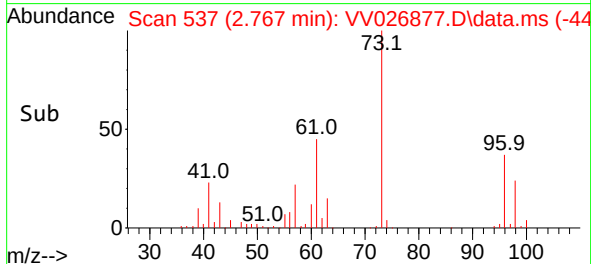
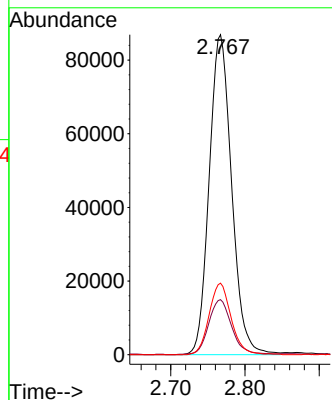
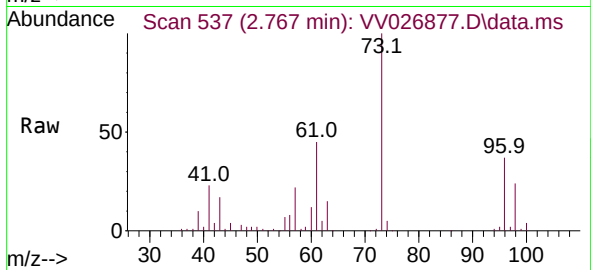




#17
Methyl tert-butyl Ether
Concen: 5.280 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

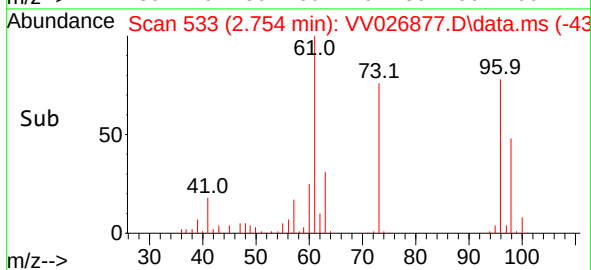
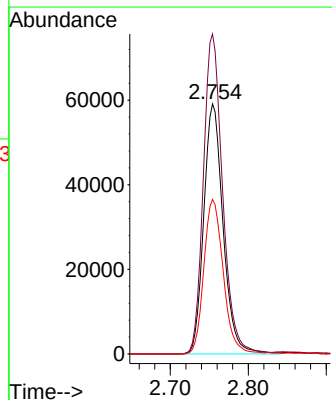
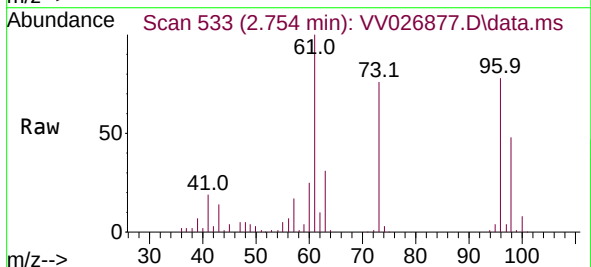
Instrument :
MSVOA_V
ClientSampleId :
VSTD005364

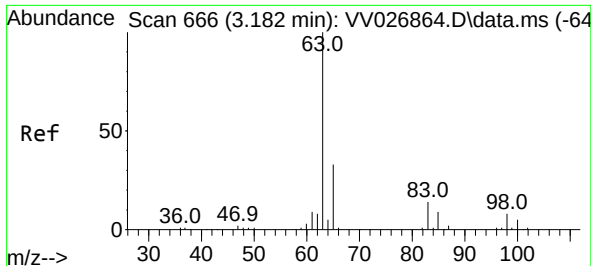
Tgt Ion: 73 Resp: 182372
Ion Ratio Lower Upper
73 100
43 17.7 14.0 21.0
57 21.8 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.533 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

Tgt Ion: 96 Resp: 101954
Ion Ratio Lower Upper
96 100
61 128.0 94.7 175.9
98 61.8 47.4 88.0

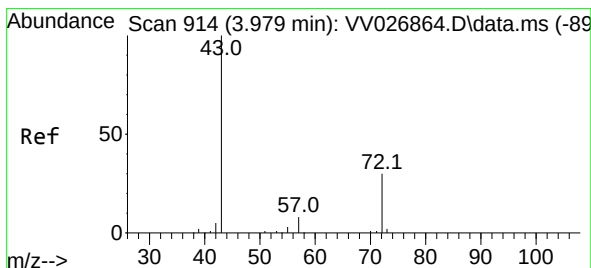
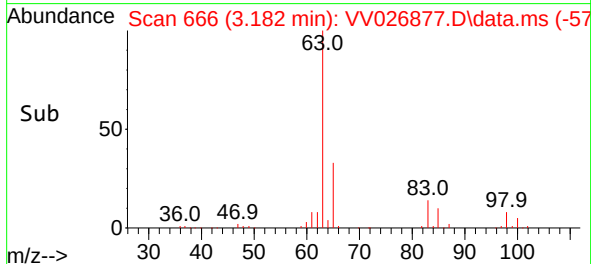
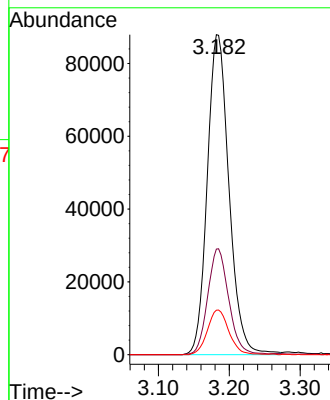
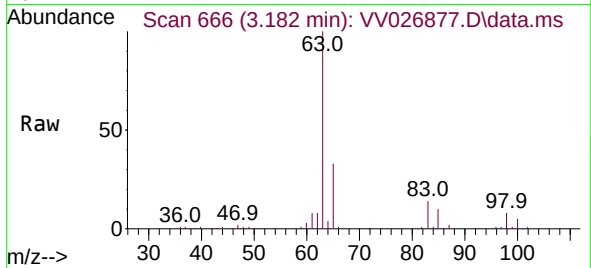




#19
1,1-Dichloroethane
Concen: 5.566 ug/L
RT: 3.182 min Scan# 60
Delta R.T. 0.000 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

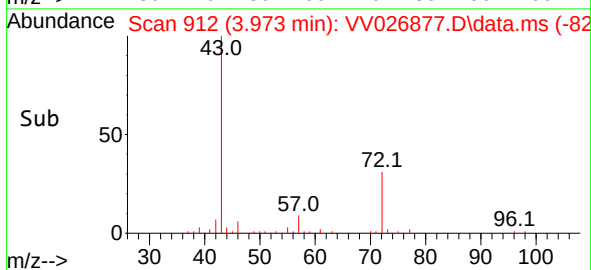
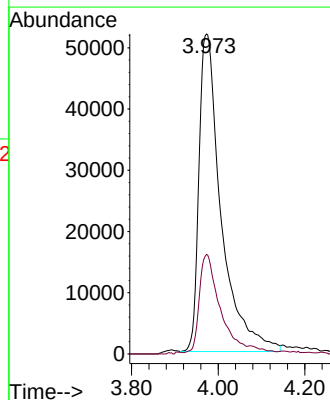
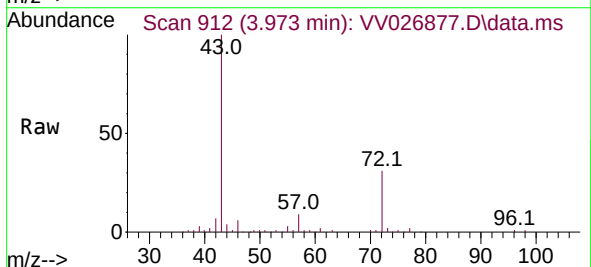
Instrument :
MSVOA_V
ClientSampleId :
VSTD005364

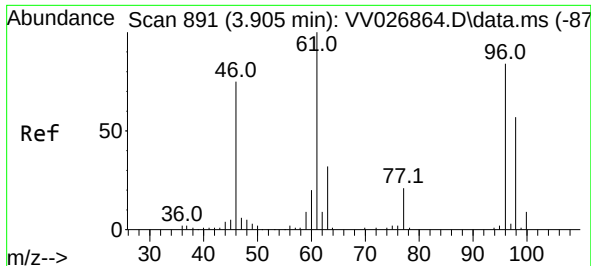
Tgt Ion: 63 Resp: 187291
Ion Ratio Lower Upper
63 100
65 33.0 22.3 41.3
83 13.9 9.9 18.5



#21
2-Butanone
Concen: 57.816 ug/L
RT: 3.973 min Scan# 912
Delta R.T. -0.006 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

Tgt Ion: 43 Resp: 184684
Ion Ratio Lower Upper
43 100
72 28.0 13.9 41.7

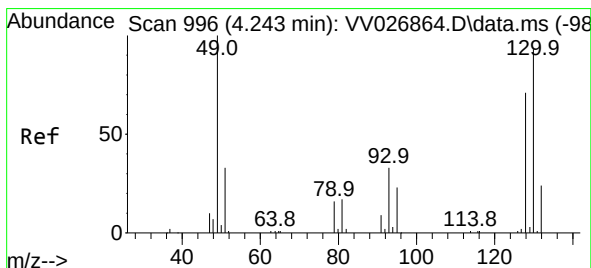
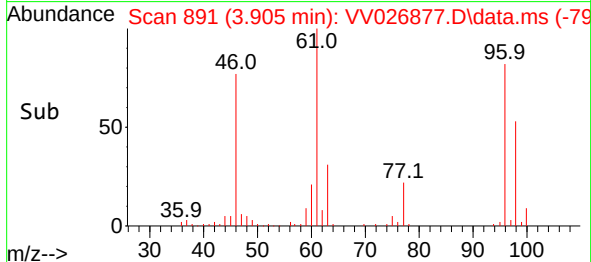
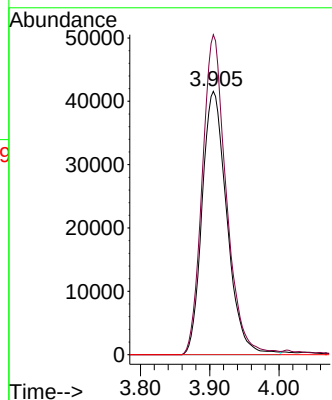
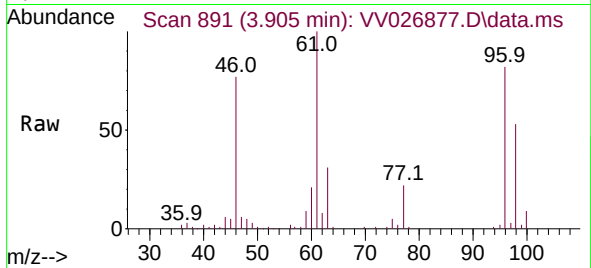




#22
 cis-1,2-Dichloroethene
 Concen: 5.552 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV026877.D
 Acq: 21 Jul 2022 16:34

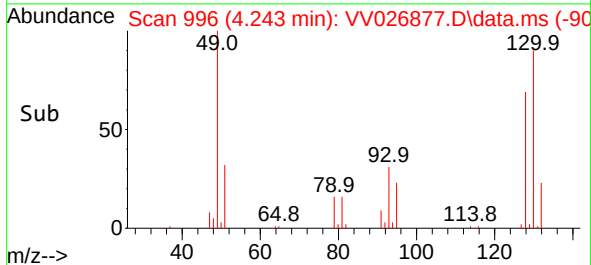
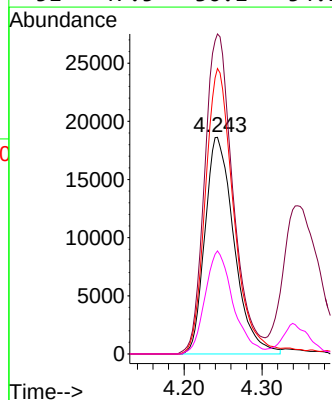
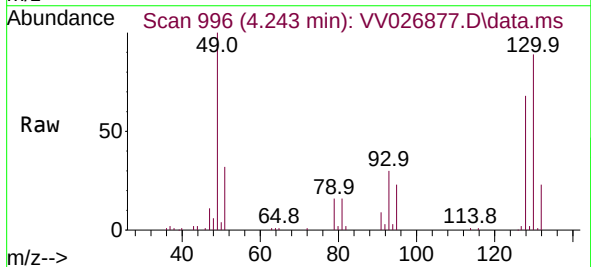
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005364

