

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071922\
 Data File : VX030114.D
 Acq On : 19 Jul 2022 13:18
 Operator : JC/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200676

Quant Time: Jul 20 07:34:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 20 07:31:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	299541	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	281840	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	150155	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	441774	189.080	ug/L	0.00
7) Chloroethane-d5	1.654	69	233500	144.417	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.306	63	880393	194.807	ug/L	0.00
21) 2-Butanone-d5	4.465	46	921519	400.977	ug/L	0.00
24) Chloroform-d	5.062	84	931796	196.432	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	572878	193.045	ug/L	0.00
32) Benzene-d6	5.977	84	1978263	190.688	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	635857	191.128	ug/L	0.00
41) Toluene-d8	8.653	98	1793876	189.511	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	304139	215.266	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	672757	403.255	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	851117	191.720	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	650584	186.911	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	491725	196.033	ug/L	98
3) Chloromethane	1.288	50	432575	192.937	ug/L	98
5) Vinyl chloride	1.374	62	462533	197.914	ug/L	96
6) Bromomethane	1.605	94	200123	189.833	ug/L	100
8) Chloroethane	1.672	64	249449	193.424	ug/L	96
9) Trichlorofluoromethane	1.880	101	603226	199.389	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	422654	197.616	ug/L	99
12) 1,1-Dichloroethene	2.313	96	409528	198.603	ug/L	97
13) Acetone	2.392	43	496159	387.887	ug/L	99
14) Carbon disulfide	2.508	76	1186086	204.384	ug/L	100
15) Methyl Acetate	2.709	43	586890	201.451	ug/L	100
16) Methylene chloride	2.788	84	476400	191.386	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	449424	204.813	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	1393472	206.135	ug/L	99
19) 1,1-Dichloroethane	3.611	63	818448	204.052	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	516103	202.569	ug/L	96
22) 2-Butanone	4.568	43	890144	407.008	ug/L	99
23) Bromochloromethane	4.904	128	249645	196.897	ug/L	96
25) Chloroform	5.099	83	837146	201.079	ug/L	98
27) 1,2-Dichloroethane	6.092	62	647190	206.977	ug/L	98
29) Cyclohexane	5.471	56	796170	205.942	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	704531	203.173	ug/L	99
31) Carbon tetrachloride	5.684	117	593958	207.937	ug/L	99
33) Benzene	6.044	78	1956539	199.373	ug/L	100
34) Trichloroethene	7.129	95	528291	200.991	ug/L	97
35) Methylcyclohexane	7.385	83	822403	207.981	ug/L	100
37) 1,2-Dichloropropane	7.434	63	510408	201.021	ug/L	99
38) Bromodichloromethane	7.824	83	641464	204.128	ug/L	99
39) cis-1,3-Dichloropropene	8.372	75	788419	214.743	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	1728760	413.785	ug/L	99
42) Toluene	8.720	91	2059017	202.071	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	763579	222.081	ug/L	100

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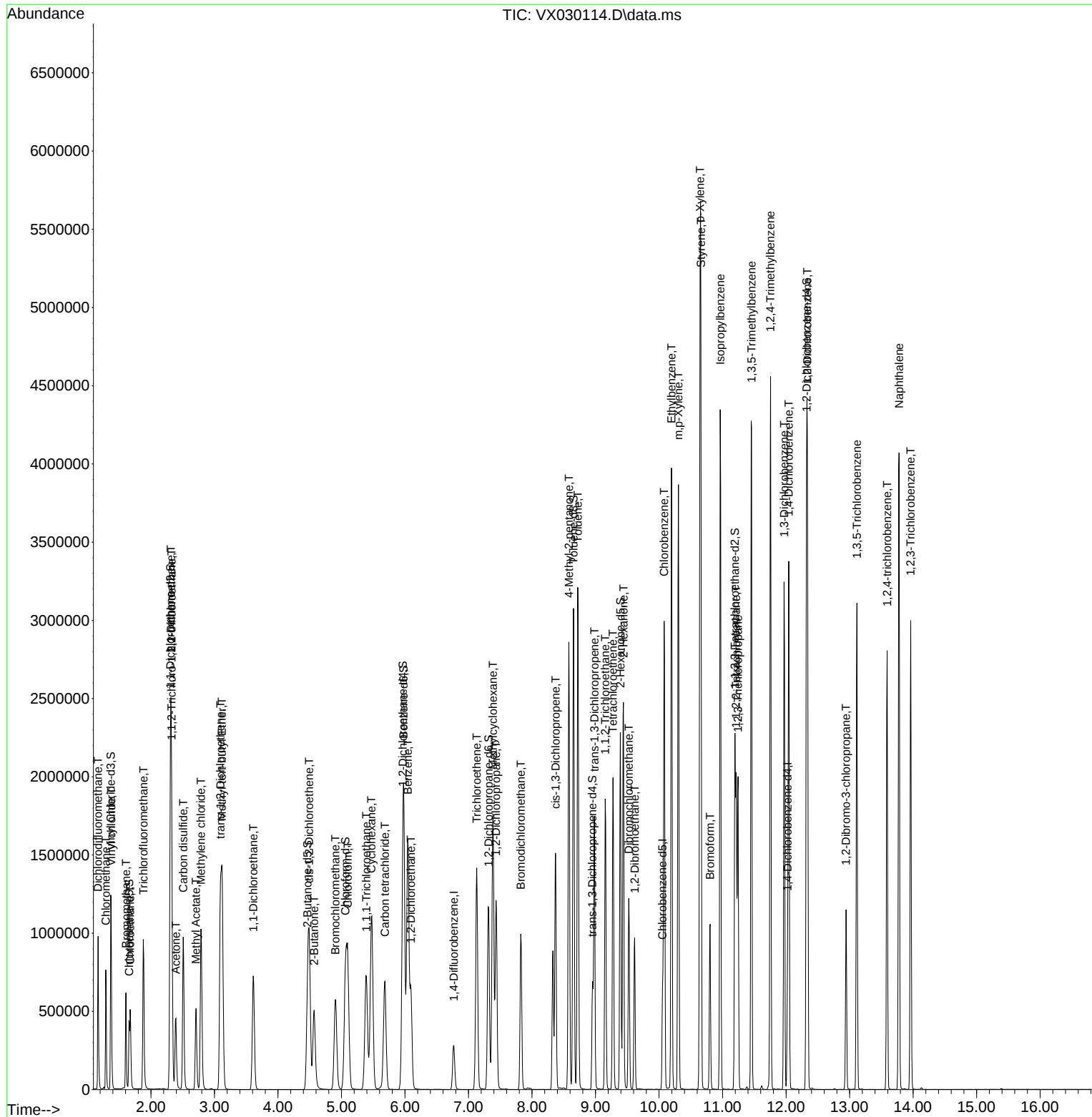
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	494996	201.391	ug/L	99
46) Tetrachloroethene	9.275	164	355649	195.312	ug/L	95
48) 2-Hexanone	9.439	43	1370723	408.561	ug/L	99
49) Dibromochloromethane	9.525	129	525685	213.747	ug/L	99
50) 1,2-Dibromoethane	9.616	107	535011	204.982	ug/L	99
51) Chlorobenzene	10.079	112	1289268	201.374	ug/L	97
52) Ethylbenzene	10.195	91	2248599	207.039	ug/L	100
53) m,p-Xylene	10.305	106	873677	206.366	ug/L	98
54) o-Xylene	10.646	106	846854	205.990	ug/L	100
55) Styrene	10.659	104	1491315	210.568	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	776326	200.147	ug/L	100
59) Bromoform	10.805	173	375657	214.195	ug/L	99
60) Isopropylbenzene	10.963	105	2235260	203.102	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	642880	193.010	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	1869815	205.606	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	1900365	209.581	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	982281	202.911	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	989078	203.230	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	966100	196.177	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	224038	223.969	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	673252	205.972	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	621676	216.688	ug/L	99
71) Naphthalene	13.780	128	2547439	217.038	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	638347	209.424	ug/L	99

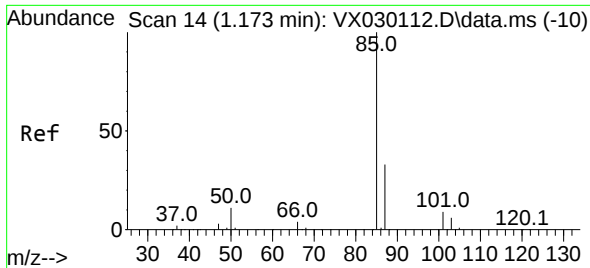
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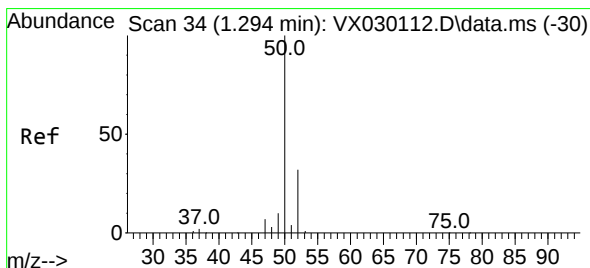
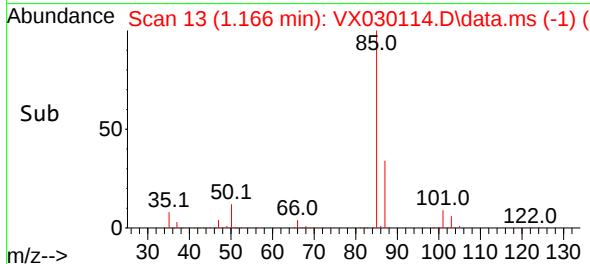
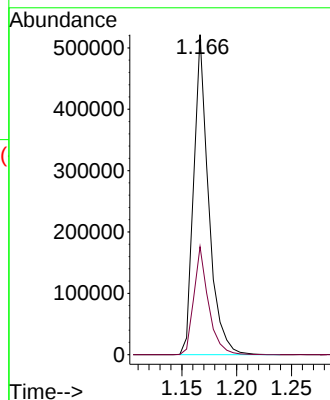
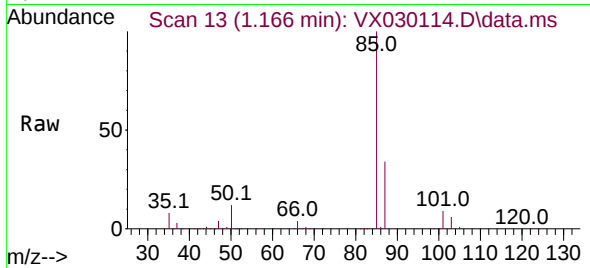




#2
Dichlorodifluoromethane
Concen: 196.033 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

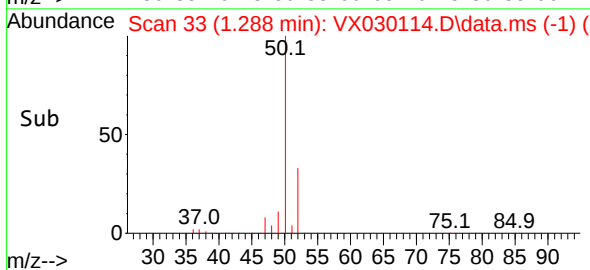
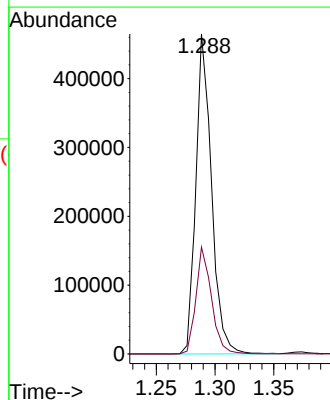
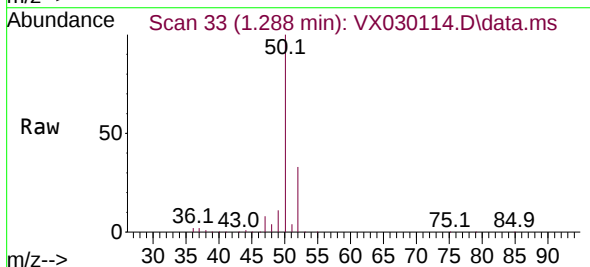
Instrument :
MSVOA_X
ClientSampleId :
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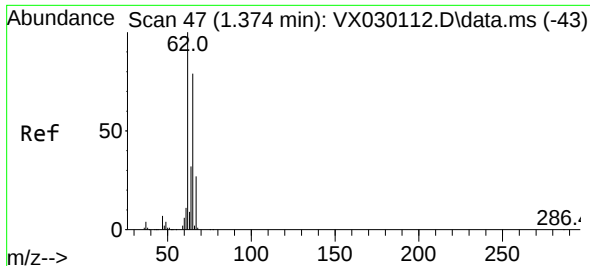
Tgt Ion: 85 Resp: 491725
Ion Ratio Lower Upper
85 100
87 33.2 25.7 38.5



#3
Chloromethane
Concen: 192.937 ug/L
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

Tgt Ion: 50 Resp: 432575
Ion Ratio Lower Upper
50 100
52 33.4 22.6 42.0

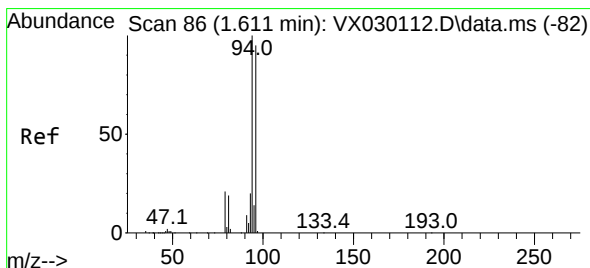
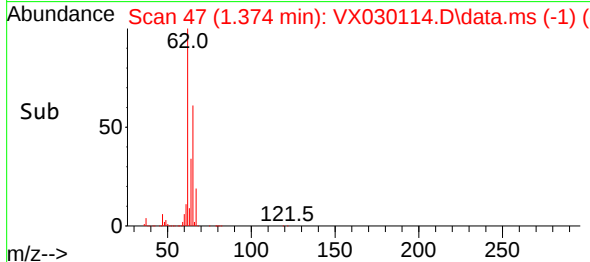
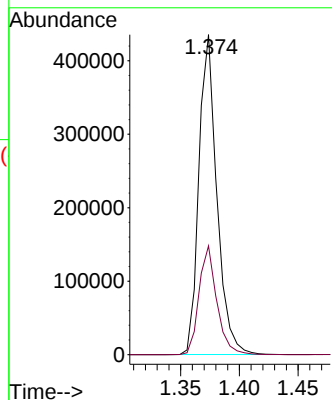
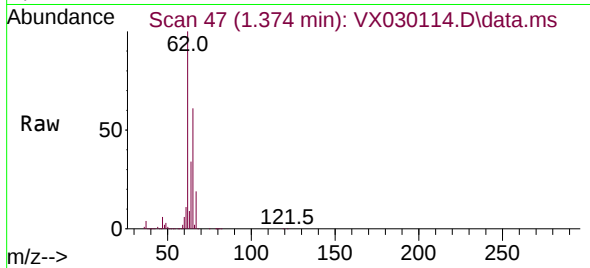




#5
 Vinyl chloride
 Concen: 197.914 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030114.D
 Acq: 19 Jul 2022 13:18

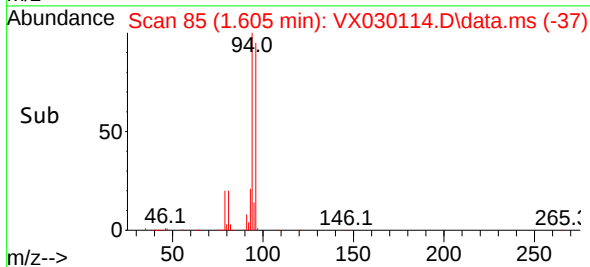
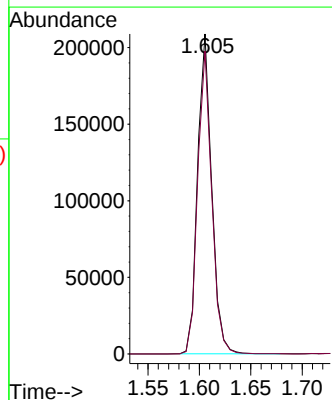
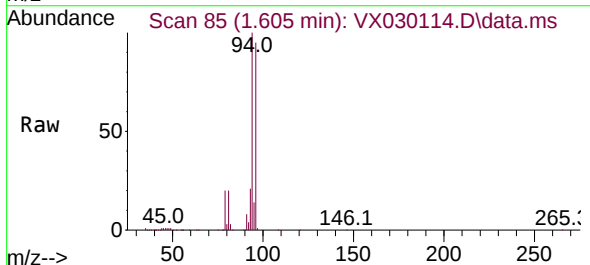
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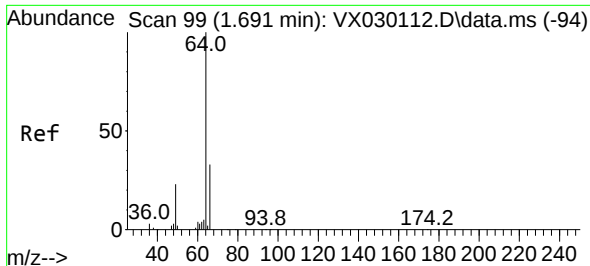
Tgt Ion: 62 Resp: 462533
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.1 41.1



