

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071122\
 Data File : VW026714.D
 Acq On : 11 Jul 2022 21:09
 Operator : SY/MD
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020205

Quant Time: Jul 12 05:25:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 12 05:17:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	261817	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	260881	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	148241	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	450435	20.043	ug/L	0.00
7) Chloroethane-d5	1.561	69	383238	19.176	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	881113	20.127	ug/L	0.00
20) 2-Butanone-d5	3.902	46	869464	242.746	ug/L	-0.02
24) Chloroform-d	4.339	84	802308	20.163	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	356845	20.445	ug/L	0.00
32) Benzene-d6	5.043	84	1607035	21.299	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	472766	20.794	ug/L	0.00
41) Toluene-d8	7.310	98	1506470	22.392	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	163114	22.171	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	843380	260.252	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	363410	20.624	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	510658	20.595	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	639510	21.418	ug/L	100
3) Chloromethane	1.236	50	603809	19.511	ug/L	100
5) Vinyl chloride	1.304	62	634816	20.964	ug/L	99
6) Bromomethane	1.516	94	376407	20.940	ug/L	97
8) Chloroethane	1.577	64	372917	20.519	ug/L	96
9) Trichlorofluoromethane	1.744	101	802104	20.275	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	459026	20.448	ug/L	98
12) 1,1-Dichloroethene	2.111	96	450910	20.607	ug/L	98
13) Acetone	2.204	43	539032	170.749	ug/L #	39
14) Carbon disulfide	2.281	76	1379474	22.202	ug/L	99
15) Methyl Acetate	2.439	43	138189	22.349	ug/L	98
16) Methylene chloride	2.497	84	435419	16.114	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	872251	22.721	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	434306	21.230	ug/L	98
19) 1,1-Dichloroethane	3.182	63	764514	20.425	ug/L	99
21) 2-Butanone	3.986	43	833148	233.549	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	455211	22.604	ug/L	98
23) Bromochloromethane	4.240	128	193155	20.430	ug/L	98
25) Chloroform	4.368	83	800426	20.271	ug/L	99
27) 1,2-Dichloroethane	5.124	62	447022	21.026	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	705204	20.643	ug/L	100
30) Cyclohexane	4.670	56	694054	24.573	ug/L	99
31) Carbon tetrachloride	4.822	117	613804	20.346	ug/L	98
33) Benzene	5.092	78	1800486	21.713	ug/L	100
34) Trichloroethene	5.908	95	436514	21.316	ug/L	98
35) Methylcyclohexane	6.127	83	770253	24.211	ug/L	98
37) 1,2-Dichloropropane	6.169	63	435577	21.254	ug/L	98
38) Bromodichloromethane	6.506	83	552667	20.599	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	599961	24.120	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	2193502	235.429	ug/L	99
42) Toluene	7.384	91	1947053	22.961	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	496611	24.100	ug/L	99

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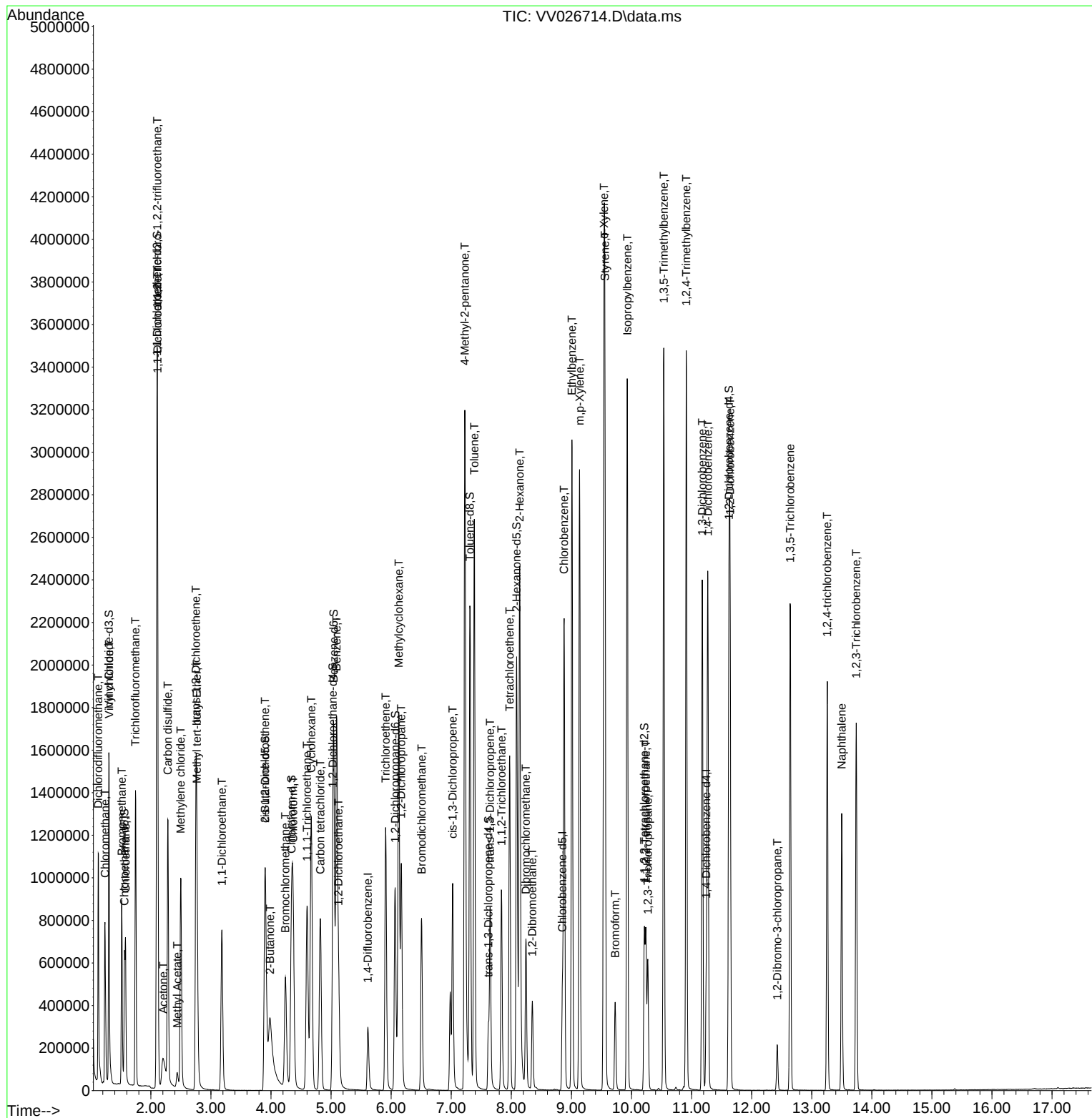
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	300281	20.167	ug/L	98
47) Tetrachloroethene	7.973	164	345370	21.465	ug/L	100
48) 2-Hexanone	8.140	43	1572455	231.637	ug/L	98
49) Dibromochloromethane	8.243	129	363677	21.462	ug/L	97
50) 1,2-Dibromoethane	8.349	107	279254	21.129	ug/L	95
51) Chlorobenzene	8.879	112	1184648	21.789	ug/L	99
52) Ethylbenzene	9.008	91	2081691	24.313	ug/L	100
53) m,p-Xylene	9.136	106	822770	24.816	ug/L	98
54) o-Xylene	9.542	106	788826	25.489	ug/L	98
55) Styrene	9.558	104	1395590	25.385	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	362883	20.433	ug/L	97
59) Bromoform	9.728	173	181790	19.469	ug/L	97
60) Isopropylbenzene	9.931	105	2104251	23.397	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	249119	18.711	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	1770274	24.670	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	1811927	24.914	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	941795	21.417	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	944149	21.321	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	868672	21.011	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	54113	19.132	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	675013	21.691	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	543150	22.813	ug/L	99
71) Naphthalene	13.500	128	974379	24.688	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	499504	22.701	ug/L	98

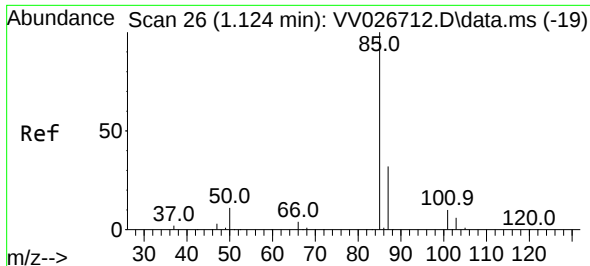
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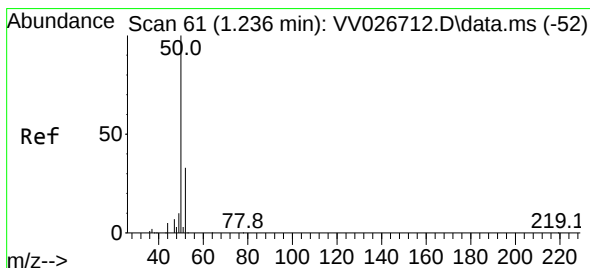
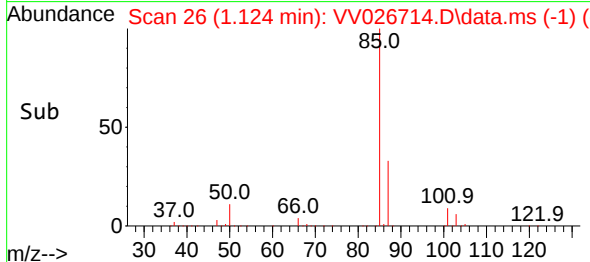
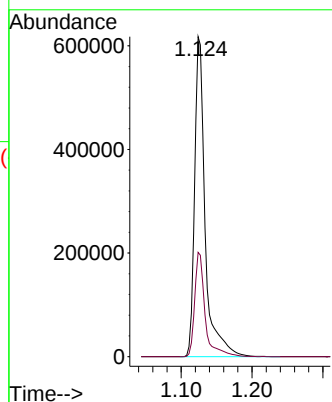
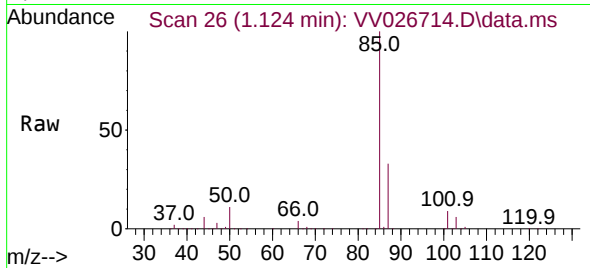




#2
 Dichlorodifluoromethane
 Concen: 21.418 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: VV026714.D
 Acq: 11 Jul 2022 21:09

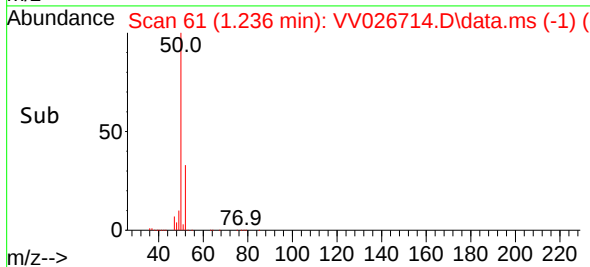
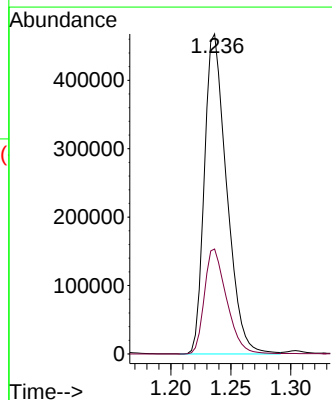
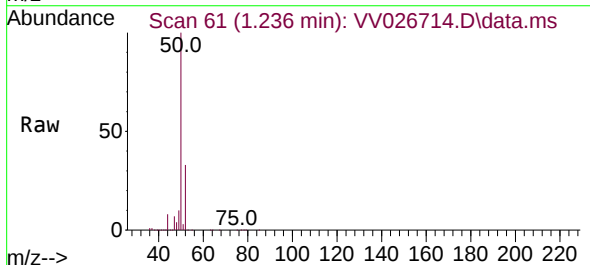
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020205

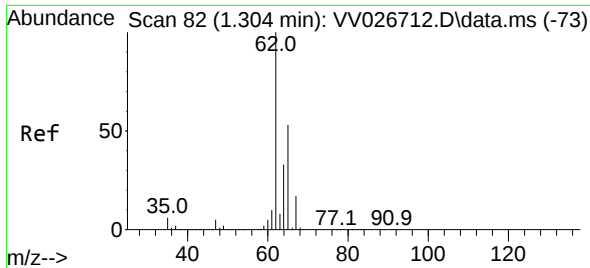
Tgt Ion: 85 Resp: 639510
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.8



#3
 Chloromethane
 Concen: 19.511 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV026714.D
 Acq: 11 Jul 2022 21:09

Tgt Ion: 50 Resp: 603809
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.8 42.4

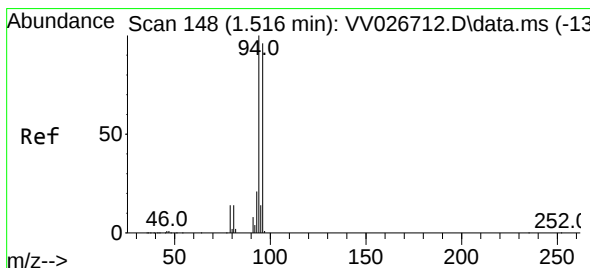
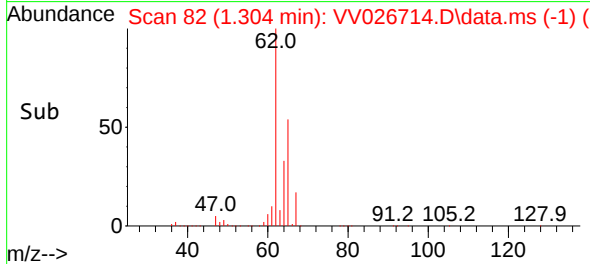
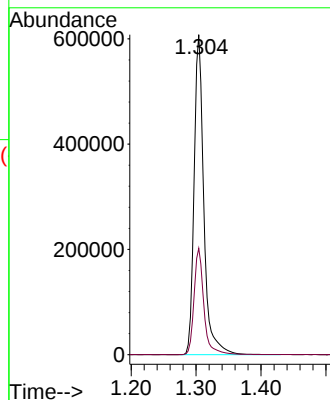
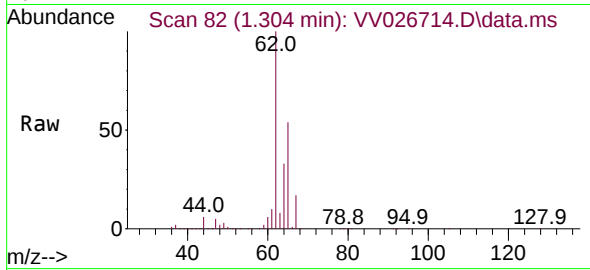




#5
 Vinyl chloride
 Concen: 20.964 ug/L
 RT: 1.304 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VV026714.D
 Acq: 11 Jul 2022 21:09

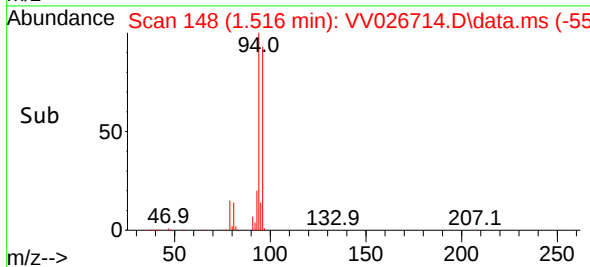
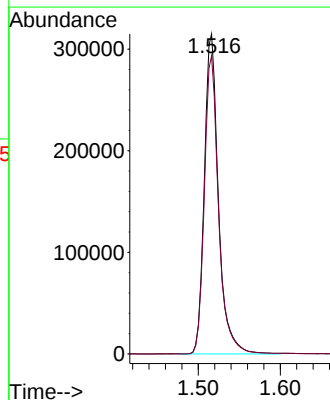
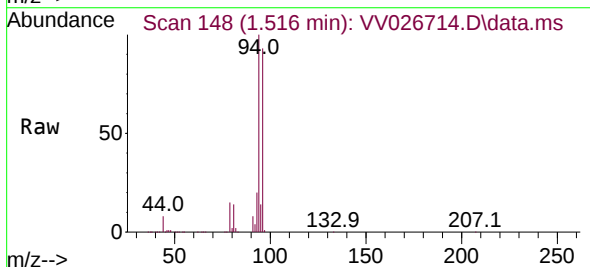
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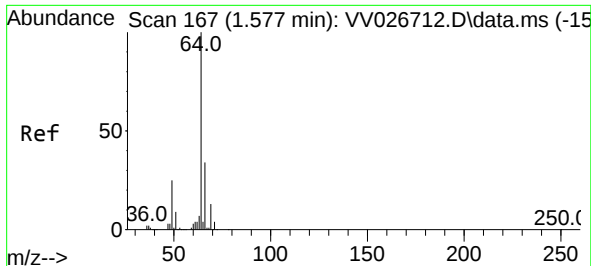
Tgt Ion: 62 Resp: 634816
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.9 42.5



