

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071922\
 Data File : VX030111.D
 Acq On : 19 Jul 2022 12:08
 Operator : JC/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010673

Quant Time: Jul 20 07:33:02 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	6.763	114	278226	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	250649	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	122274	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	22602	10.415	ug/L	0.00
7) Chloroethane-d5	1.666	69	16473	10.969	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	43626	10.393	ug/L	0.00
21) 2-Butanone-d5	4.556	46	384	0.180	ug/L	0.09
24) Chloroform-d	5.062	84	45373	10.298	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	27950	10.140	ug/L	0.00
32) Benzene-d6	5.976	84	95507	10.352	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	29911	10.110	ug/L	0.00
41) Toluene-d8	8.653	98	86715	10.301	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	12054	9.593	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	29482	19.871	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	40788	10.331	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	28565	10.078	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	24888	10.682	ug/L	97
3) Chloromethane	1.294	50	22536	10.822	ug/L	100
5) Vinyl chloride	1.374	62	22744	10.478	ug/L	100
6) Bromomethane	1.611	94	10478	10.701	ug/L	100
8) Chloroethane	1.691	64	13033	10.880	ug/L	97
9) Trichlorofluoromethane	1.886	101	30221	10.754	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	21526	10.836	ug/L	97
12) 1,1-Dichloroethene	2.325	96	19922	10.401	ug/L #	71
13) Acetone	2.392	43	26083	21.953	ug/L	99
14) Carbon disulfide	2.514	76	55651	10.324	ug/L	97
15) Methyl Acetate	2.709	43	28951	10.699	ug/L	98
16) Methylene chloride	2.794	84	24724	10.693	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	21110	10.357	ug/L	91
18) Methyl tert-butyl Ether	3.123	73	64345	10.248	ug/L	99
19) 1,1-Dichloroethane	3.611	63	39256	10.537	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	25185	10.642	ug/L	97
22) 2-Butanone	4.568	43	42160	20.754	ug/L	100
23) Bromochloromethane	4.903	128	12533	10.642	ug/L	91
25) Chloroform	5.099	83	41159	10.644	ug/L	97
27) 1,2-Dichloroethane	6.098	62	29487	10.153	ug/L	100
29) Cyclohexane	5.464	56	17022	4.951	ug/L #	16
30) 1,1,1-Trichloroethane	5.385	97	32179	10.435	ug/L	99
31) Carbon tetrachloride	5.684	117	26720	10.518	ug/L	97
33) Benzene	6.037	78	91918	10.532	ug/L	100
34) Trichloroethene	7.129	95	24865	10.637	ug/L	95
35) Methylcyclohexane	7.385	83	36730	10.445	ug/L	99
37) 1,2-Dichloropropane	7.433	63	24956	11.052	ug/L #	98
38) Bromodichloromethane	7.824	83	29055	10.397	ug/L	95
39) cis-1,3-Dichloropropene	8.366	75	33043	10.120	ug/L	96
40) 4-Methyl-2-pentanone	8.580	43	76958	20.712	ug/L	100
42) Toluene	8.720	91	94043	10.378	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	29579	9.673	ug/L	92

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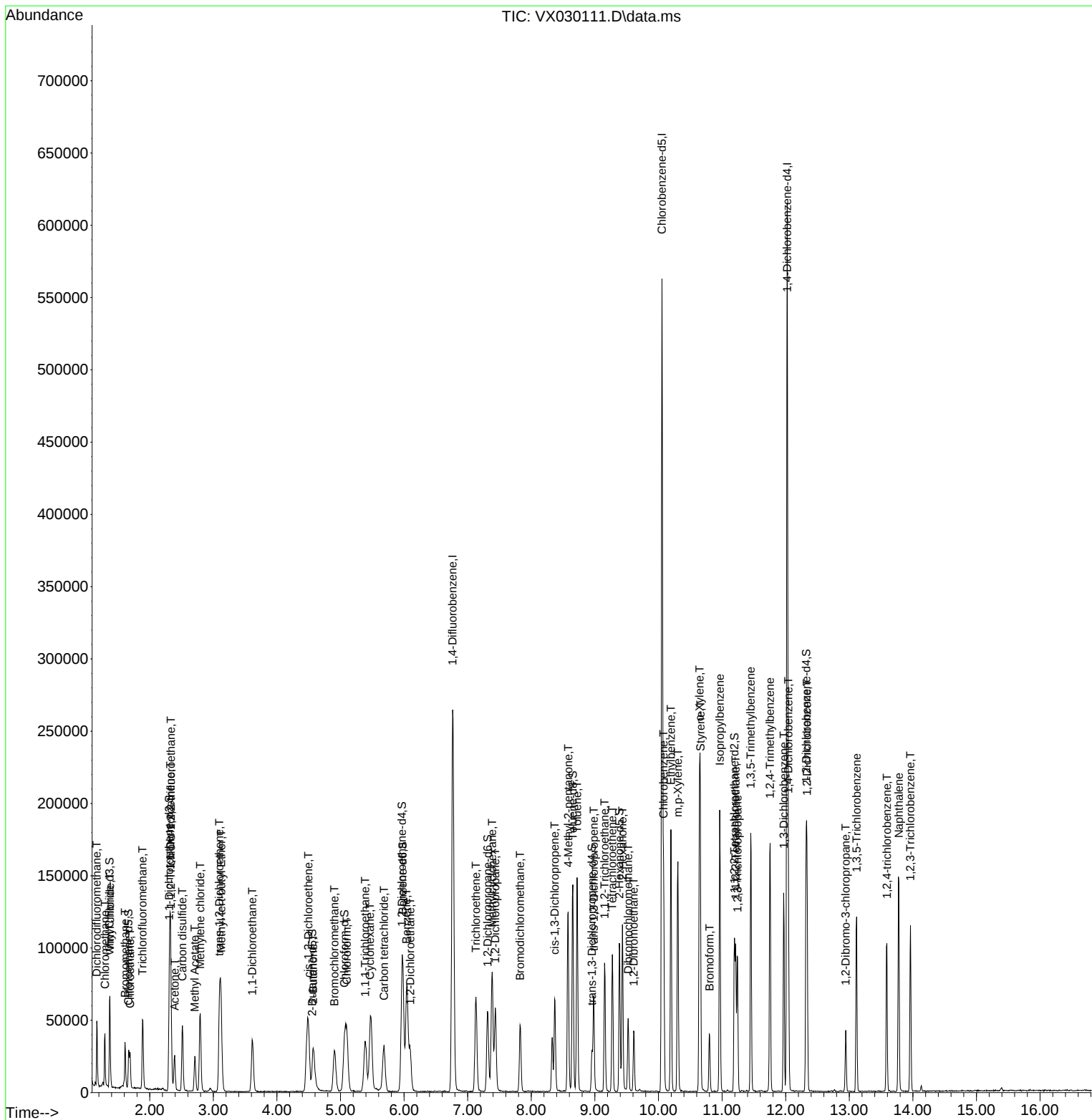
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010673