#6
 Bromomethane
 Concen: 189.833 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX030114.D
 Acq: 19 Jul 2022 13:18

Tgt Ion: 94 Resp: 200123
 Ion Ratio Lower Upper
 94 100
 96 94.6 66.5 123.5

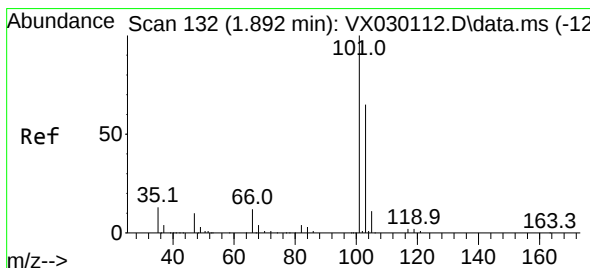
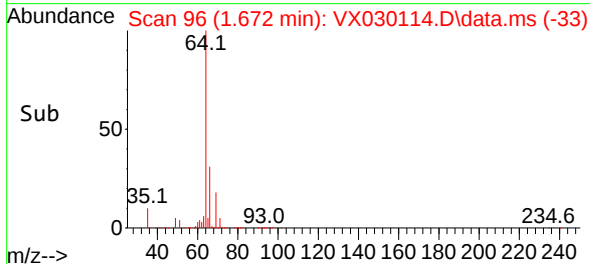
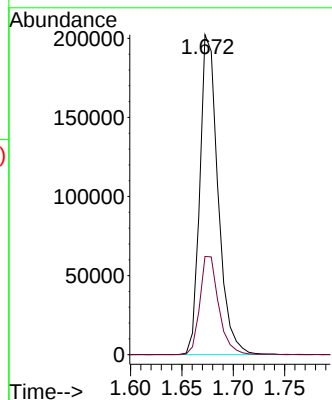
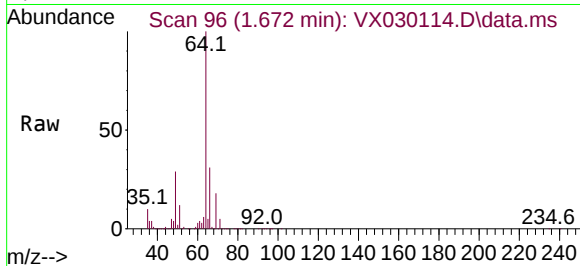




#8
Chloroethane
Concen: 193.424 ug/L
RT: 1.672 min Scan# 90
Delta R.T. -0.018 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

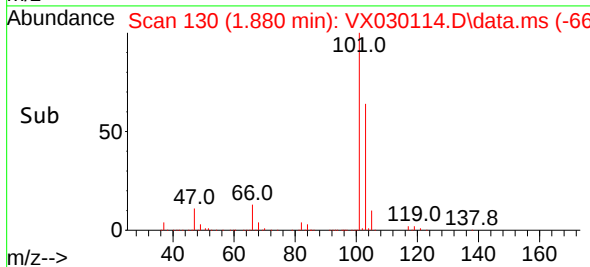
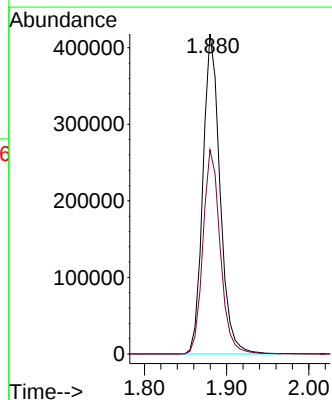
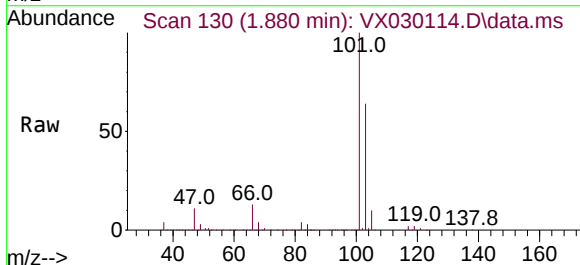
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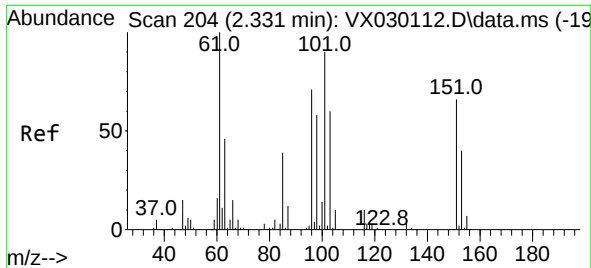
Tgt Ion: 64 Resp: 249449
Ion Ratio Lower Upper
64 100
66 30.7 23.0 42.6



#9
Trichlorofluoromethane
Concen: 199.389 ug/L
RT: 1.880 min Scan# 130
Delta R.T. -0.012 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

Tgt Ion: 101 Resp: 603226
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.6

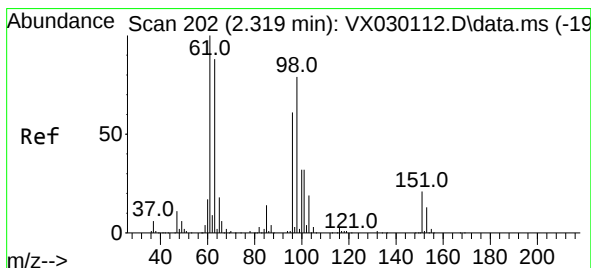
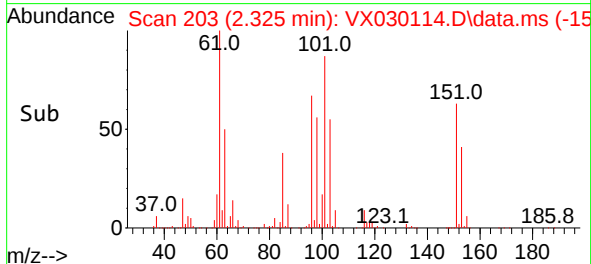
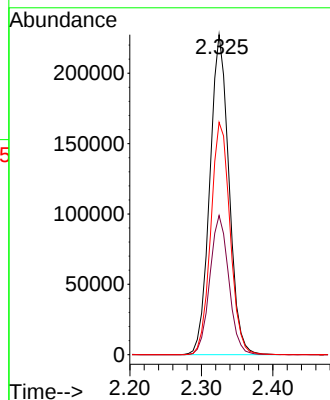
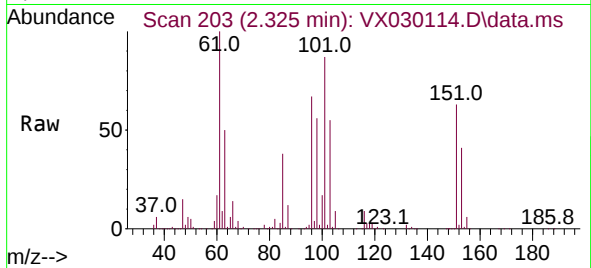




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 197.616 ug/L
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

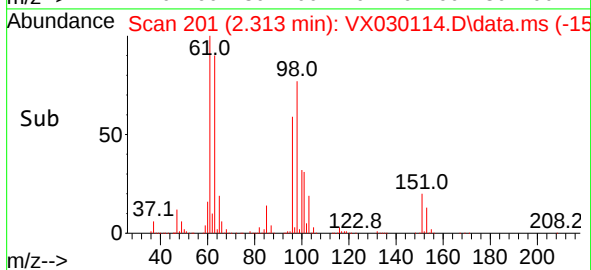
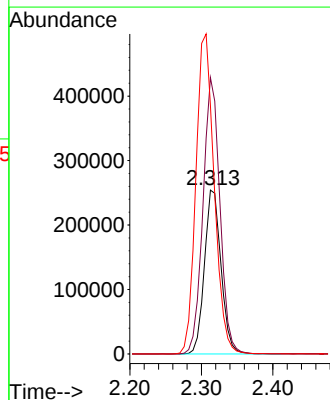
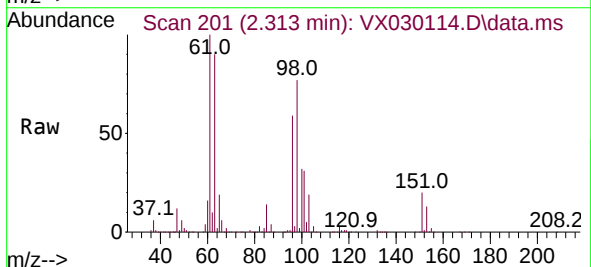
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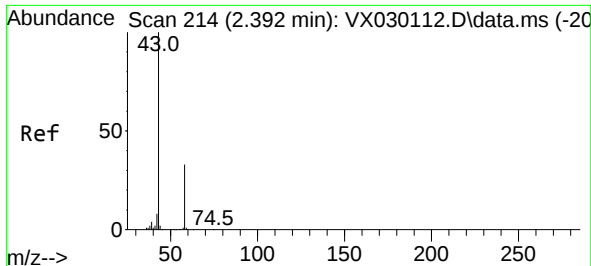
Tgt Ion:101 Resp: 422654
Ion Ratio Lower Upper
101 100
85 43.0 34.1 51.1
151 73.2 59.4 89.2



#12
1,1-Dichloroethene
Concen: 198.603 ug/L
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

Tgt Ion: 96 Resp: 409528
Ion Ratio Lower Upper
96 100
61 168.6 115.1 213.7
63 151.5 104.1 193.3

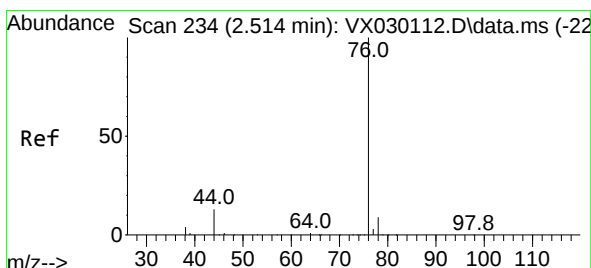
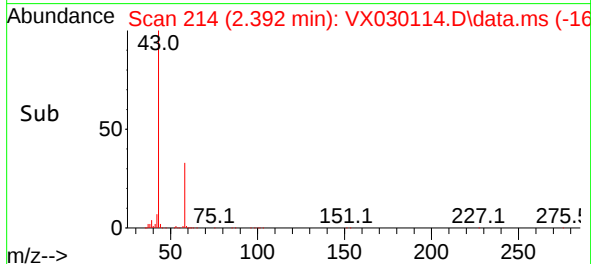
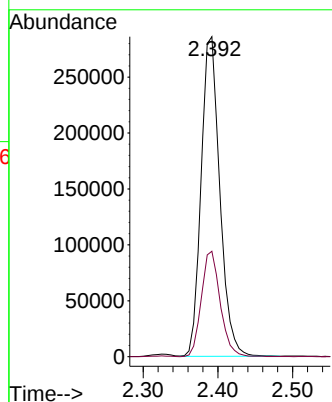
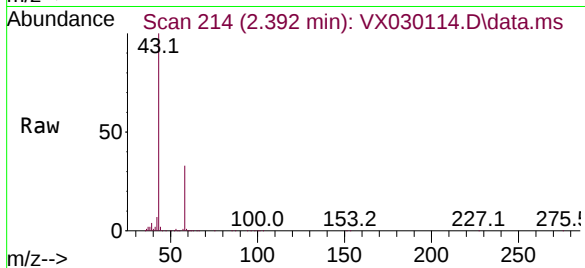




#13
Acetone
Concen: 387.887 ug/L
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

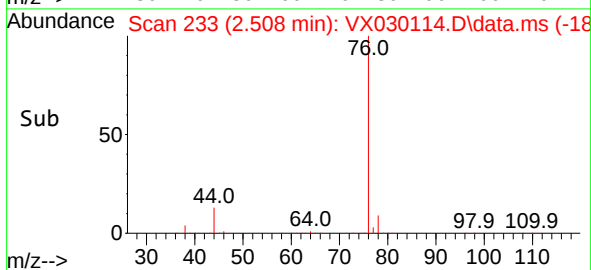
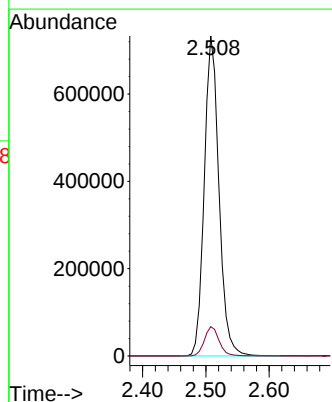
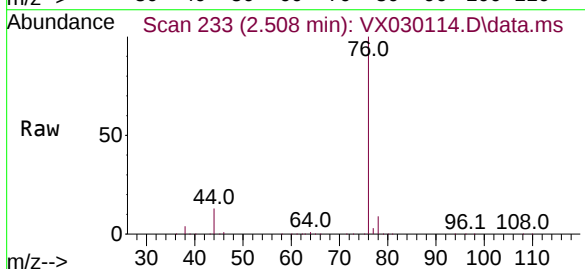
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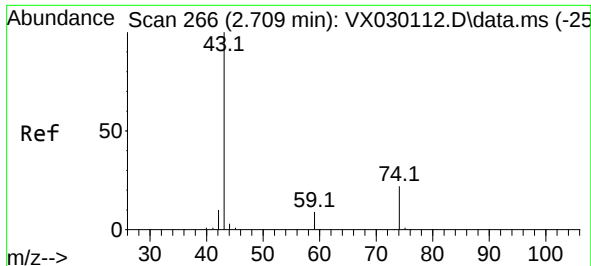
Tgt Ion: 43 Resp: 496159
Ion Ratio Lower Upper
43 100
58 33.3 0.0 65.6



#14
Carbon disulfide
Concen: 204.384 ug/L
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 1186086
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

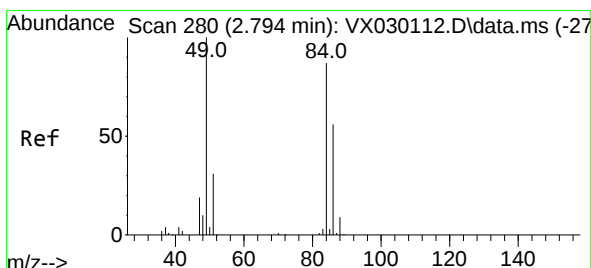
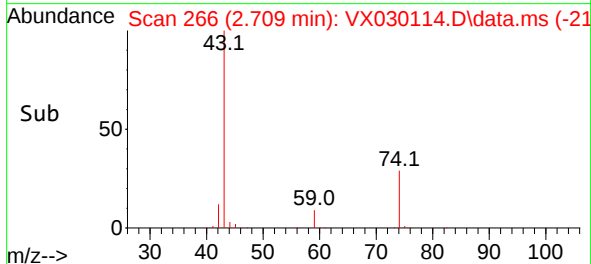
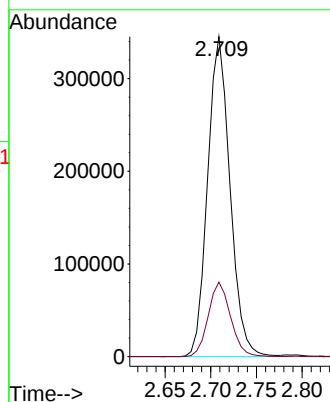
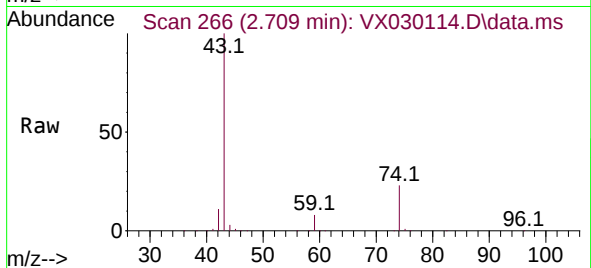




#15
Methyl Acetate
Concen: 201.451 ug/L
RT: 2.709 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