#6
 Bromomethane
 Concen: 20.940 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV026714.D
 Acq: 11 Jul 2022 21:09

Tgt Ion: 94 Resp: 376407
 Ion Ratio Lower Upper
 94 100
 96 93.2 67.1 124.7

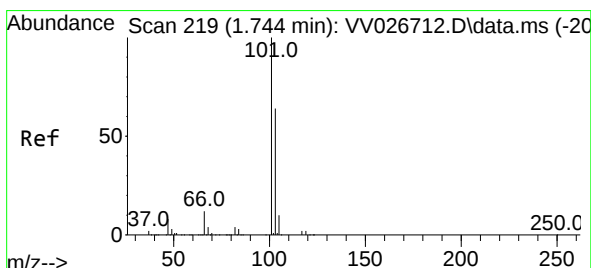
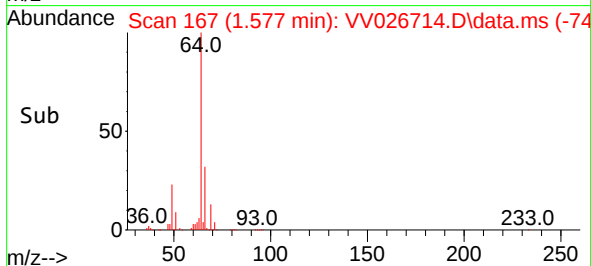
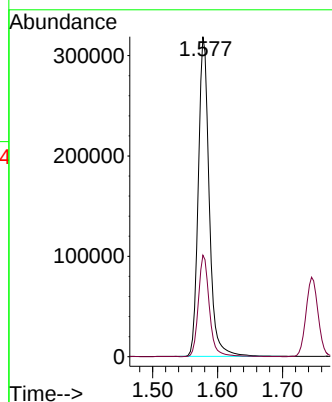
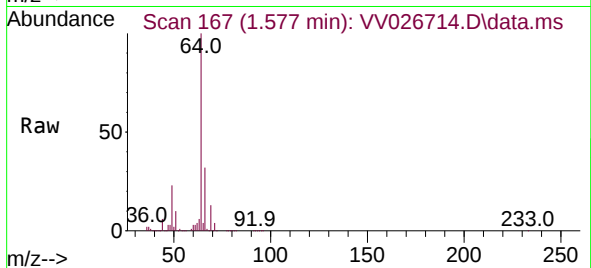




#8
Chloroethane
Concen: 20.519 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

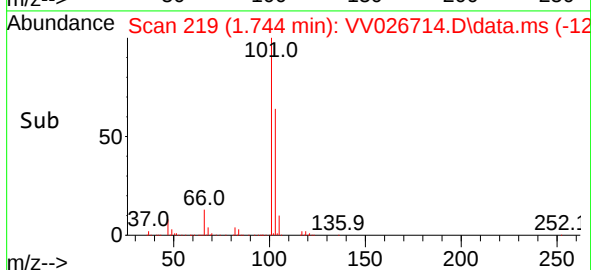
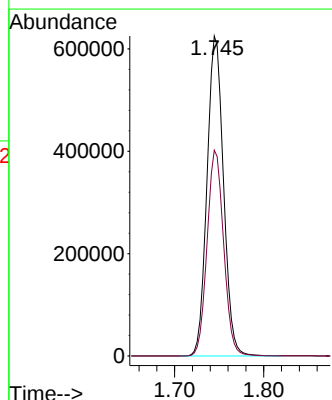
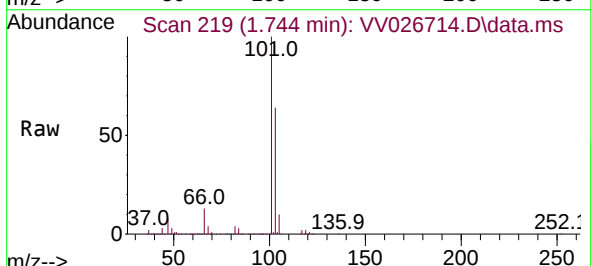
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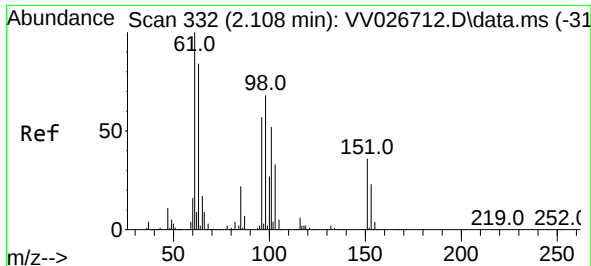
Tgt Ion: 64 Resp: 372917
Ion Ratio Lower Upper
64 100
66 31.7 23.9 44.5



#9
Trichlorofluoromethane
Concen: 20.275 ug/L
RT: 1.744 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

Tgt Ion: 101 Resp: 802104
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4





#10

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

Concen: 20.448 ug/L

RT: 2.108 min Scan# 332

Delta R.T. 0.000 min

Lab File: VV026714.D

Acq: 11 Jul 2022 21:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD020205

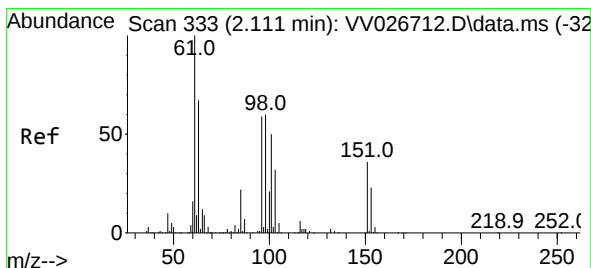
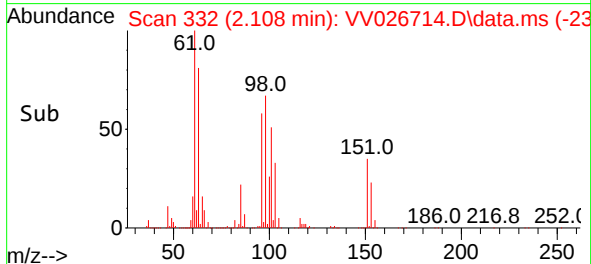
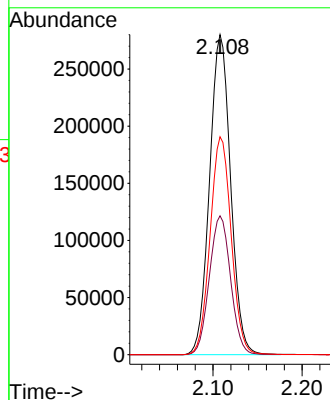
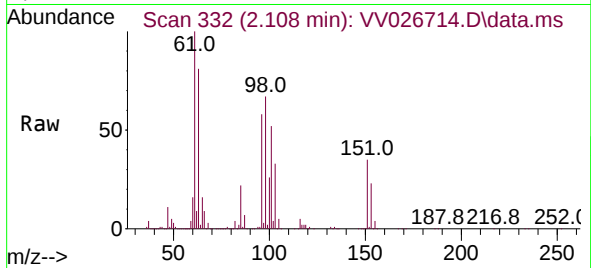
Tgt Ion:101 Resp: 459026

Ion Ratio Lower Upper

101 100

85 43.8 35.0 52.4

151 68.5 56.7 85.1



#12

1,1-Dichloroethene

Concen: 20.607 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV026714.D

Acq: 11 Jul 2022 21:09

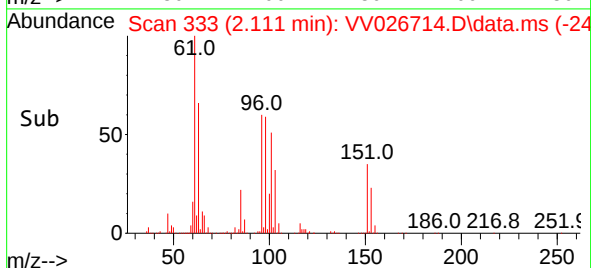
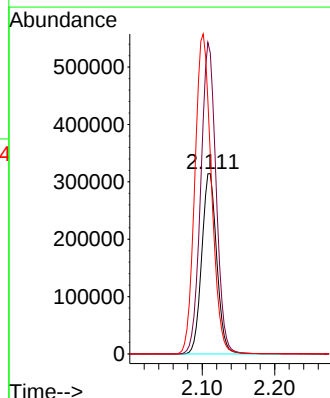
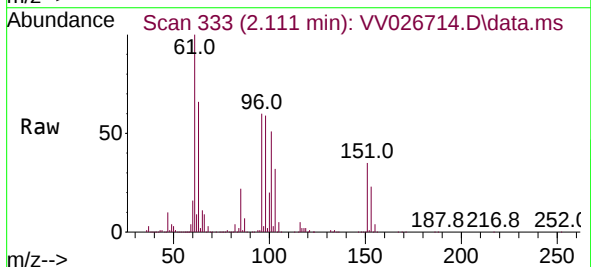
Tgt Ion: 96 Resp: 450910

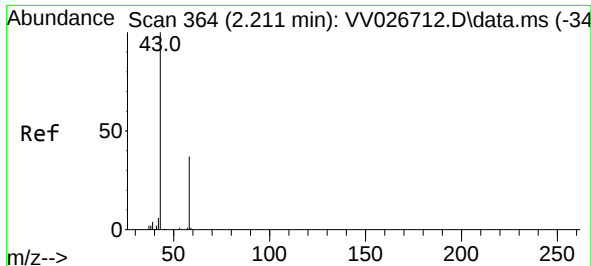
Ion Ratio Lower Upper

96 100

61 166.9 118.3 219.7

63 110.8 79.9 148.3





#13

Acetone

Concen: 170.749 ug/L

RT: 2.204 min Scan# 3

Delta R.T. -0.006 min

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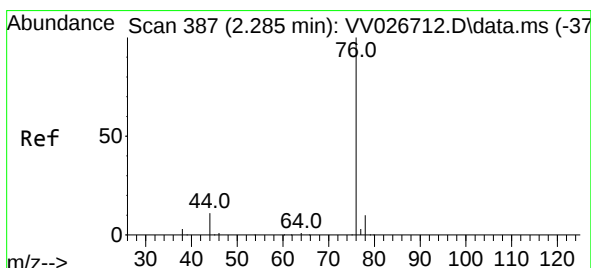
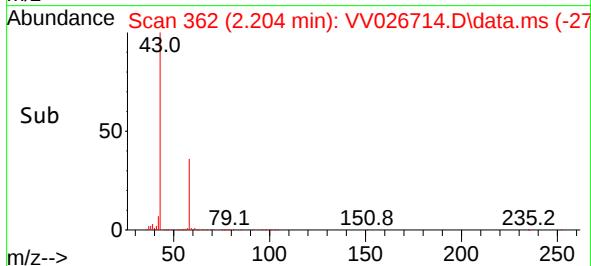
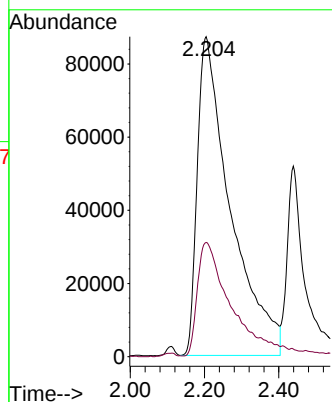
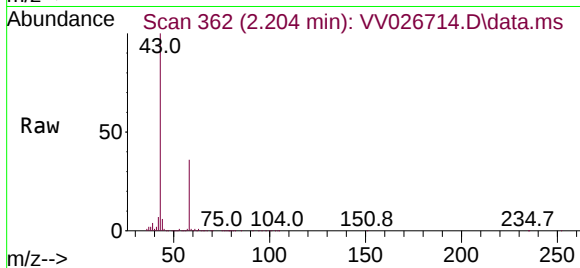
VSTD020205

Tgt Ion: 43 Resp: 539032

Ion Ratio Lower Upper

43 100

58 32.9 0.0 20.6#



#14

Carbon disulfide

Concen: 22.202 ug/L

RT: 2.281 min Scan# 386

Delta R.T. -0.003 min

Lab File: VV026714.D

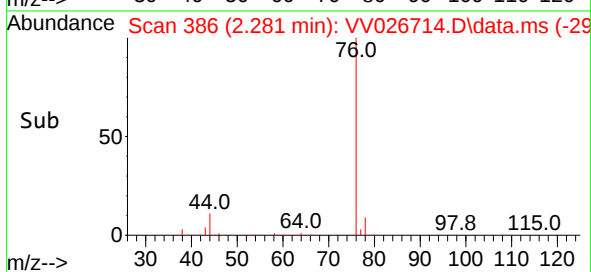
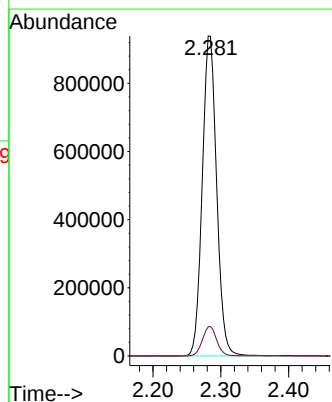
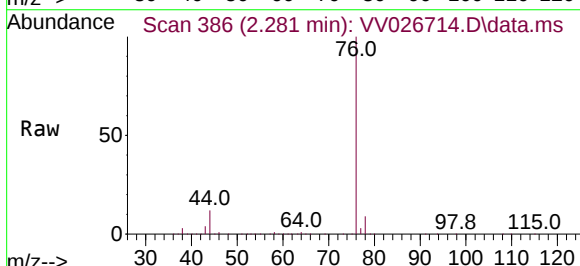
Acq: 11 Jul 2022 21:09

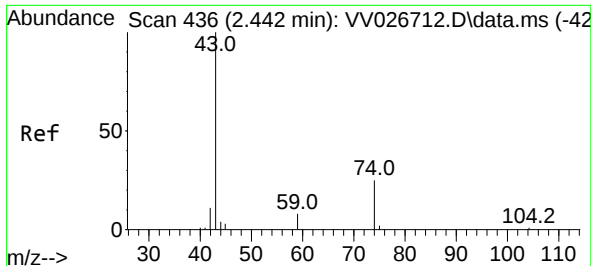
Tgt Ion: 76 Resp: 1379474

Ion Ratio Lower Upper

76 100

78 9.1 7.7 11.5

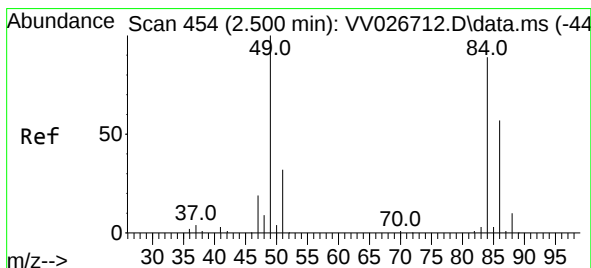
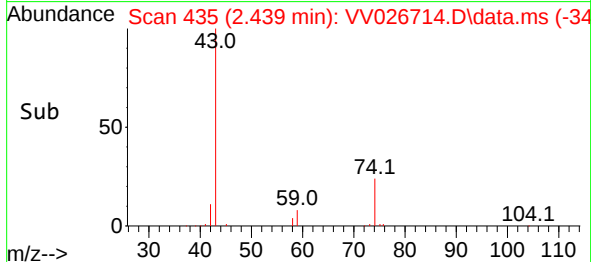
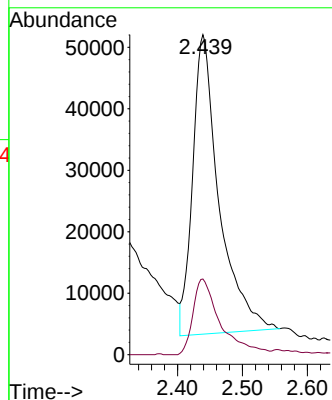
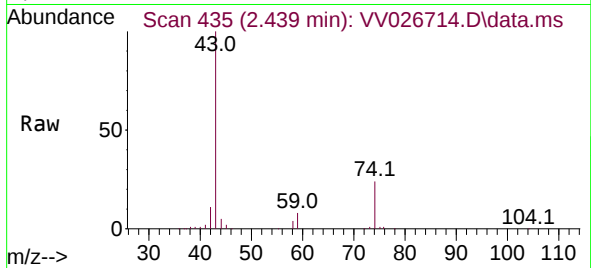




#15
Methyl Acetate
Concen: 22.349 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