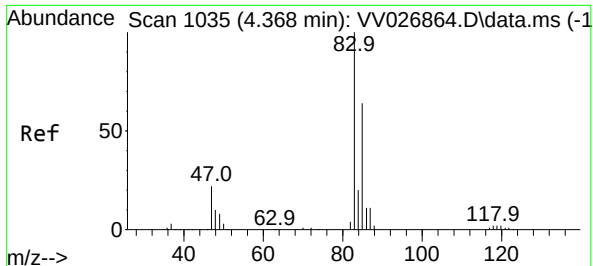
Tgt Ion: 96 Resp: 103171
 Ion Ratio Lower Upper
 96 100
 61 121.5 83.9 155.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.639 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VV026877.D
 Acq: 21 Jul 2022 16:34

Tgt Ion: 128 Resp: 48276
 Ion Ratio Lower Upper
 128 100
 49 147.7 107.2 199.2
 130 131.7 87.1 161.7
 51 47.5 36.1 54.1

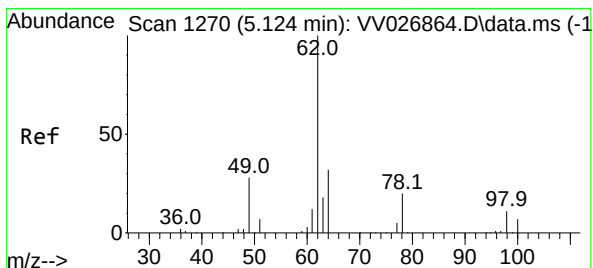
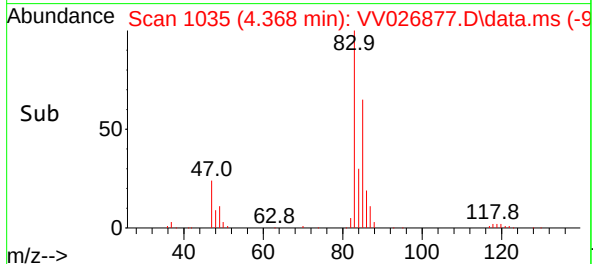
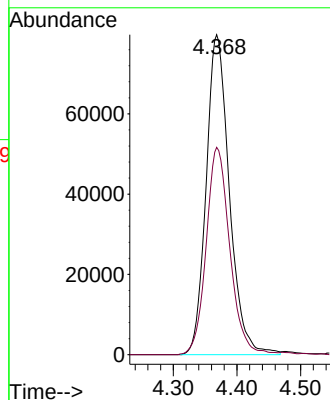
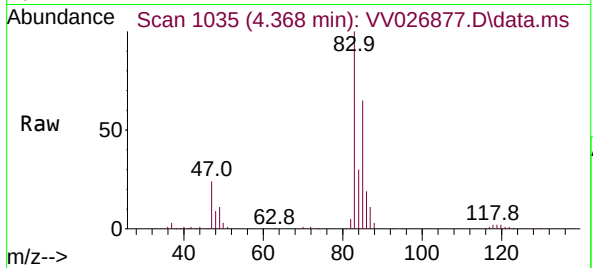




#25
Chloroform
Concen: 5.740 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

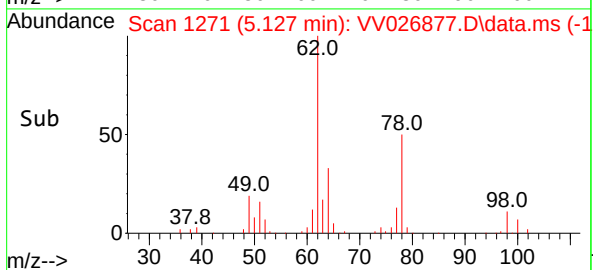
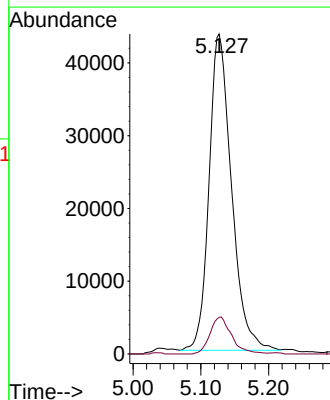
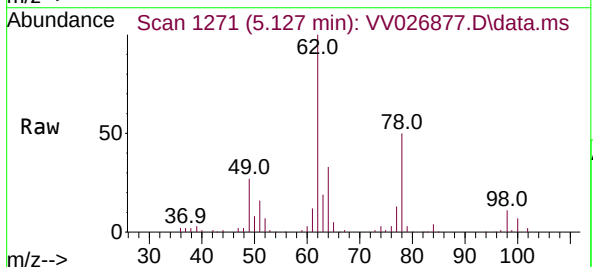
Instrument :
MSVOA_V
ClientSampleId :
VSTD005364

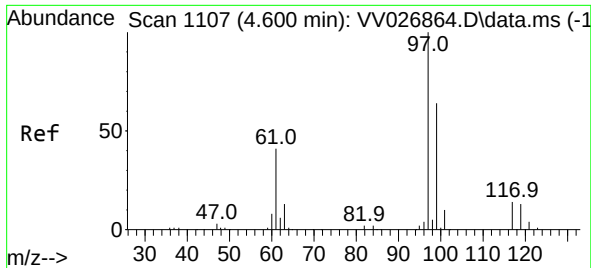
Tgt Ion: 83 Resp: 202281
Ion Ratio Lower Upper
83 100
85 64.8 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.277 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

Tgt Ion: 62 Resp: 100209
Ion Ratio Lower Upper
62 100
98 11.5 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 5.428 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV026877.D

Acq: 21 Jul 2022 16:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005364

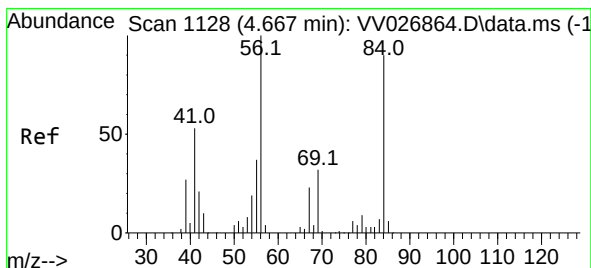
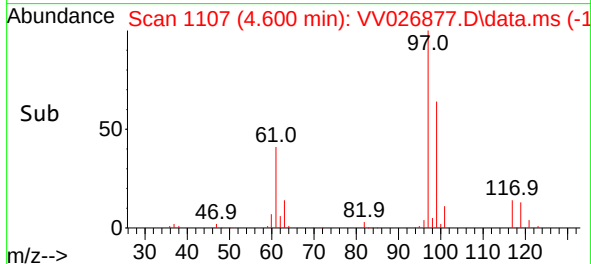
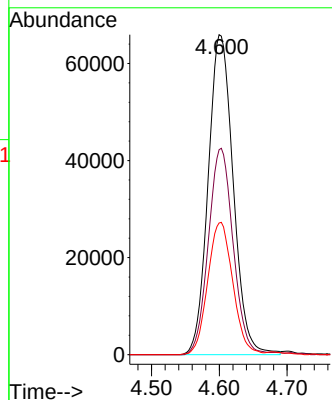
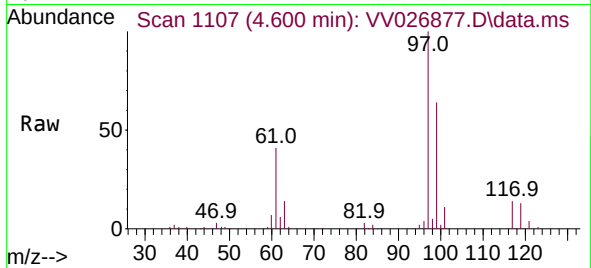
Tgt Ion: 97 Resp: 169308

Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 41.4 35.1 52.7



#30

Cyclohexane

Concen: 4.830 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VV026877.D

Acq: 21 Jul 2022 16:34

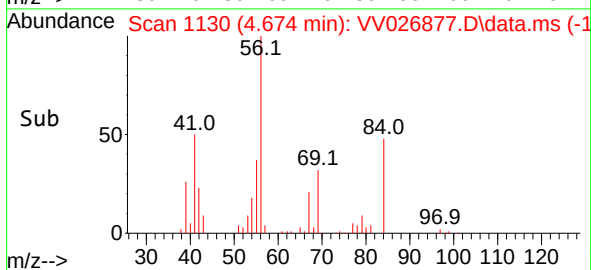
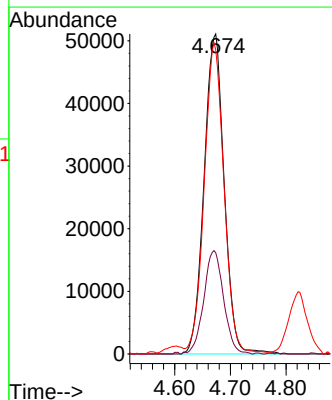
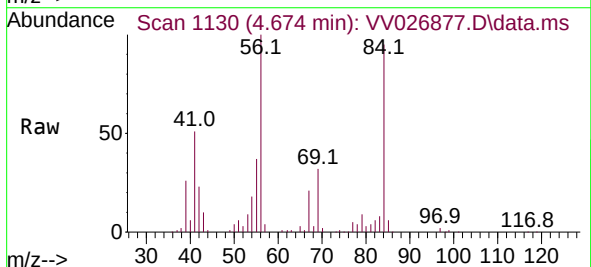
Tgt Ion: 56 Resp: 128380

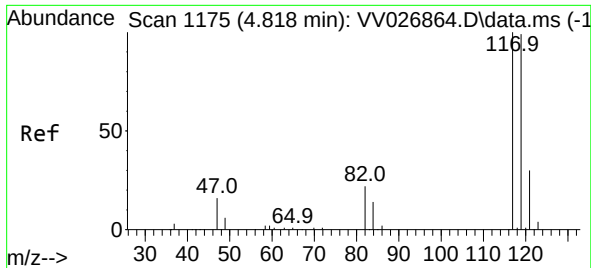
Ion Ratio Lower Upper

56 100

69 31.8 25.1 37.7

84 95.0 74.0 111.0

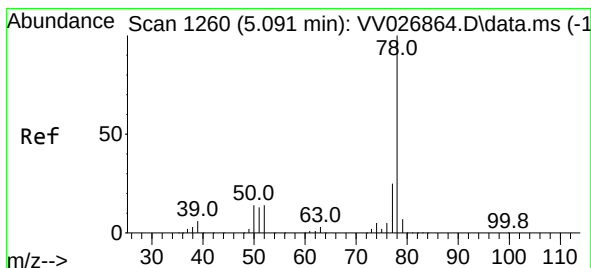
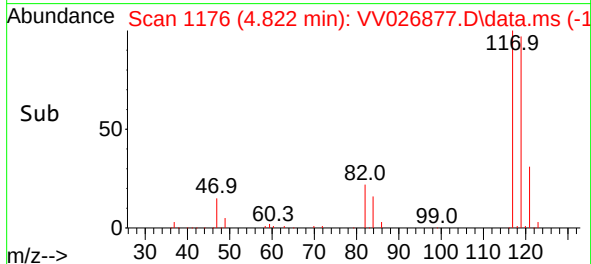
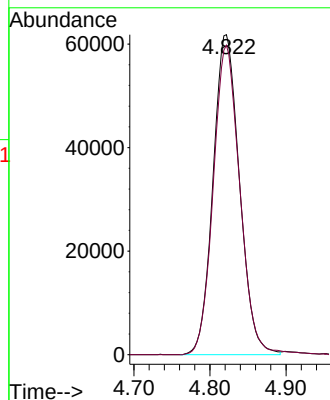
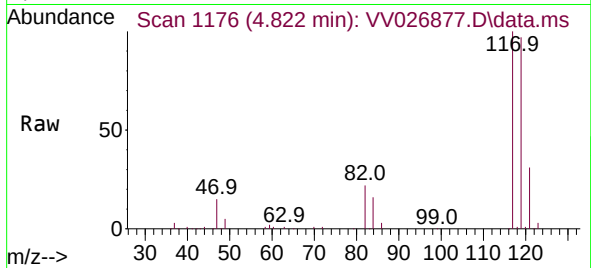




#31
Carbon tetrachloride
Concen: 5.419 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