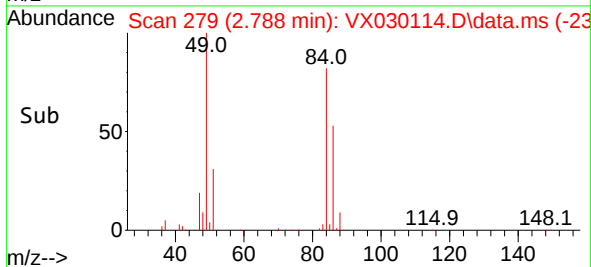
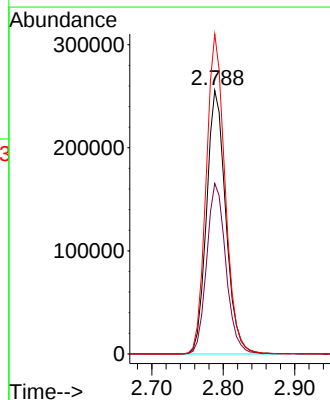
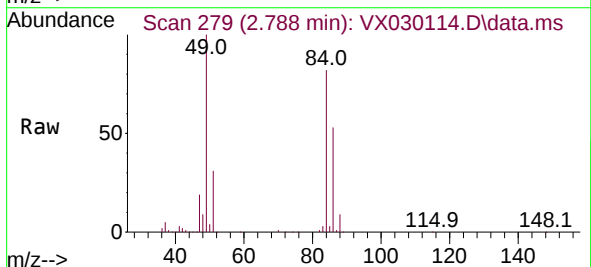
Instrument :
MSVOA_X
ClientSampleId :
VSTD200676

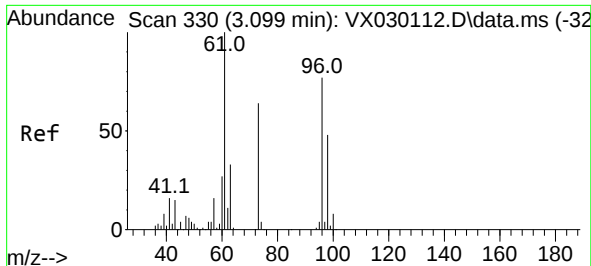
Tgt Ion: 43 Resp: 586890
Ion Ratio Lower Upper
43 100
74 23.3 18.7 28.1



#16
Methylene chloride
Concen: 191.386 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

Tgt Ion: 84 Resp: 476400
Ion Ratio Lower Upper
84 100
86 64.7 44.8 83.2
49 121.4 80.6 149.6

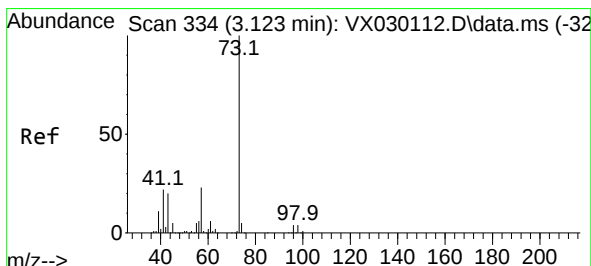
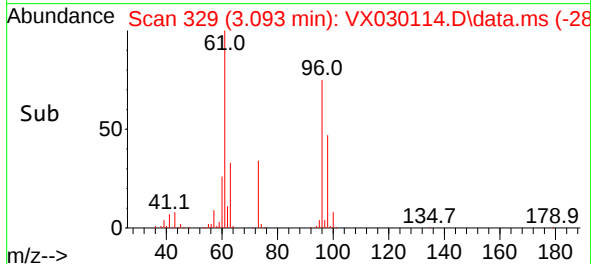
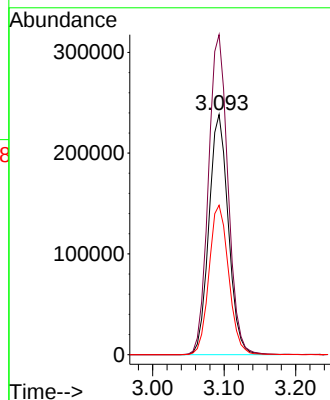
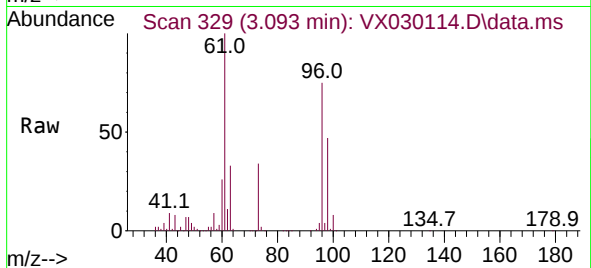




#17
trans-1,2-Dichloroethene
Concen: 204.813 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

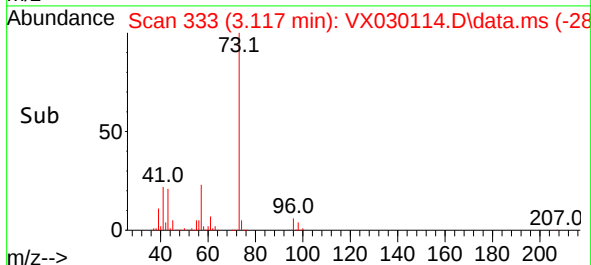
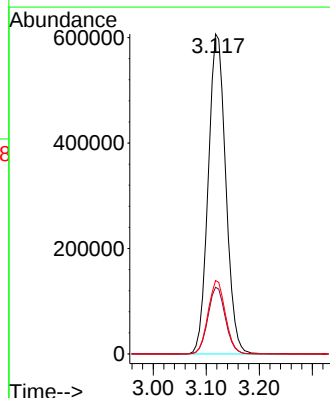
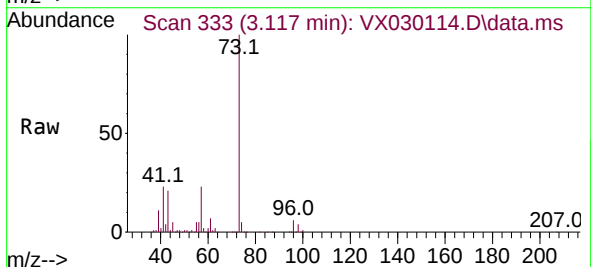
Instrument :
MSVOA_X
ClientSampleId :
VSTD200676

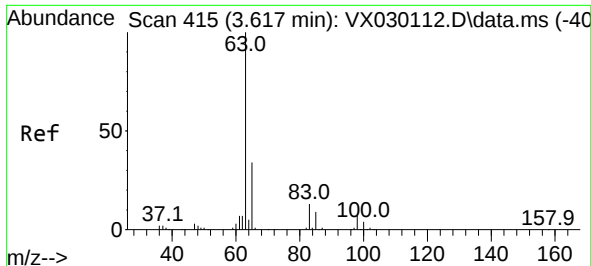
Tgt Ion: 96 Resp: 449424
Ion Ratio Lower Upper
96 100
61 133.2 90.4 168.0
98 62.2 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 206.135 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

Tgt Ion: 73 Resp: 1393472
Ion Ratio Lower Upper
73 100
43 20.7 16.2 24.4
57 22.7 17.7 26.5





#19

1,1-Dichloroethane

Concen: 204.052 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX030114.D

Acq: 19 Jul 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTD200676

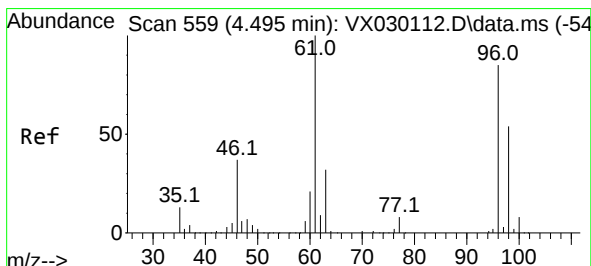
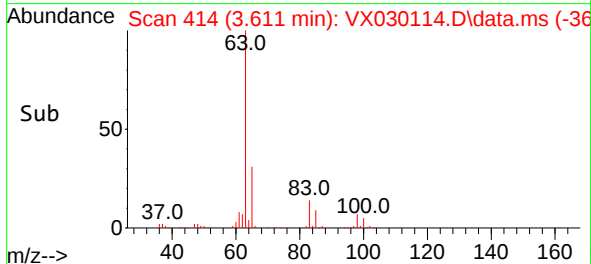
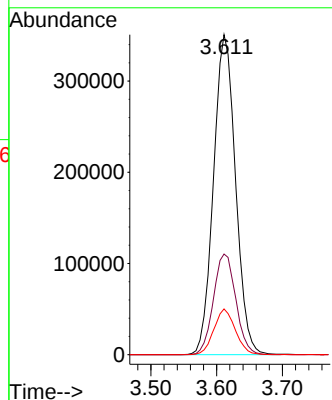
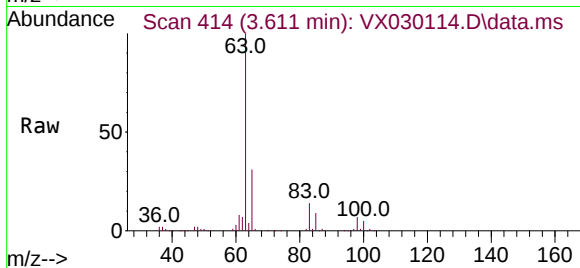
Tgt Ion: 63 Resp: 818448

Ion Ratio Lower Upper

63 100

65 31.4 23.4 43.6

83 14.3 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 202.569 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX030114.D

Acq: 19 Jul 2022 13:18

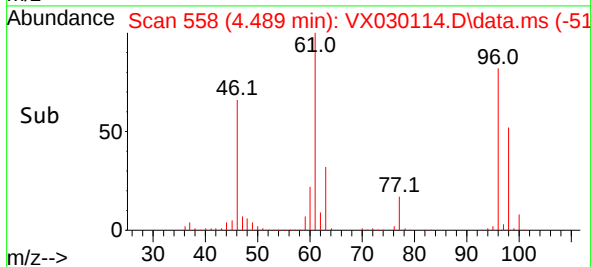
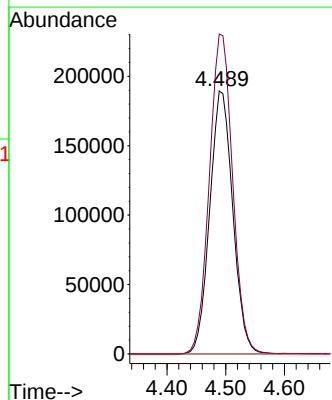
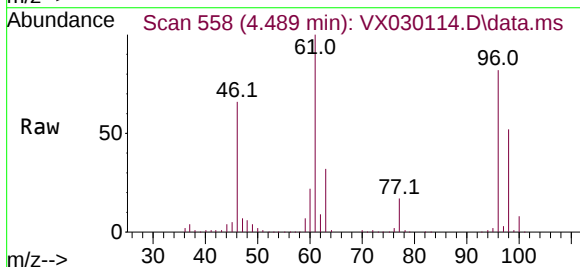
Tgt Ion: 96 Resp: 516103

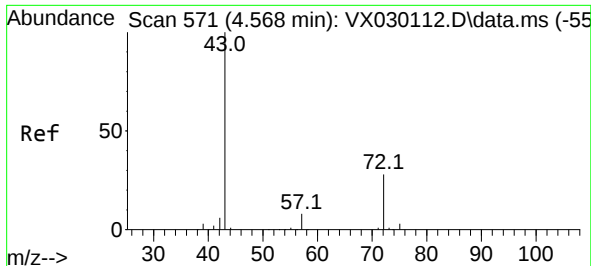
Ion Ratio Lower Upper

96 100

61 121.6 82.1 152.5

68 0.0 0.0 0.0

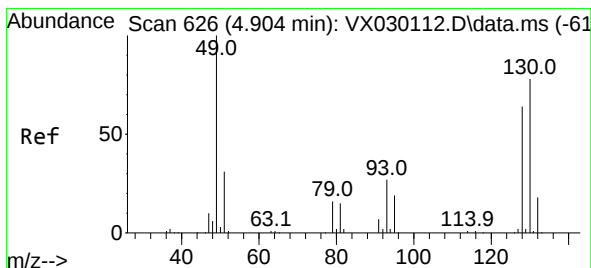
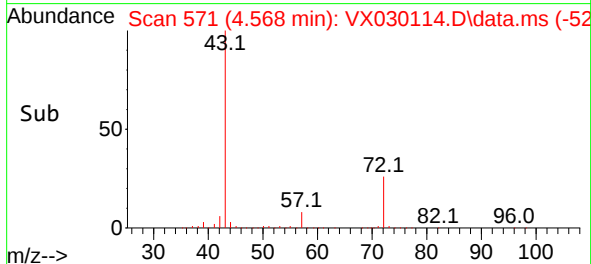
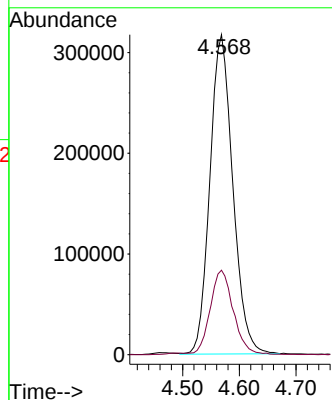
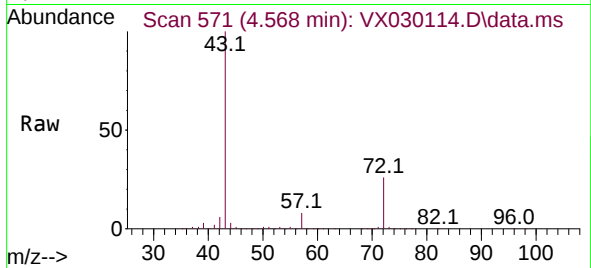




#22
2-Butanone
Concen: 407.008 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

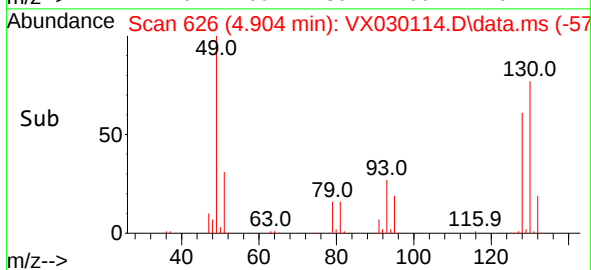
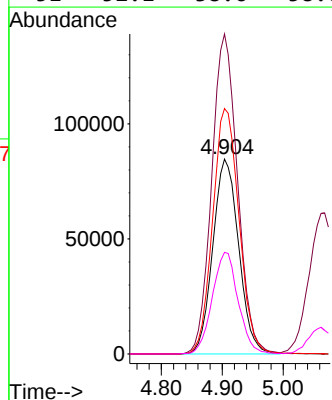
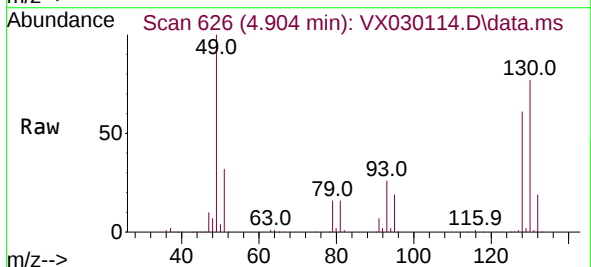
Instrument :
MSVOA_X
ClientSampleId :
VSTD200676

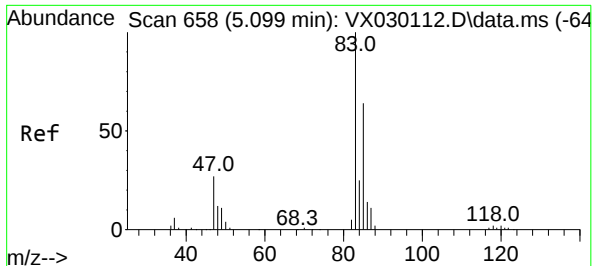
Tgt Ion: 43 Resp: 890144
Ion Ratio Lower Upper
43 100
72 26.7 13.1 39.3



#23
Bromochloromethane
Concen: 196.897 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

Tgt Ion: 128 Resp: 249645
Ion Ratio Lower Upper
128 100
49 164.2 110.0 204.4
130 125.9 86.0 159.6
51 52.1 38.6 58.0