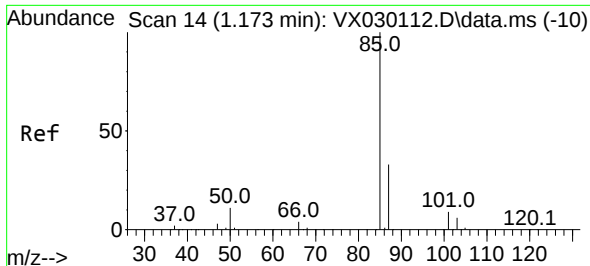
Quant Time: Jul 20 07:33:02 2022
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 Quant Title : VOC Analysis
 QLast Update : Wed Jul 20 07:31:59 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	23278	10.649	ug/L	97
46) Tetrachloroethene	9.275	164	18067	11.157	ug/L	85
48) 2-Hexanone	9.433	43	60918	20.417	ug/L	99
49) Dibromochloromethane	9.525	129	21180	9.684	ug/L	90
50) 1,2-Dibromoethane	9.610	107	23969	10.326	ug/L	99
51) Chlorobenzene	10.079	112	60247	10.581	ug/L	99
52) Ethylbenzene	10.195	91	99386	10.290	ug/L	97
53) m,p-Xylene	10.305	106	39016	10.363	ug/L	99
54) o-Xylene	10.646	106	37803	10.340	ug/L	90
55) Styrene	10.659	104	63459	10.075	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	36967	10.717	ug/L	99
59) Bromoform	10.805	173	14395	10.079	ug/L	97
60) Isopropylbenzene	10.963	105	96268	10.742	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	29688	10.945	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	78724	10.630	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	77359	10.477	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	42050	10.667	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	41549	10.484	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	42987	10.719	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	7693	9.444	ug/L	89
69) 1,3,5-Trichlorobenzene	13.115	180	28683	10.776	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	23859	10.212	ug/L	98
71) Naphthalene	13.780	128	95343	9.975	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	26005	10.477	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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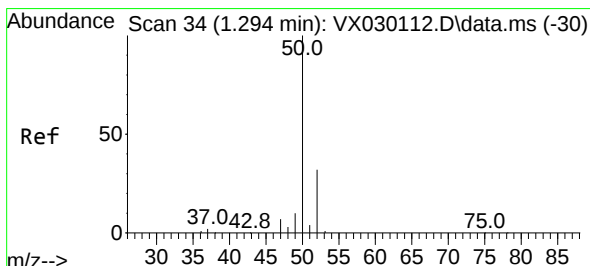
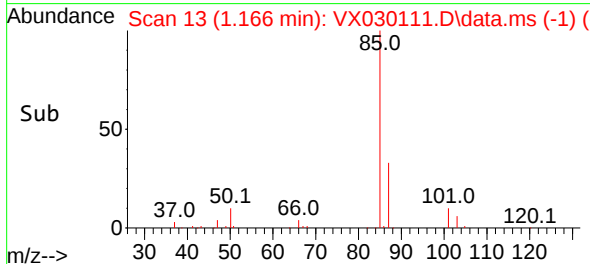
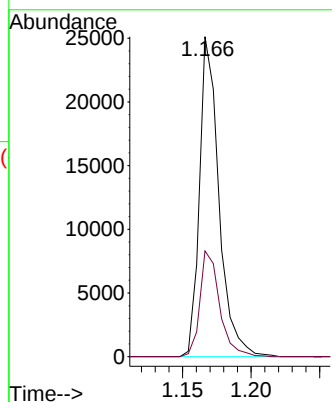
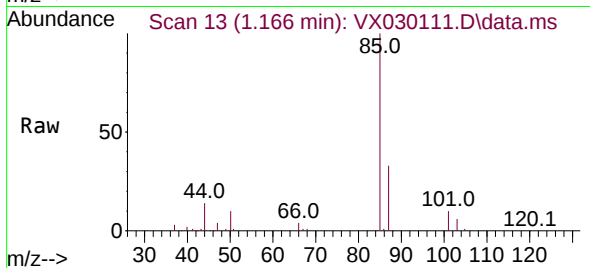




#2
Dichlorodifluoromethane
Concen: 10.682 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030111.D
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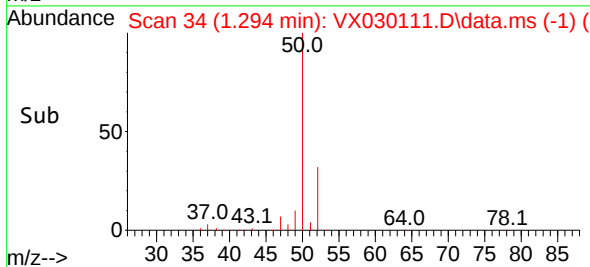
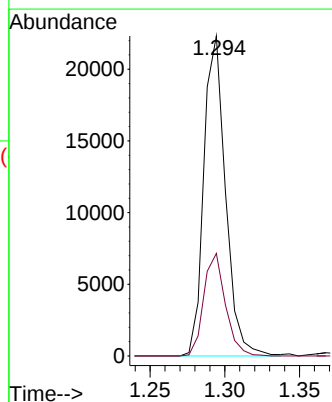
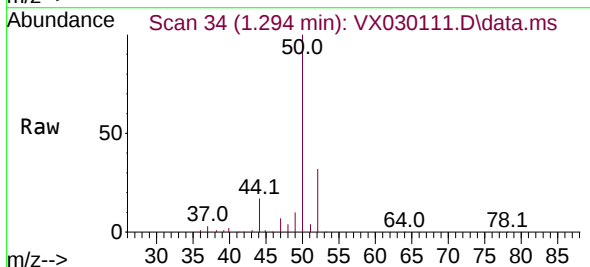
Instrument :
MSVOA_X
ClientSampleId :
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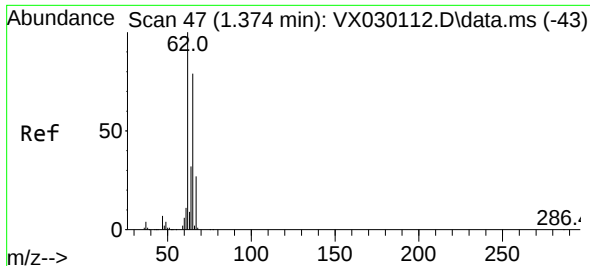
Tgt Ion: 85 Resp: 24888
Ion Ratio Lower Upper
85 100
87 33.5 25.7 38.5



#3
Chloromethane
Concen: 10.822 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

Tgt Ion: 50 Resp: 22536
Ion Ratio Lower Upper
50 100
52 32.1 22.6 42.0

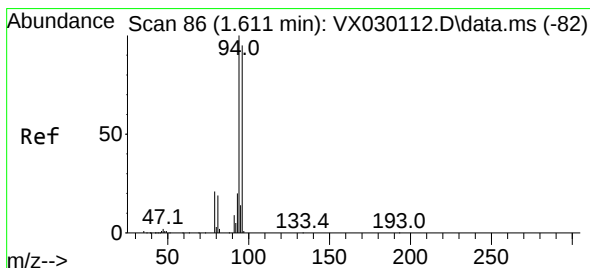
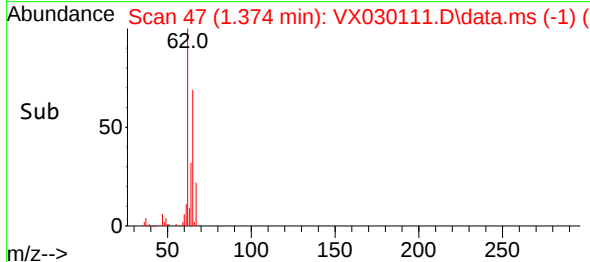
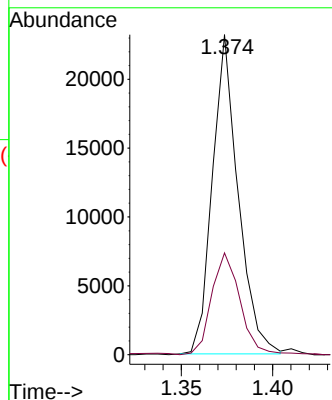
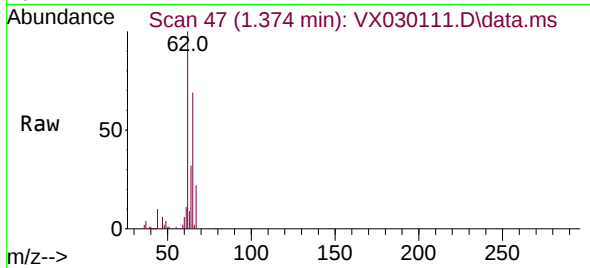




#5
 Vinyl chloride
 Concen: 10.478 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030111.D
 Acq: 19 Jul 2022 12:08