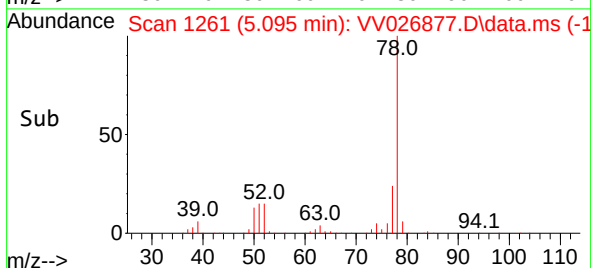
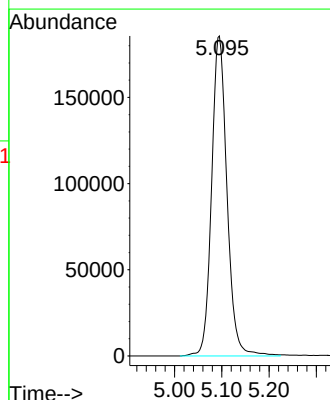
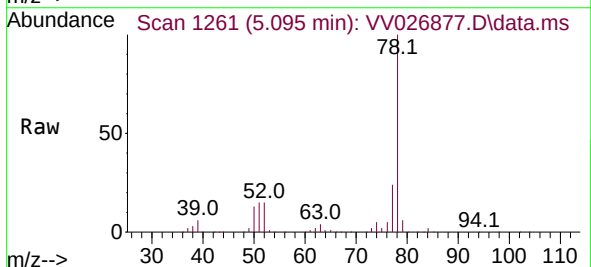
Instrument :
MSVOA_V
ClientSampleId :
VSTD005364

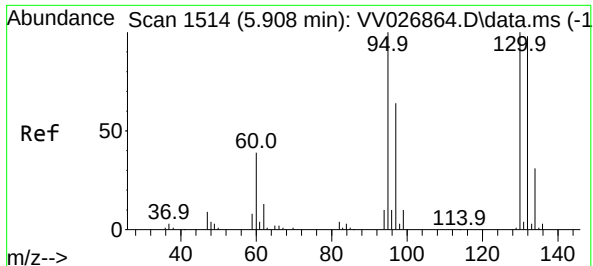
Tgt Ion:117 Resp: 149286
Ion Ratio Lower Upper
117 100
119 97.4 75.1 112.7



#33
Benzene
Concen: 5.430 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

Tgt Ion: 78 Resp: 420236

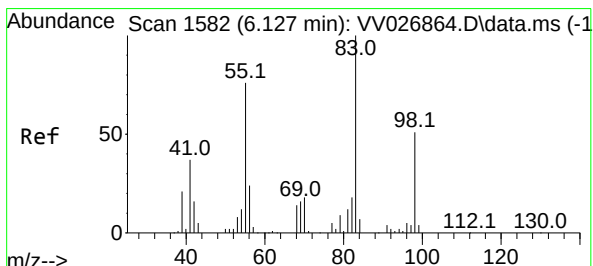
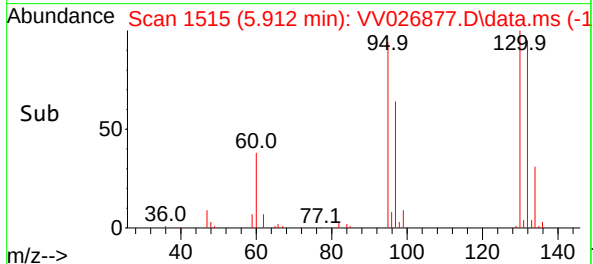
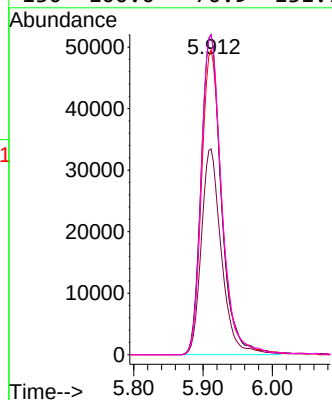
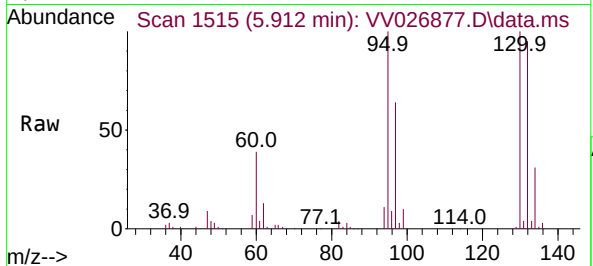




#34
Trichloroethene
Concen: 5.533 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

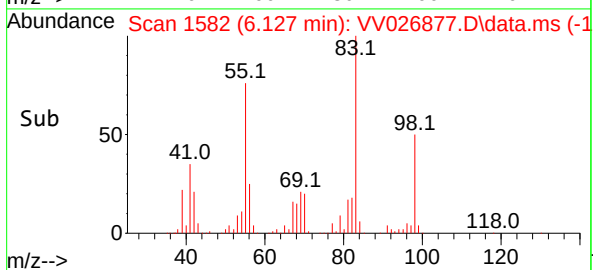
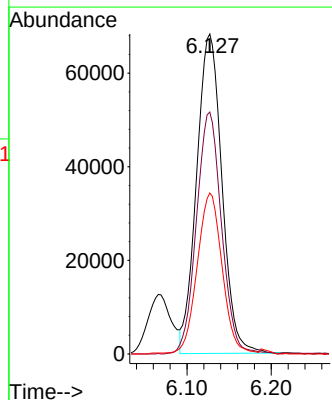
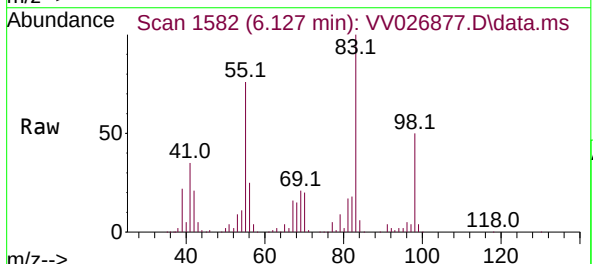
Instrument :
MSVOA_V
ClientSampleId :
VSTD005364

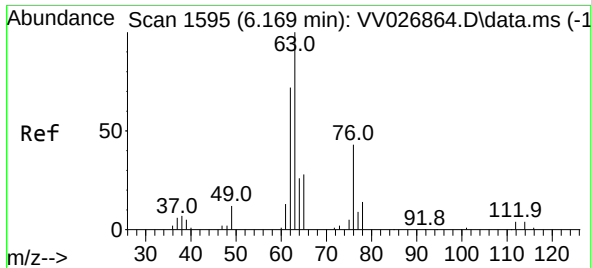
Tgt Ion: 95 Resp: 105247
Ion Ratio Lower Upper
95 100
97 64.3 44.6 82.8
132 95.3 70.2 130.4
130 100.0 70.9 131.7



#35
Methylcyclohexane
Concen: 4.920 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

Tgt Ion: 83 Resp: 142835
Ion Ratio Lower Upper
83 100
55 75.1 59.5 89.3
98 48.7 38.3 57.5





#37

1,2-Dichloropropane

Concen: 5.797 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV026877.D

Acq: 21 Jul 2022 16:34

Instrument :

MSVOA_V

ClientSampleId :

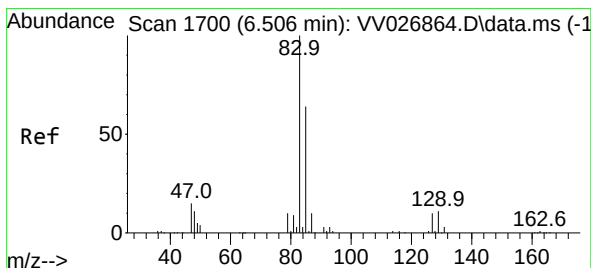
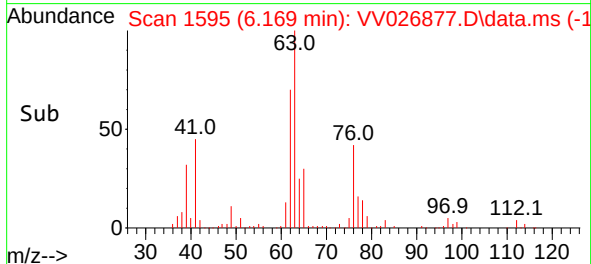
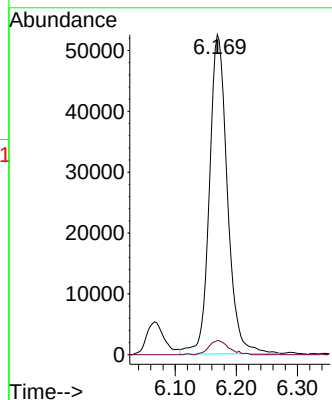
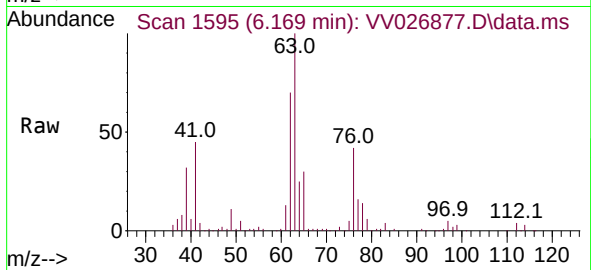
VSTD005364

Tgt Ion: 63 Resp: 107275

Ion Ratio Lower Upper

63 100

112 4.9 4.2 6.2



#38

Bromodichloromethane

Concen: 5.489 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV026877.D

Acq: 21 Jul 2022 16:34

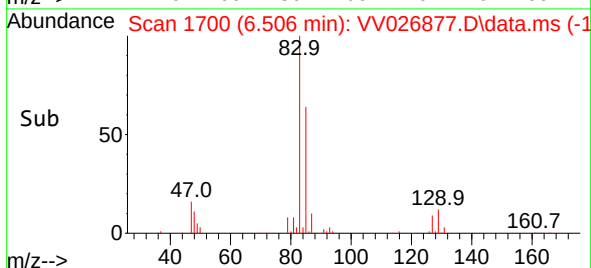
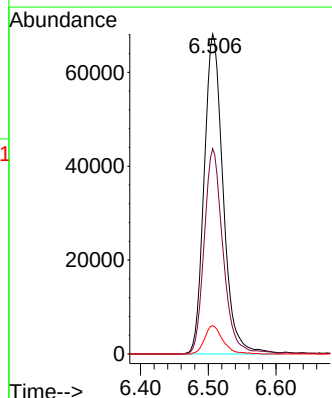
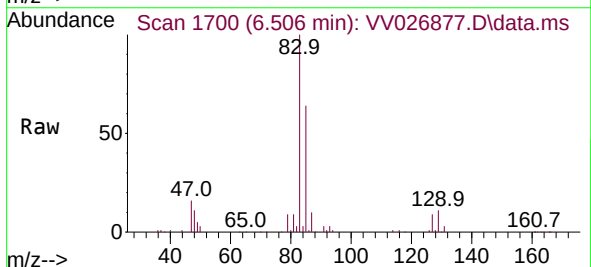
Tgt Ion: 83 Resp: 132416

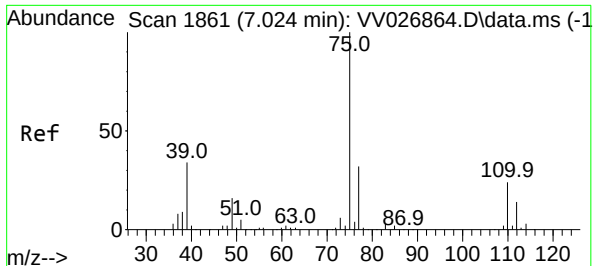
Ion Ratio Lower Upper

83 100

85 64.1 45.4 84.4

127 8.8 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.309 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV026877.D

Acq: 21 Jul 2022 16:34

Instrument :

MSVOA_V

ClientSampleId :