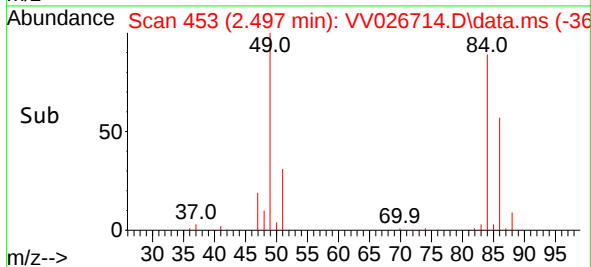
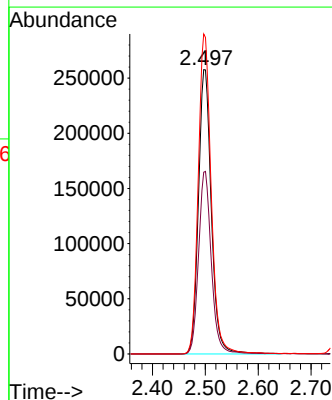
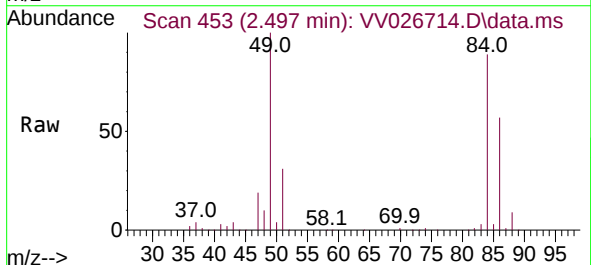
Instrument :
MSVOA_V
ClientSampleId :
VSTD020205

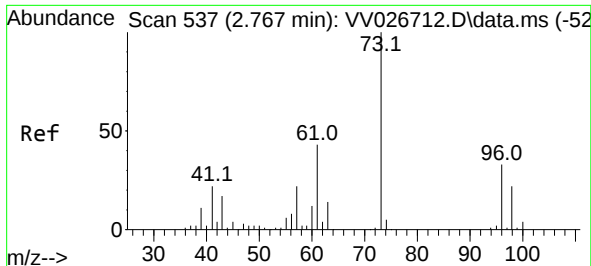
Tgt Ion: 43 Resp: 138189
Ion Ratio Lower Upper
43 100
74 26.2 20.1 30.1



#16
Methylene chloride
Concen: 16.114 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

Tgt Ion: 84 Resp: 435419
Ion Ratio Lower Upper
84 100
86 63.9 44.8 83.2
49 112.5 78.7 146.1

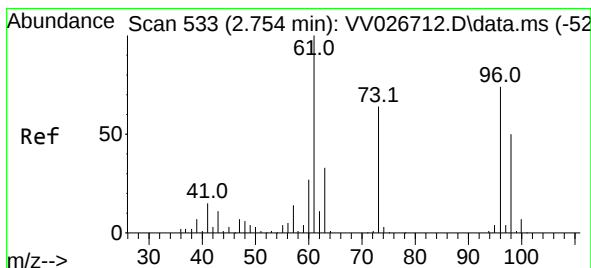
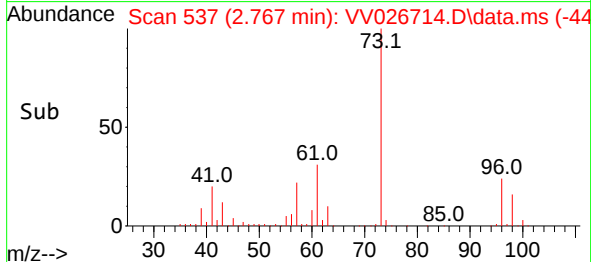
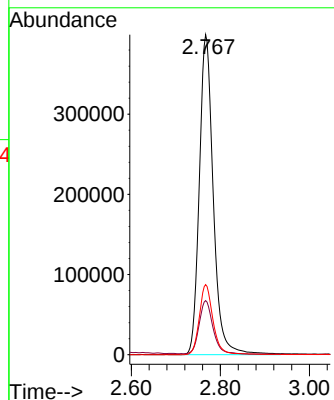
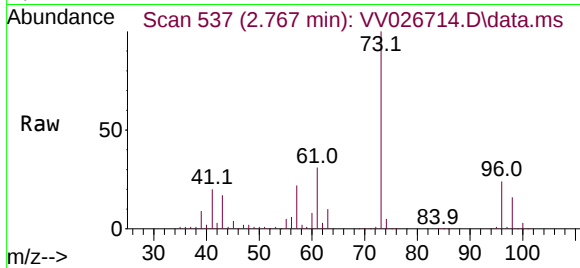




#17
Methyl tert-butyl Ether
Concen: 22.721 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

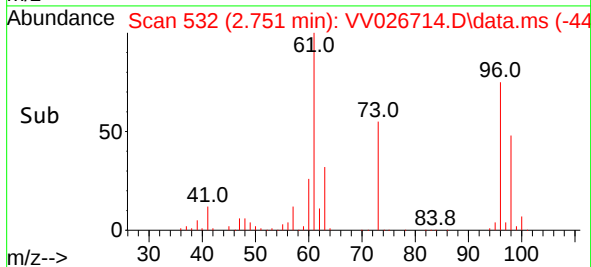
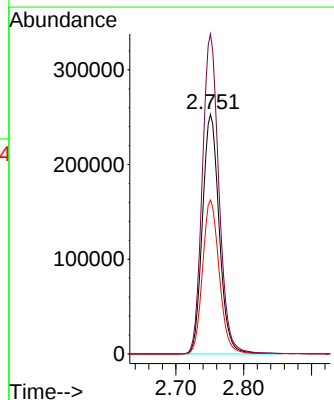
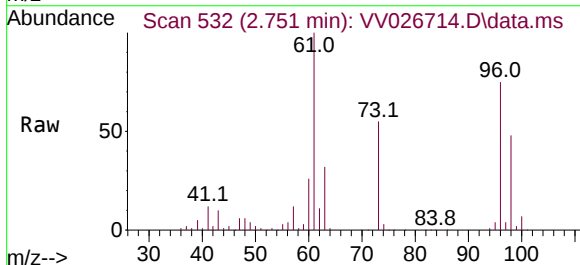
Instrument :
MSVOA_V
ClientSampleId :
VSTD020205

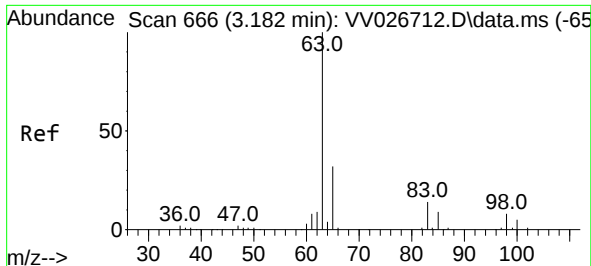
Tgt Ion: 73 Resp: 872251
Ion Ratio Lower Upper
73 100
43 16.6 14.0 21.0
57 21.3 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 21.230 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.003 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

Tgt Ion: 96 Resp: 434306
Ion Ratio Lower Upper
96 100
61 133.5 94.7 175.9
98 64.1 47.4 88.0





#19

1,1-Dichloroethane

Concen: 20.425 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV026714.D

Acq: 11 Jul 2022 21:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD020205

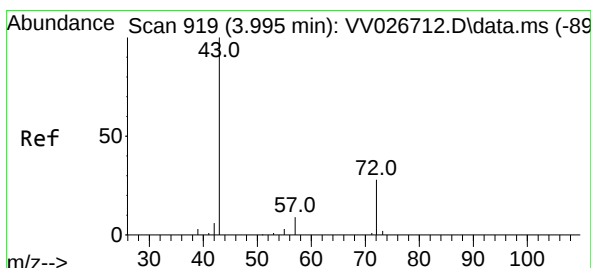
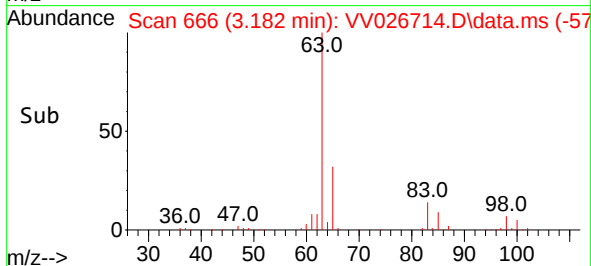
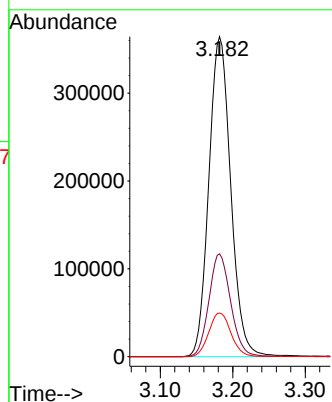
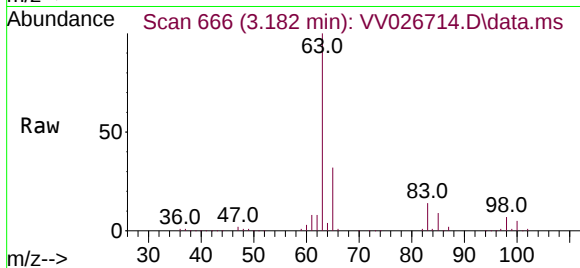
Tgt Ion: 63 Resp: 764514

Ion Ratio Lower Upper

63 100

65 32.1 22.3 41.3

83 13.6 9.9 18.5



#21

2-Butanone

Concen: 233.549 ug/L

RT: 3.986 min Scan# 916

Delta R.T. -0.010 min

Lab File: VV026714.D

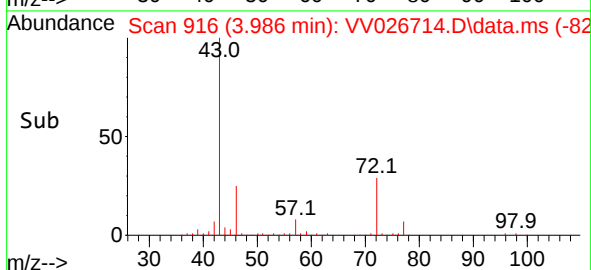
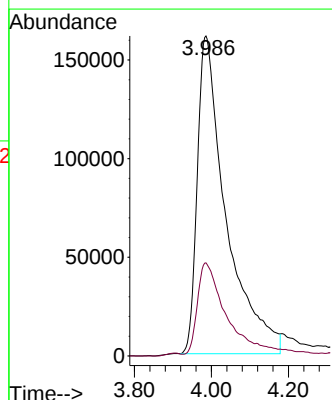
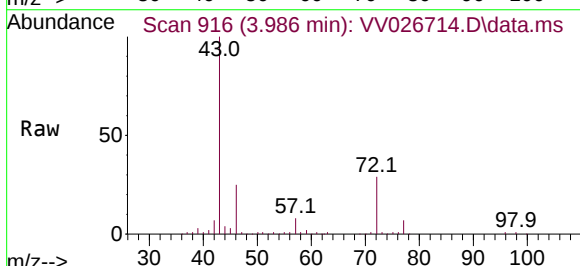
Acq: 11 Jul 2022 21:09

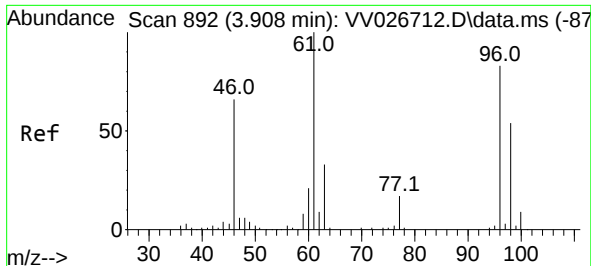
Tgt Ion: 43 Resp: 833148

Ion Ratio Lower Upper

43 100

72 28.9 13.9 41.7

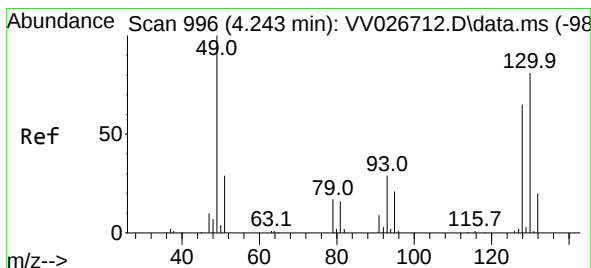
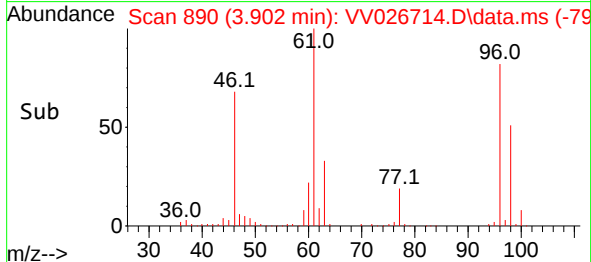
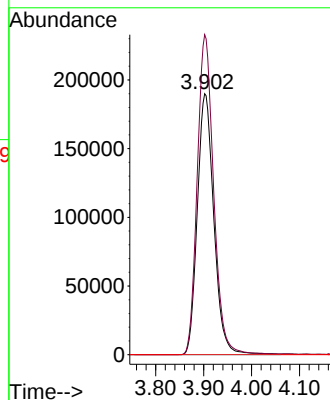
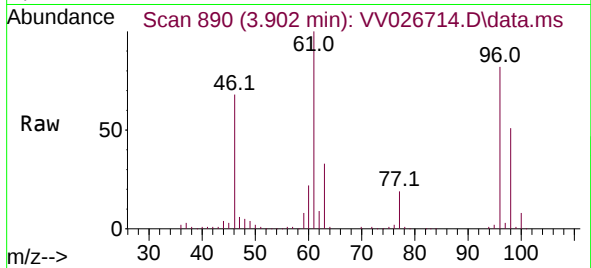




#22
 cis-1,2-Dichloroethene
 Concen: 22.604 ug/L
 RT: 3.902 min Scan# 892
 Delta R.T. -0.006 min
 Lab File: VV026714.D
 Acq: 11 Jul 2022 21:09

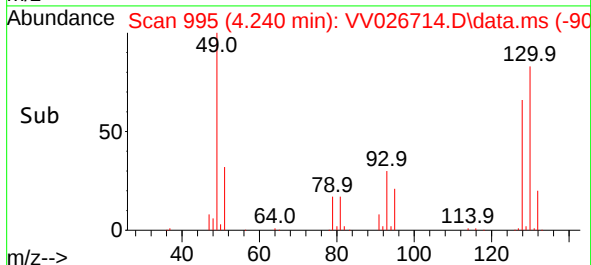
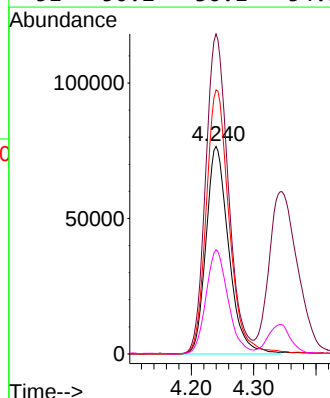
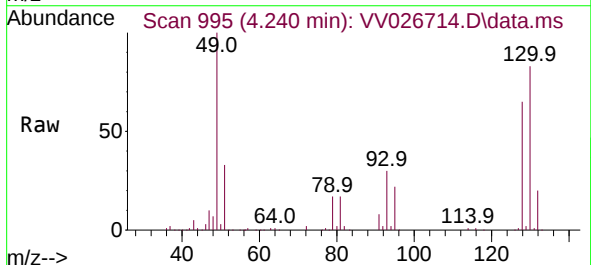
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020205

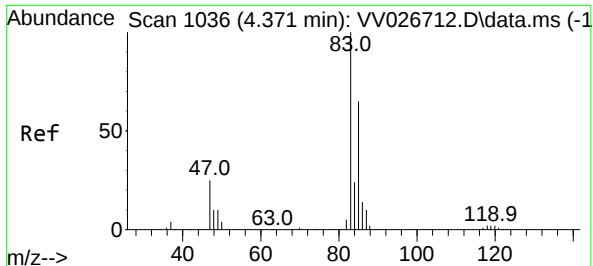
Tgt Ion: 96 Resp: 455211
 Ion Ratio Lower Upper
 96 100
 61 122.6 83.9 155.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 20.430 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. -0.003 min
 Lab File: VV026714.D
 Acq: 11 Jul 2022 21:09

Tgt Ion: 128 Resp: 193155
 Ion Ratio Lower Upper
 128 100
 49 154.2 107.2 199.2
 130 127.2 87.1 161.7
 51 50.2 36.1 54.1





#25

Chloroform

Concen: 20.271 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV026714.D

Acq: 11 Jul 2022 21:09

Instrument :

MSVOA_V

ClientSampleId :