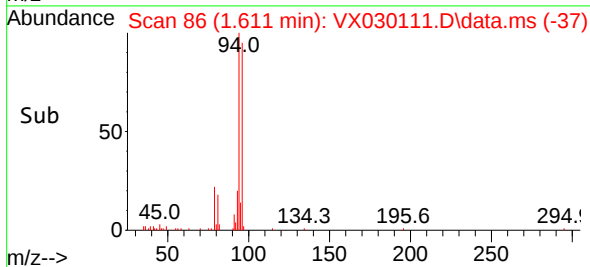
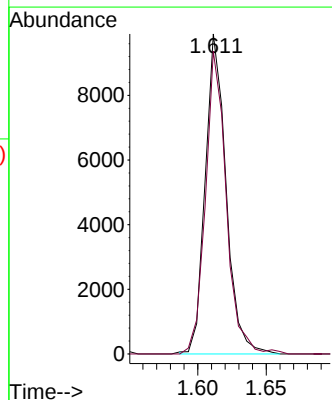
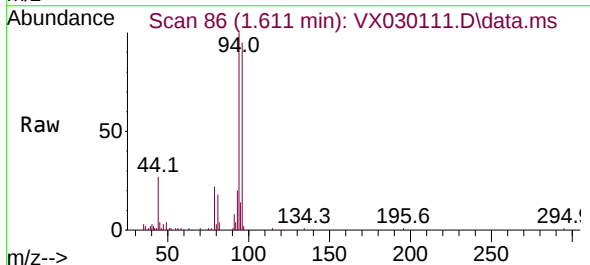
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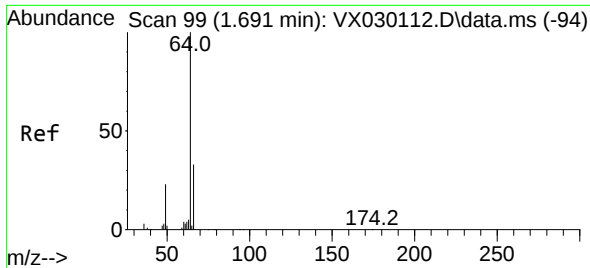
Tgt Ion: 62 Resp: 22744
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.1 41.1



#6
 Bromomethane
 Concen: 10.701 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX030111.D
 Acq: 19 Jul 2022 12:08

Tgt Ion: 94 Resp: 10478
 Ion Ratio Lower Upper
 94 100
 96 94.6 66.5 123.5

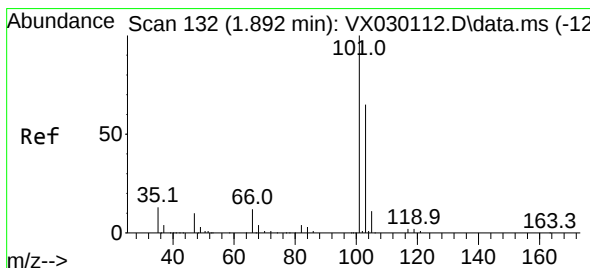
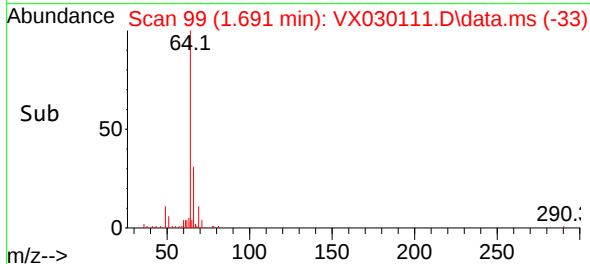
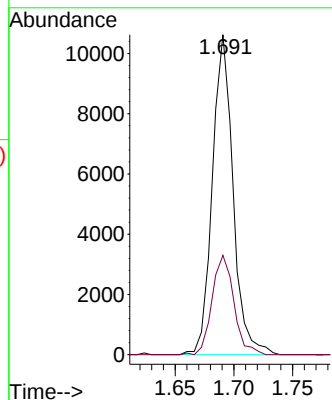
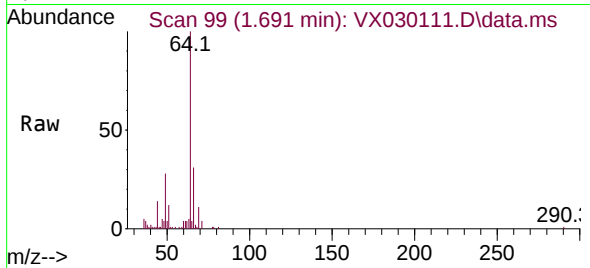




#8
Chloroethane
Concen: 10.880 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

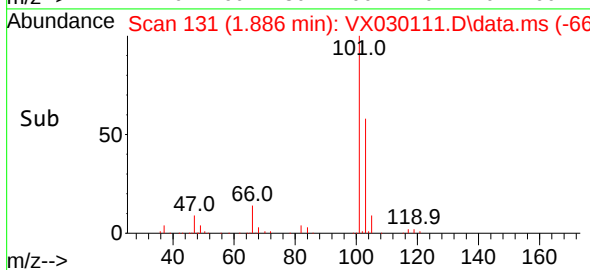
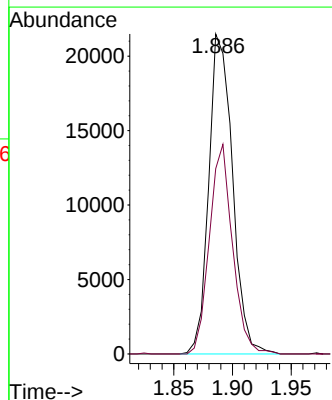
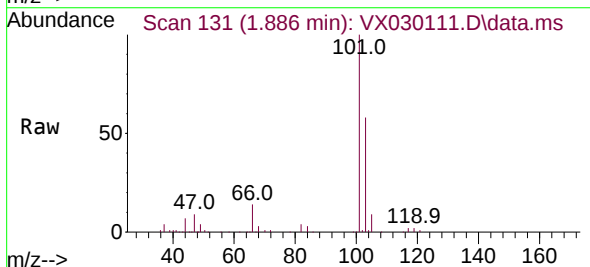
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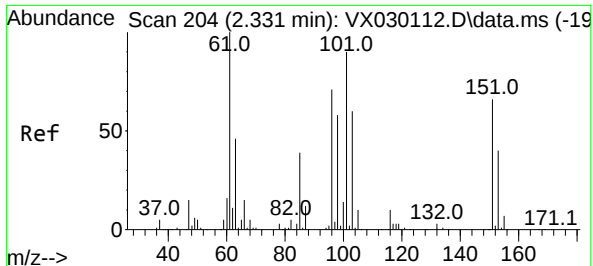
Tgt Ion: 64 Resp: 13033
Ion Ratio Lower Upper
64 100
66 31.1 23.0 42.6



#9
Trichlorofluoromethane
Concen: 10.754 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

Tgt Ion: 101 Resp: 30221
Ion Ratio Lower Upper
101 100
103 63.8 51.8 77.6

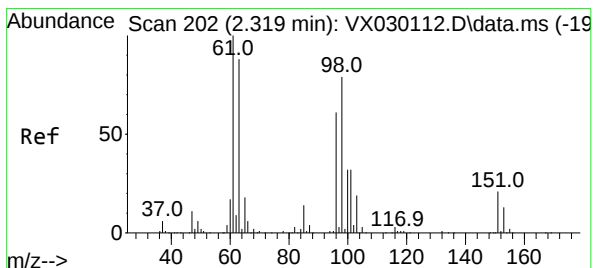
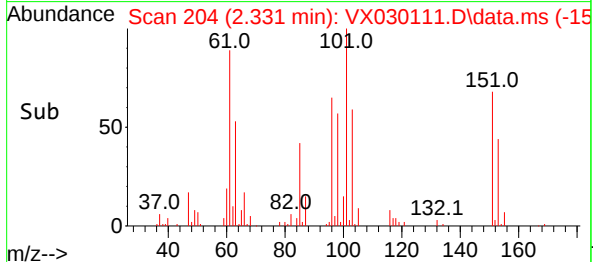
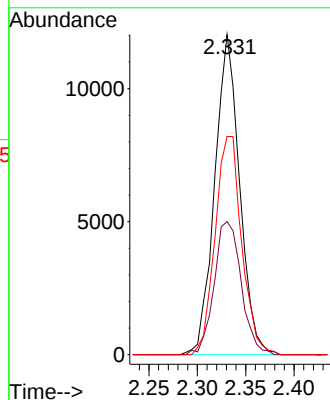
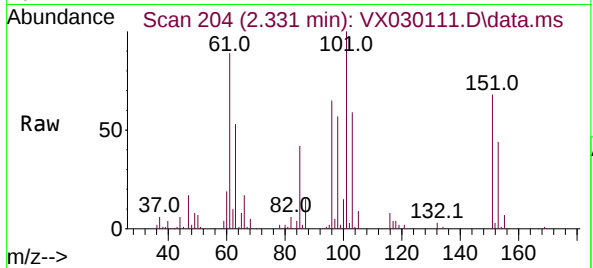