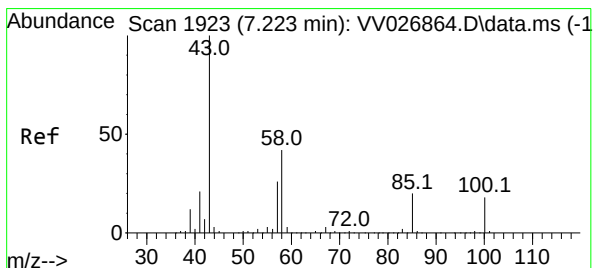
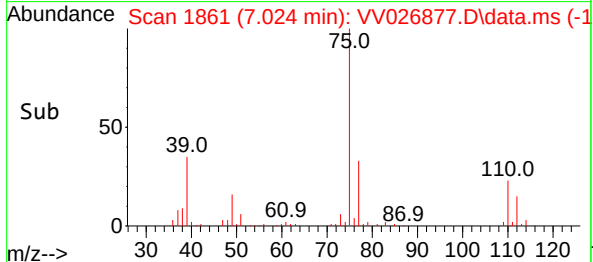
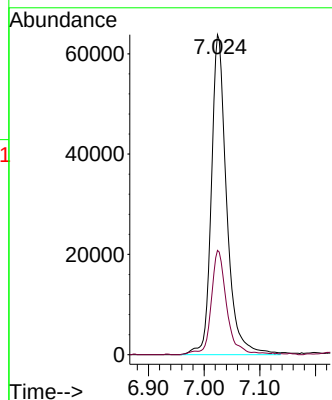
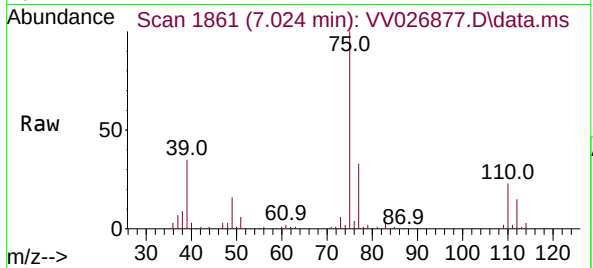
VSTD005364

Tgt Ion: 75 Resp: 122092

Ion Ratio Lower Upper

75 100

77 32.6 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 52.628 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV026877.D

Acq: 21 Jul 2022 16:34

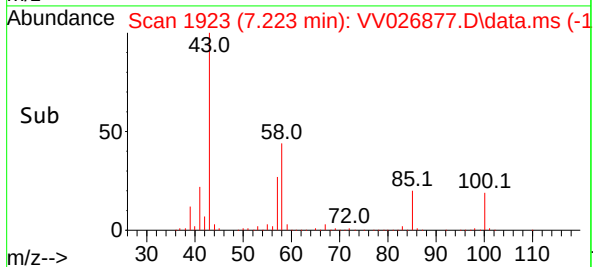
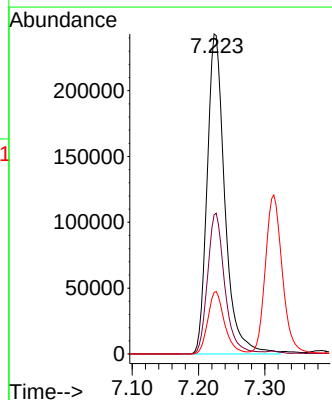
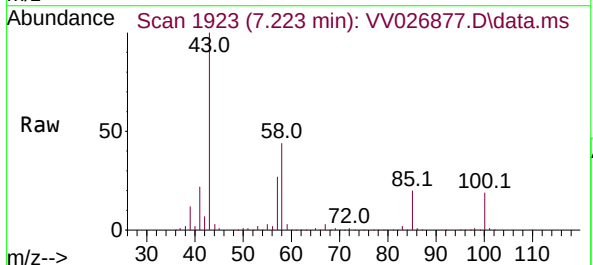
Tgt Ion: 43 Resp: 449876

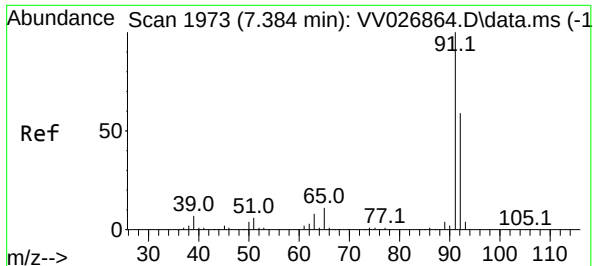
Ion Ratio Lower Upper

43 100

58 43.1 34.6 51.8

100 18.5 13.6 20.4





#42

Toluene

Concen: 5.679 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV026877.D

Acq: 21 Jul 2022 16:34

Instrument :

MSVOA_V

ClientSampleId :

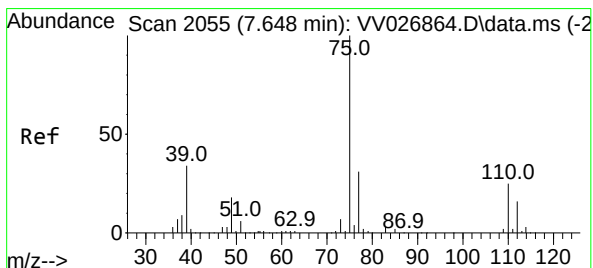
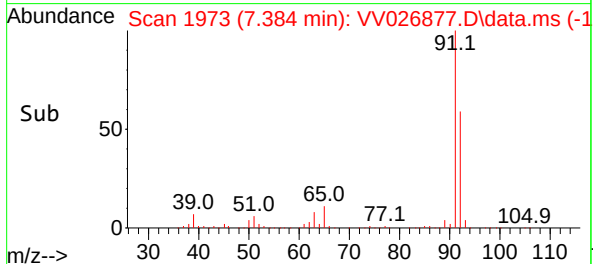
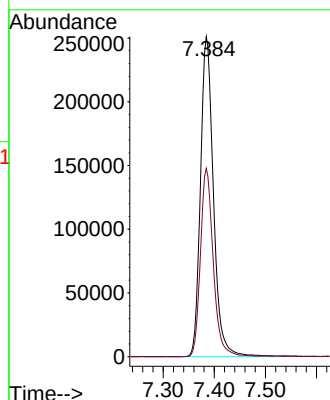
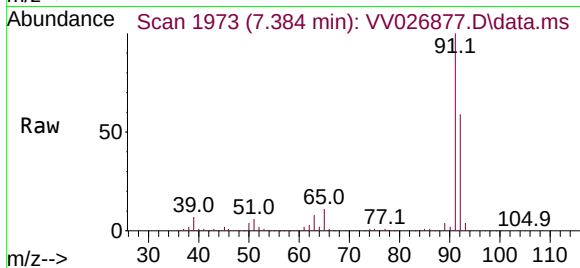
VSTD005364

Tgt Ion: 91 Resp: 443847

Ion Ratio Lower Upper

91 100

92 58.9 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.446 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV026877.D

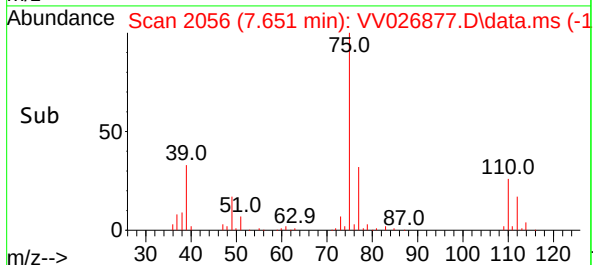
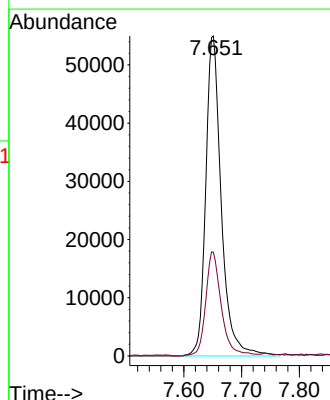
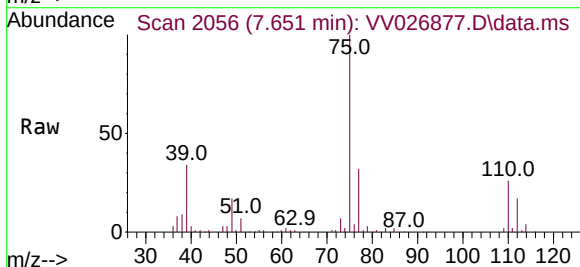
Acq: 21 Jul 2022 16:34

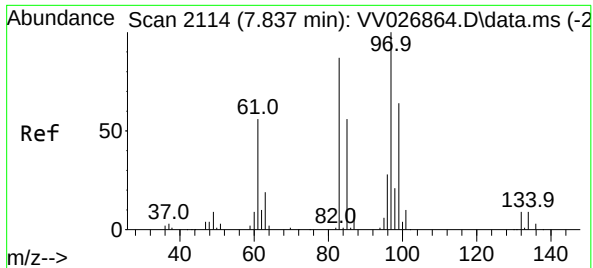
Tgt Ion: 75 Resp: 102838

Ion Ratio Lower Upper

75 100

77 32.5 22.7 42.3

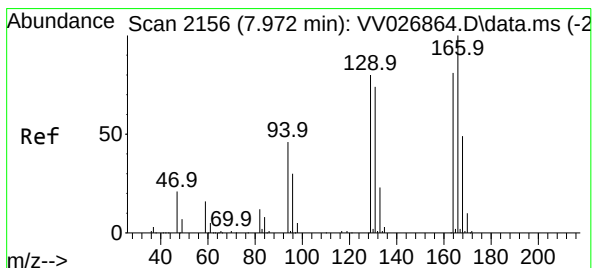
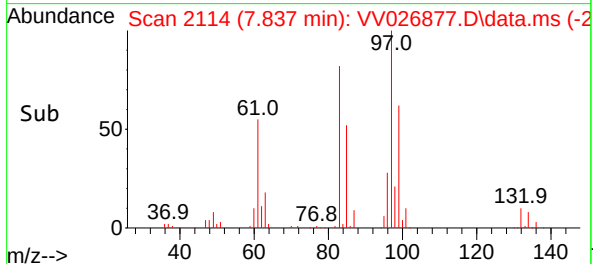
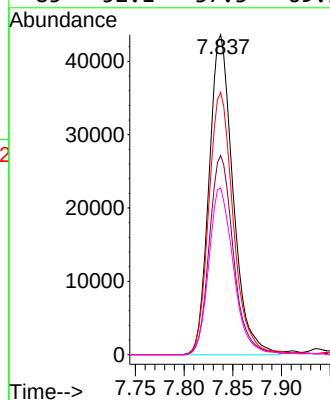
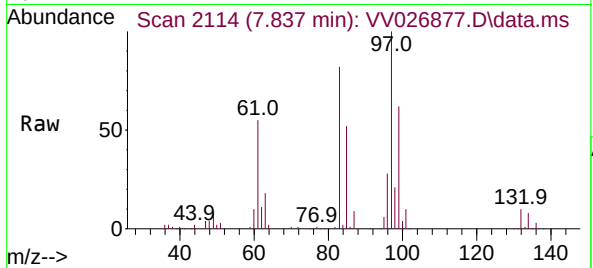




#45
1,1,2-Trichloroethane
Concen: 5.518 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

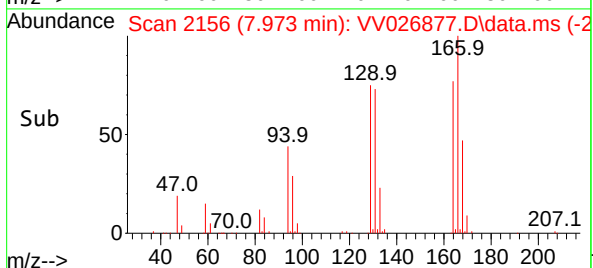
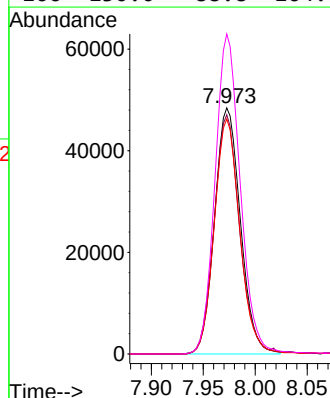
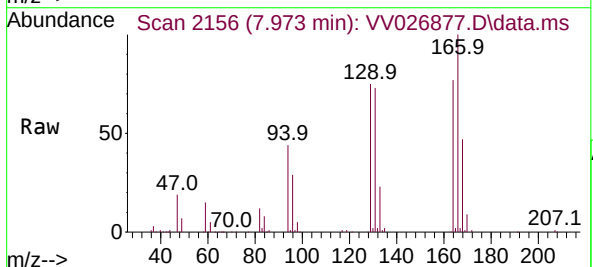
Instrument :
MSVOA_V
ClientSampleId :
VSTD005364