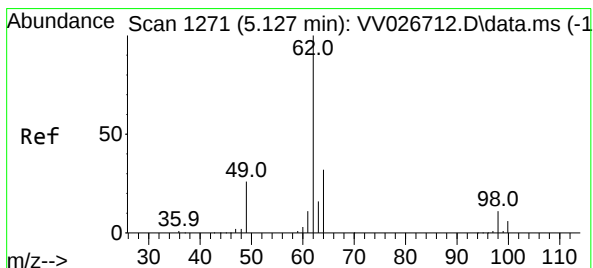
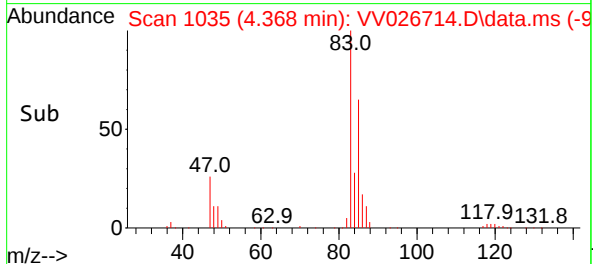
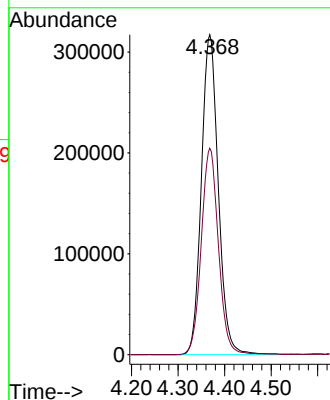
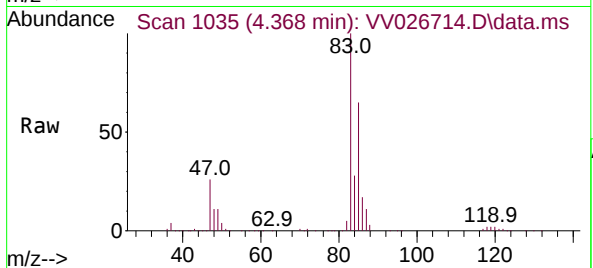
VSTD020205

Tgt Ion: 83 Resp: 800426

Ion Ratio Lower Upper

83 100

85 64.5 45.7 84.9



#27

1,2-Dichloroethane

Concen: 21.026 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VV026714.D

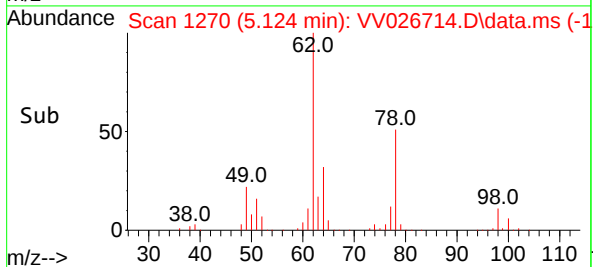
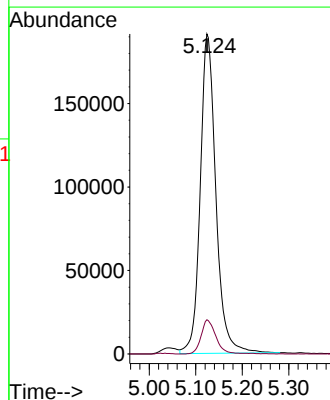
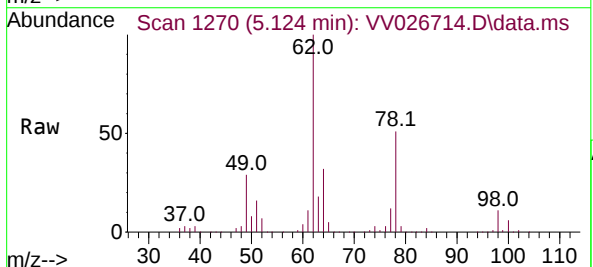
Acq: 11 Jul 2022 21:09

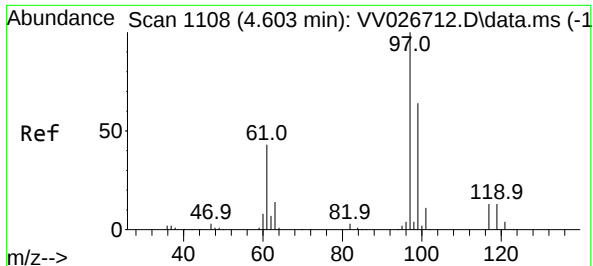
Tgt Ion: 62 Resp: 447022

Ion Ratio Lower Upper

62 100

98 10.7 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 20.643 ug/L

RT: 4.600 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV026714.D

Acq: 11 Jul 2022 21:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD020205

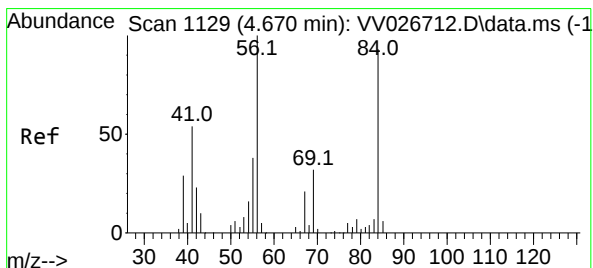
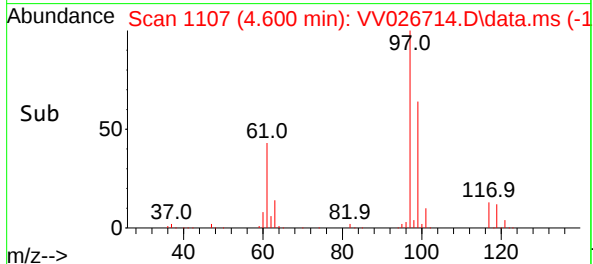
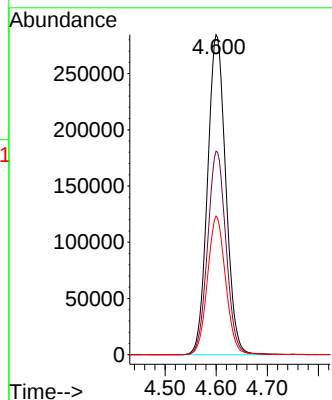
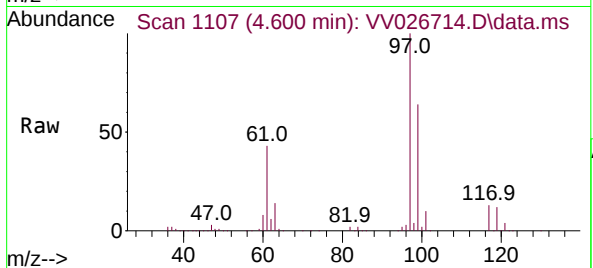
Tgt Ion: 97 Resp: 705204

Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 43.2 35.1 52.7



#30

Cyclohexane

Concen: 24.573 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV026714.D

Acq: 11 Jul 2022 21:09

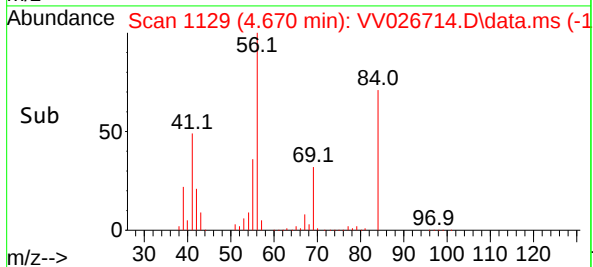
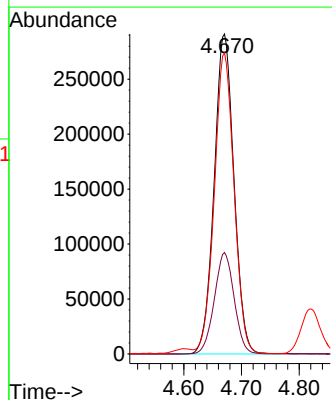
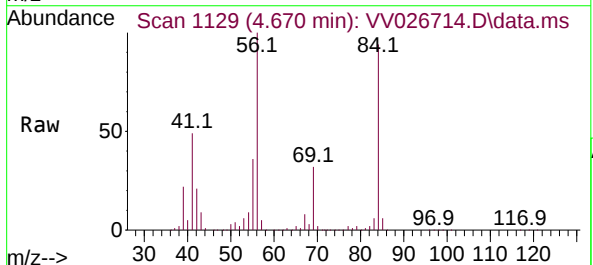
Tgt Ion: 56 Resp: 694054

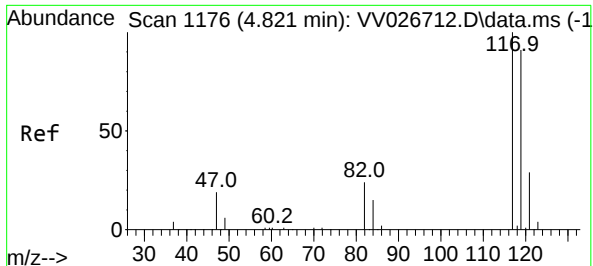
Ion Ratio Lower Upper

56 100

69 31.7 25.1 37.7

84 93.7 74.0 111.0

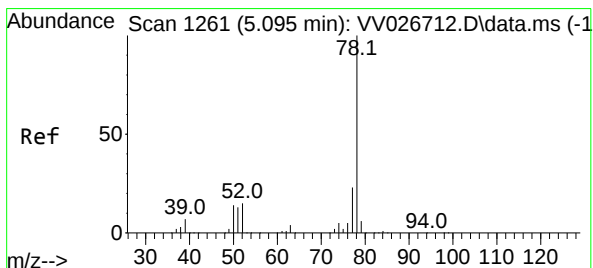
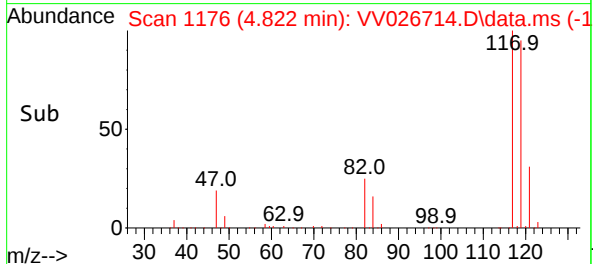
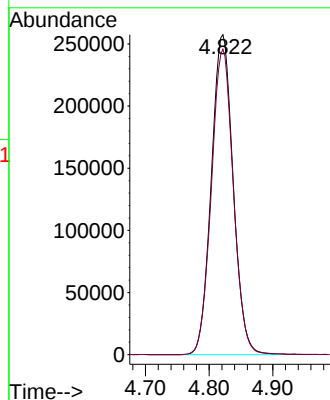
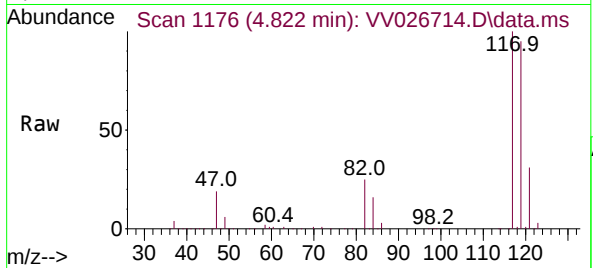




#31
Carbon tetrachloride
Concen: 20.346 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

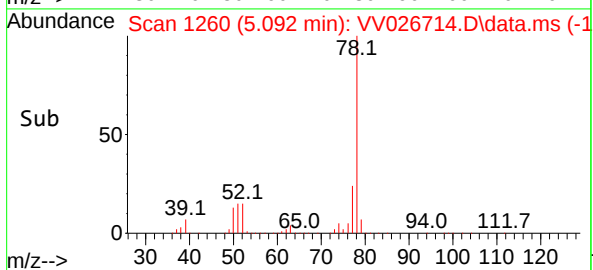
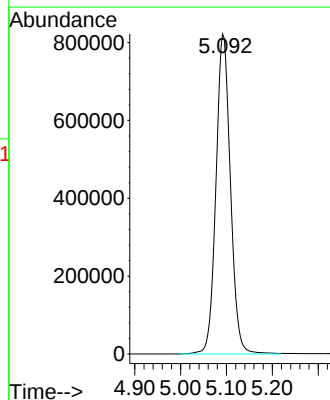
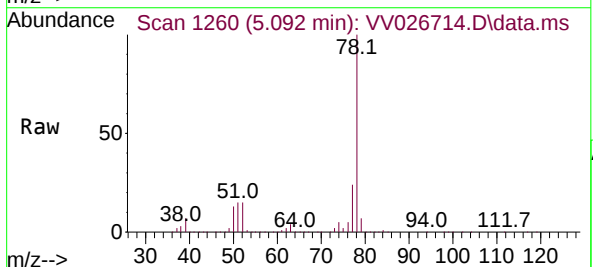
Instrument :
MSVOA_V
ClientSampleId :
VSTD020205

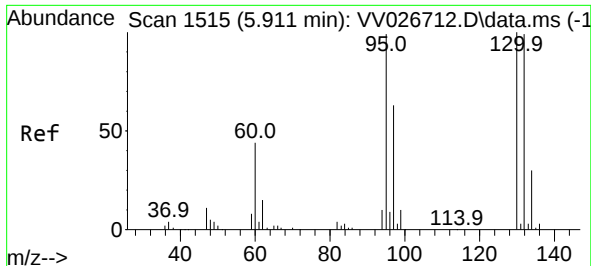
Tgt Ion:117 Resp: 613804
Ion Ratio Lower Upper
117 100
119 96.0 75.1 112.7



#33
Benzene
Concen: 21.713 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

Tgt Ion: 78 Resp: 1800486



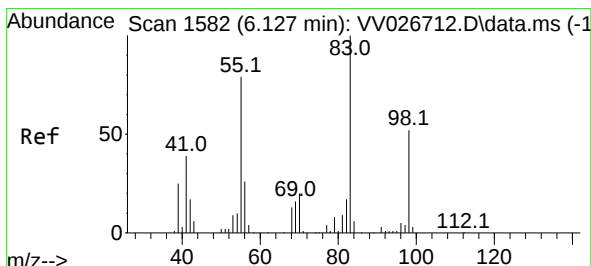
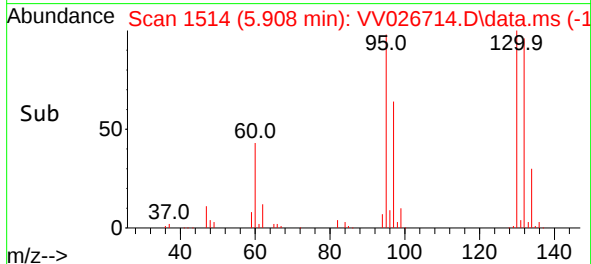
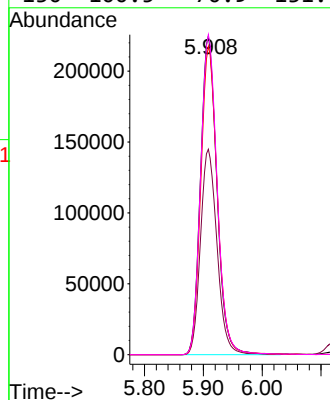
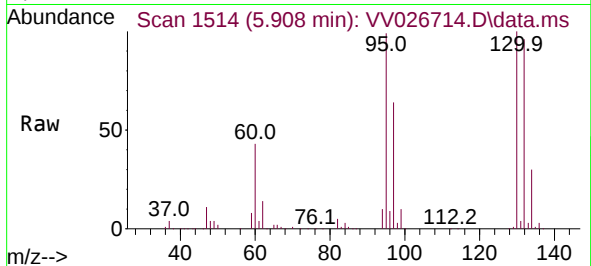


#34
Trichloroethene
Concen: 21.316 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD020205

Tgt Ion: 95 Resp: 436514

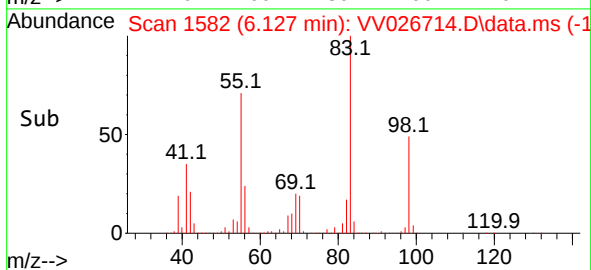
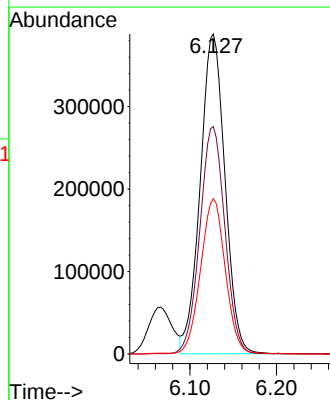
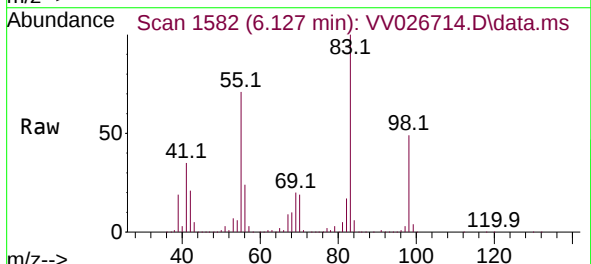
Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.6	82.8
132	96.9	70.2	130.4
130	100.5	70.9	131.7