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.836 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX030111.D
 Acq: 19 Jul 2022 12:08

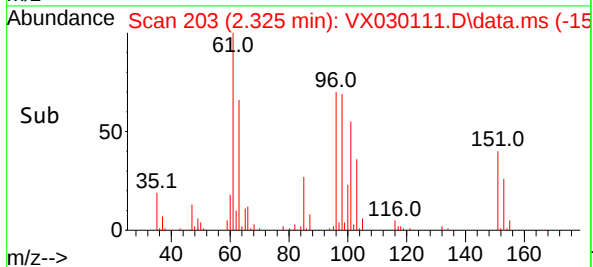
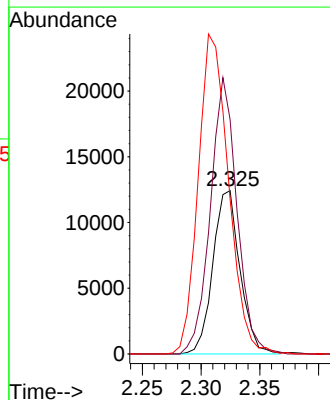
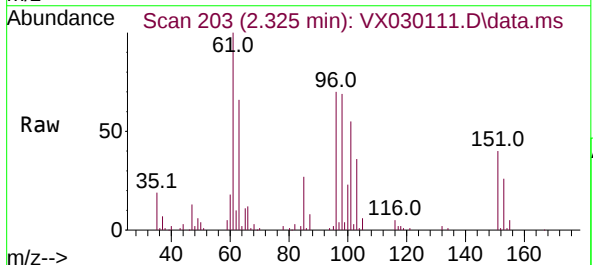
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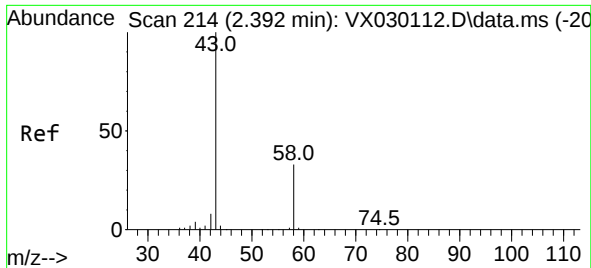
Tgt Ion:101 Resp: 21526
 Ion Ratio Lower Upper
 101 100
 85 45.2 34.1 51.1
 151 72.9 59.4 89.2



#12
 1,1-Dichloroethene
 Concen: 10.401 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX030111.D
 Acq: 19 Jul 2022 12:08

Tgt Ion: 96 Resp: 19922
 Ion Ratio Lower Upper
 96 100
 61 143.4 115.1 213.7
 63 94.6 104.1 193.3#





#13

Acetone

Concen: 21.953 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX030111.D

Acq: 19 Jul 2022 12:08

Instrument :

MSVOA_X

ClientSampleId :

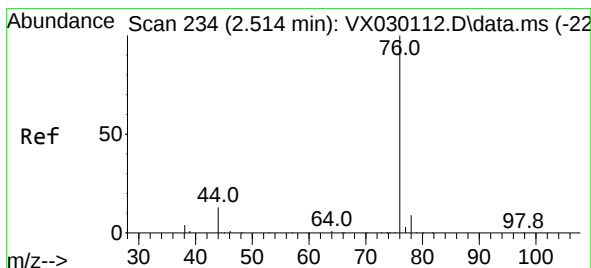
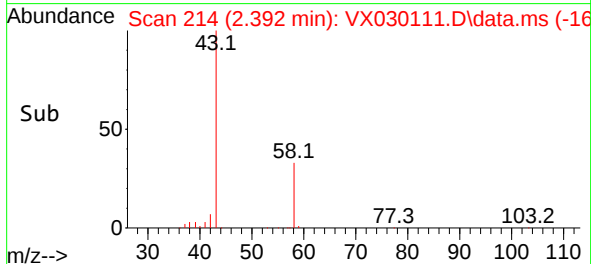
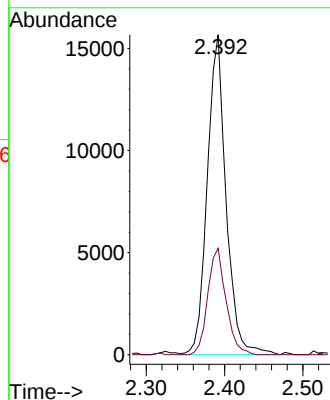
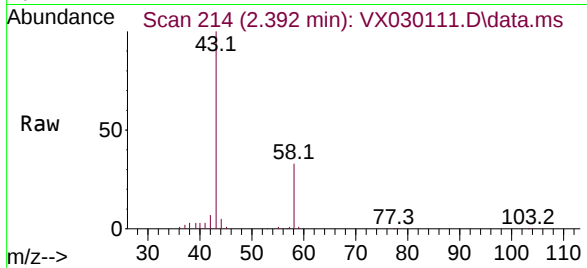
VSTD010673

Tgt Ion: 43 Resp: 26083

Ion Ratio Lower Upper

43 100

58 32.2 0.0 65.6



#14

Carbon disulfide

Concen: 10.324 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX030111.D

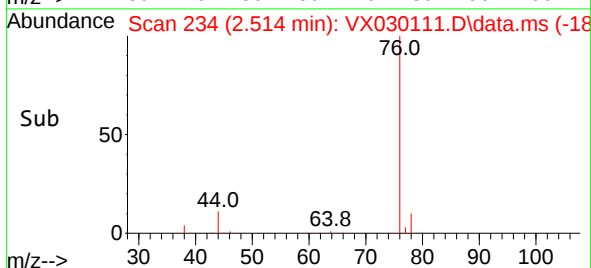
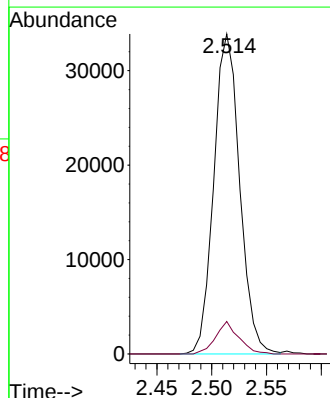
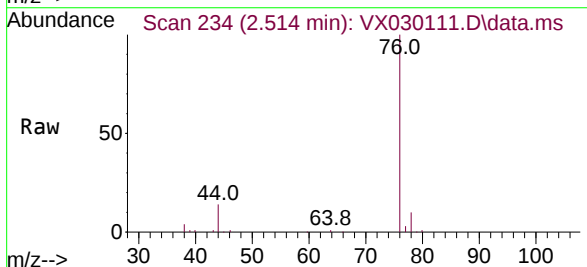
Acq: 19 Jul 2022 12:08