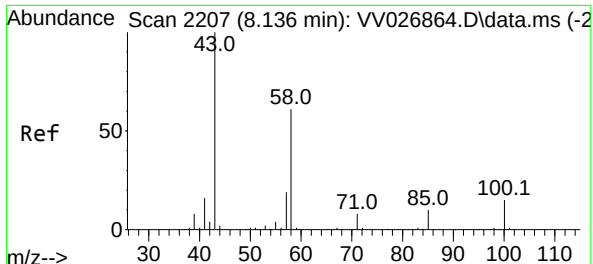
Tgt Ion:	97	Resp:	74643
Ion	Ratio	Lower	Upper
97	100		
99	62.3	41.9	77.9
83	82.0	58.1	107.9
85	52.1	37.3	69.3



#47
Tetrachloroethene
Concen: 5.604 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

Tgt Ion:	164	Resp:	83602
Ion	Ratio	Lower	Upper
164	100		
129	97.2	67.8	125.8
131	95.5	65.9	122.5
166	130.0	88.8	164.8



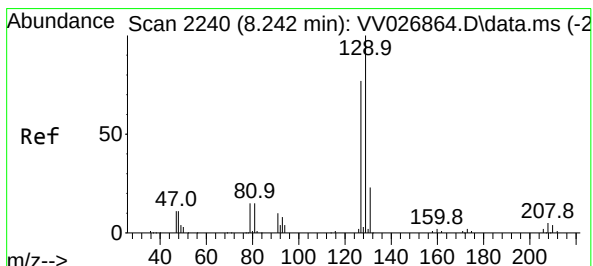
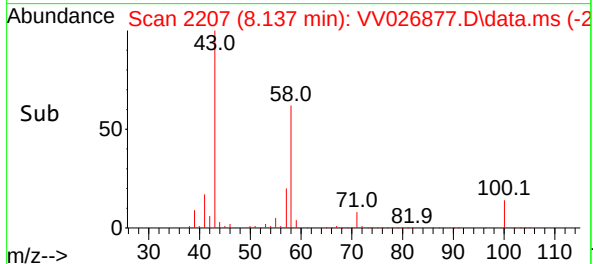
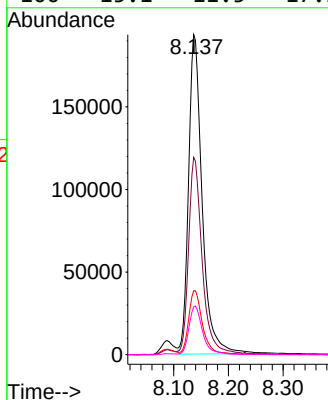
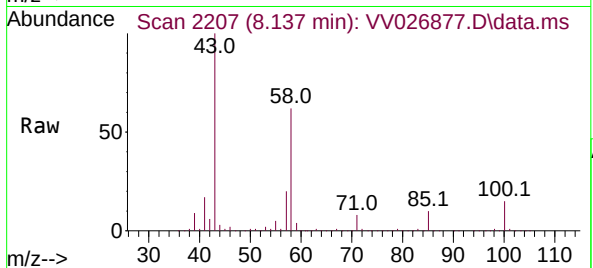


#48
2-Hexanone
Concen: 54.098 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD005364

Tgt Ion: 43 Resp: 334689

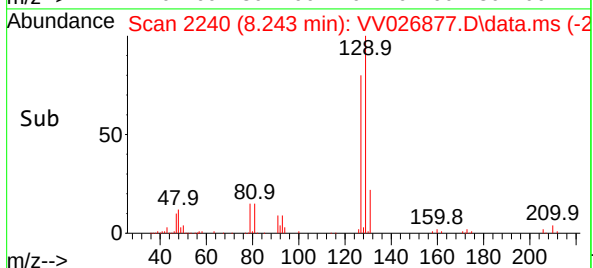
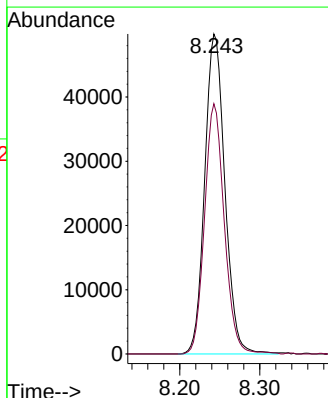
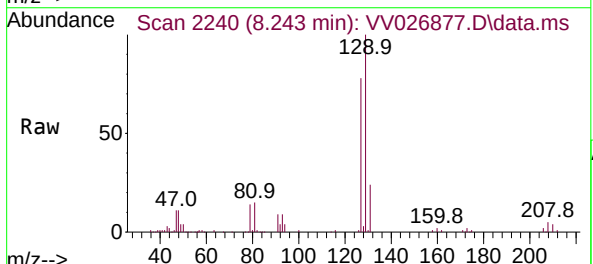
Ion	Ratio	Lower	Upper
43	100		
58	60.6	47.9	71.9
57	20.4	16.3	24.5
100	15.1	11.5	17.3

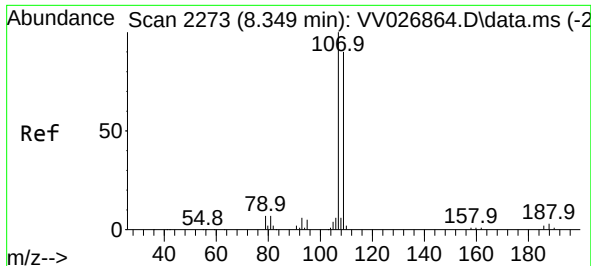


#49
Dibromochloromethane
Concen: 5.604 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

Tgt Ion: 129 Resp: 87372

Ion	Ratio	Lower	Upper
129	100		
127	78.2	55.7	103.5





#50

1,2-Dibromoethane

Concen: 5.559 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026877.D

Acq: 21 Jul 2022 16:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005364

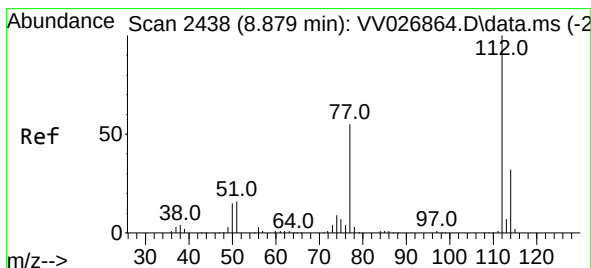
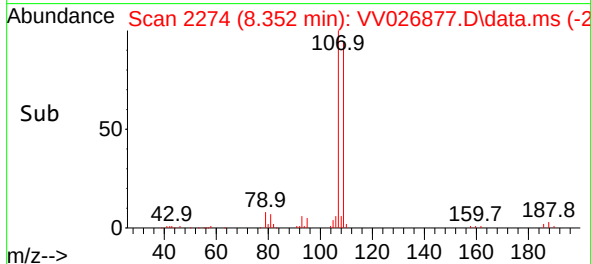
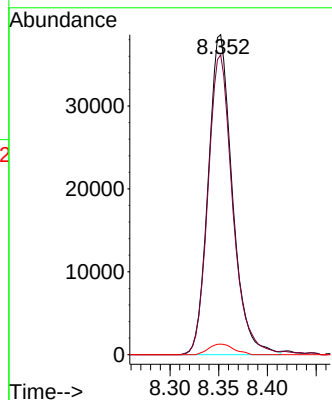
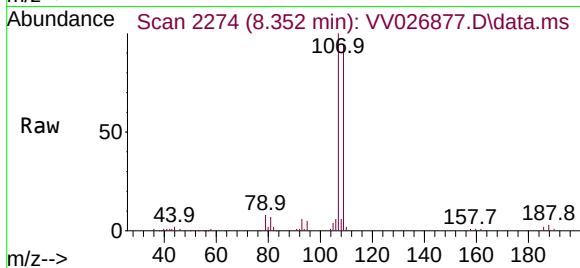
Tgt Ion:107 Resp: 66539

Ion Ratio Lower Upper

107 100

109 93.7 68.0 126.4

188 3.3 2.8 4.2



#51

Chlorobenzene

Concen: 5.574 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV026877.D

Acq: 21 Jul 2022 16:34

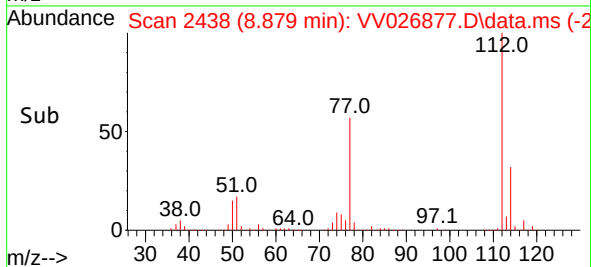
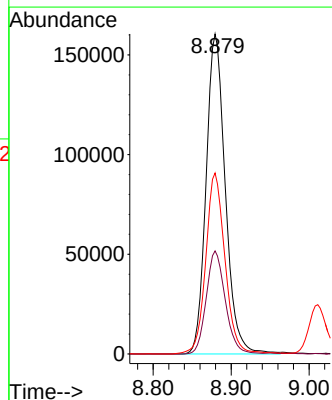
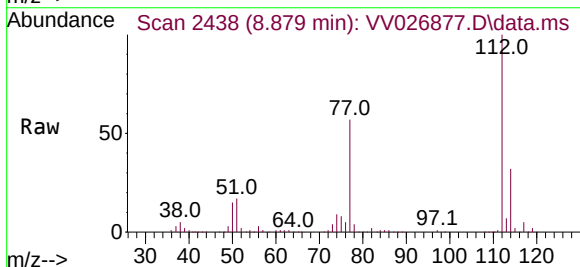
Tgt Ion:112 Resp: 275469

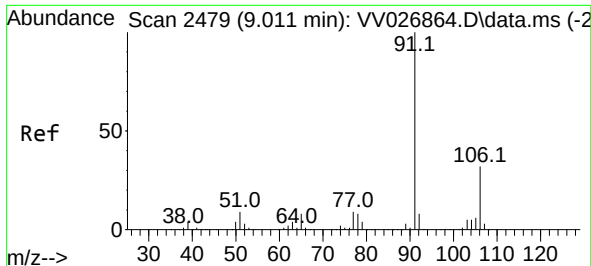
Ion Ratio Lower Upper

112 100

114 32.2 22.7 42.1

77 56.5 46.6 70.0





#52

Ethylbenzene

Concen: 5.299 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV026877.D

Acq: 21 Jul 2022 16:34

Instrument :

MSVOA_V

ClientSampleId :

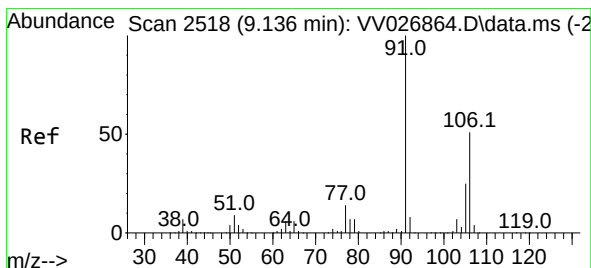
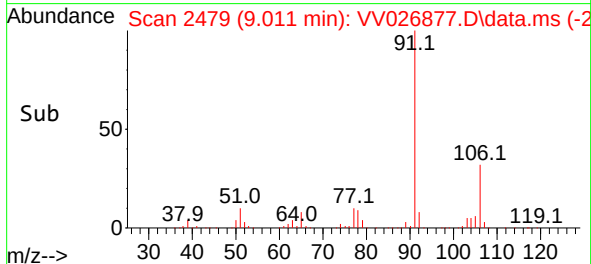
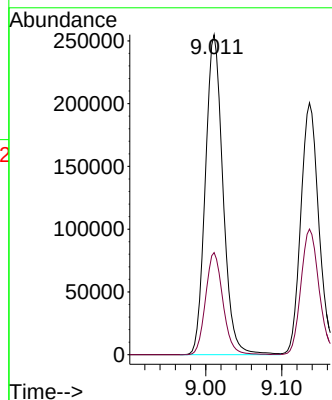
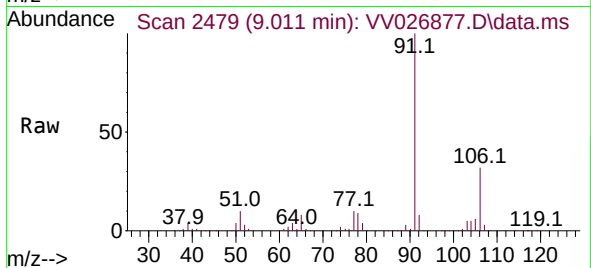
VSTD005364