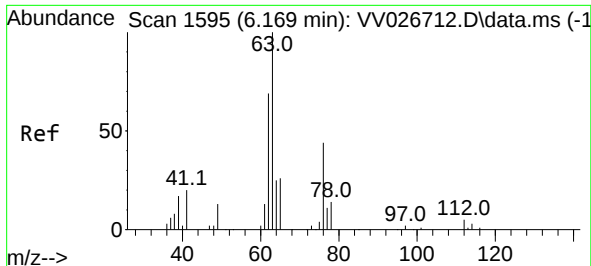


#35
Methylcyclohexane
Concen: 24.211 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

Tgt Ion: 83 Resp: 770253

Ion	Ratio	Lower	Upper
83	100		
55	71.8	59.5	89.3
98	48.3	38.3	57.5





#37

1,2-Dichloropropane

Concen: 21.254 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV026714.D

Acq: 11 Jul 2022 21:09

Instrument :

MSVOA_V

ClientSampleId :

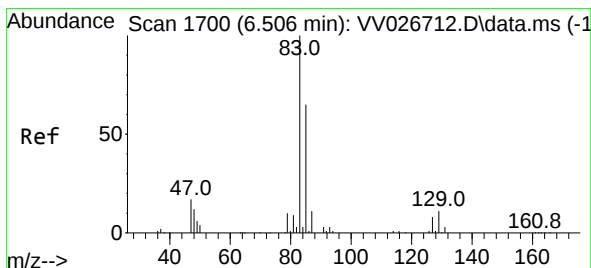
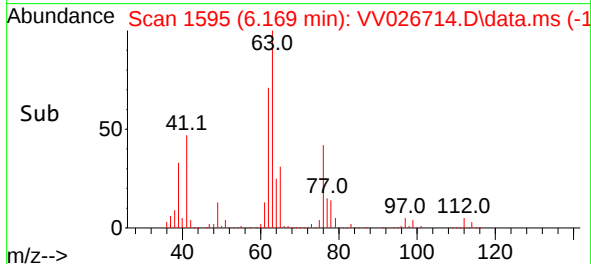
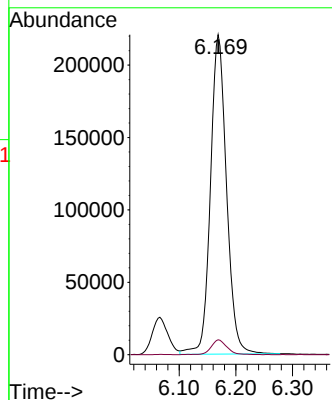
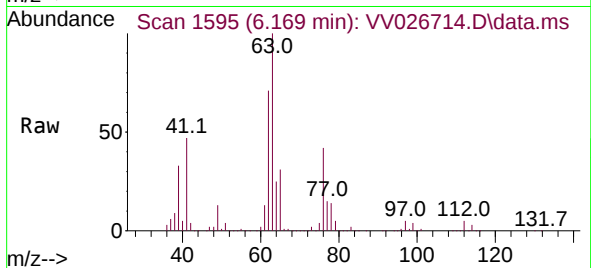
VSTD020205

Tgt Ion: 63 Resp: 435577

Ion Ratio Lower Upper

63 100

112 4.6 4.2 6.2



#38

Bromodichloromethane

Concen: 20.599 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV026714.D

Acq: 11 Jul 2022 21:09

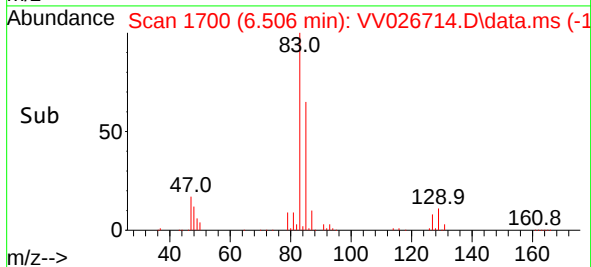
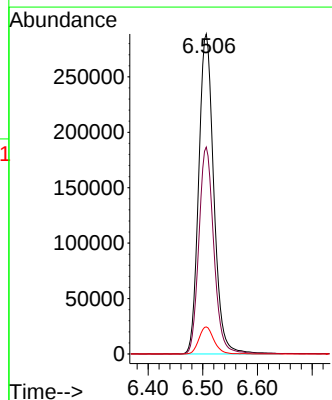
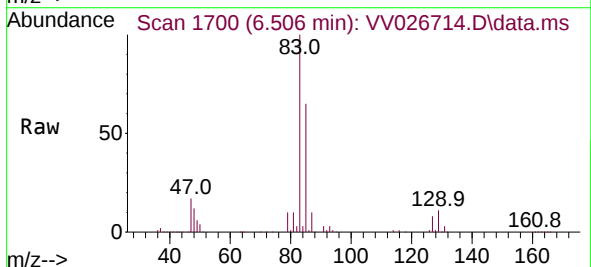
Tgt Ion: 83 Resp: 552667

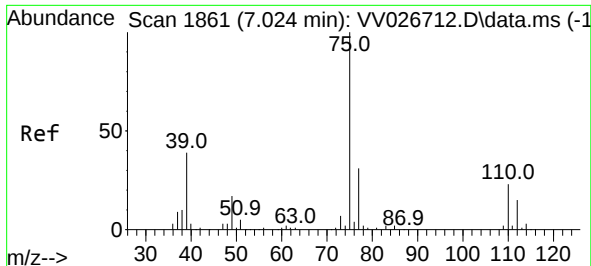
Ion Ratio Lower Upper

83 100

85 64.7 45.4 84.4

127 8.5 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 24.120 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV026714.D

Acq: 11 Jul 2022 21:09

Instrument :

MSVOA_V

ClientSampleId :

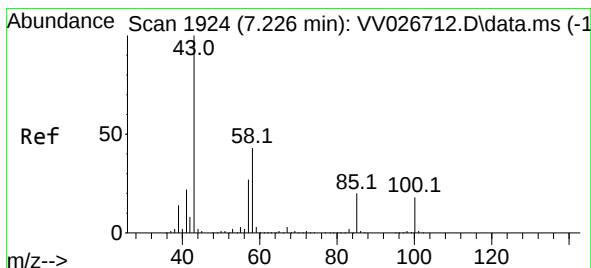
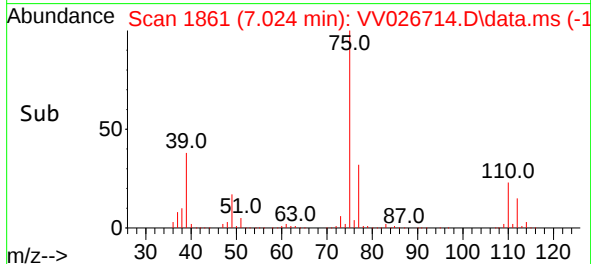
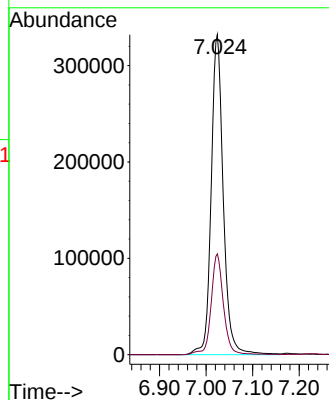
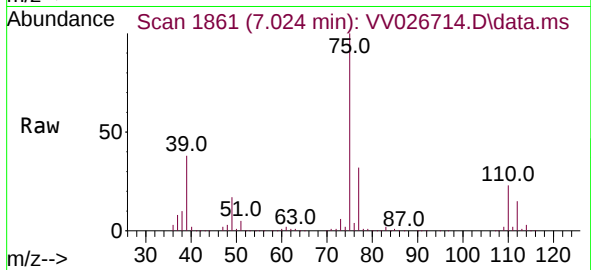
VSTD020205

Tgt Ion: 75 Resp: 599961

Ion Ratio Lower Upper

75 100

77 31.5 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 235.429 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV026714.D

Acq: 11 Jul 2022 21:09

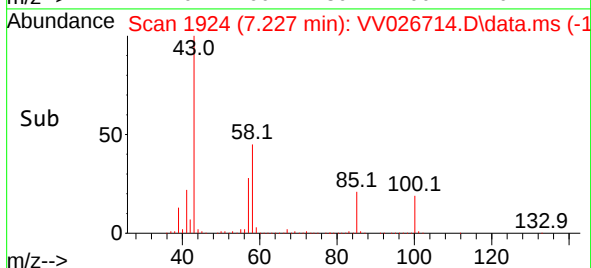
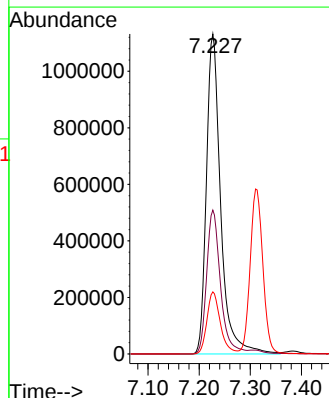
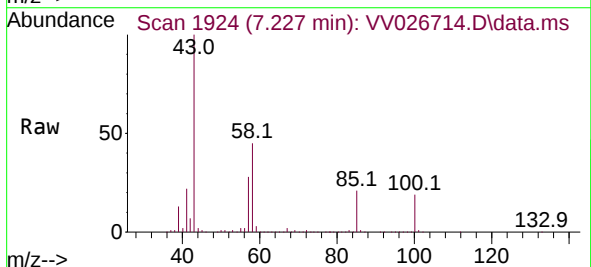
Tgt Ion: 43 Resp: 2193502

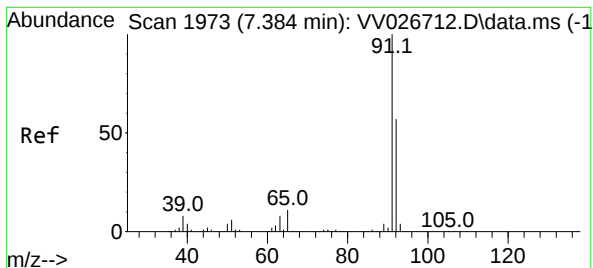
Ion Ratio Lower Upper

43 100

58 43.7 34.6 51.8

100 18.3 13.6 20.4





#42

Toluene

Concen: 22.961 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV026714.D

Acq: 11 Jul 2022 21:09

Instrument :

MSVOA_V

ClientSampleId :

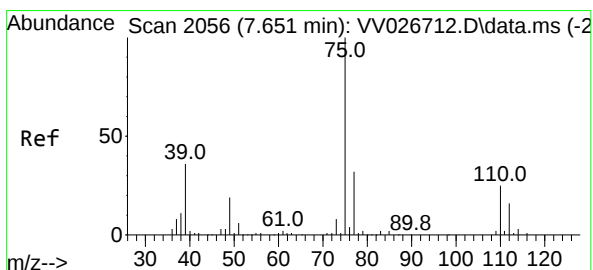
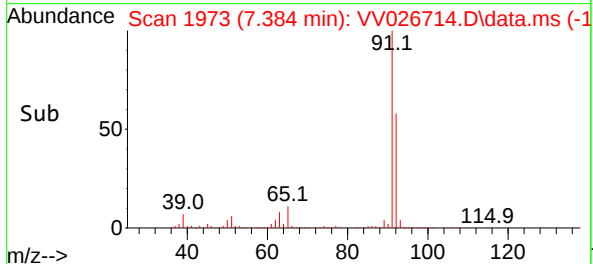
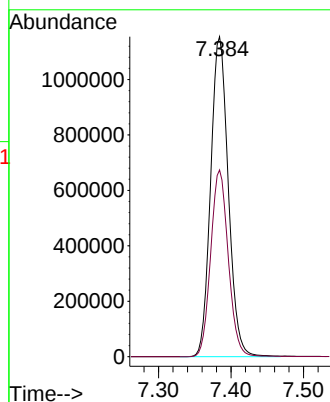
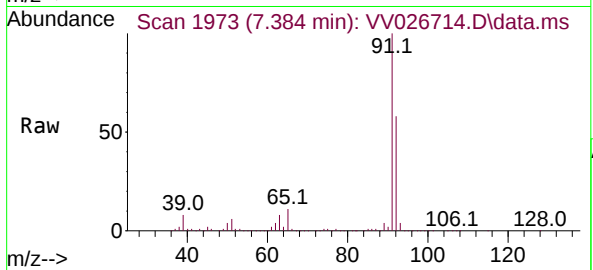
VSTD020205

Tgt Ion: 91 Resp: 1947053

Ion Ratio Lower Upper

91 100

92 58.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 24.100 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV026714.D

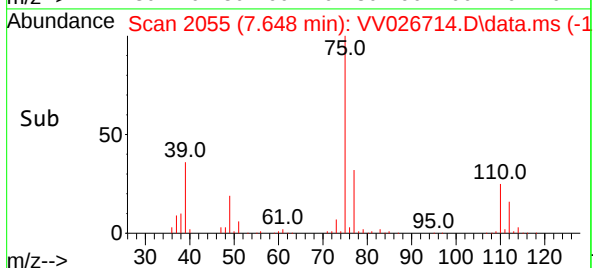
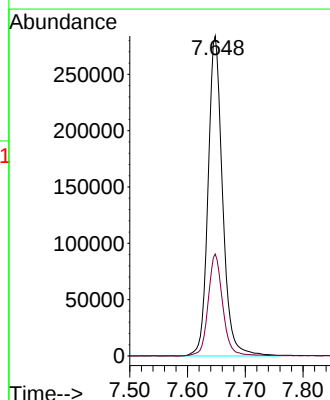
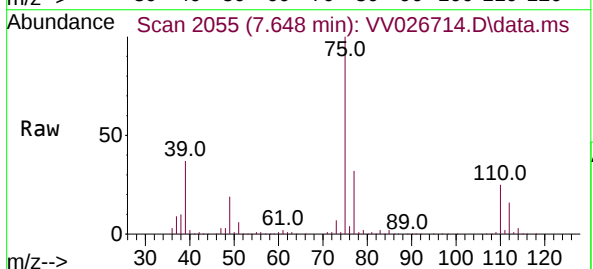
Acq: 11 Jul 2022 21:09

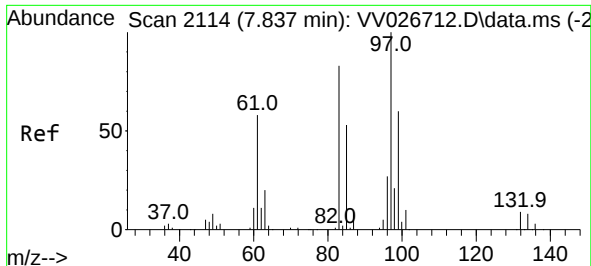
Tgt Ion: 75 Resp: 496611

Ion Ratio Lower Upper

75 100

77 31.9 22.7 42.3



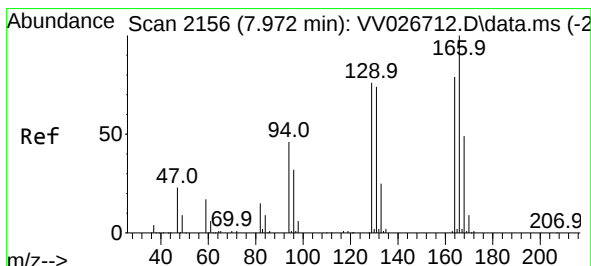
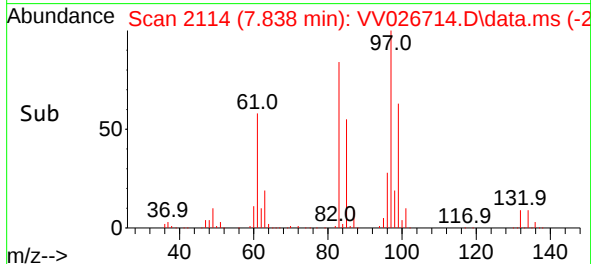
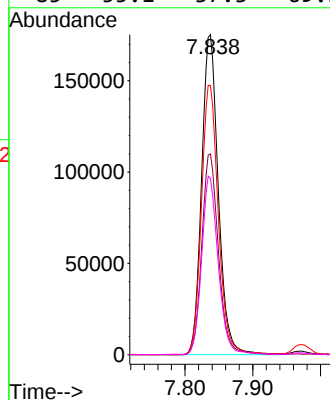
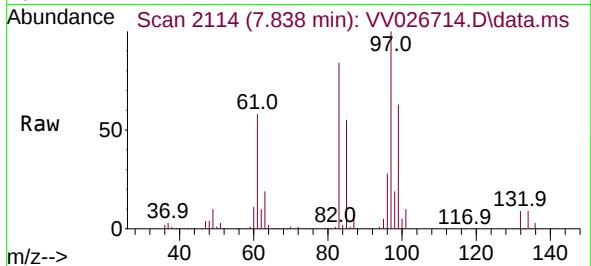