#25

Chloroform

Concen: 201.079 ug/L

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX030114.D

Acq: 19 Jul 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

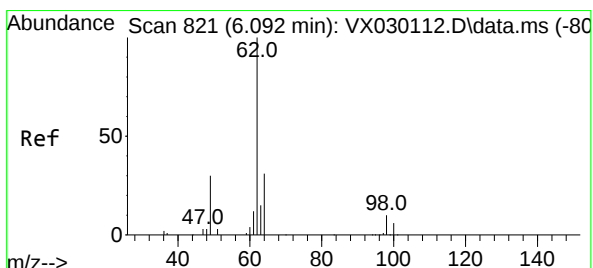
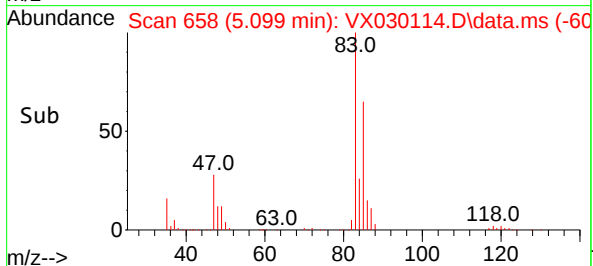
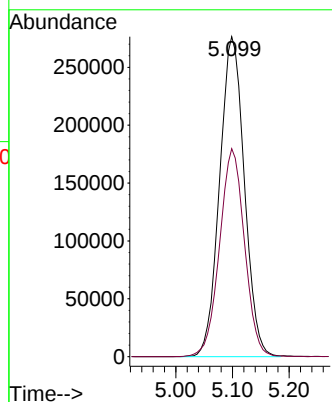
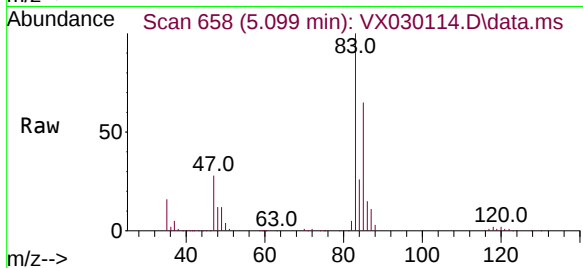
VSTD200676

Tgt Ion: 83 Resp: 837146

Ion Ratio Lower Upper

83 100

85 65.0 44.7 82.9



#27

1,2-Dichloroethane

Concen: 206.977 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX030114.D

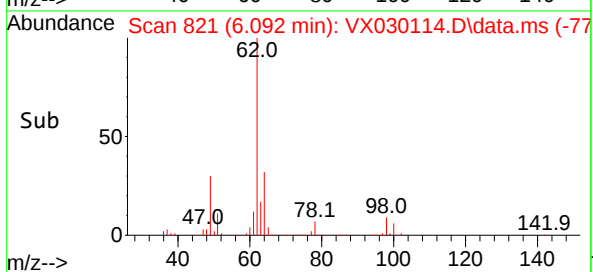
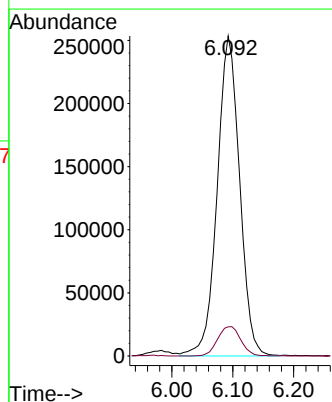
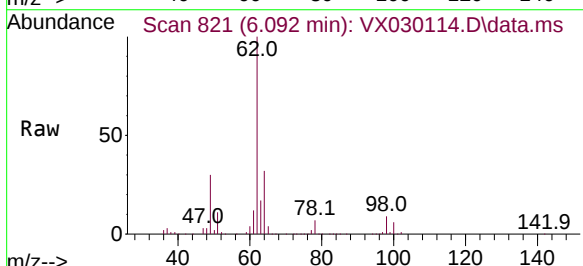
Acq: 19 Jul 2022 13:18

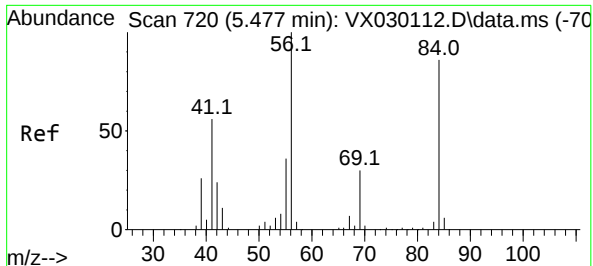
Tgt Ion: 62 Resp: 647190

Ion Ratio Lower Upper

62 100

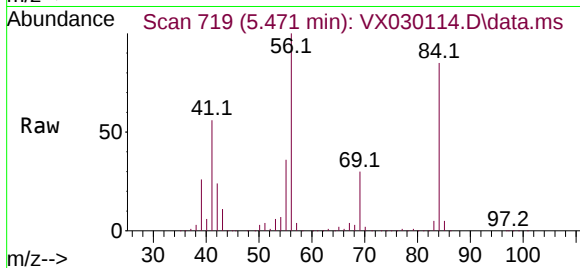
98 9.1 8.0 12.0



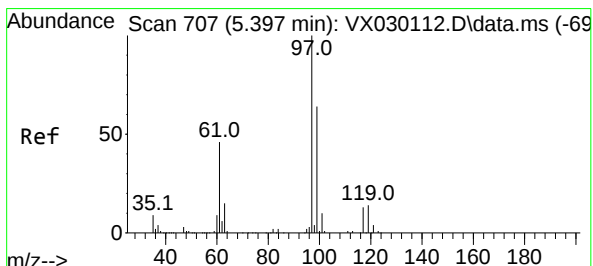
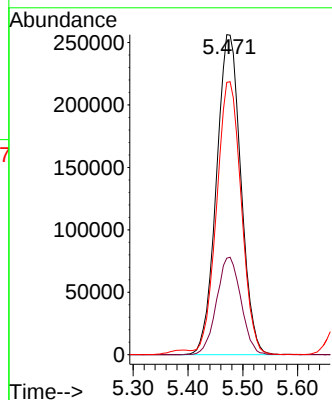
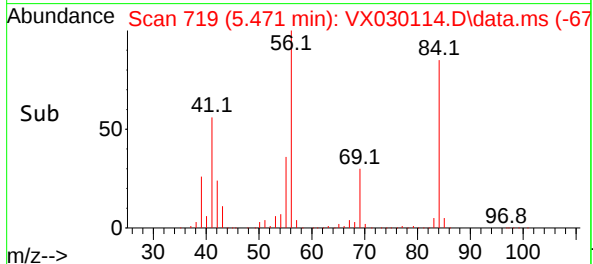


#29
Cyclohexane
Concen: 205.942 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTD200676

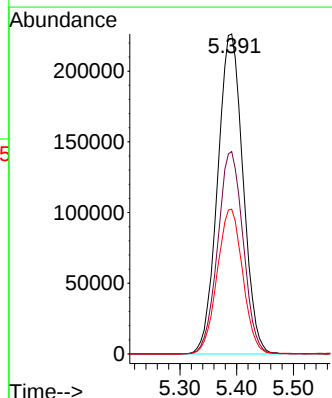
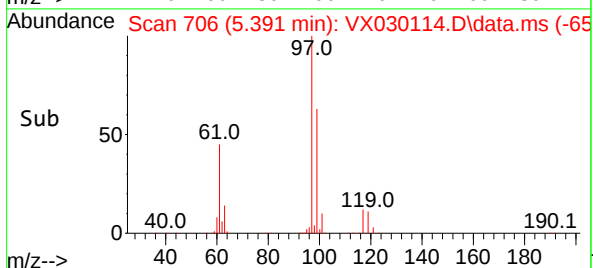
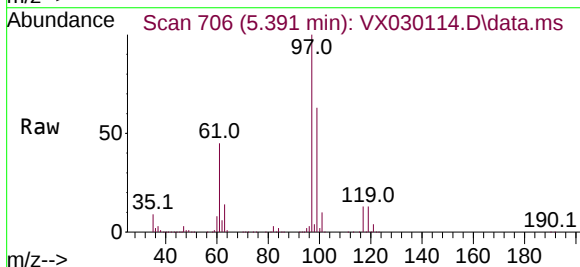


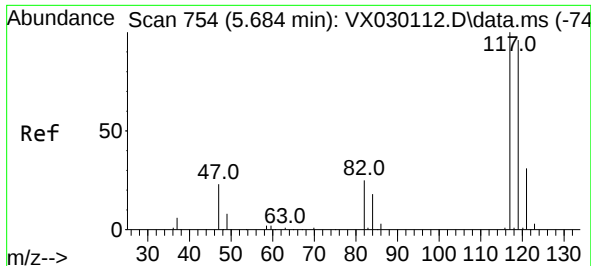
Tgt Ion: 56 Resp: 796170
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.2
84 85.7 70.4 105.6



#30
1,1,1-Trichloroethane
Concen: 203.173 ug/L
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

Tgt Ion: 97 Resp: 704531
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 45.5 36.8 55.2

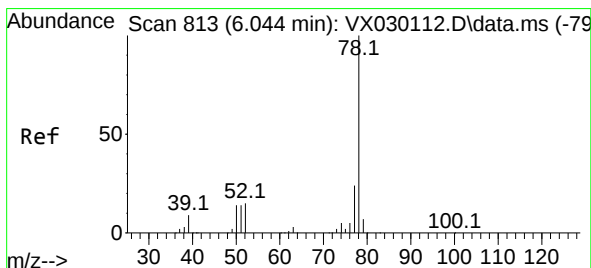
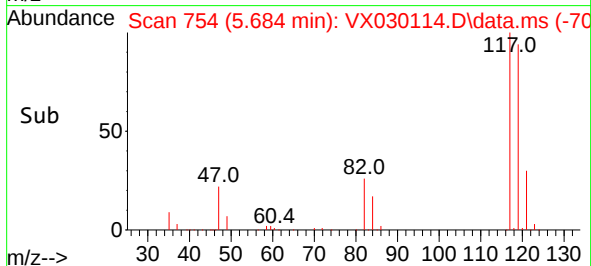
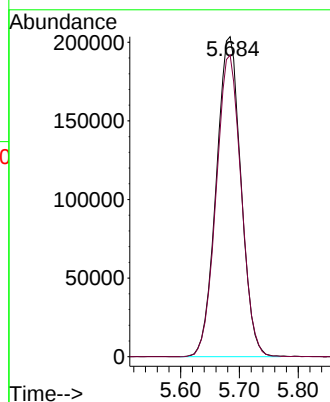
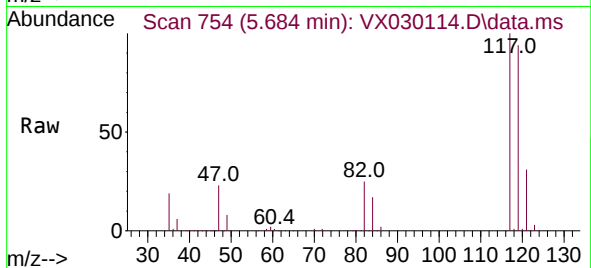




#31
Carbon tetrachloride
Concen: 207.937 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

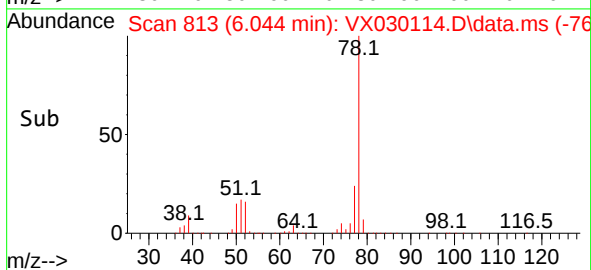
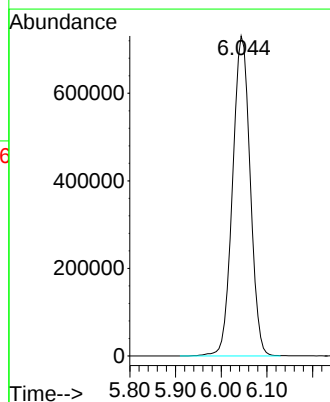
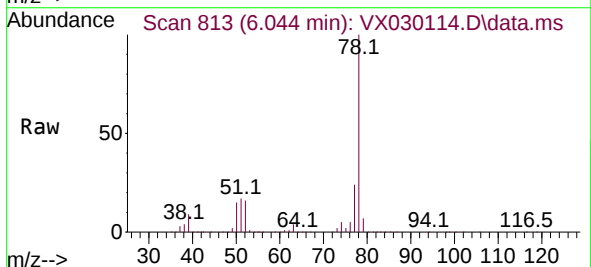
Instrument :
MSVOA_X
ClientSampleId :
VSTD200676

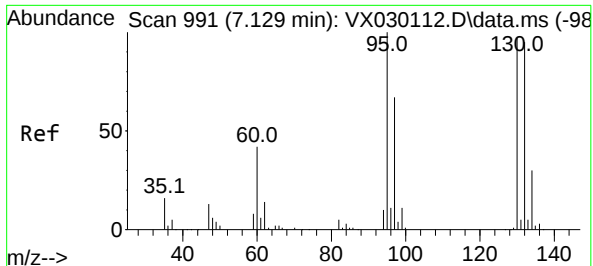
Tgt Ion:117 Resp: 593958
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.2



#33
Benzene
Concen: 199.373 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

Tgt Ion: 78 Resp: 1956539

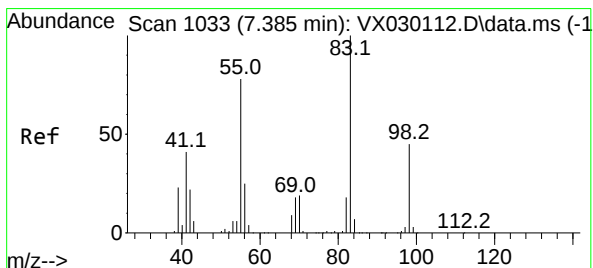
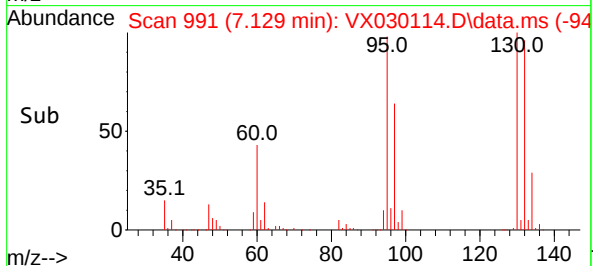
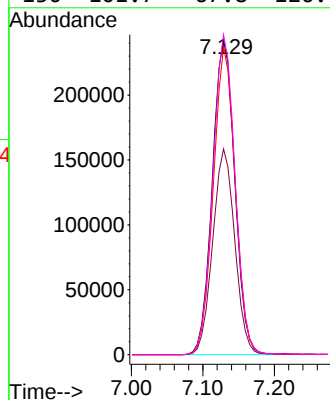
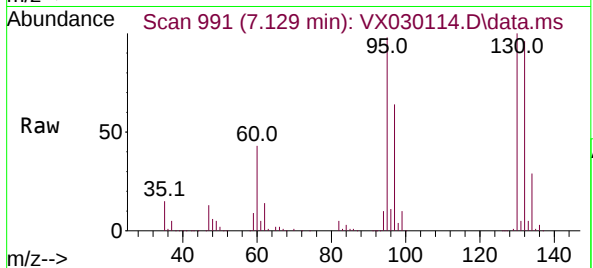




#34
Trichloroethene
Concen: 200.991 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

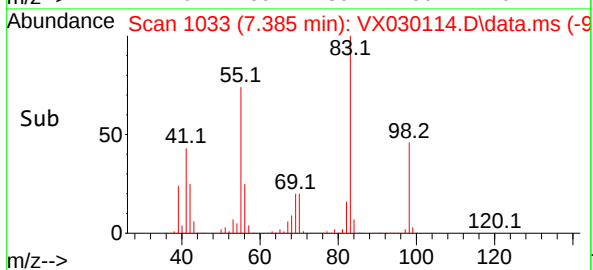
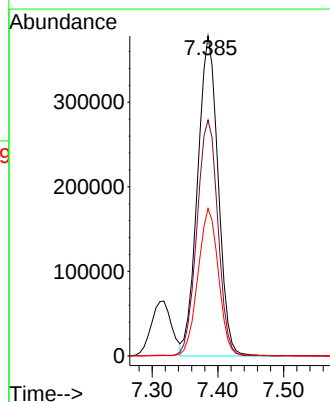
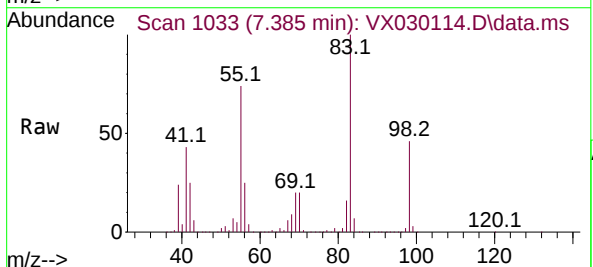
Instrument :
MSVOA_X
ClientSampleId :
VSTD200676

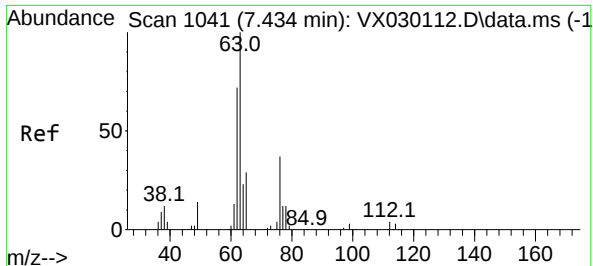
Tgt Ion: 95 Resp: 528291
Ion Ratio Lower Upper
95 100
97 65.3 46.6 86.6
132 97.7 66.4 123.2
130 101.7 67.8 126.0