Tgt Ion: 91 Resp: 409867

Ion Ratio Lower Upper

91 100

106 31.9 21.6 40.2



#53

m,p-Xylene

Concen: 5.520 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV026877.D

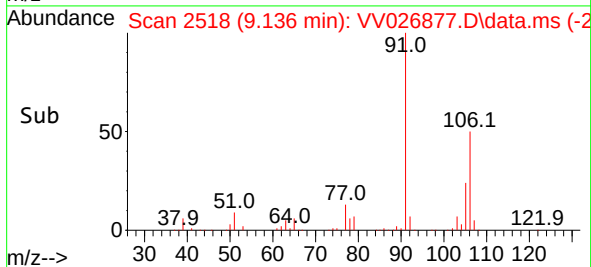
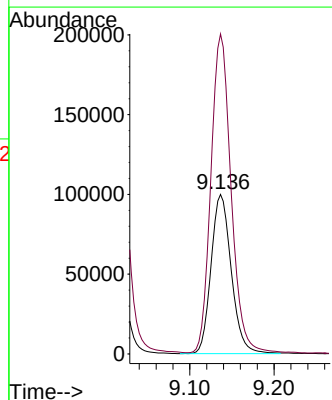
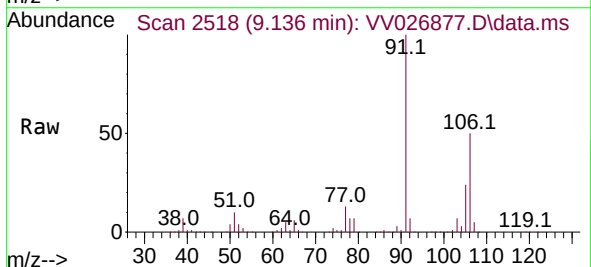
Acq: 21 Jul 2022 16:34

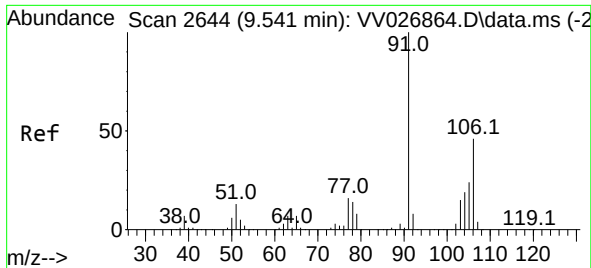
Tgt Ion: 106 Resp: 166036

Ion Ratio Lower Upper

106 100

91 200.6 139.3 258.7

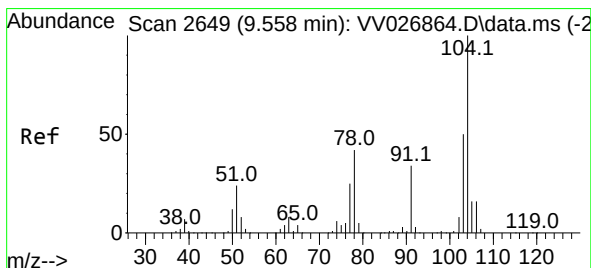
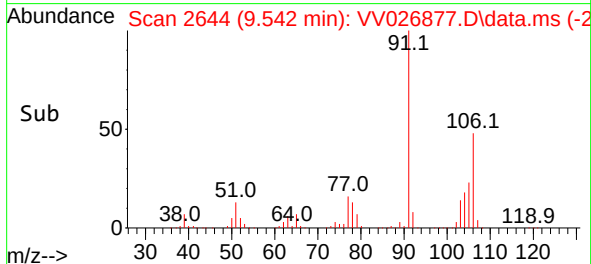
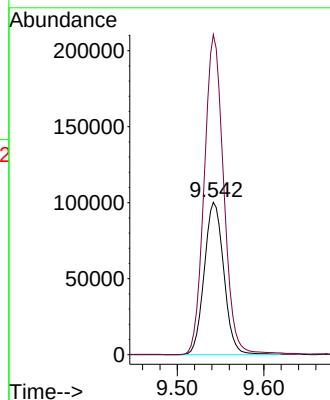
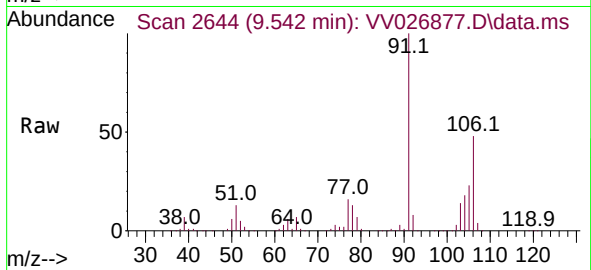




#54
o-Xylene
Concen: 5.506 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

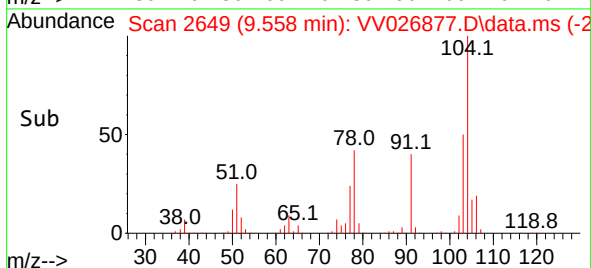
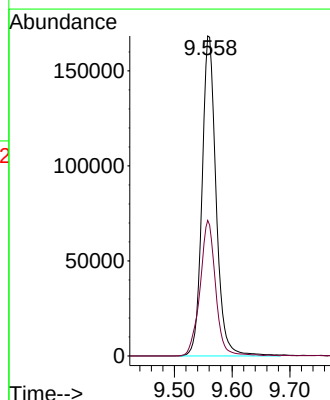
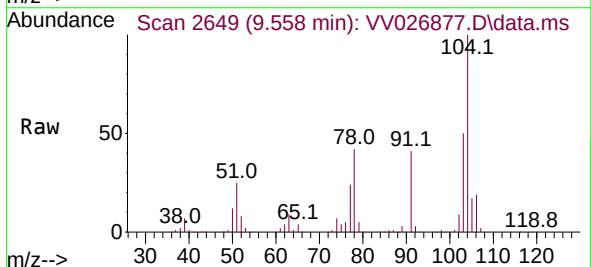
Instrument :
MSVOA_V
ClientSampleId :
VSTD005364

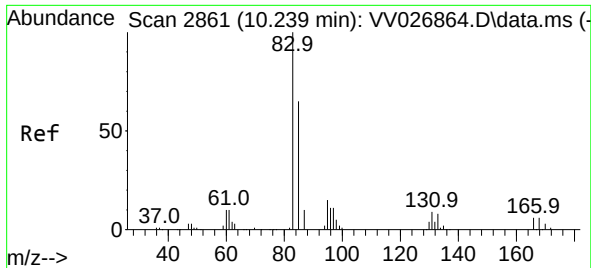
Tgt Ion:106 Resp: 157406
Ion Ratio Lower Upper
106 100
91 209.8 151.1 280.7



#55
Styrene
Concen: 5.702 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

Tgt Ion:104 Resp: 285659
Ion Ratio Lower Upper
104 100
78 42.3 29.5 54.9

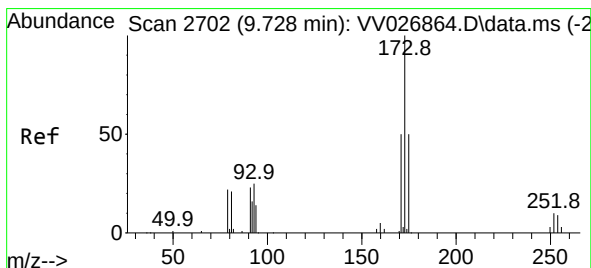
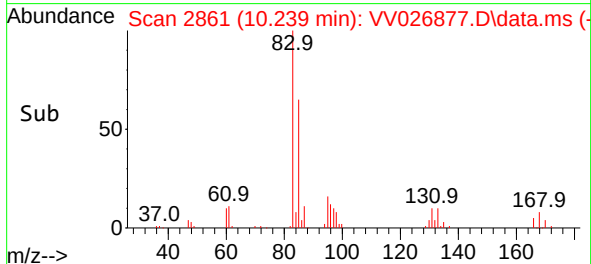
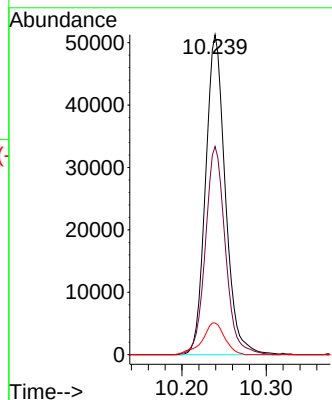
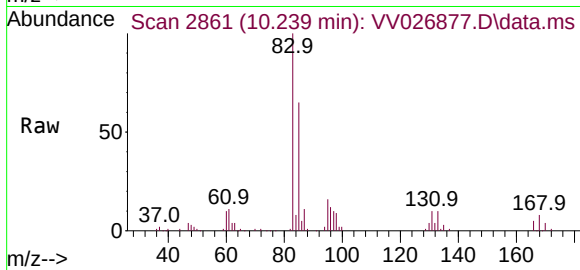




#57
1,1,2,2-Tetrachloroethane
Concen: 5.221 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

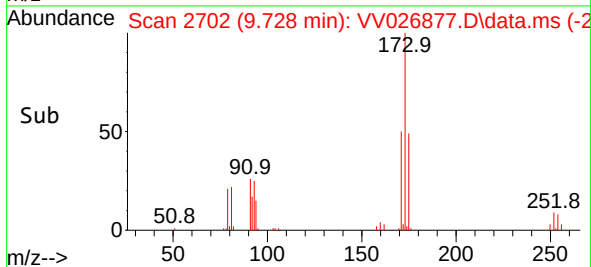
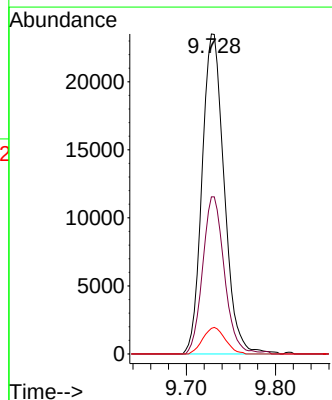
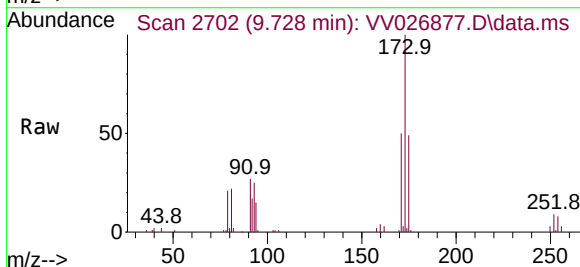
Instrument :
MSVOA_V
ClientSampleId :
VSTD005364

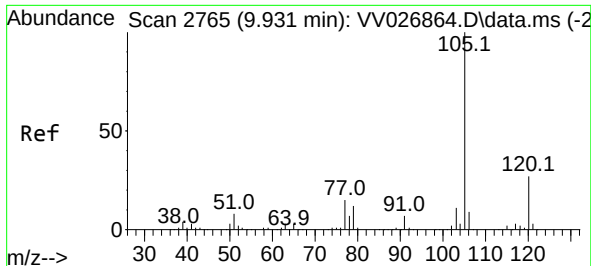
Tgt Ion: 83 Resp: 83615
Ion Ratio Lower Upper
83 100
85 65.1 43.6 81.0
131 9.9 7.4 11.2



#59
Bromoform
Concen: 4.941 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

Tgt Ion: 173 Resp: 40494
Ion Ratio Lower Upper
173 100
175 48.2 40.7 61.1
254 8.4 6.5 9.7