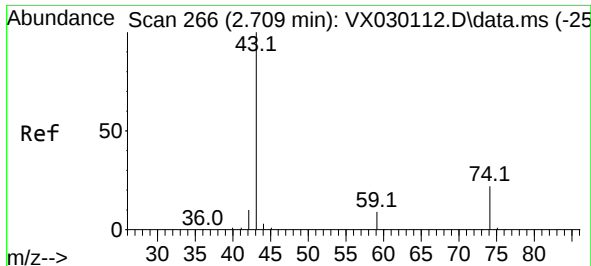
Tgt Ion: 76 Resp: 55651

Ion Ratio Lower Upper

76 100

78 10.2 7.3 10.9

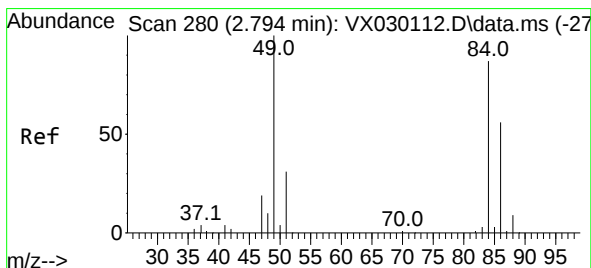
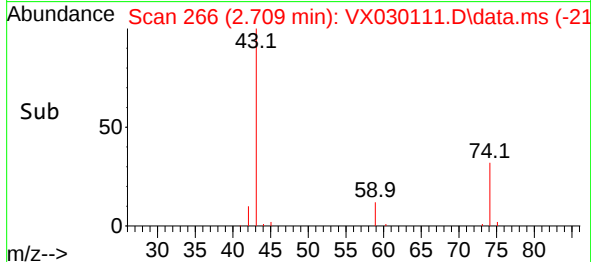
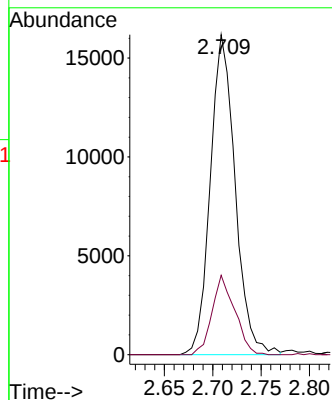
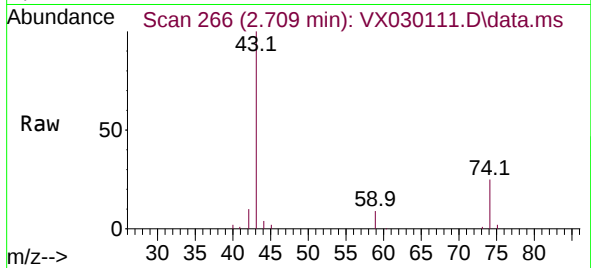




#15
Methyl Acetate
Concen: 10.699 ug/L
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

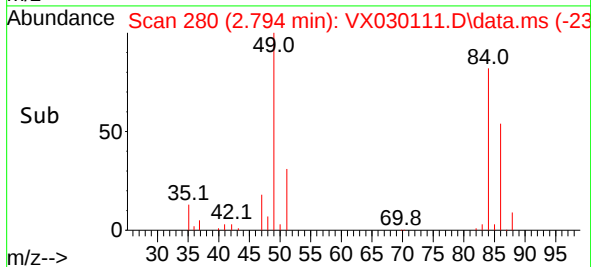
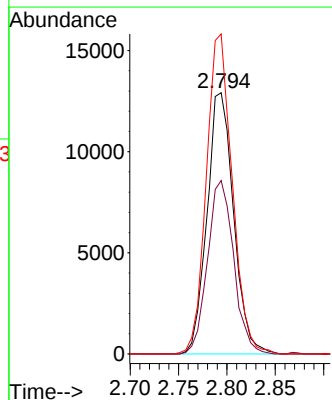
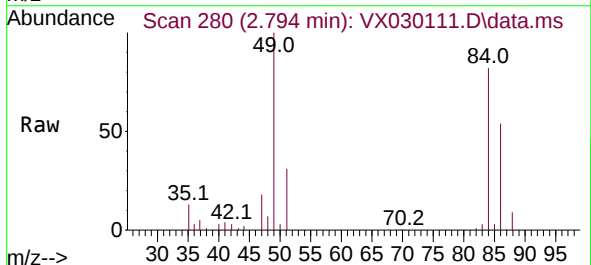
Instrument :
MSVOA_X
ClientSampleId :
VSTD010673

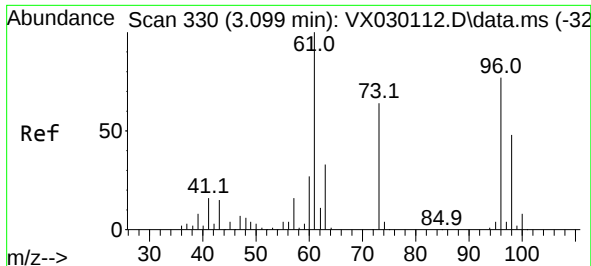
Tgt Ion: 43 Resp: 28951
Ion Ratio Lower Upper
43 100
74 22.7 18.7 28.1



#16
Methylene chloride
Concen: 10.693 ug/L
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

Tgt Ion: 84 Resp: 24724
Ion Ratio Lower Upper
84 100
86 66.4 44.8 83.2
49 122.5 80.6 149.6

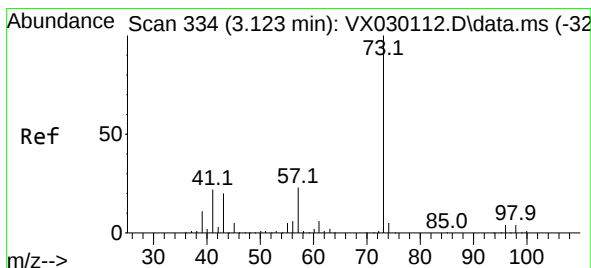
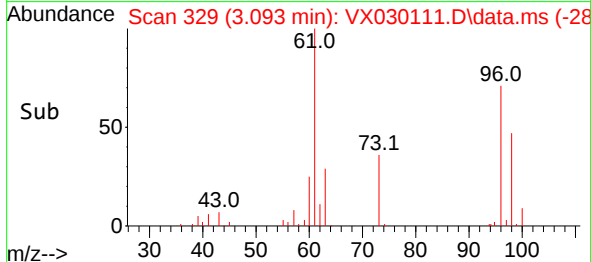
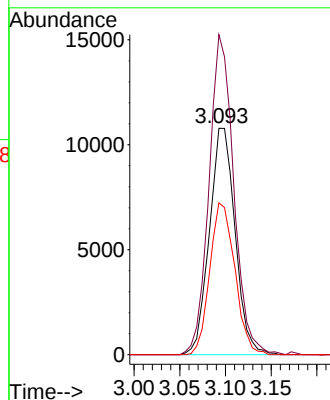
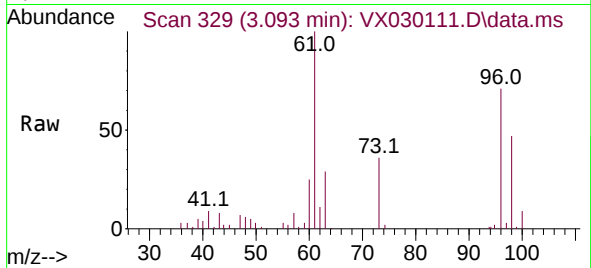




#17
trans-1,2-Dichloroethene
Concen: 10.357 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

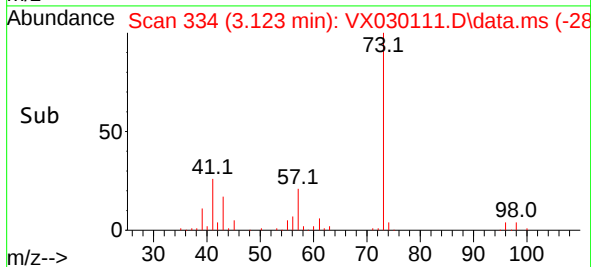
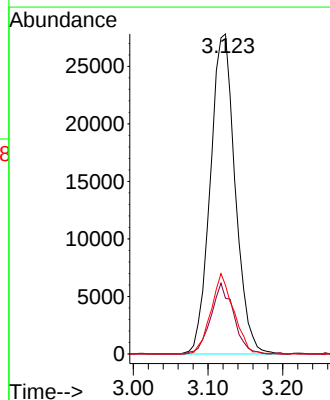
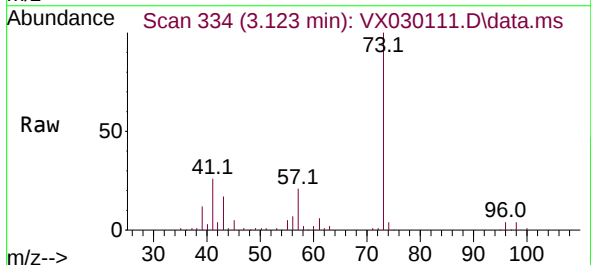
Instrument :
MSVOA_X
ClientSampleId :
VSTD010673