#35
Methylcyclohexane
Concen: 207.981 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

Tgt Ion: 83 Resp: 822403
Ion Ratio Lower Upper
83 100
55 75.0 59.7 89.5
98 46.2 37.0 55.6





#37

1,2-Dichloropropane

Concen: 201.021 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX030114.D

Acq: 19 Jul 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

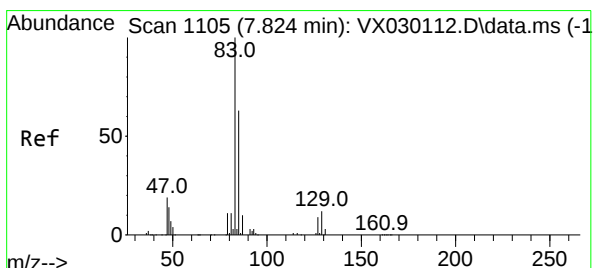
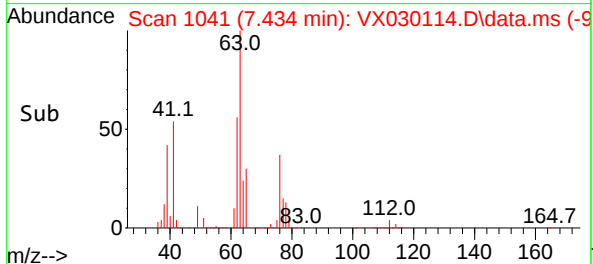
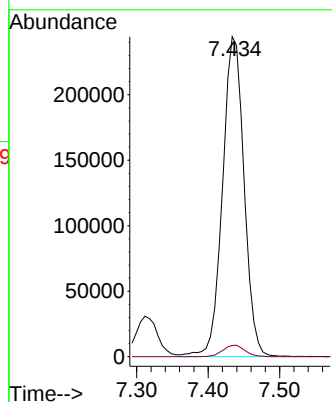
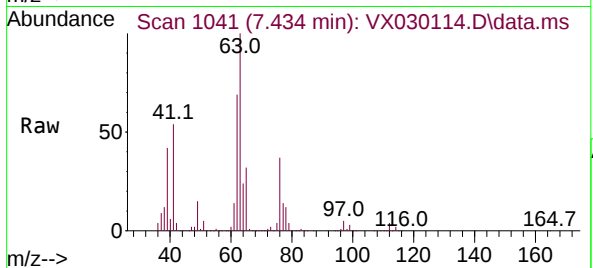
VSTD200676

Tgt Ion: 63 Resp: 510408

Ion Ratio Lower Upper

63 100

112 3.7 3.1 4.7



#38

Bromodichloromethane

Concen: 204.128 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX030114.D

Acq: 19 Jul 2022 13:18

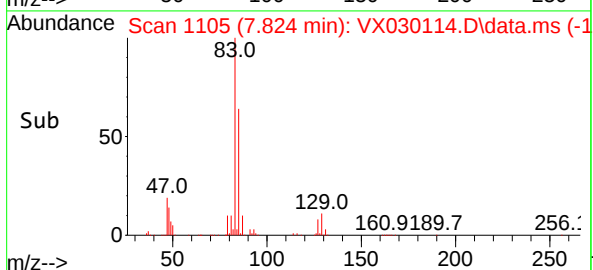
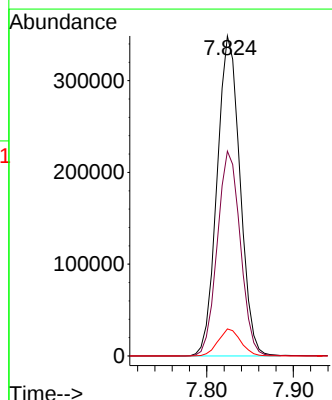
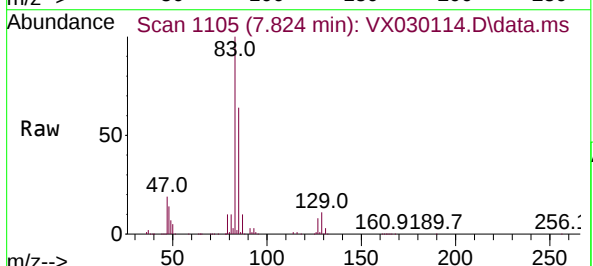
Tgt Ion: 83 Resp: 641464

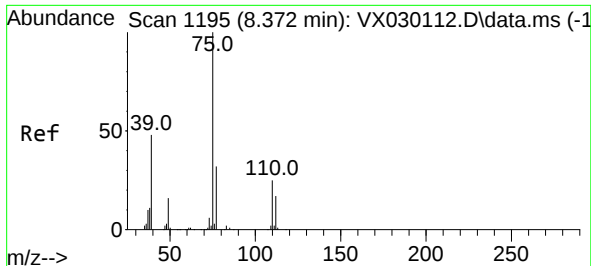
Ion Ratio Lower Upper

83 100

85 64.0 44.0 81.8

127 8.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 214.743 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX030114.D

Acq: 19 Jul 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

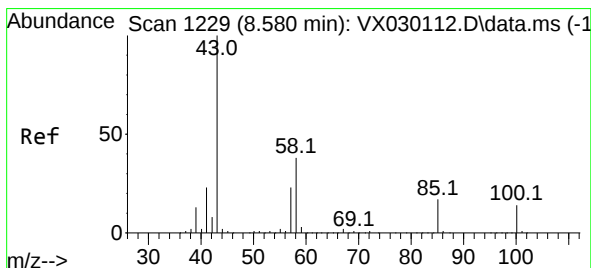
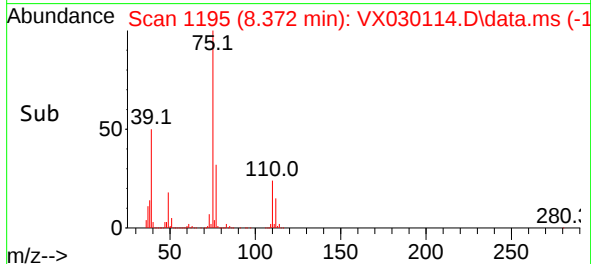
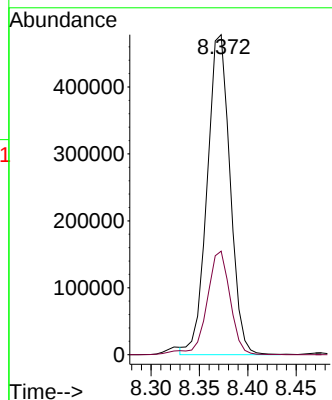
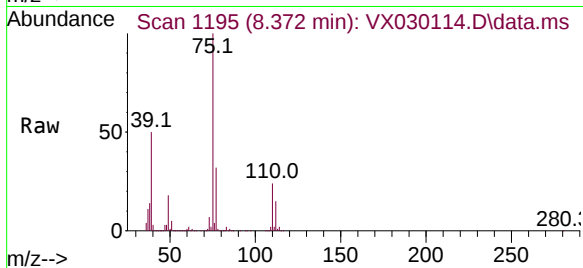
VSTD200676

Tgt Ion: 75 Resp: 788419

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 413.785 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VX030114.D

Acq: 19 Jul 2022 13:18

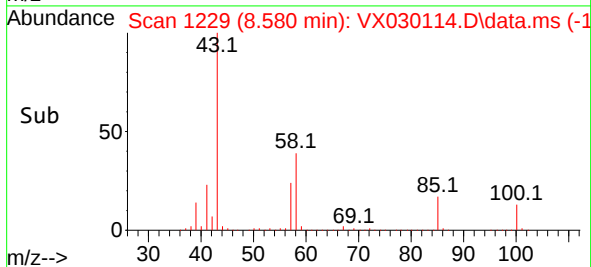
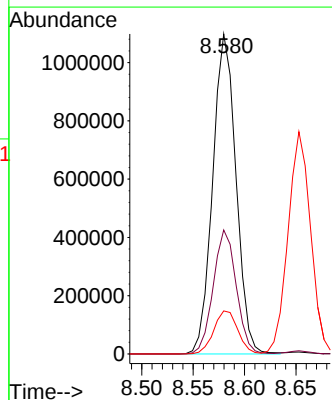
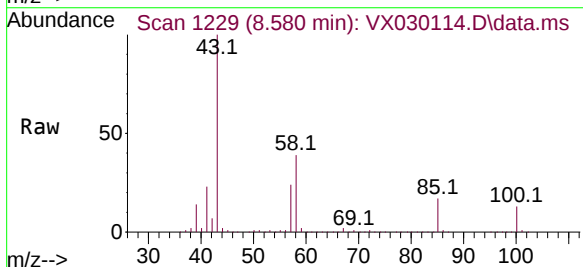
Tgt Ion: 43 Resp: 1728760

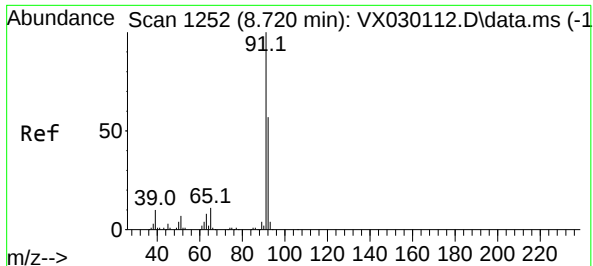
Ion Ratio Lower Upper

43 100

58 38.4 30.9 46.3

100 14.0 11.5 17.3





#42

Toluene

Concen: 202.071 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX030114.D

Acq: 19 Jul 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

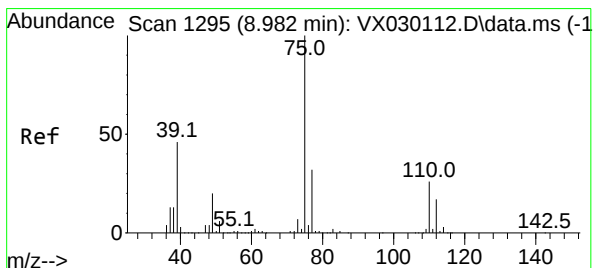
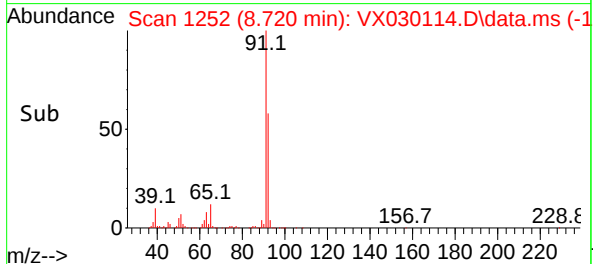
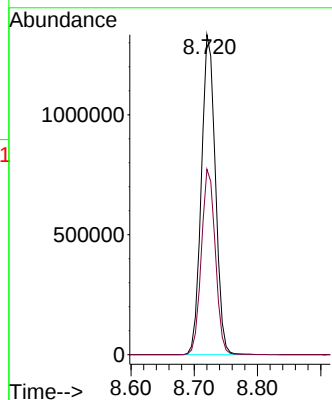
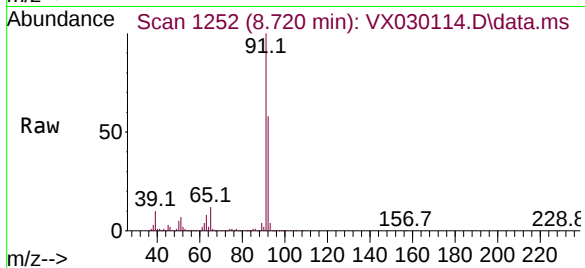
VSTD200676

Tgt Ion: 91 Resp: 2059017

Ion Ratio Lower Upper

91 100

92 57.9 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 222.081 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX030114.D

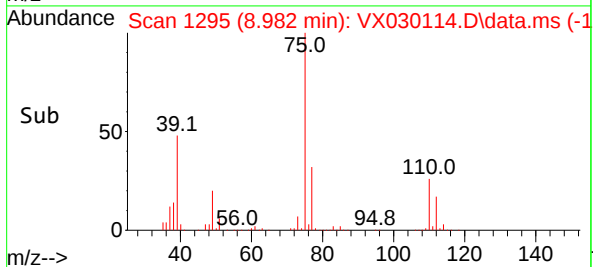
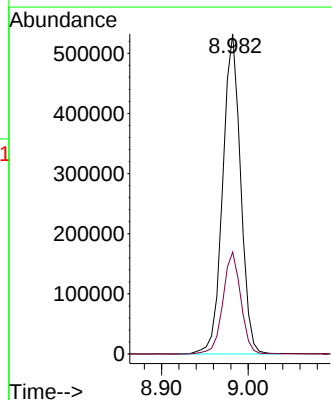
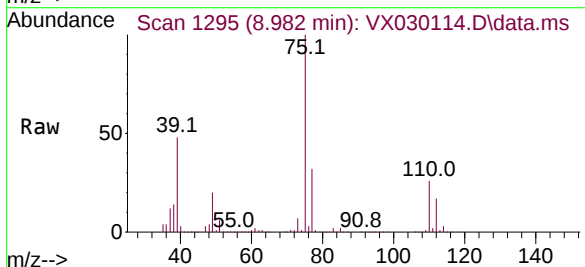
Acq: 19 Jul 2022 13:18

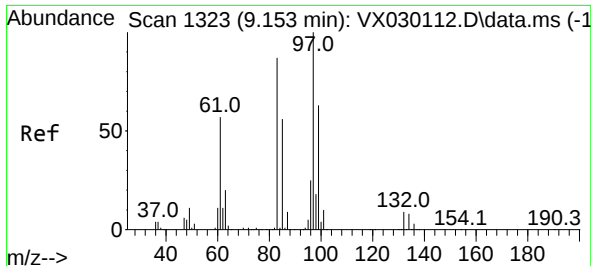
Tgt Ion: 75 Resp: 763579

Ion Ratio Lower Upper

75 100

77 31.9 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 201.391 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030114.D

Acq: 19 Jul 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTD200676

Tgt Ion: 97 Resp: 494996

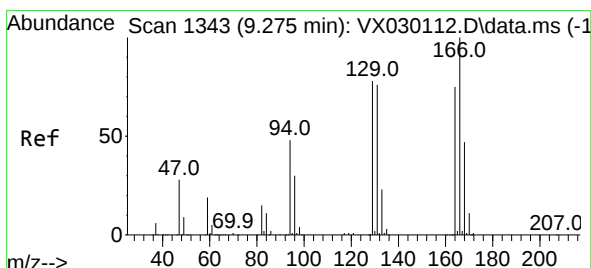
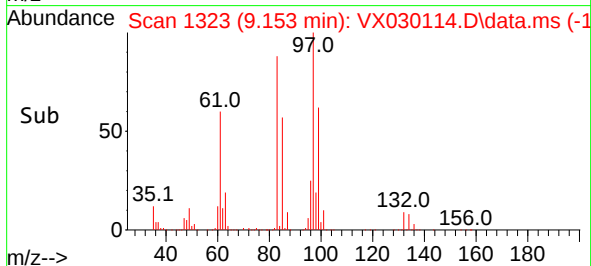
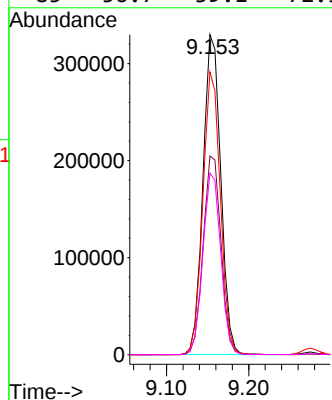
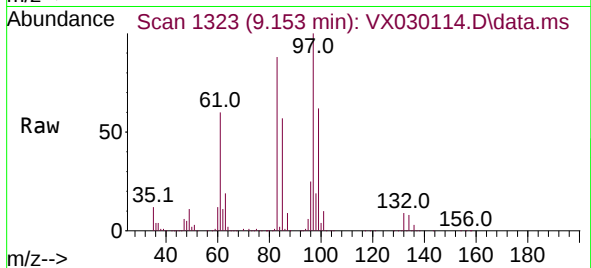
Ion Ratio Lower Upper