#45
1,1,2-Trichloroethane
Concen: 20.167 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD020205

Tgt Ion: 97 Resp: 300281

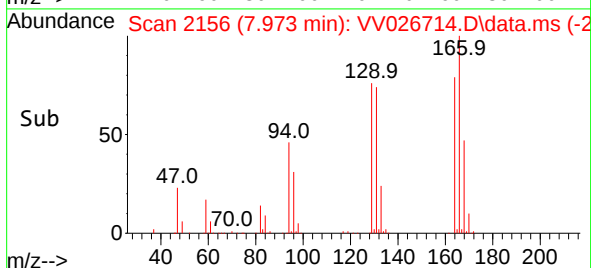
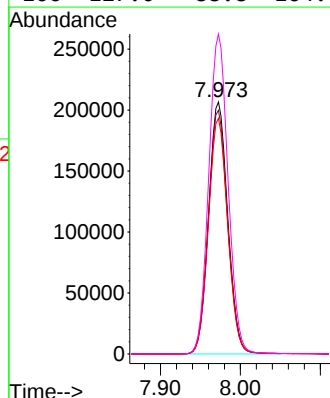
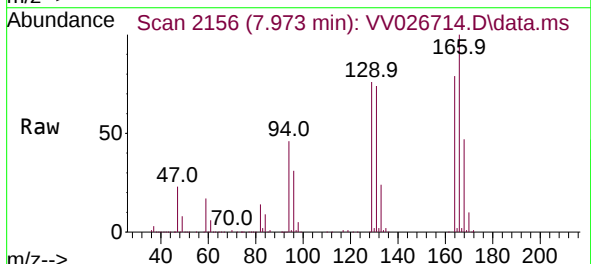
Ion	Ratio	Lower	Upper
97	100		
99	62.7	41.9	77.9
83	84.1	58.1	107.9
85	55.1	37.3	69.3

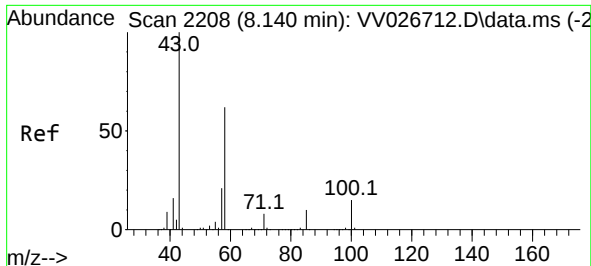


#47
Tetrachloroethene
Concen: 21.465 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

Tgt Ion: 164 Resp: 345370

Ion	Ratio	Lower	Upper
164	100		
129	96.7	67.8	125.8
131	93.5	65.9	122.5
166	127.0	88.8	164.8



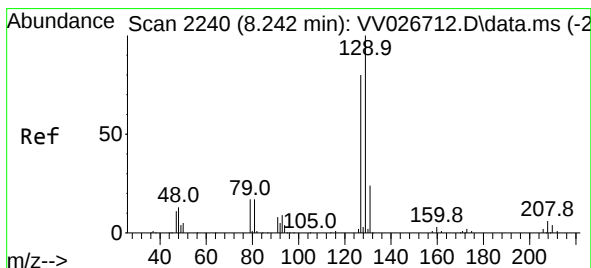
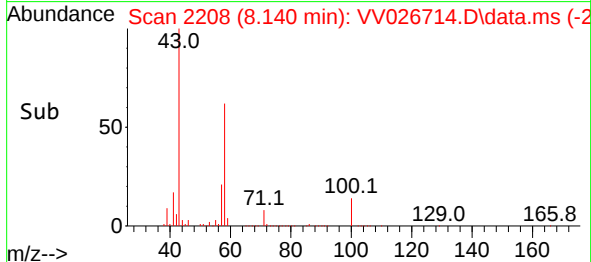
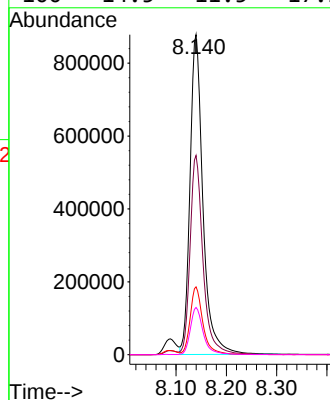
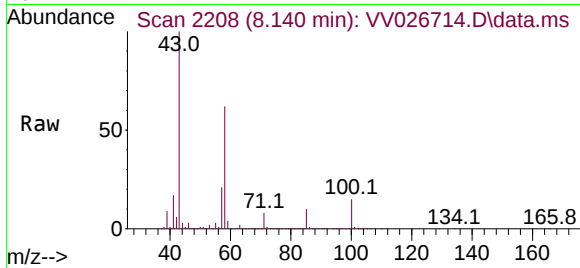


#48
2-Hexanone
Concen: 231.637 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD020205

Tgt Ion: 43 Resp: 1572455

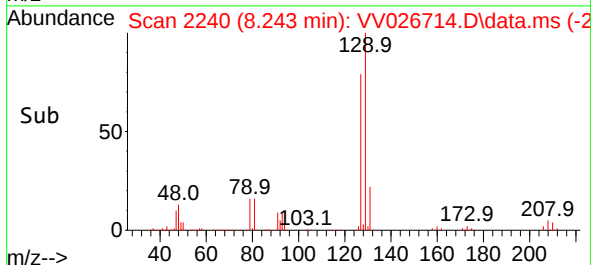
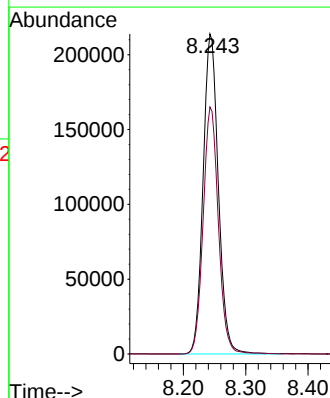
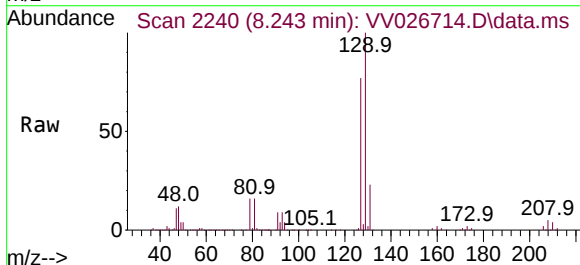
Ion	Ratio	Lower	Upper
43	100		
58	62.1	47.9	71.9
57	20.7	16.3	24.5
100	14.5	11.5	17.3

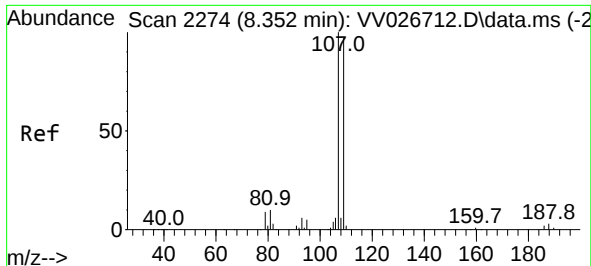


#49
Dibromochloromethane
Concen: 21.462 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

Tgt Ion: 129 Resp: 363677

Ion	Ratio	Lower	Upper
129	100		
127	77.1	55.7	103.5





#50

1,2-Dibromoethane

Concen: 21.129 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV026714.D

Acq: 11 Jul 2022 21:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD020205

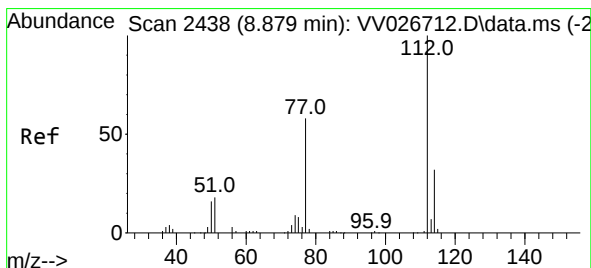
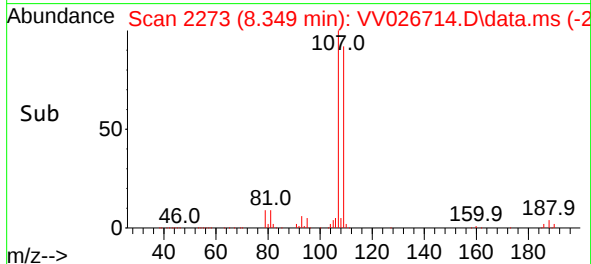
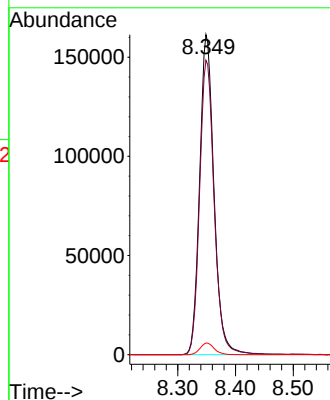
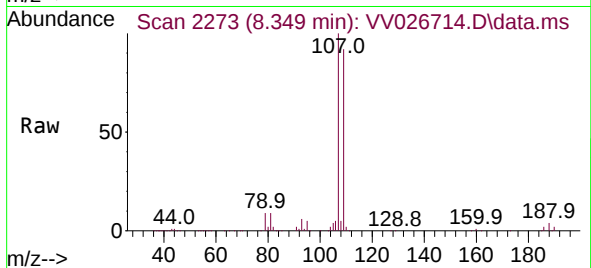
Tgt Ion:107 Resp: 279254

Ion Ratio Lower Upper

107 100

109 92.0 68.0 126.4

188 3.6 2.8 4.2



#51

Chlorobenzene

Concen: 21.789 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV026714.D

Acq: 11 Jul 2022 21:09

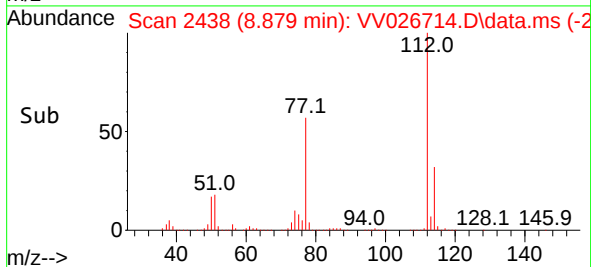
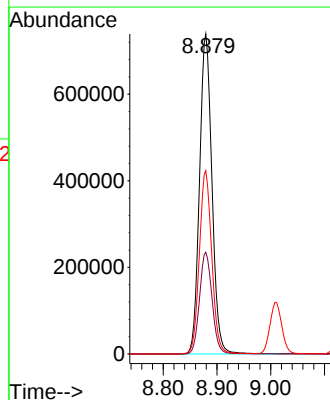
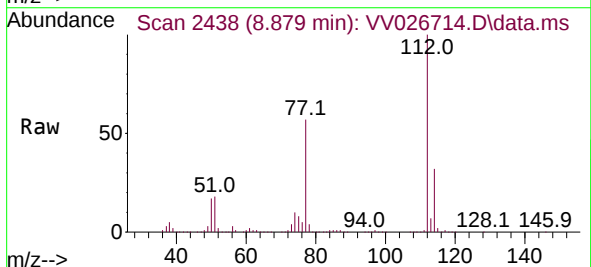
Tgt Ion:112 Resp: 1184648

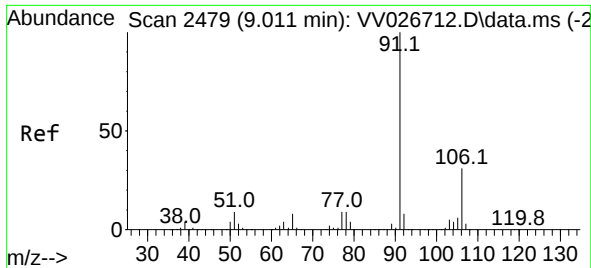
Ion Ratio Lower Upper

112 100

114 31.8 22.7 42.1

77 57.2 46.6 70.0

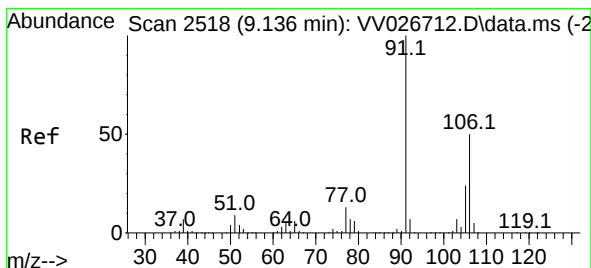
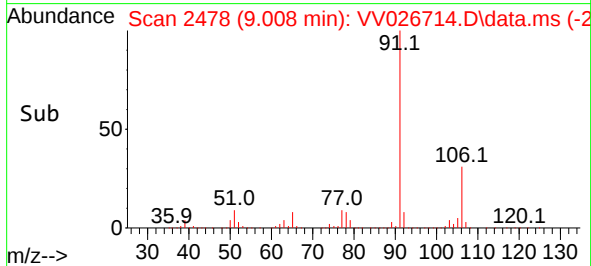
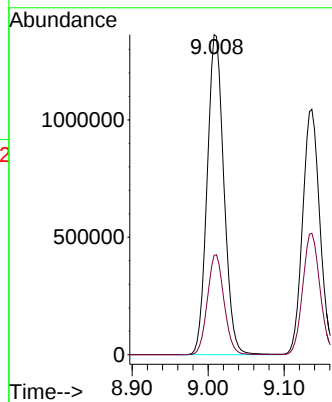
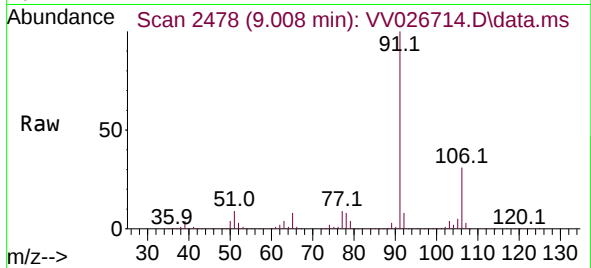




#52
Ethylbenzene
Concen: 24.313 ug/L
RT: 9.008 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

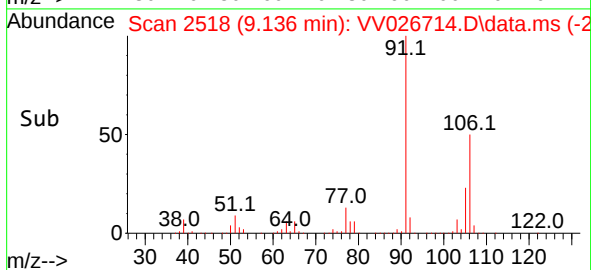
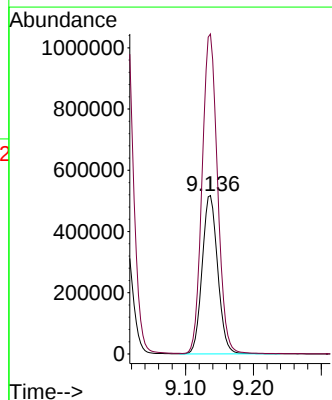
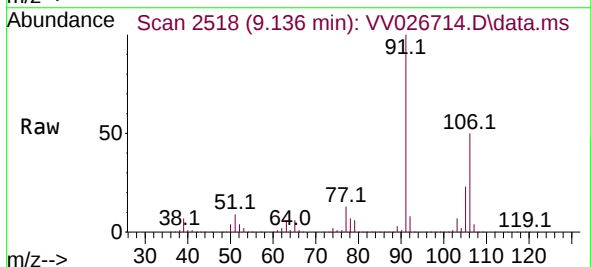
Instrument :
MSVOA_V
ClientSampleId :
VSTD020205

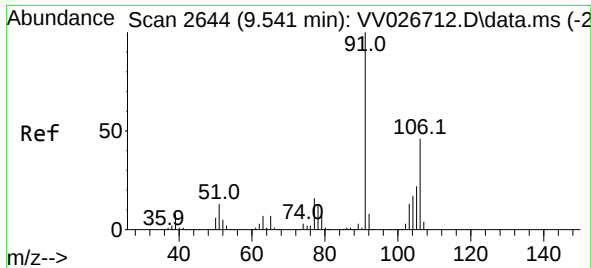
Tgt Ion: 91 Resp: 2081691
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.2



#53
m,p-Xylene
Concen: 24.816 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