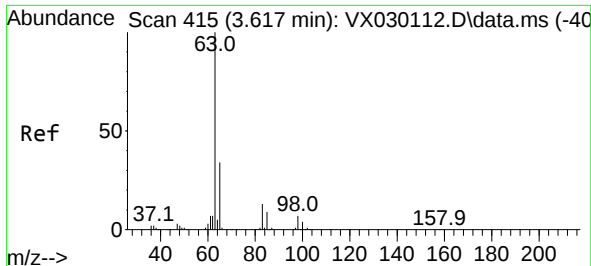
Tgt Ion: 96 Resp: 21110
Ion Ratio Lower Upper
96 100
61 141.3 90.4 168.0
98 67.1 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 10.248 ug/L
RT: 3.123 min Scan# 334
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

Tgt Ion: 73 Resp: 64345
Ion Ratio Lower Upper
73 100
43 20.2 16.2 24.4
57 23.0 17.7 26.5





#19

1,1-Dichloroethane

Concen: 10.537 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX030111.D

Acq: 19 Jul 2022 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTD010673

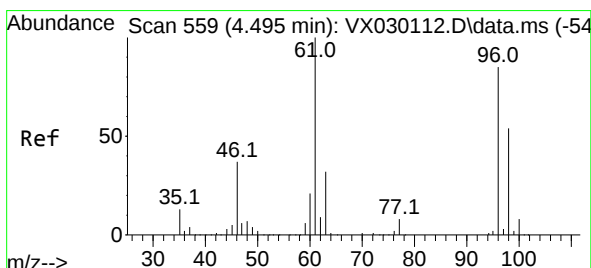
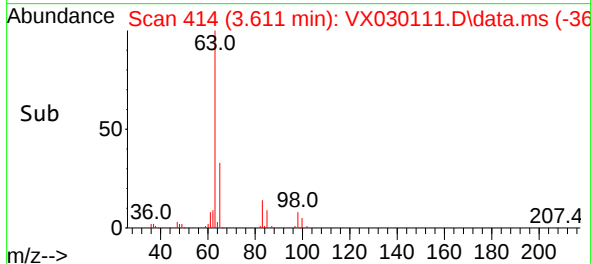
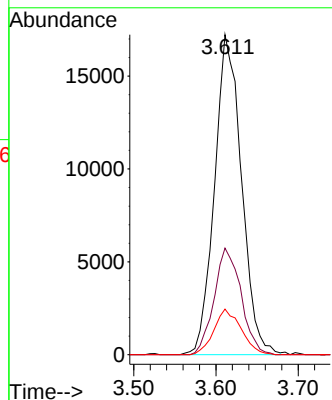
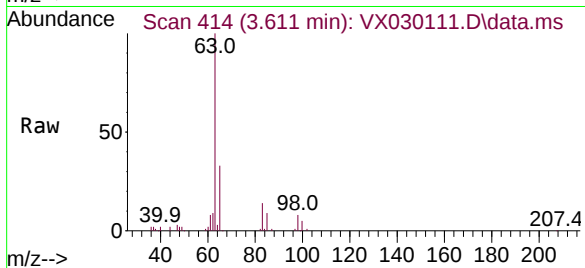
Tgt Ion: 63 Resp: 39256

Ion Ratio Lower Upper

63 100

65 33.3 23.4 43.6

83 14.2 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 10.642 ug/L

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX030111.D

Acq: 19 Jul 2022 12:08

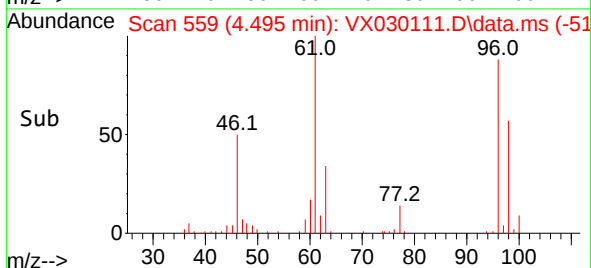
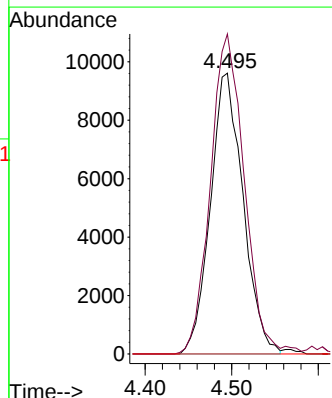
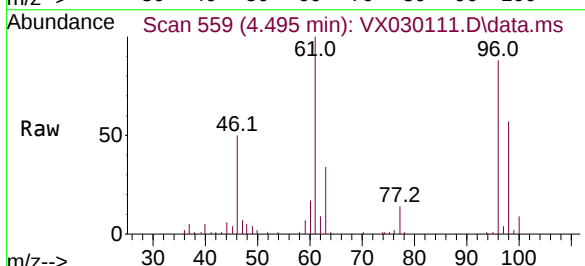
Tgt Ion: 96 Resp: 25185

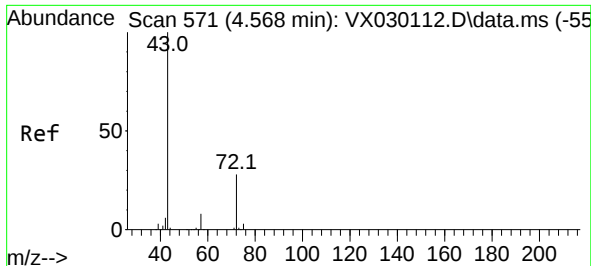
Ion Ratio Lower Upper

96 100

61 114.0 82.1 152.5

68 0.0 0.0 0.0

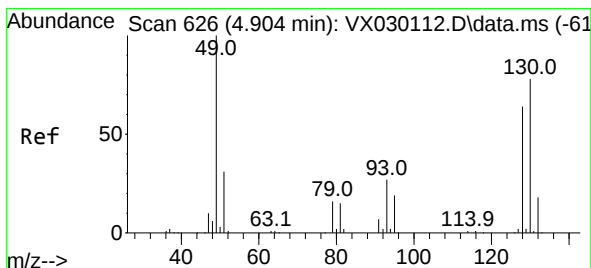
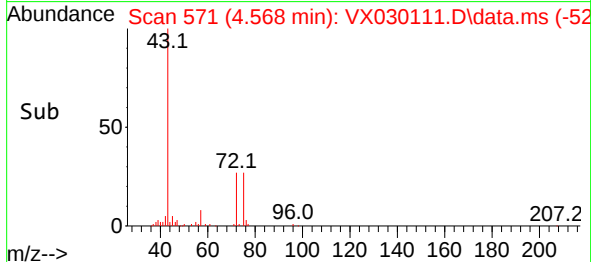
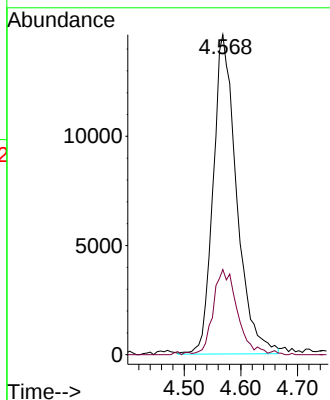
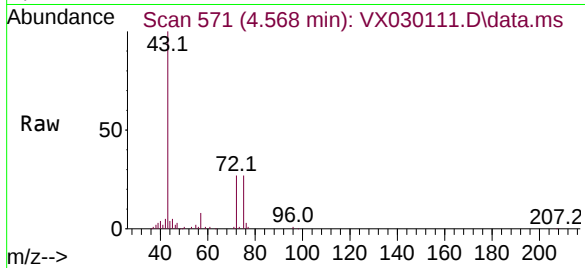




#22
2-Butanone
Concen: 20.754 ug/L
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