97 100

99 62.1 43.8 81.4

83 88.4 61.2 113.8

85 56.7 39.1 72.5



#46

Tetrachloroethene

Concen: 195.312 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX030114.D

Acq: 19 Jul 2022 13:18

Tgt Ion:164 Resp: 355649

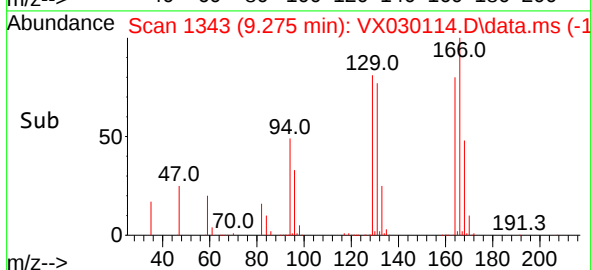
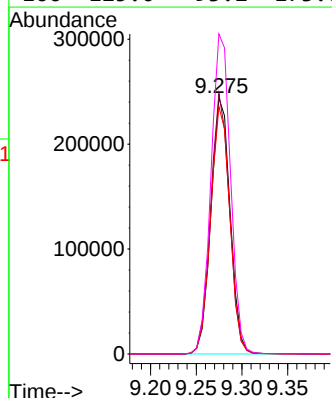
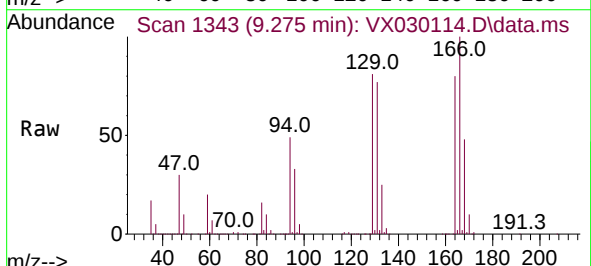
Ion Ratio Lower Upper

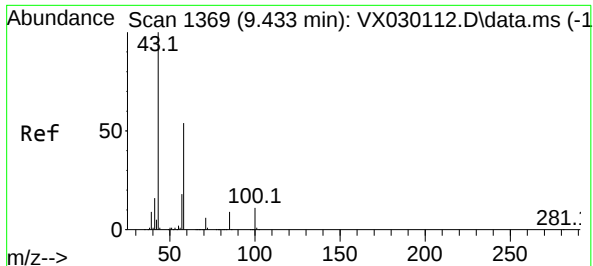
164 100

129 101.8 73.0 135.6

131 96.6 70.7 131.3

166 125.0 93.2 173.0



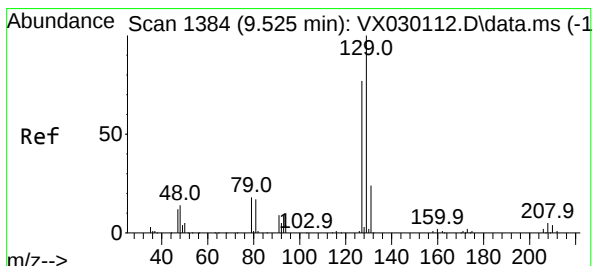
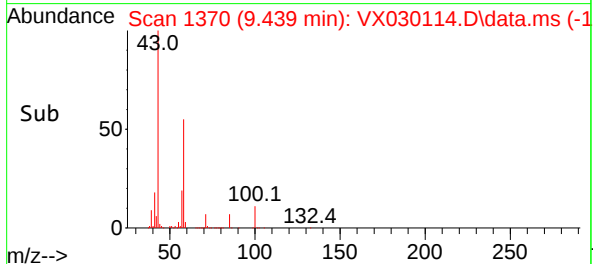
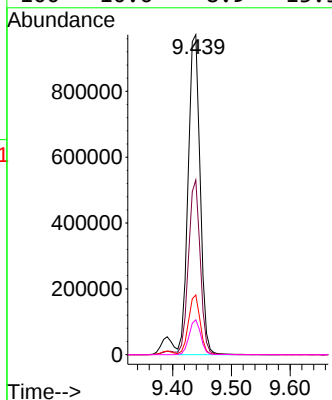
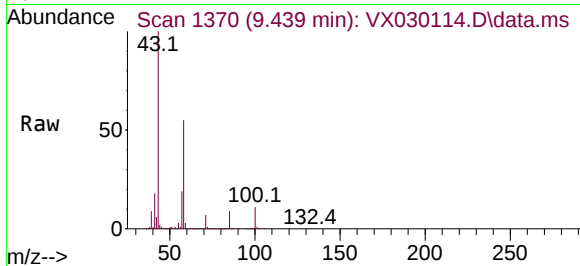


#48
2-Hexanone
Concen: 408.561 ug/L
RT: 9.439 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTD200676

Tgt Ion: 43 Resp: 1370723

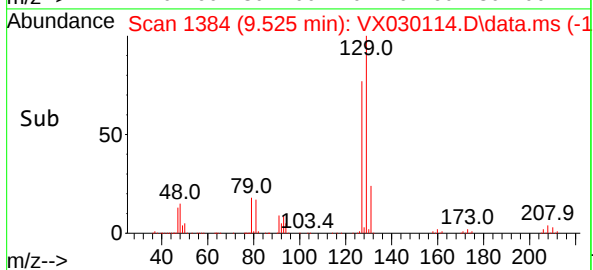
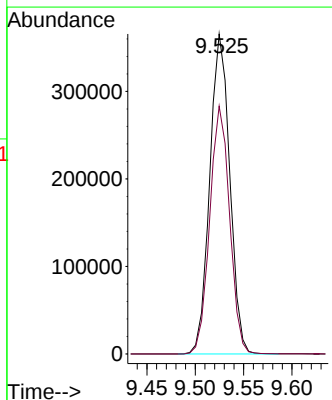
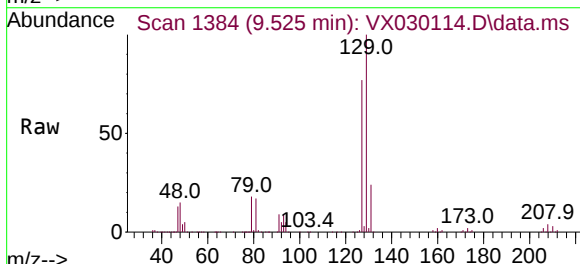
Ion	Ratio	Lower	Upper
43	100		
58	53.6	43.4	65.2
57	18.1	14.3	21.5
100	10.6	8.9	13.3

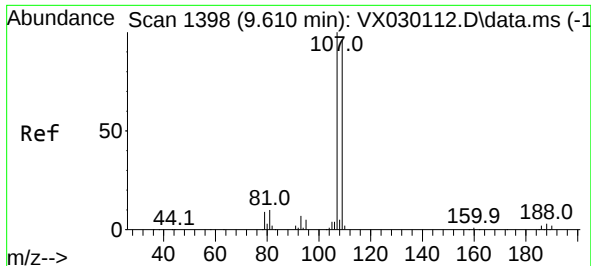


#49
Dibromochloromethane
Concen: 213.747 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

Tgt Ion: 129 Resp: 525685

Ion	Ratio	Lower	Upper
129	100		
127	77.4	53.6	99.6





#50

1,2-Dibromoethane

Concen: 204.982 ug/L

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX030114.D

Acq: 19 Jul 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTD200676

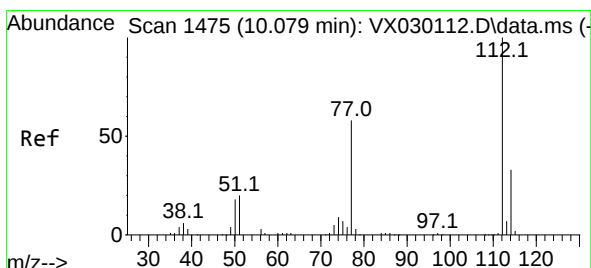
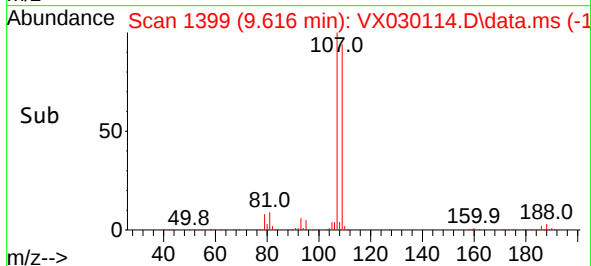
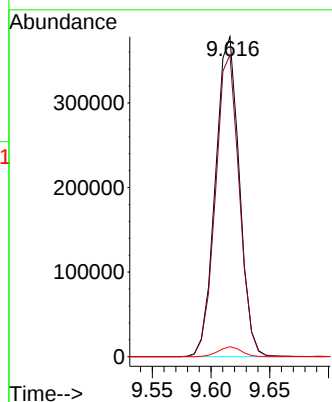
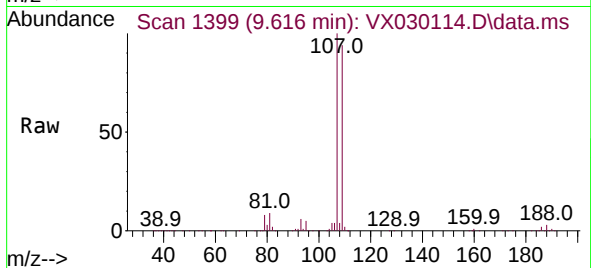
Tgt Ion:107 Resp: 535011

Ion Ratio Lower Upper

107 100

109 94.3 66.9 124.3

188 3.1 2.4 3.6



#51

Chlorobenzene

Concen: 201.374 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX030114.D

Acq: 19 Jul 2022 13:18

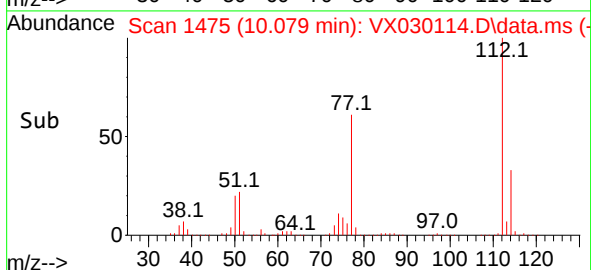
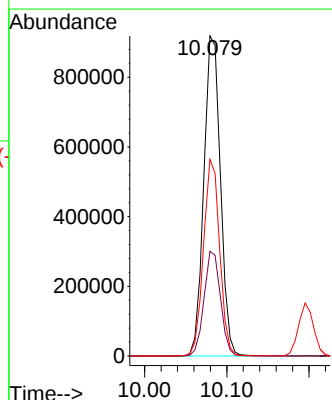
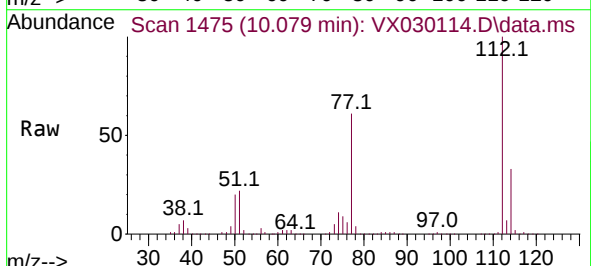
Tgt Ion:112 Resp: 1289268

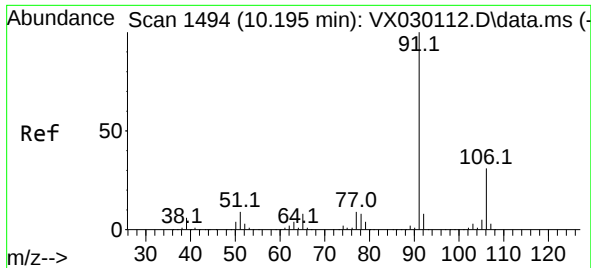
Ion Ratio Lower Upper

112 100

114 32.7 23.4 43.4

77 61.4 46.7 70.1

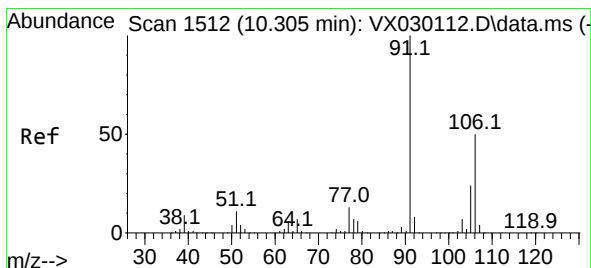
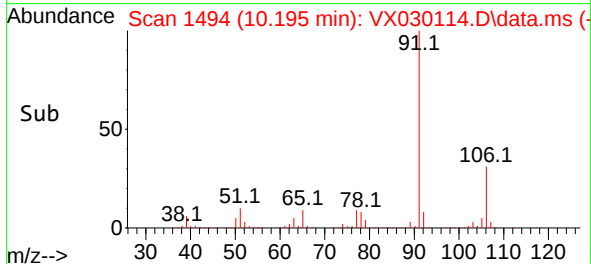
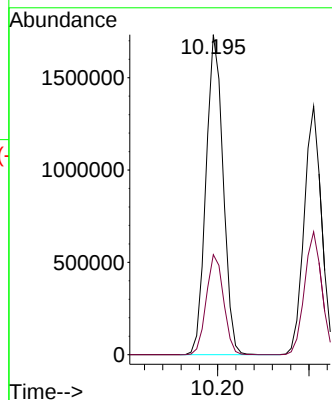
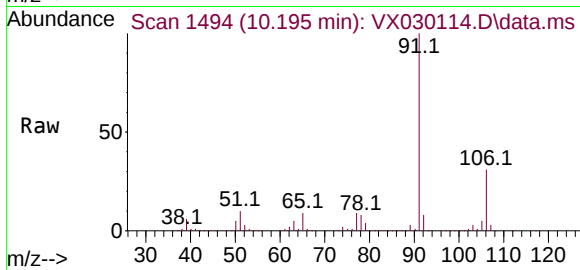




#52
Ethylbenzene
Concen: 207.039 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

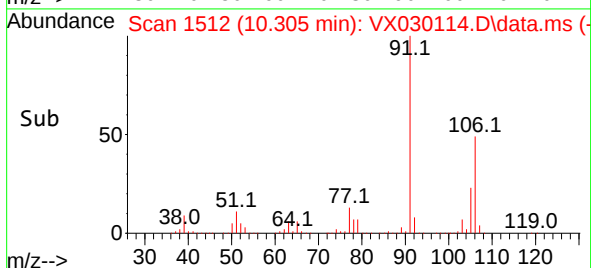
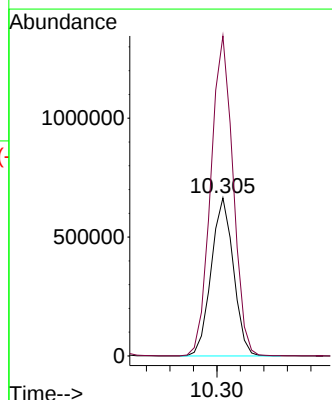
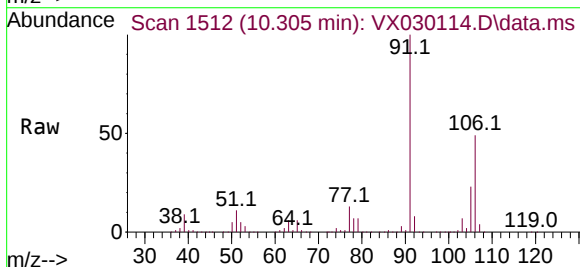
Instrument :
MSVOA_X
ClientSampleId :
VSTD200676

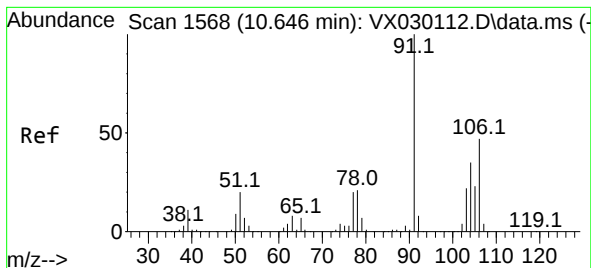
Tgt Ion: 91 Resp: 2248599
Ion Ratio Lower Upper
91 100
106 31.2 21.7 40.3



#53
m,p-Xylene
Concen: 206.366 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