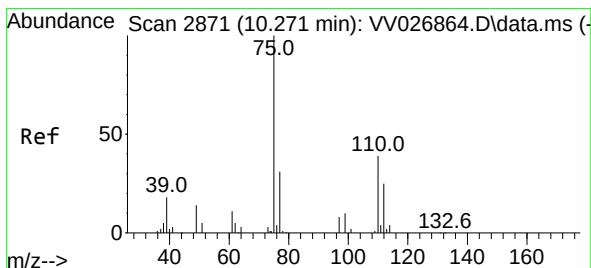
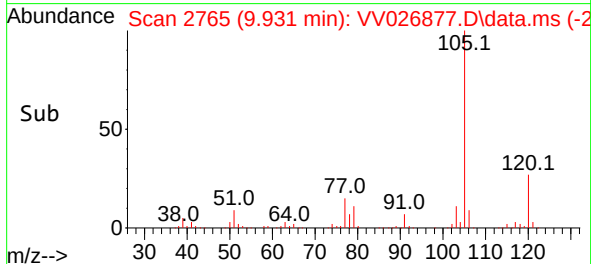
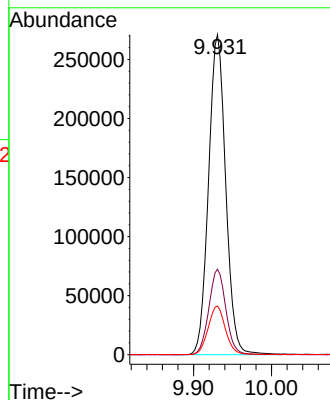
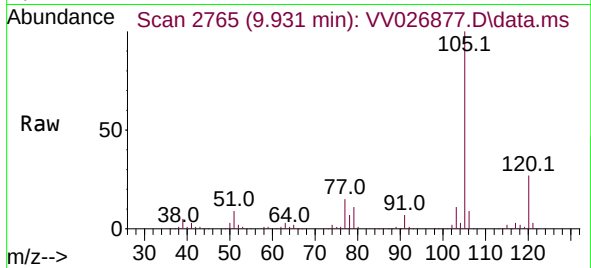




#60
Isopropylbenzene
Concen: 5.200 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

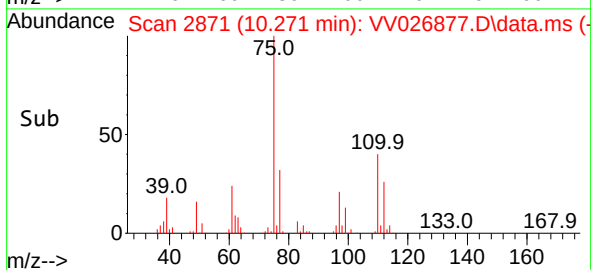
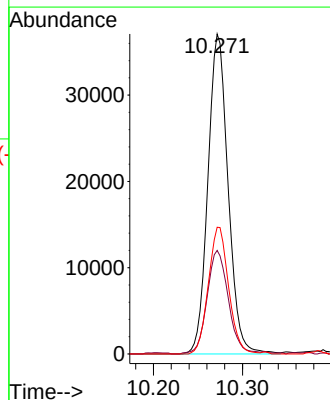
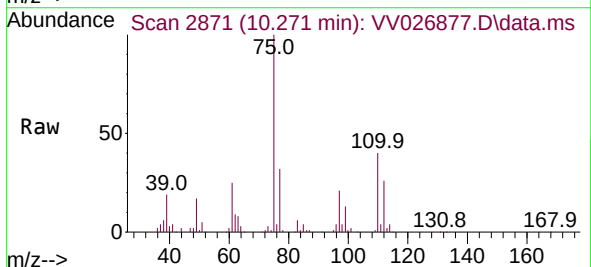
Instrument :
MSVOA_V
ClientSampleId :
VSTD005364

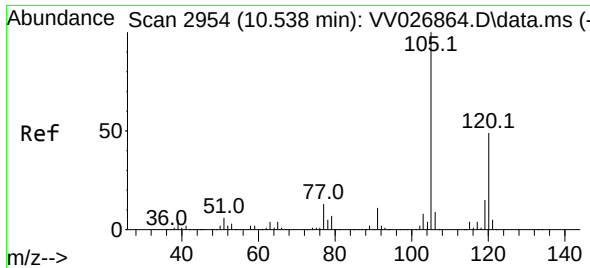
Tgt Ion:105 Resp: 414230
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 15.5 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.953 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

Tgt Ion: 75 Resp: 58338
Ion Ratio Lower Upper
75 100
77 34.0 25.4 38.0
110 39.8 31.8 47.6

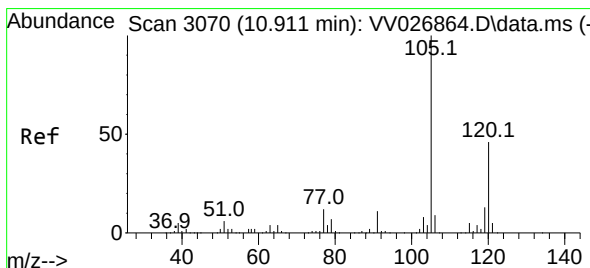
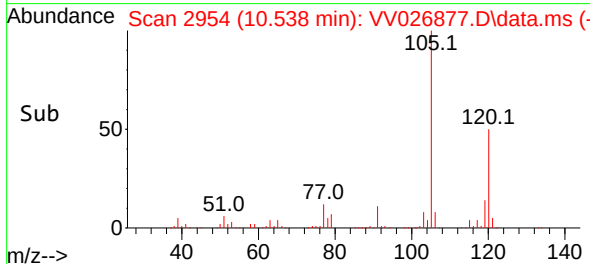
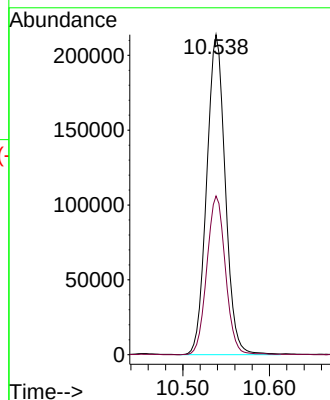
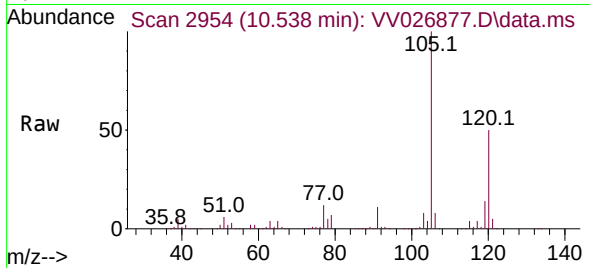




#62
 1,3,5-Trimethylbenzene
 Concen: 5.027 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026877.D
 Acq: 21 Jul 2022 16:34

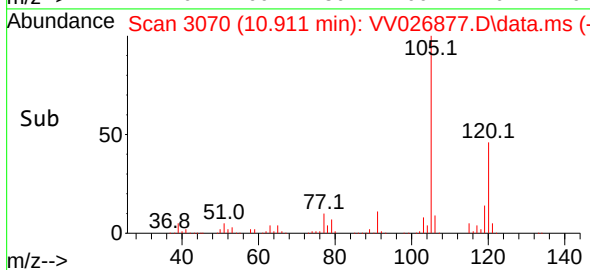
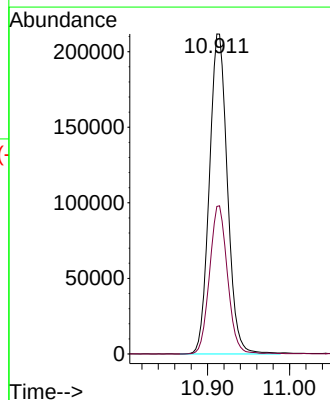
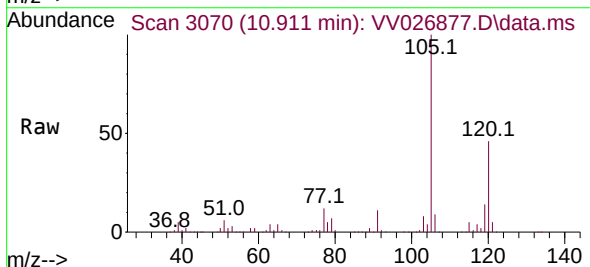
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005364

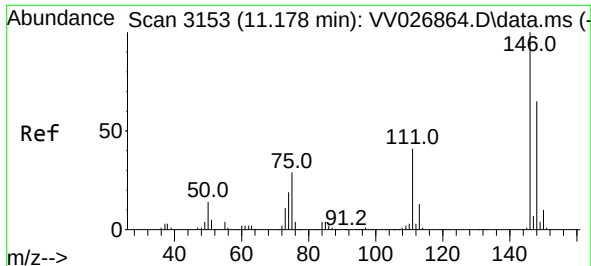
Tgt Ion:105 Resp: 318608
 Ion Ratio Lower Upper
 105 100
 120 49.7 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.024 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV026877.D
 Acq: 21 Jul 2022 16:34

Tgt Ion:105 Resp: 323389
 Ion Ratio Lower Upper
 105 100
 120 45.9 36.8 55.2

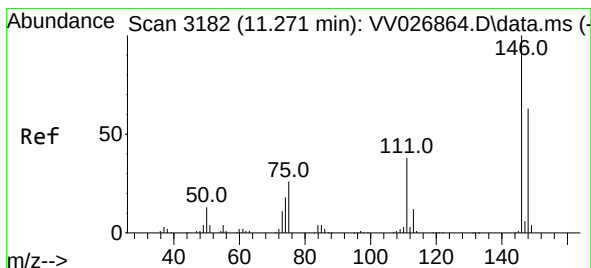
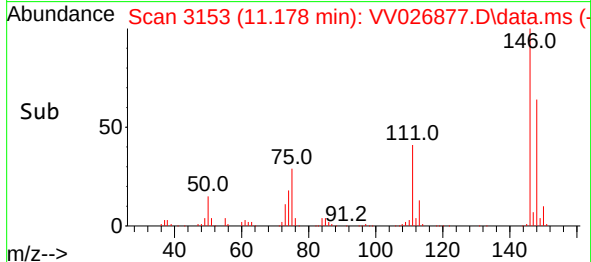
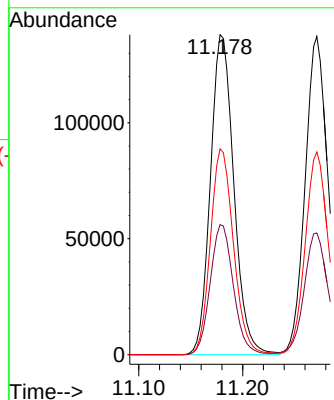
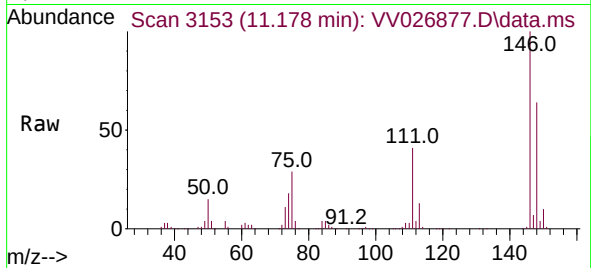




#64
1,3-Dichlorobenzene
Concen: 5.534 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

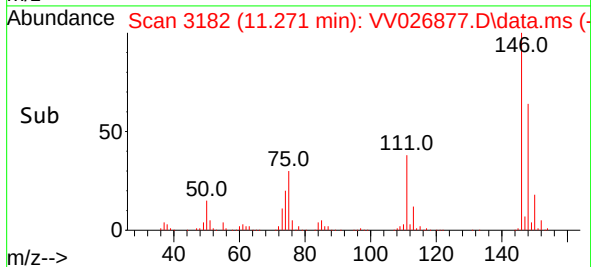
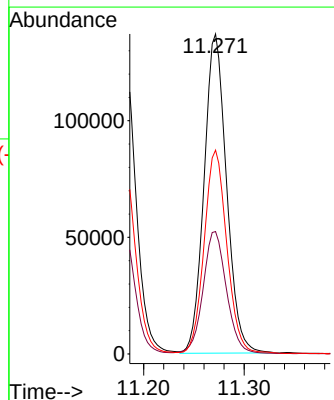
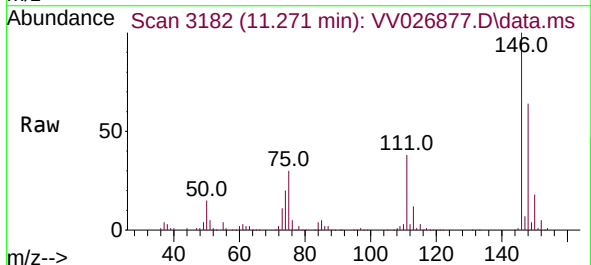
Instrument :
MSVOA_V
ClientSampleId :
VSTD005364