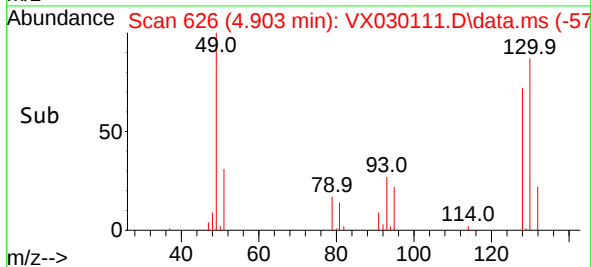
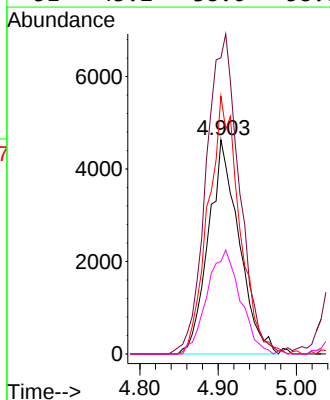
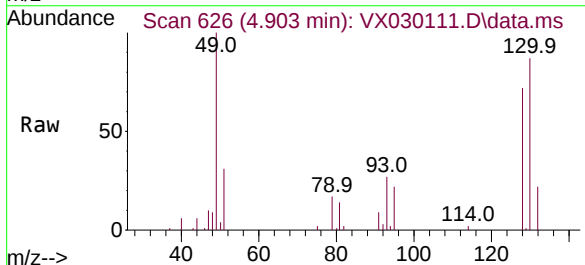
Instrument :
MSVOA_X
ClientSampleId :
VSTD010673

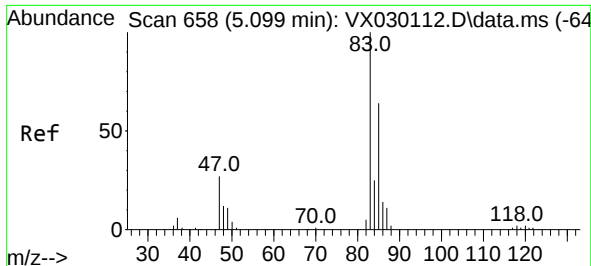
Tgt Ion: 43 Resp: 42160
Ion Ratio Lower Upper
43 100
72 26.4 13.1 39.3



#23
Bromochloromethane
Concen: 10.642 ug/L
RT: 4.903 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

Tgt Ion: 128 Resp: 12533
Ion Ratio Lower Upper
128 100
49 138.4 110.0 204.4
130 120.4 86.0 159.6
51 43.2 38.6 58.0





#25

Chloroform

Concen: 10.644 ug/L

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX030111.D

Acq: 19 Jul 2022 12:08

Instrument :

MSVOA_X

ClientSampleId :

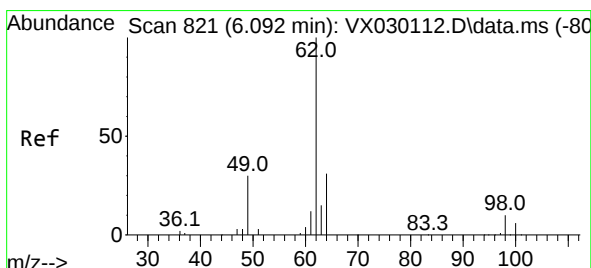
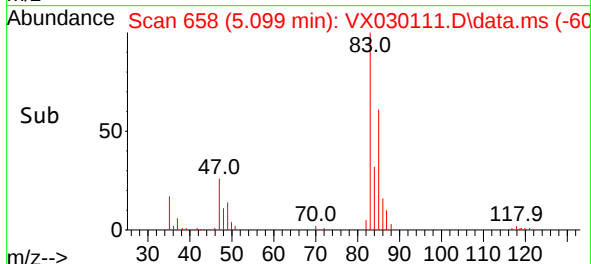
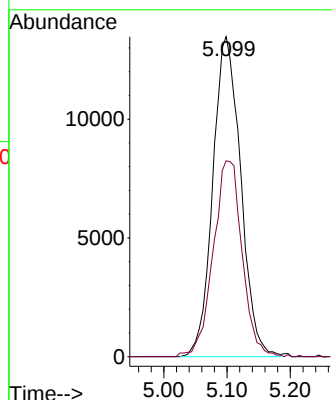
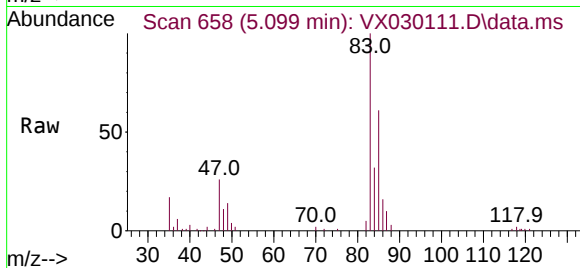
VSTD010673

Tgt Ion: 83 Resp: 41159

Ion Ratio Lower Upper

83 100

85 61.2 44.7 82.9



#27

1,2-Dichloroethane

Concen: 10.153 ug/L

RT: 6.098 min Scan# 822

Delta R.T. 0.006 min

Lab File: VX030111.D

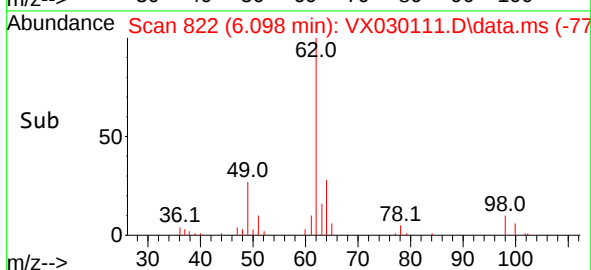
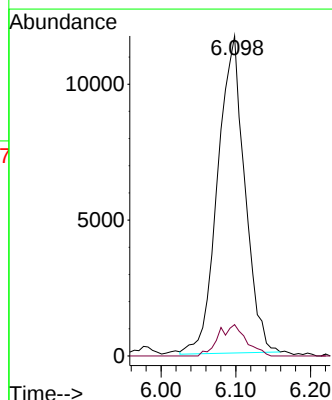
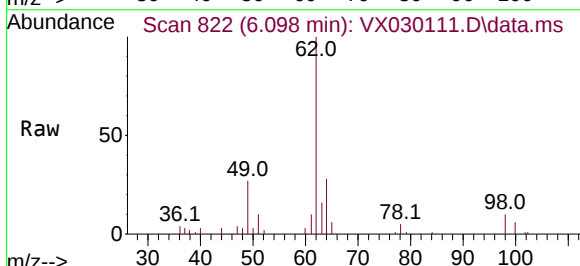
Acq: 19 Jul 2022 12:08