Tgt Ion: 106 Resp: 873677
Ion Ratio Lower Upper
106 100
91 202.3 139.7 259.5





#54

o-Xylene

Concen: 205.990 ug/L

RT: 10.646 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VX030114.D

Acq: 19 Jul 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

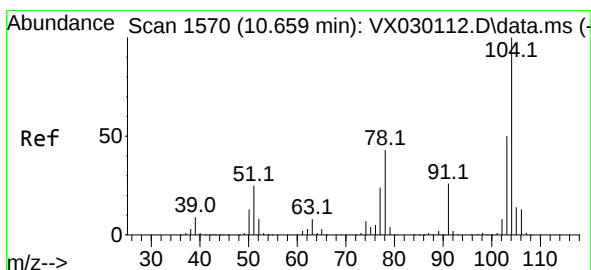
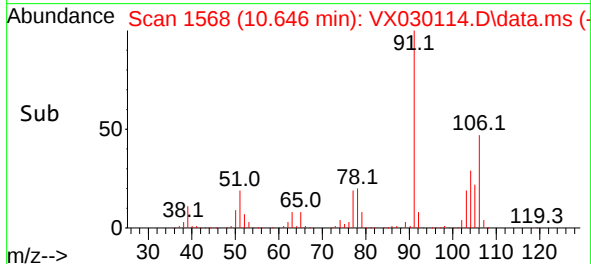
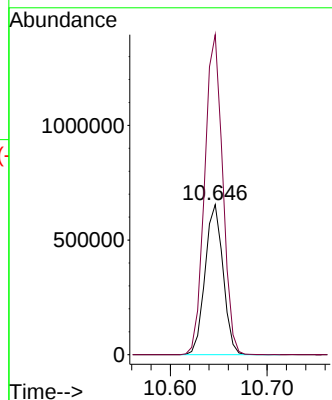
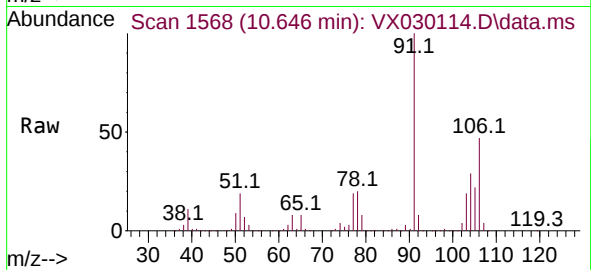
VSTD200676

Tgt Ion:106 Resp: 846854

Ion Ratio Lower Upper

106 100

91 213.3 149.4 277.4



#55

Styrene

Concen: 210.568 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX030114.D

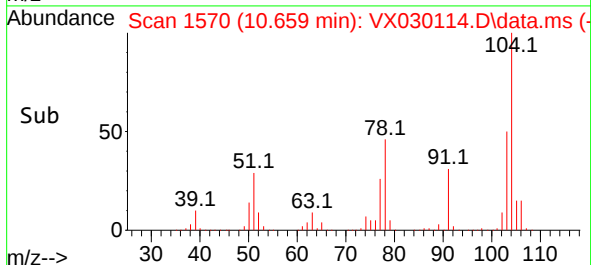
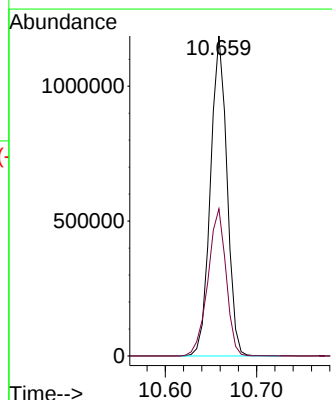
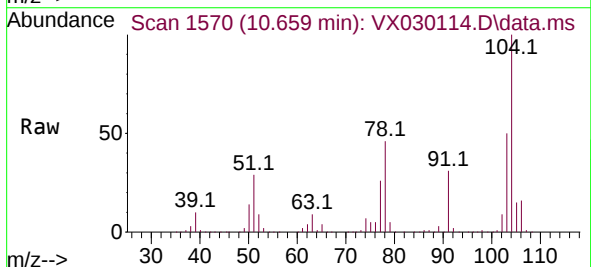
Acq: 19 Jul 2022 13:18

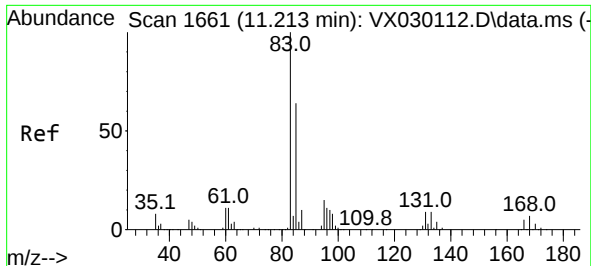
Tgt Ion:104 Resp: 1491315

Ion Ratio Lower Upper

104 100

78 46.0 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 200.147 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030114.D

Acq: 19 Jul 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTD200676

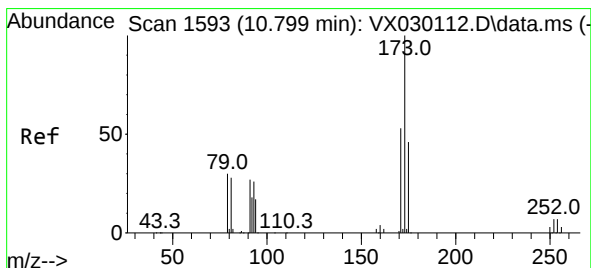
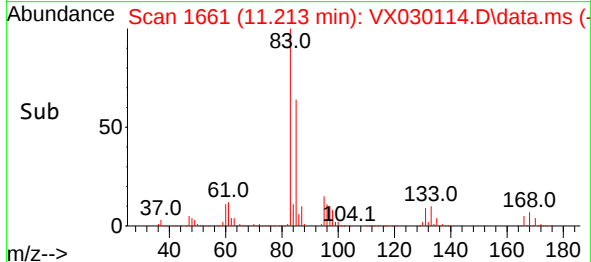
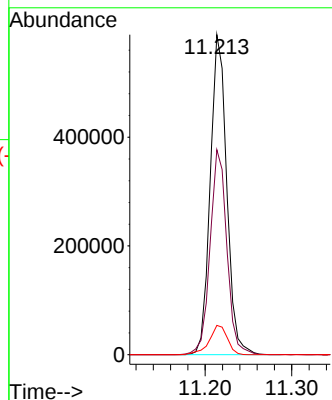
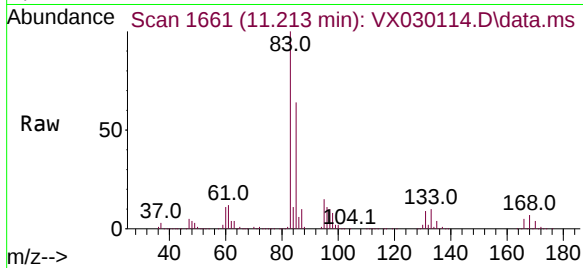
Tgt Ion: 83 Resp: 776326

Ion Ratio Lower Upper

83 100

85 64.0 44.7 83.1

131 9.2 7.2 10.8



#59

Bromoform

Concen: 214.195 ug/L

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX030114.D

Acq: 19 Jul 2022 13:18

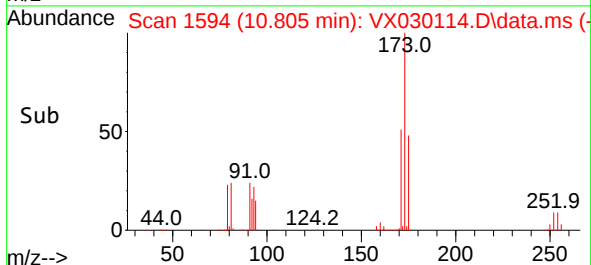
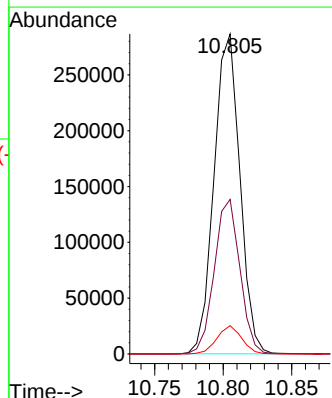
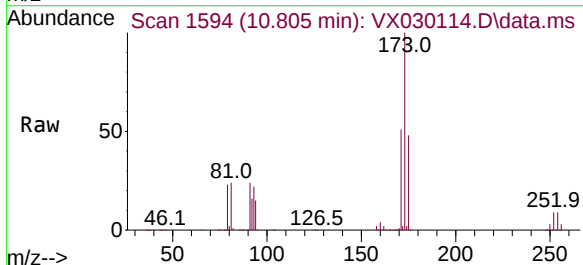
Tgt Ion: 173 Resp: 375657

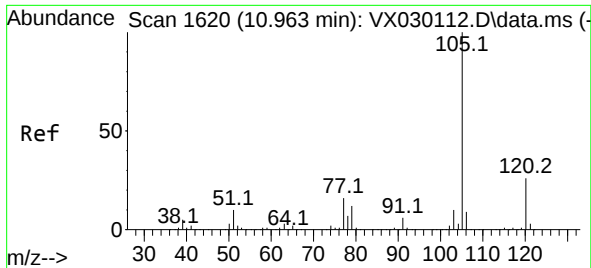
Ion Ratio Lower Upper

173 100

175 47.9 37.8 56.6

254 8.5 6.4 9.6

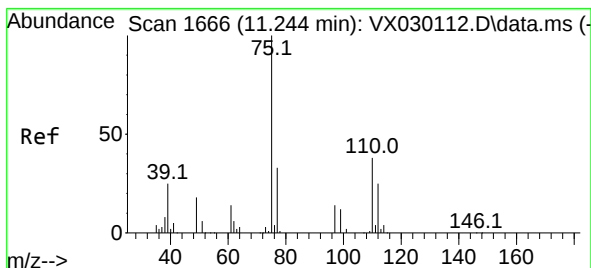
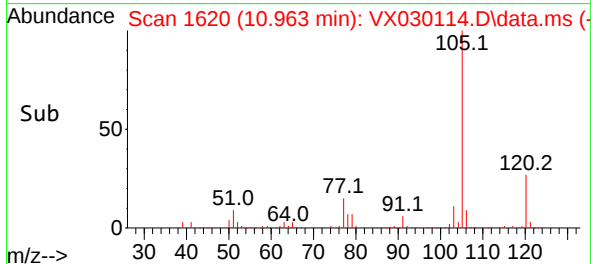
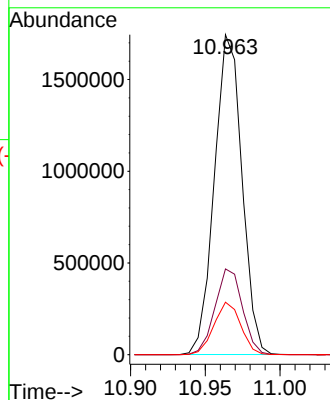
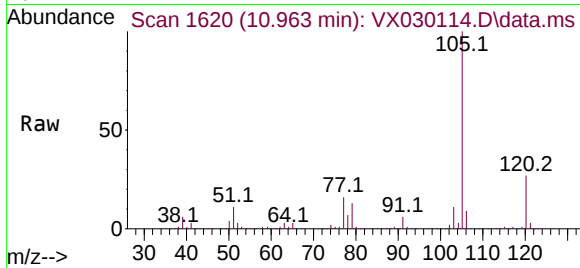




#60
Isopropylbenzene
Concen: 203.102 ug/L
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

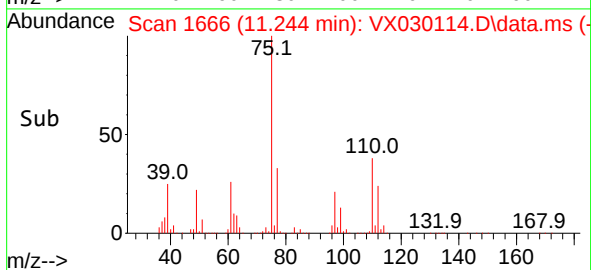
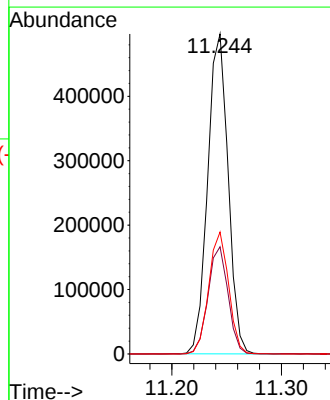
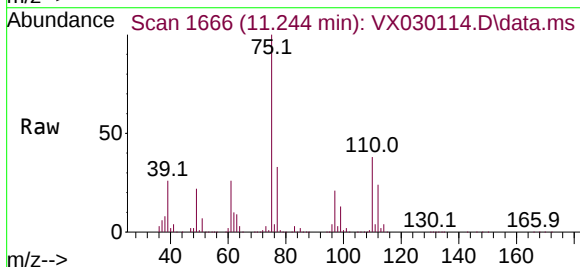
Instrument :
MSVOA_X
ClientSampleId :
VSTD200676

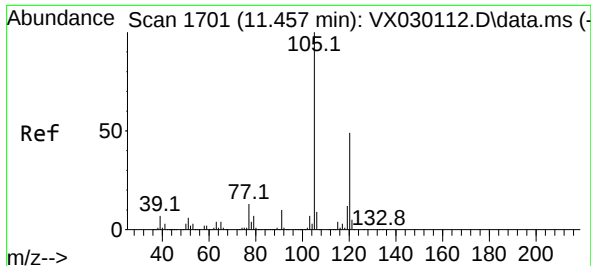
Tgt Ion:105 Resp: 2235260
Ion Ratio Lower Upper
105 100
120 26.7 21.1 31.7
77 16.0 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 193.010 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

Tgt Ion: 75 Resp: 642880
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.8
110 37.2 30.2 45.2





#62

1,3,5-Trimethylbenzene

Concen: 205.606 ug/L

RT: 11.457 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VX030114.D

Acq: 19 Jul 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

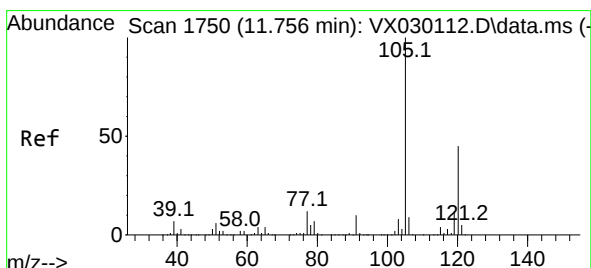
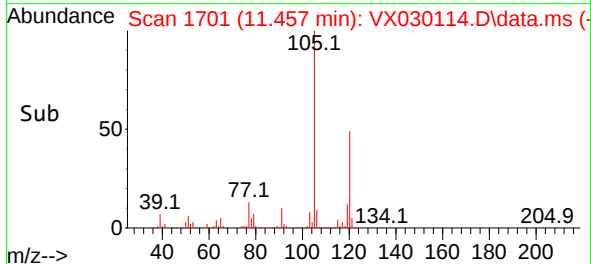
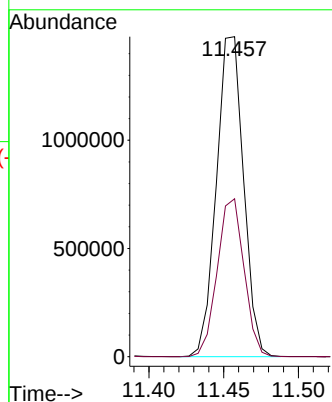
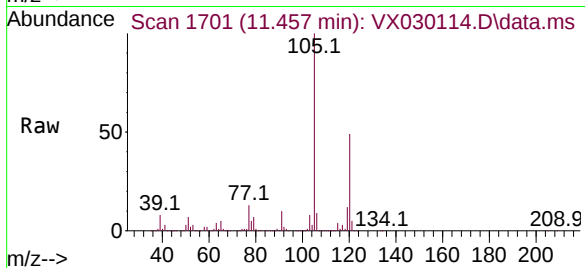
VSTD200676

Tgt Ion:105 Resp: 1869815

Ion Ratio Lower Upper

105 100

120 48.7 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 209.581 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX030114.D

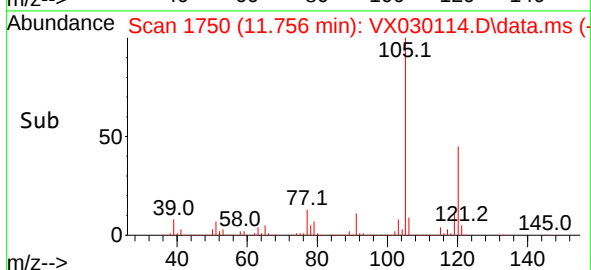
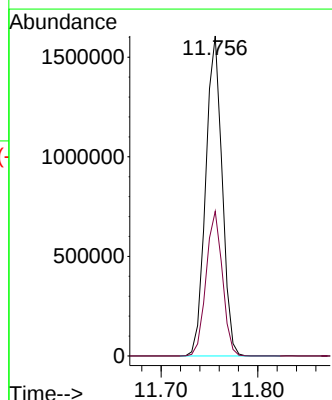
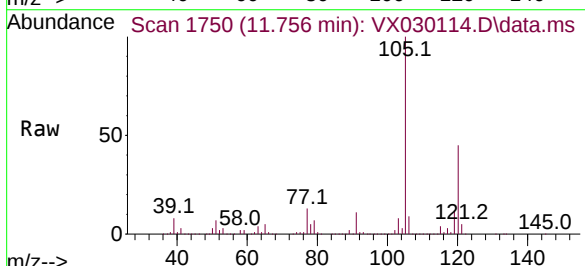
Acq: 19 Jul 2022 13:18