Tgt Ion:106 Resp: 822770
Ion Ratio Lower Upper
106 100
91 202.0 139.3 258.7

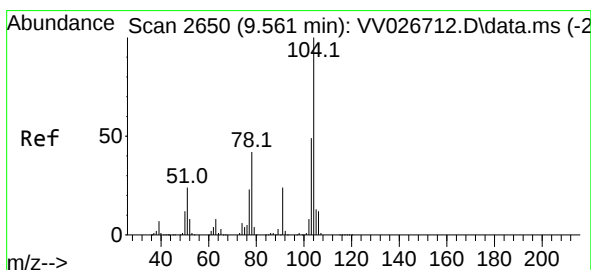
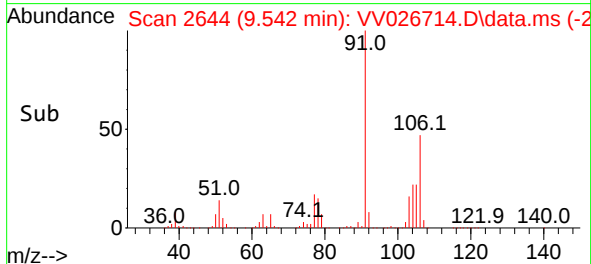
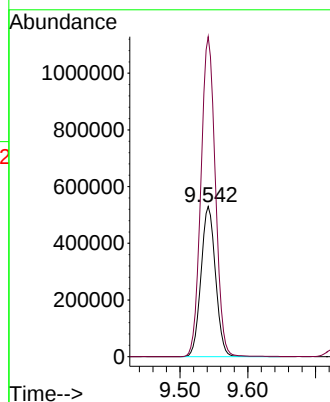
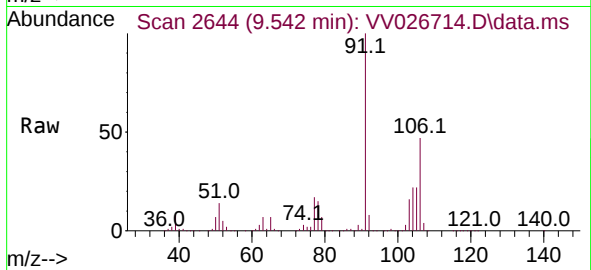




#54
o-Xylene
Concen: 25.489 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

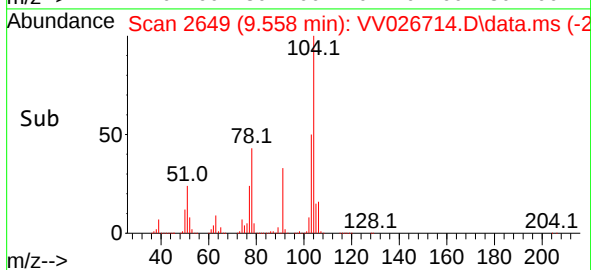
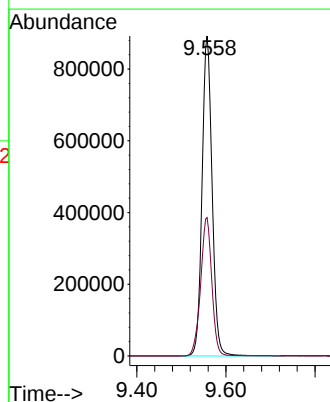
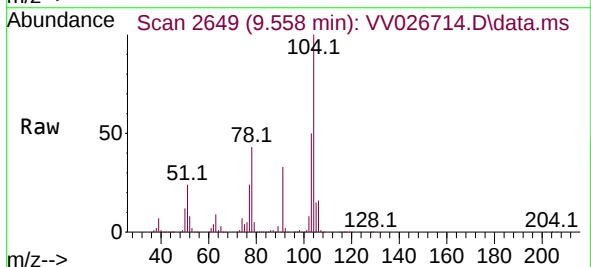
Instrument :
MSVOA_V
ClientSampleId :
VSTD020205

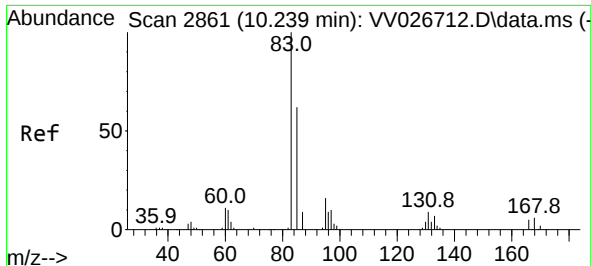
Tgt Ion:106 Resp: 788826
Ion Ratio Lower Upper
106 100
91 213.1 151.1 280.7



#55
Styrene
Concen: 25.385 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

Tgt Ion:104 Resp: 1395590
Ion Ratio Lower Upper
104 100
78 43.2 29.5 54.9

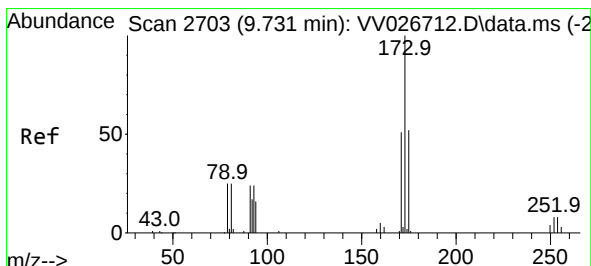
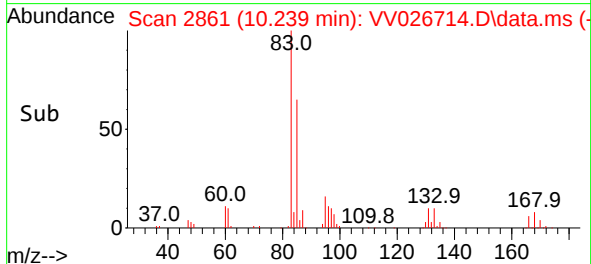
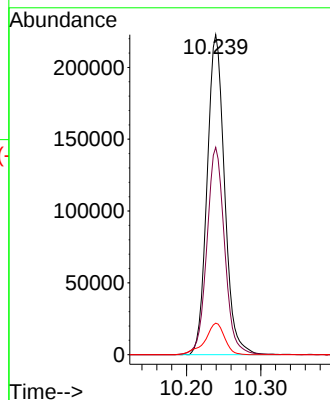
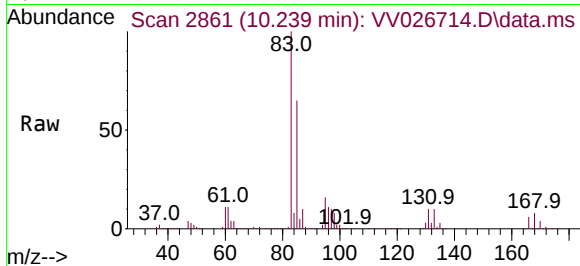




#57
1,1,2,2-Tetrachloroethane
Concen: 20.433 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

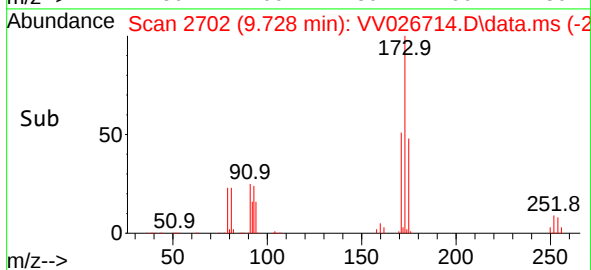
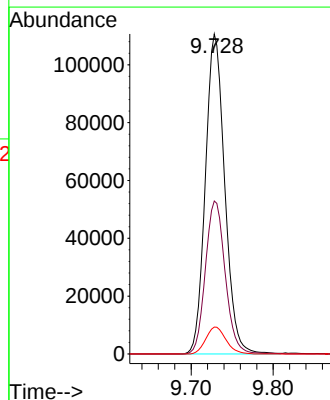
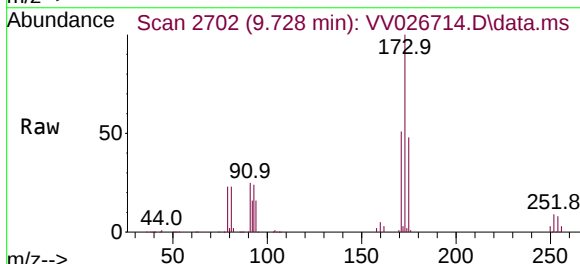
Instrument :
MSVOA_V
ClientSampleId :
VSTD020205

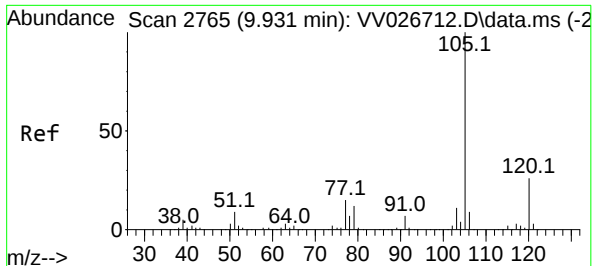
Tgt Ion: 83 Resp: 362883
Ion Ratio Lower Upper
83 100
85 64.8 43.6 81.0
131 9.8 7.4 11.2



#59
Bromoform
Concen: 19.469 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

Tgt Ion: 173 Resp: 181790
Ion Ratio Lower Upper
173 100
175 48.7 40.7 61.1
254 8.7 6.5 9.7

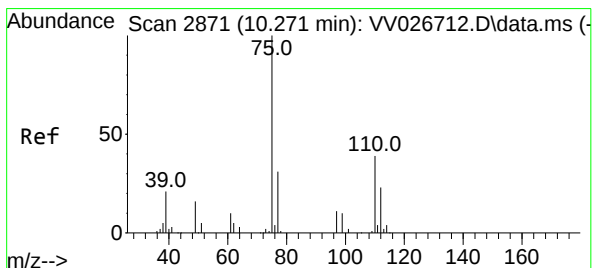
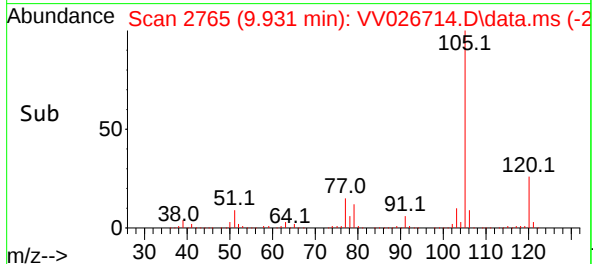
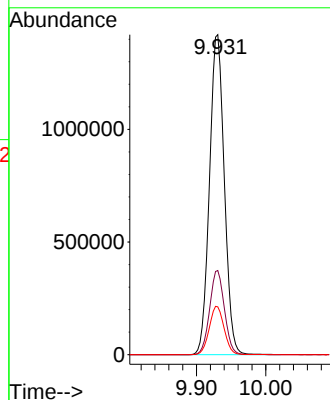
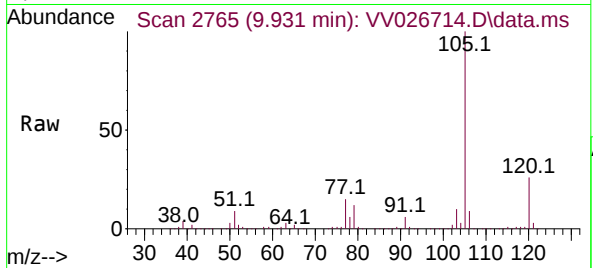




#60
Isopropylbenzene
Concen: 23.397 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

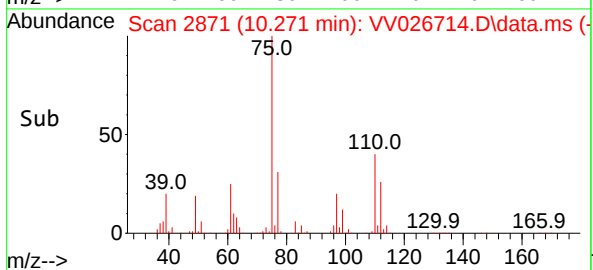
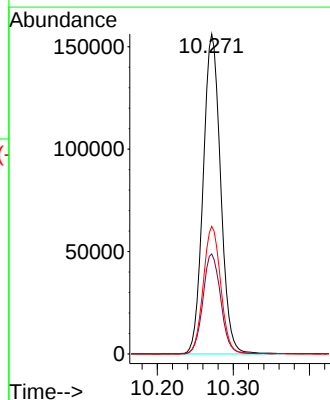
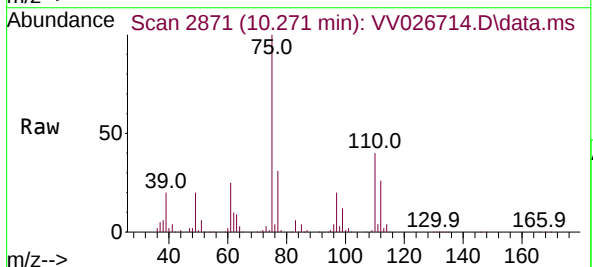
Instrument :
MSVOA_V
ClientSampleId :
VSTD020205

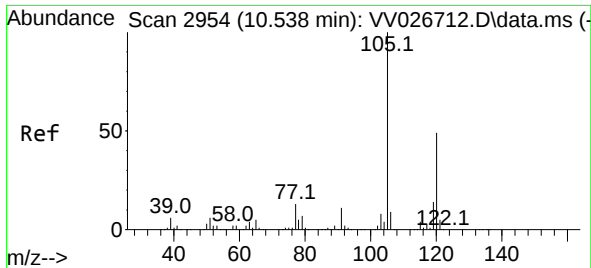
Tgt Ion:105 Resp: 2104251
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 15.1 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 18.711 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

Tgt Ion: 75 Resp: 249119
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
110 39.8 31.8 47.6

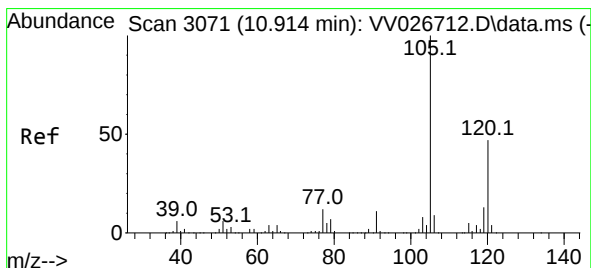
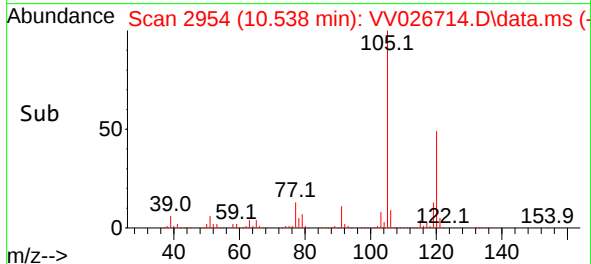
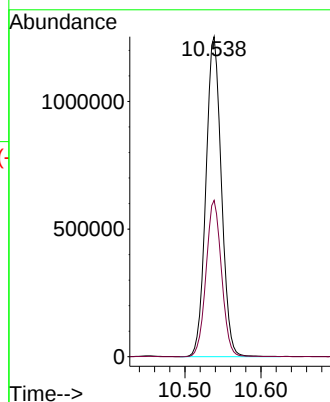
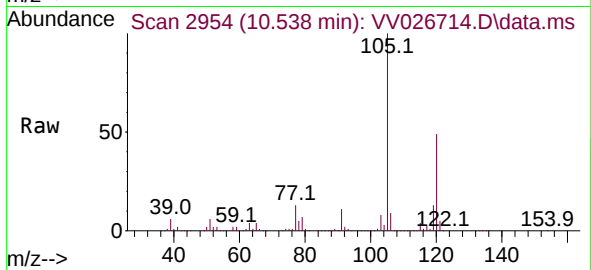




#62
 1,3,5-Trimethylbenzene
 Concen: 24.670 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026714.D
 Acq: 11 Jul 2022 21:09

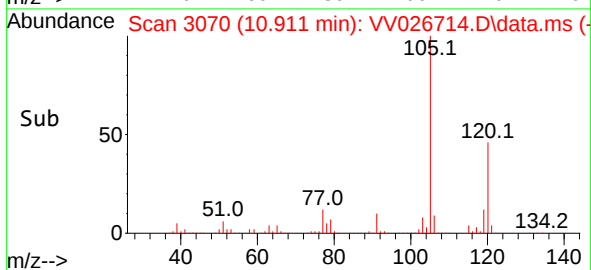
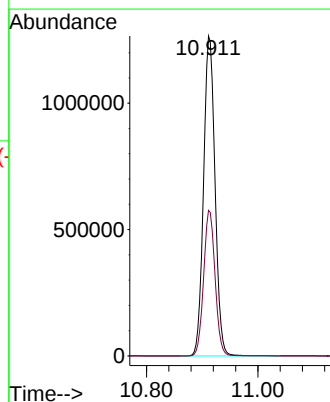
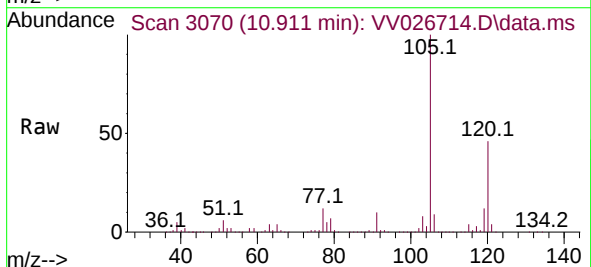
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020205