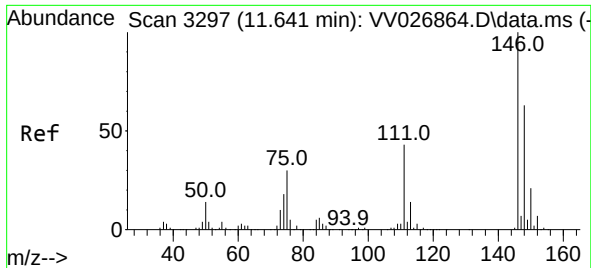
Tgt Ion:146 Resp: 216016
Ion Ratio Lower Upper
146 100
111 40.6 27.9 51.7
148 64.4 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.352 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

Tgt Ion:146 Resp: 212395
Ion Ratio Lower Upper
146 100
111 38.3 26.8 49.8
148 63.7 43.3 80.5

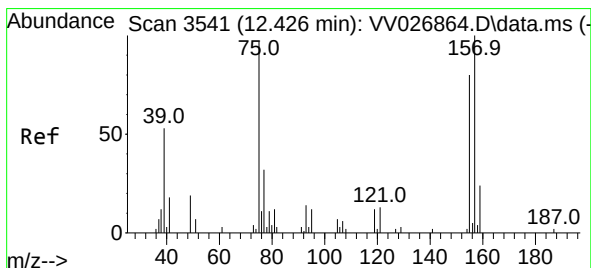
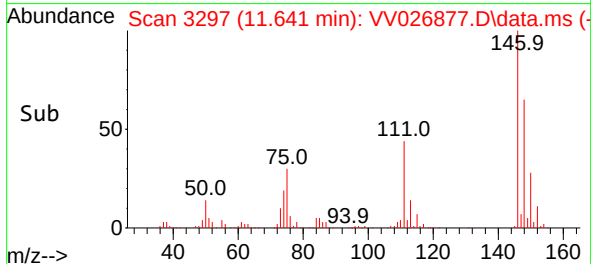
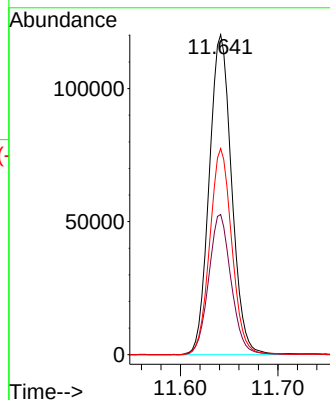
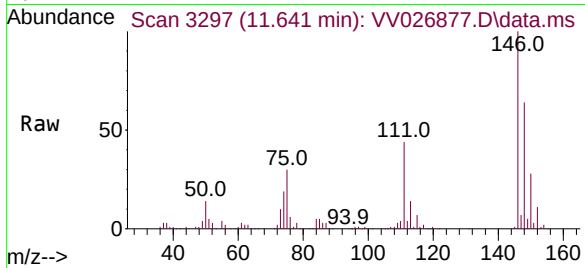




#67
1,2-Dichlorobenzene
Concen: 5.276 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

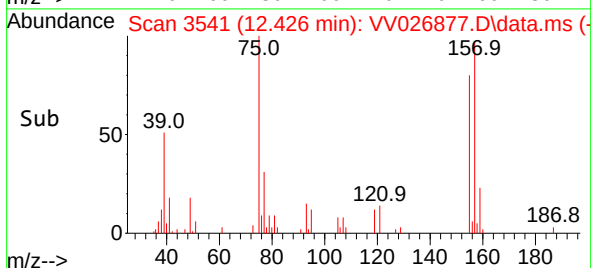
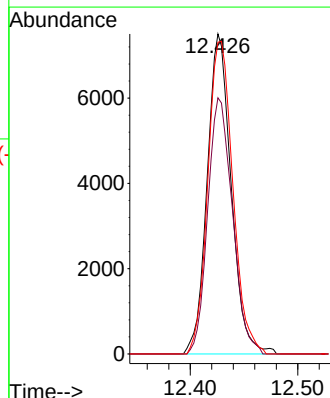
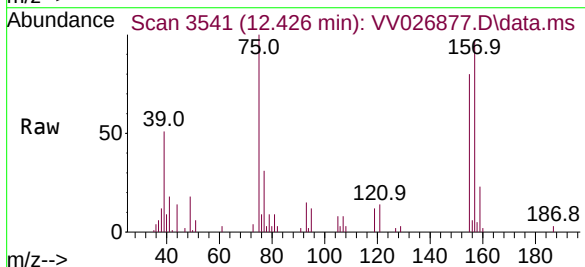
Instrument :
MSVOA_V
ClientSampleId :
VSTD005364

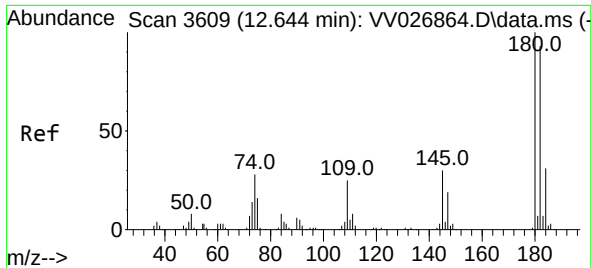
Tgt Ion:146 Resp: 192314
Ion Ratio Lower Upper
146 100
111 43.8 34.6 52.0
148 64.4 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.668 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV026877.D
Acq: 21 Jul 2022 16:34

Tgt Ion: 75 Resp: 11657
Ion Ratio Lower Upper
75 100
155 80.0 60.3 90.5
157 97.4 78.2 117.4

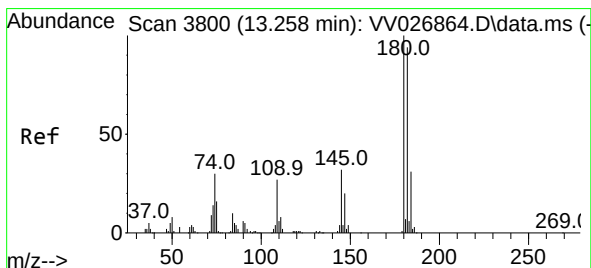
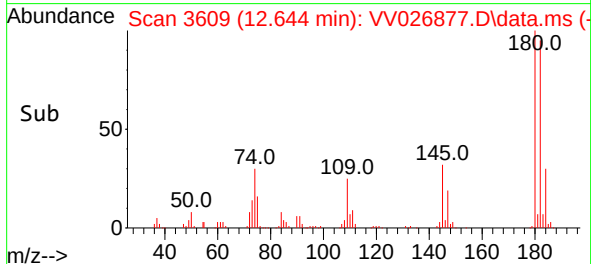
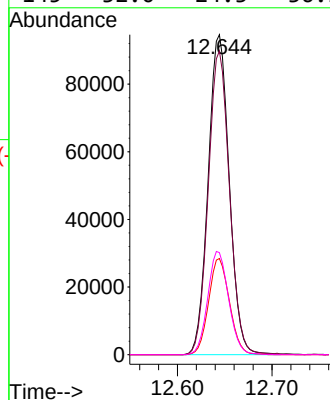
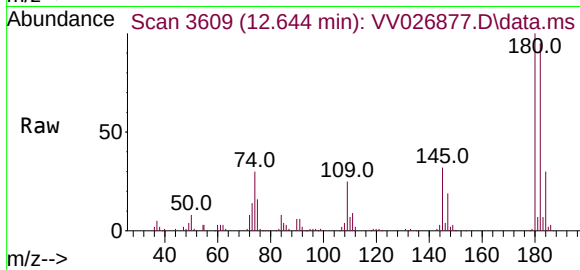




#69
 1,3,5-Trichlorobenzene
 Concen: 5.328 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV026877.D
 Acq: 21 Jul 2022 16:34

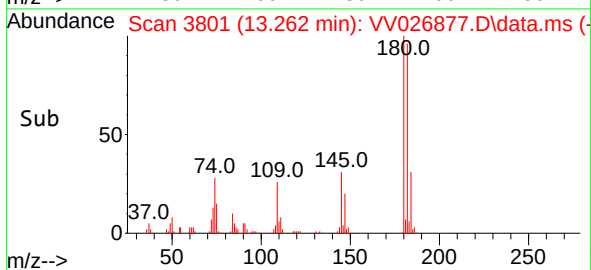
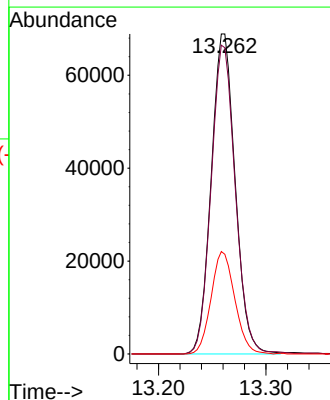
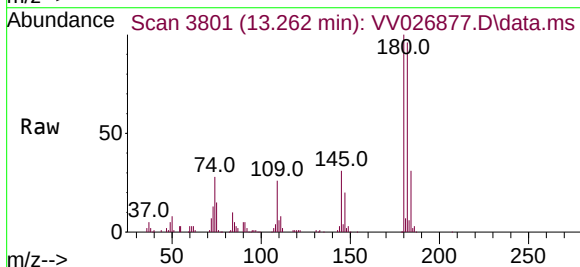
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005364

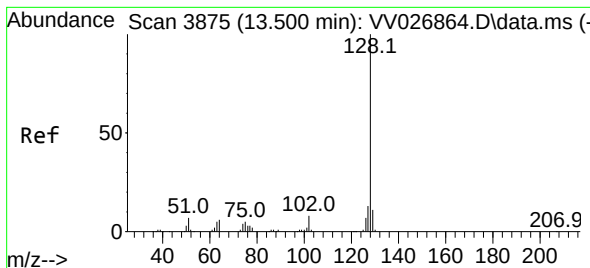
Tgt Ion:	180	Resp:	146989
Ion Ratio	Lower	Upper	
180	100		
182	95.3	74.0	111.0
184	29.7	23.1	34.7
145	32.0	24.3	36.5



#70
 1,2,4-trichlorobenzene
 Concen: 5.084 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV026877.D
 Acq: 21 Jul 2022 16:34

Tgt Ion:	180	Resp:	106676
Ion Ratio	Lower	Upper	
180	100		
182	97.1	74.7	112.1
145	31.6	24.7	37.1





#71

Naphthalene

Concen: 4.386 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026877.D

Acq: 21 Jul 2022 16:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005364

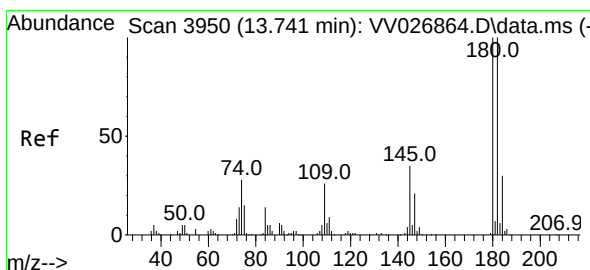
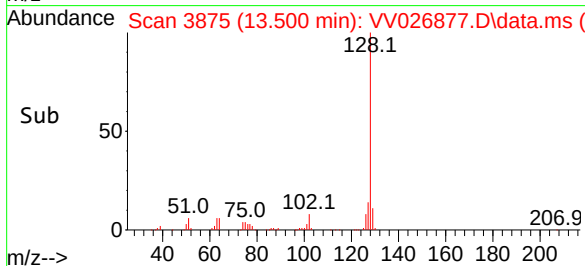
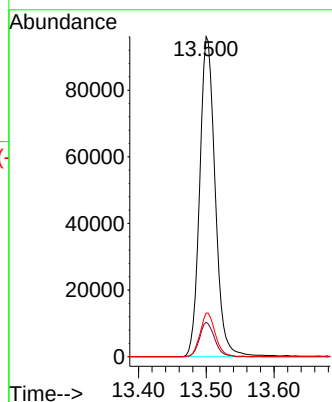
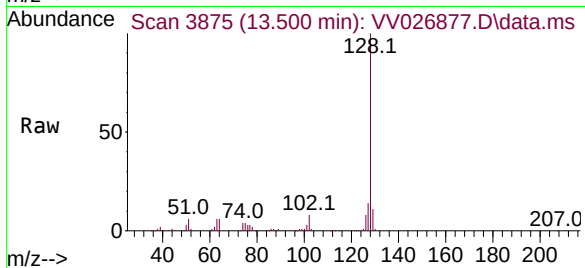
Tgt Ion:128 Resp: 152463

Ion Ratio Lower Upper

128 100

129 10.4 8.4 12.6

127 13.4 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 5.002 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026877.D

Acq: 21 Jul 2022 16:34

Tgt Ion:180 Resp: 97663

Ion Ratio Lower Upper

180 100

182 94.1 75.0 112.4

145 34.3 26.0 39.0