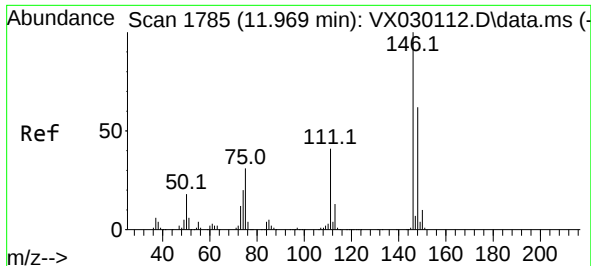
Tgt Ion:105 Resp: 1900365

Ion Ratio Lower Upper

105 100

120 44.8 36.2 54.4

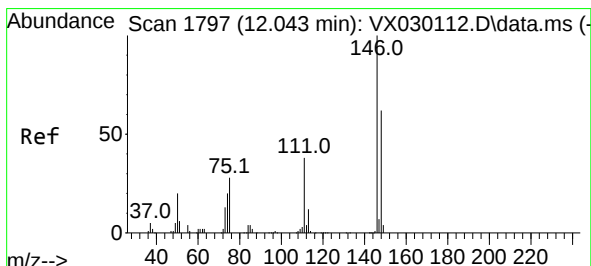
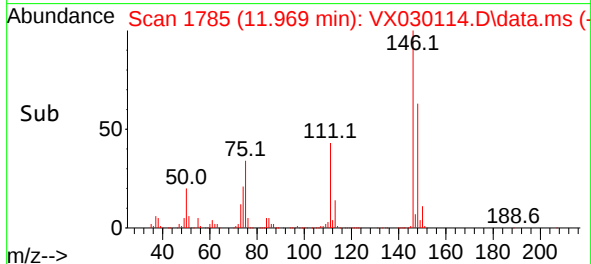
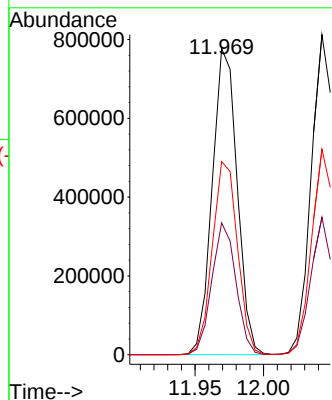
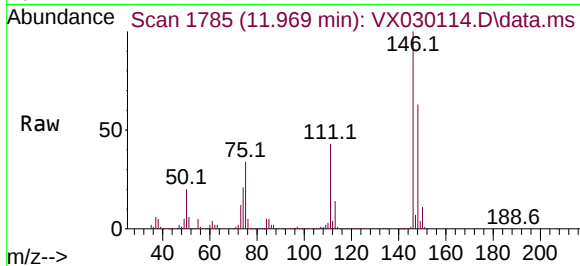




#64
1,3-Dichlorobenzene
Concen: 202.911 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

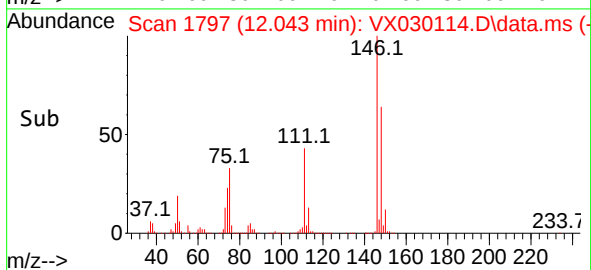
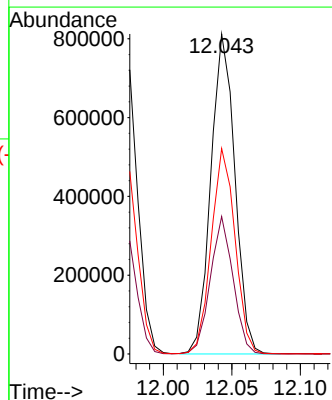
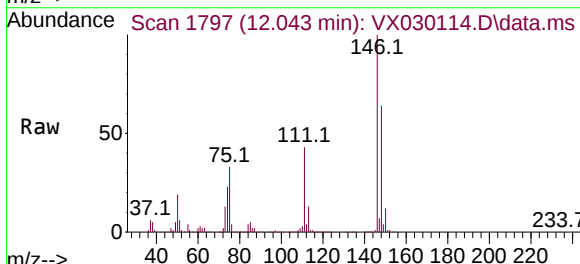
Instrument :
MSVOA_X
ClientSampleId :
VSTD200676

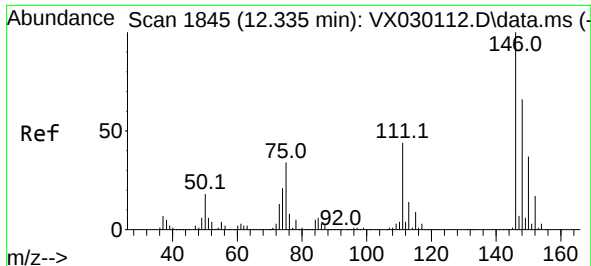
Tgt Ion:146 Resp: 982281
Ion Ratio Lower Upper
146 100
111 43.0 28.4 52.8
148 63.0 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 203.230 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

Tgt Ion:146 Resp: 989078
Ion Ratio Lower Upper
146 100
111 43.0 27.0 50.2
148 64.2 43.8 81.3

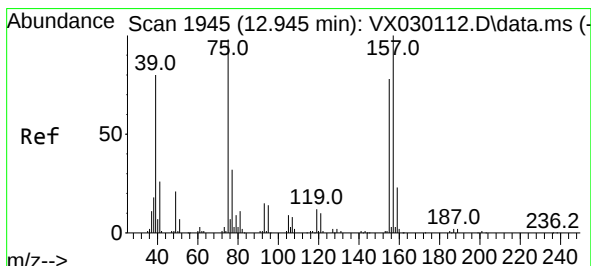
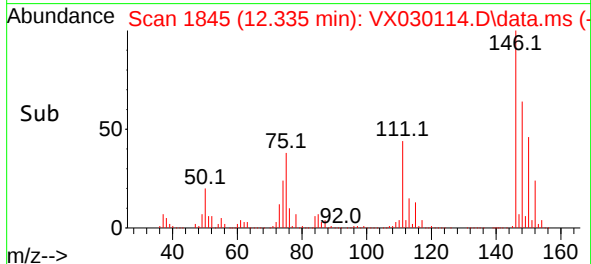
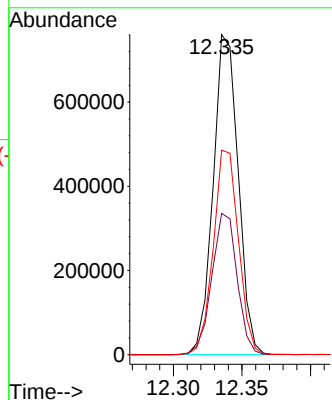
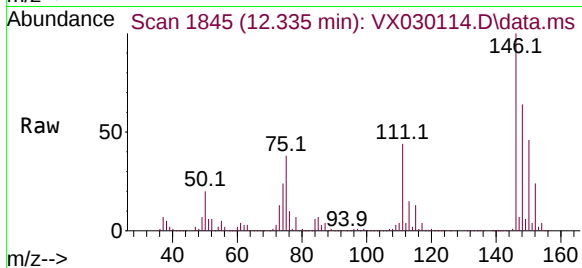




#67
1,2-Dichlorobenzene
Concen: 196.177 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

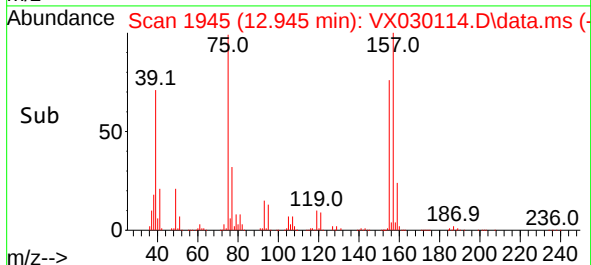
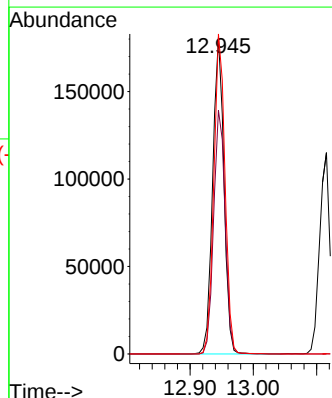
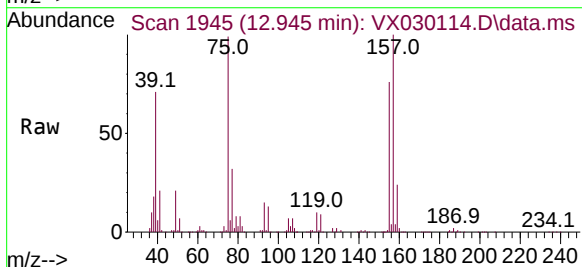
Instrument :
MSVOA_X
ClientSampleId :
VSTD200676

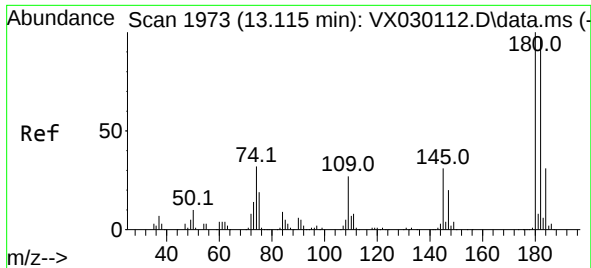
Tgt Ion:146 Resp: 966100
Ion Ratio Lower Upper
146 100
111 44.2 35.4 53.0
148 63.9 52.5 78.7



#68
1,2-Dibromo-3-chloropropane
Concen: 223.969 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

Tgt Ion: 75 Resp: 224038
Ion Ratio Lower Upper
75 100
155 77.0 63.6 95.4
157 101.1 81.8 122.8





#69

1,3,5-Trichlorobenzene

Concen: 205.972 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VX030114.D

Acq: 19 Jul 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

VSTD200676

Tgt Ion:180 Resp: 673252

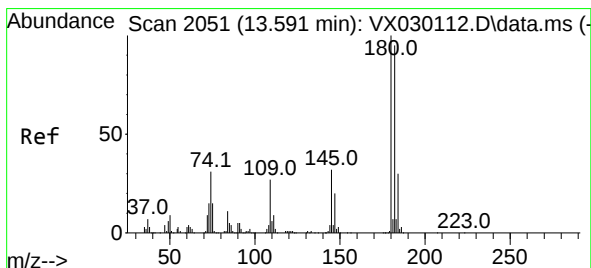
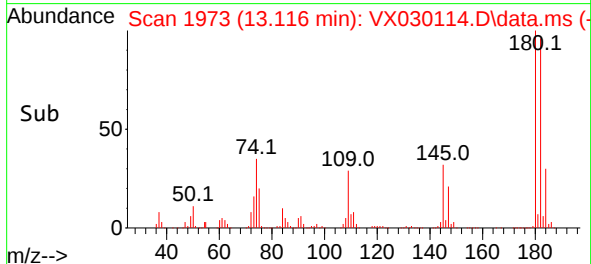
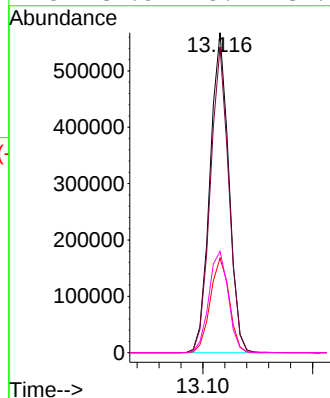
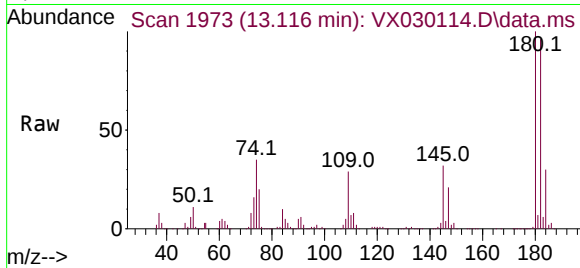
Ion Ratio Lower Upper

180 100

182 93.7 75.1 112.7

184 30.0 23.8 35.6

145 32.8 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 216.688 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX030114.D

Acq: 19 Jul 2022 13:18

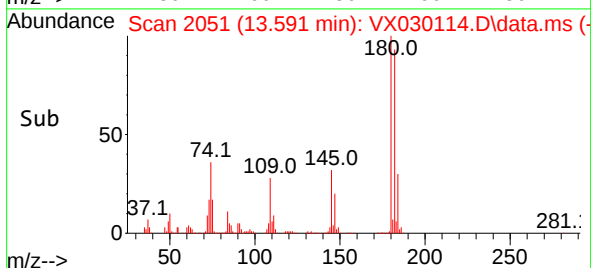
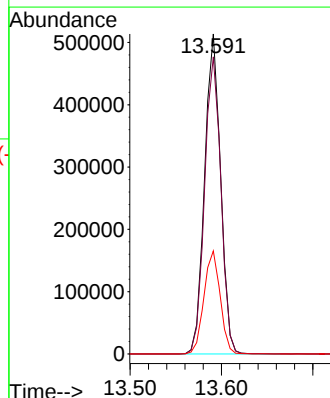
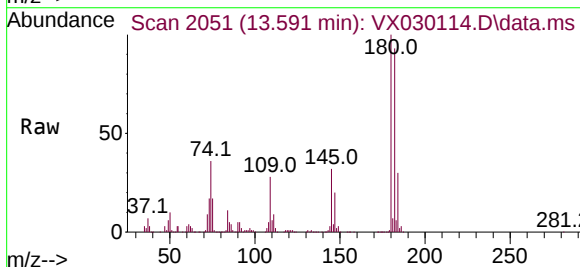
Tgt Ion:180 Resp: 621676

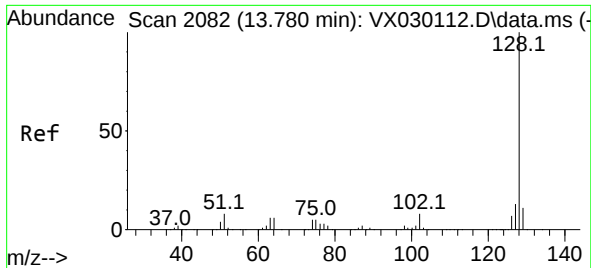
Ion Ratio Lower Upper

180 100

182 94.8 75.2 112.8

145 32.7 26.2 39.2

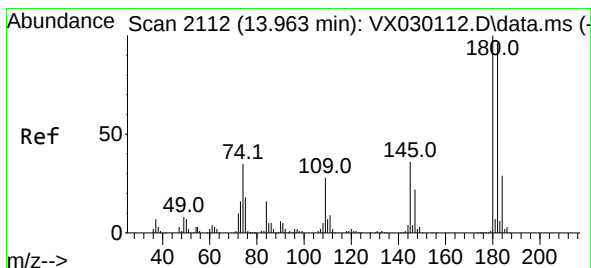
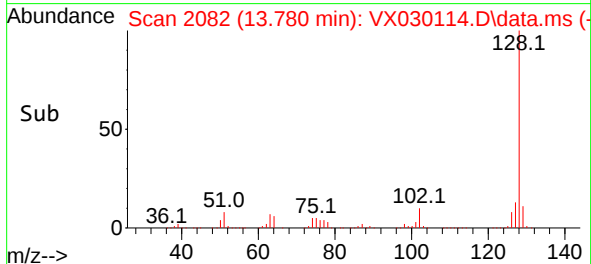
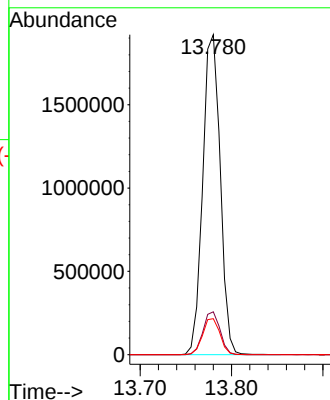
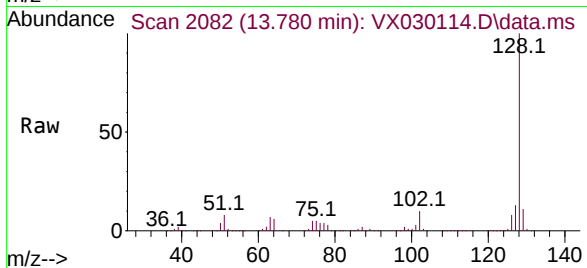




#71
Naphthalene
Concen: 217.038 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :
VSTD200676

Tgt Ion:128 Resp: 2547439
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.2 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 209.424 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX030114.D
Acq: 19 Jul 2022 13:18

Tgt Ion:180 Resp: 638347
Ion Ratio Lower Upper
180 100
182 96.2 75.9 113.9
145 35.3 28.0 42.0