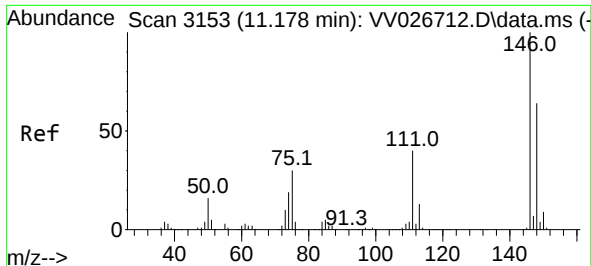
Tgt Ion:105 Resp: 1770274
 Ion Ratio Lower Upper
 105 100
 120 49.0 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 24.914 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.003 min
 Lab File: VV026714.D
 Acq: 11 Jul 2022 21:09

Tgt Ion:105 Resp: 1811927
 Ion Ratio Lower Upper
 105 100
 120 45.4 36.8 55.2

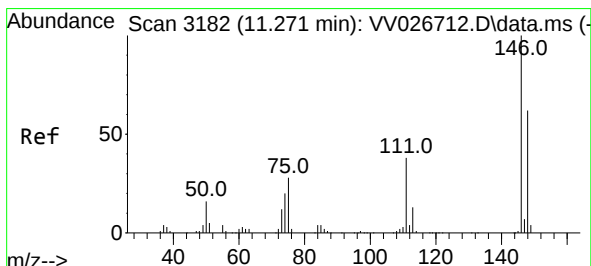
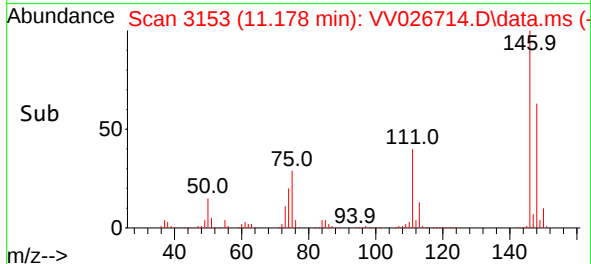
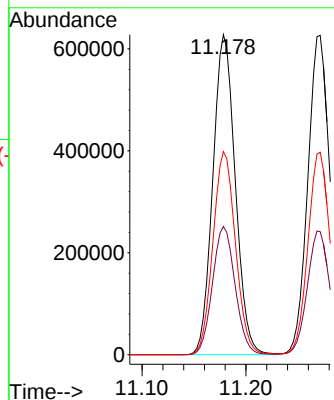
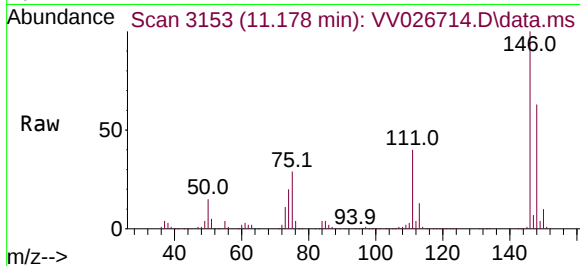




#64
1,3-Dichlorobenzene
Concen: 21.417 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

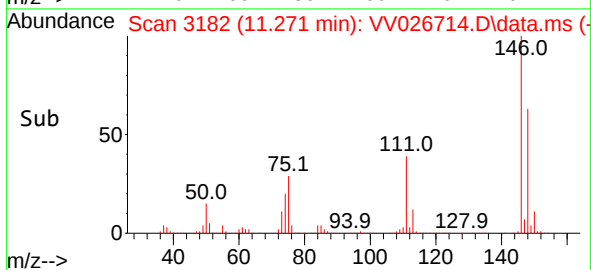
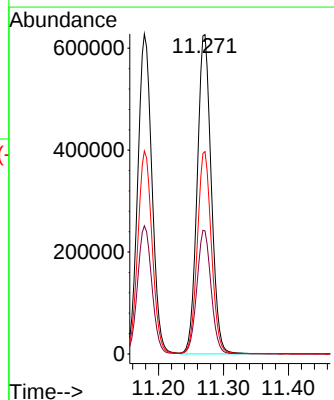
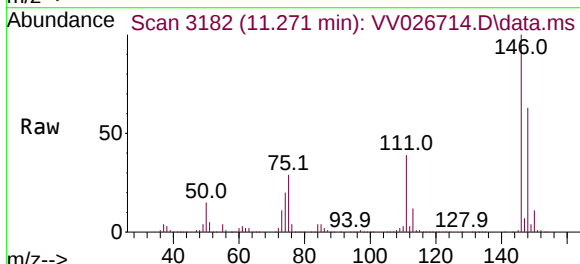
Instrument :
MSVOA_V
ClientSampleId :
VSTD020205

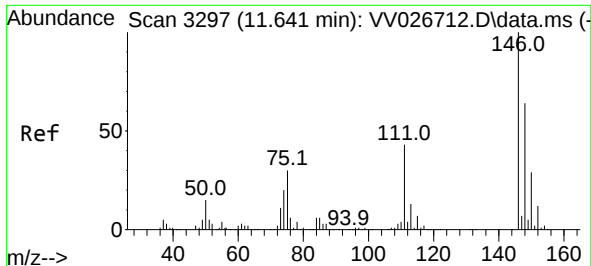
Tgt Ion:146 Resp: 941795
Ion Ratio Lower Upper
146 100
111 40.0 27.9 51.7
148 63.5 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 21.321 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

Tgt Ion:146 Resp: 944149
Ion Ratio Lower Upper
146 100
111 38.5 26.8 49.8
148 63.4 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 21.011 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026714.D

Acq: 11 Jul 2022 21:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD020205

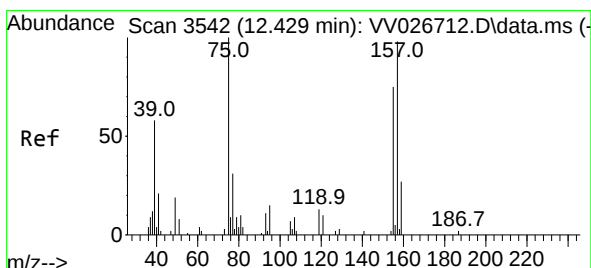
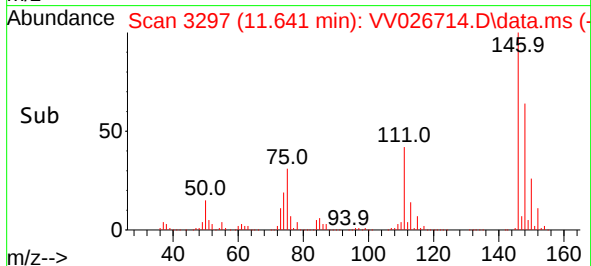
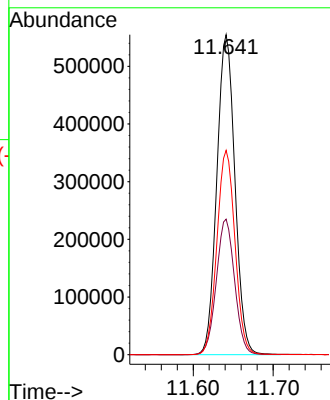
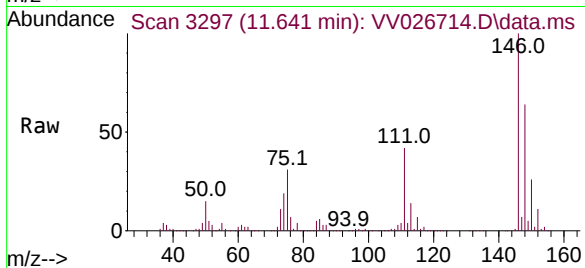
Tgt Ion:146 Resp: 868672

Ion Ratio Lower Upper

146 100

111 42.3 34.6 52.0

148 63.8 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 19.132 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VV026714.D

Acq: 11 Jul 2022 21:09

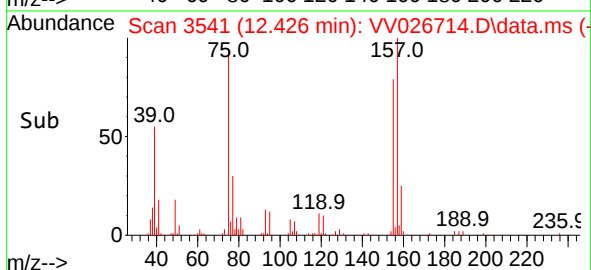
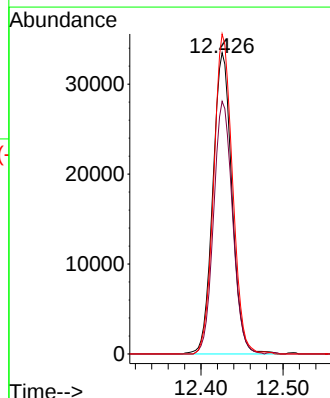
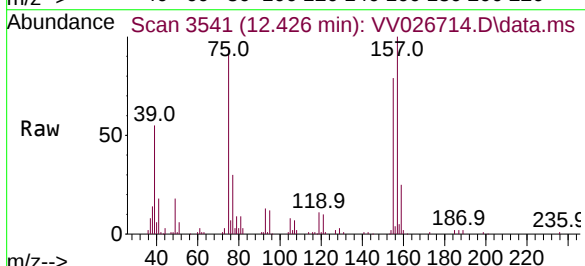
Tgt Ion: 75 Resp: 54113

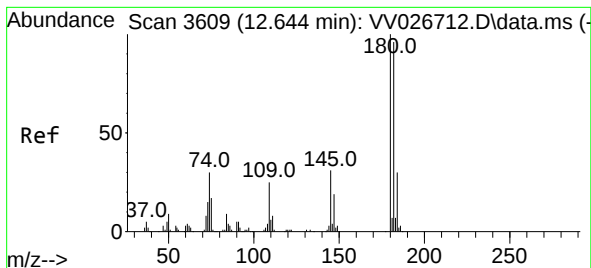
Ion Ratio Lower Upper

75 100

155 83.9 60.3 90.5

157 106.2 78.2 117.4





#69

1,3,5-Trichlorobenzene

Concen: 21.691 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV026714.D

Acq: 11 Jul 2022 21:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD020205

Tgt Ion:180 Resp: 675013

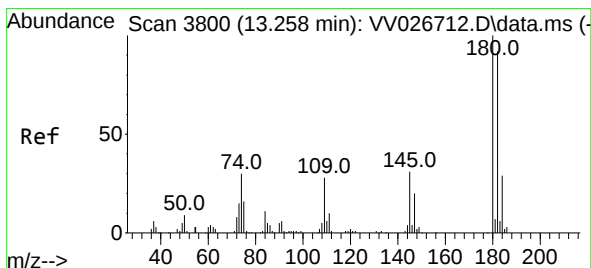
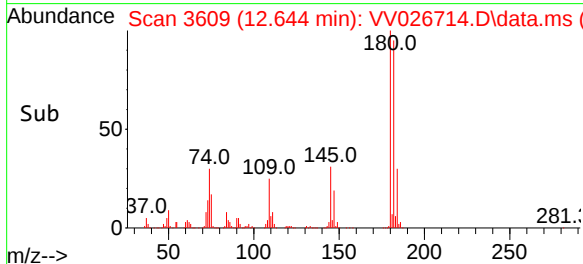
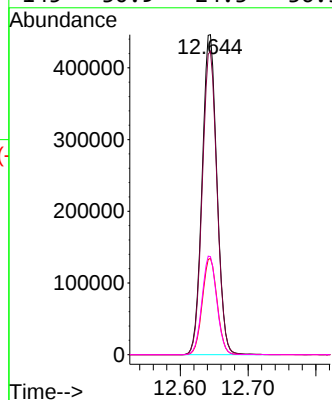
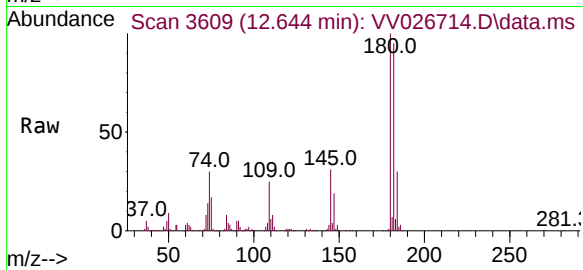
Ion Ratio Lower Upper

180 100

182 94.8 74.0 111.0

184 30.2 23.1 34.7

145 30.9 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 22.813 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026714.D

Acq: 11 Jul 2022 21:09

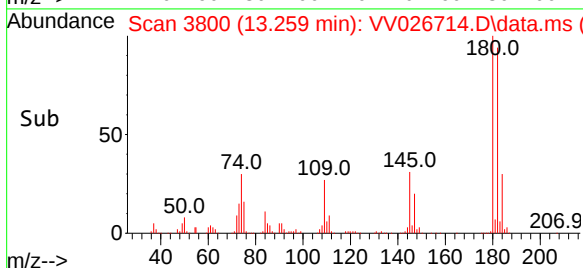
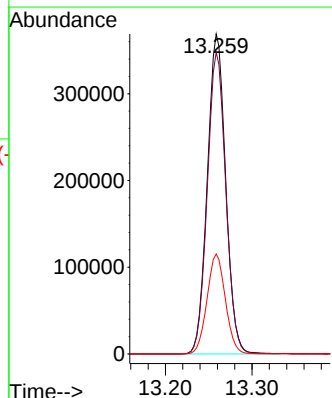
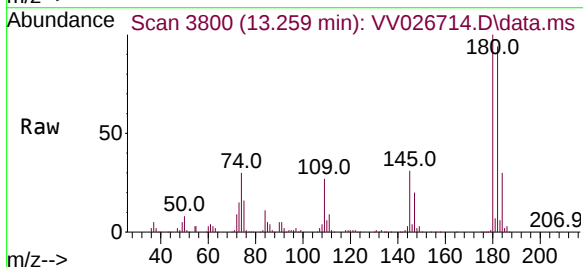
Tgt Ion:180 Resp: 543150

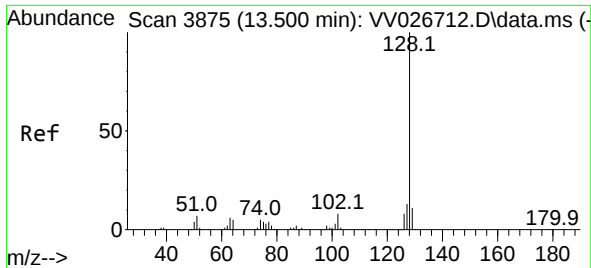
Ion Ratio Lower Upper

180 100

182 94.9 74.7 112.1

145 31.3 24.7 37.1

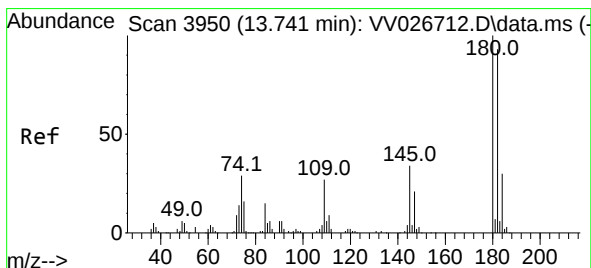
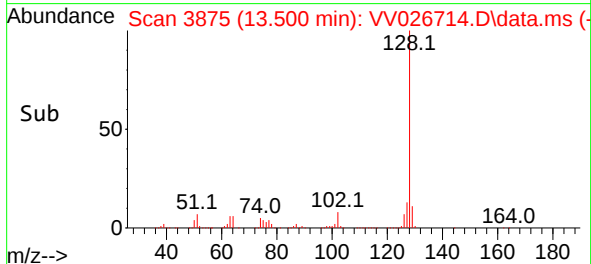
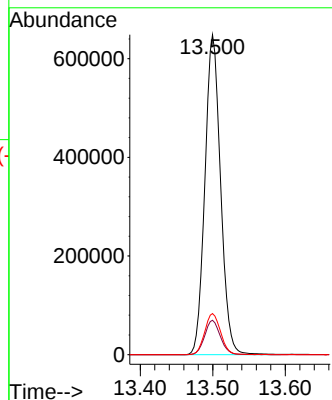
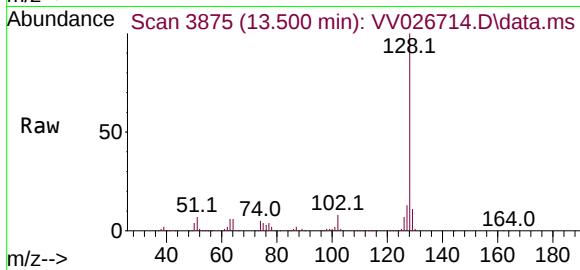




#71
Naphthalene
Concen: 24.688 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD020205

Tgt Ion:128 Resp: 974379
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.1 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 22.701 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026714.D
Acq: 11 Jul 2022 21:09

Tgt Ion:180 Resp: 499504
Ion Ratio Lower Upper
180 100
182 95.0 75.0 112.4
145 33.6 26.0 39.0