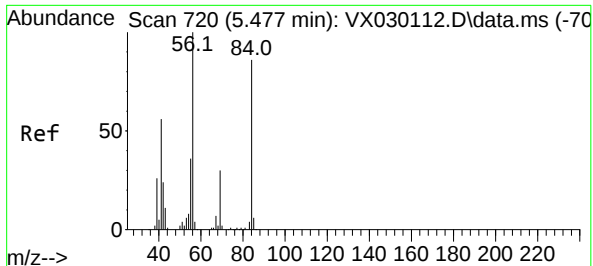
Tgt Ion: 62 Resp: 29487

Ion Ratio Lower Upper

62 100

98 9.8 8.0 12.0





#29

Cyclohexane

Concen: 4.951 ug/L

RT: 5.464 min Scan# 718

Delta R.T. -0.012 min

Lab File: VX030111.D

Acq: 19 Jul 2022 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTD010673

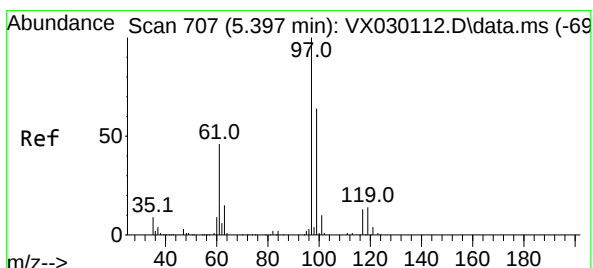
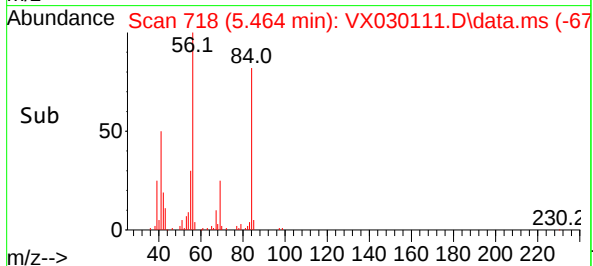
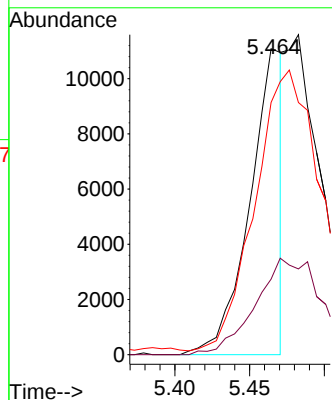
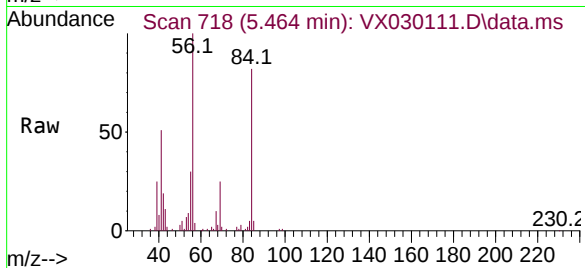
Tgt Ion: 56 Resp: 17022

Ion Ratio Lower Upper

56 100

69 38.6 24.2 36.2#

84 187.9 70.4 105.6#



#30

1,1,1-Trichloroethane

Concen: 10.435 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.012 min

Lab File: VX030111.D

Acq: 19 Jul 2022 12:08

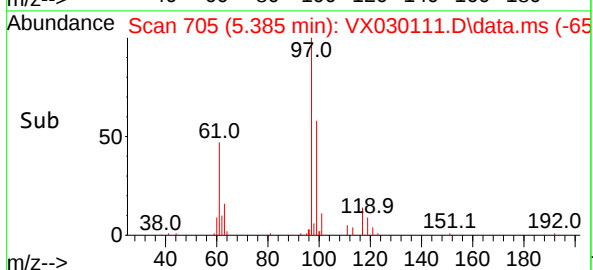
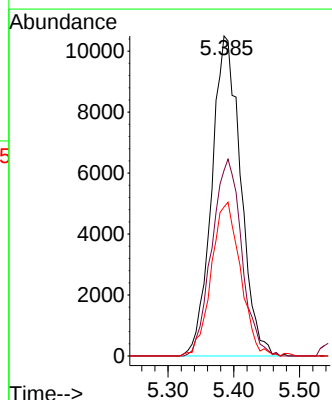
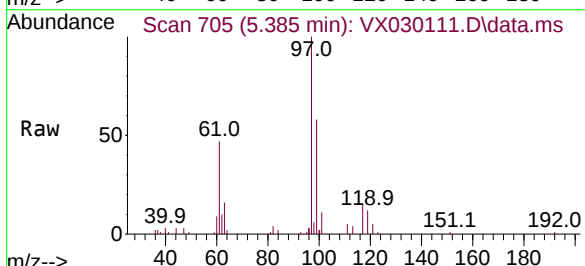
Tgt Ion: 97 Resp: 32179

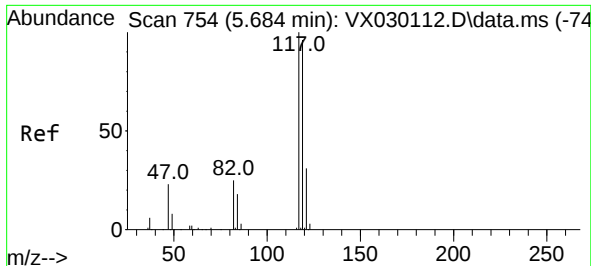
Ion Ratio Lower Upper

97 100

99 63.4 51.2 76.8

61 45.4 36.8 55.2

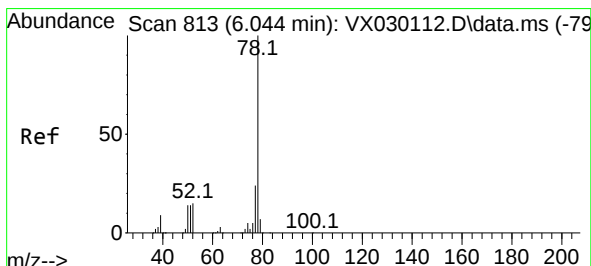
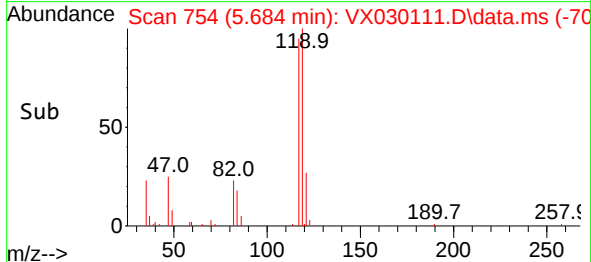
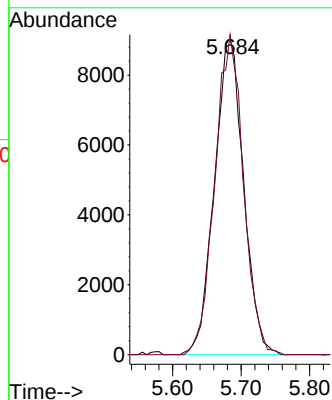
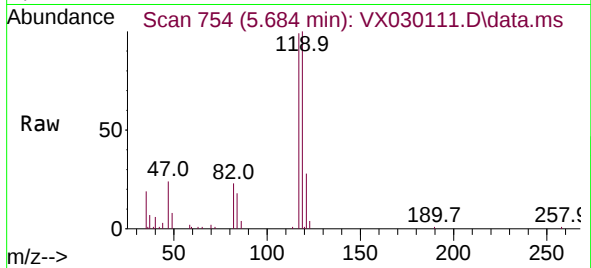




#31
Carbon tetrachloride
Concen: 10.518 ug/L
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

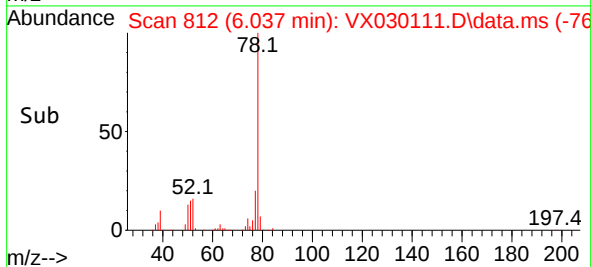
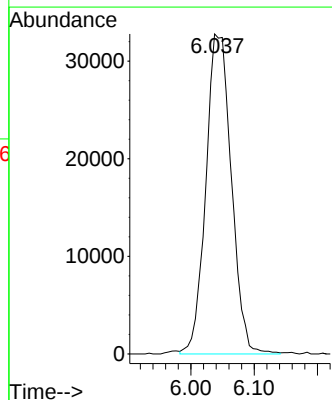
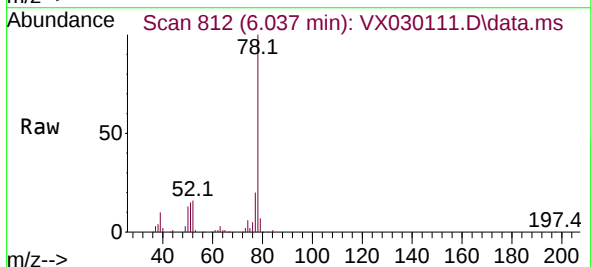
Instrument :
MSVOA_X
ClientSampleId :
VSTD010673

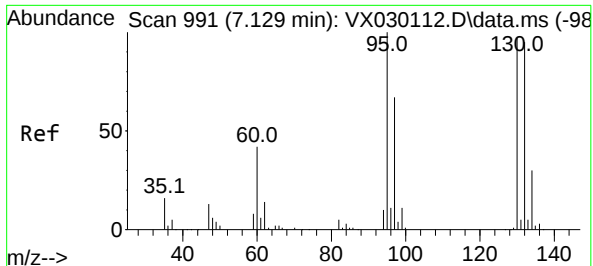
Tgt Ion:117 Resp: 26720
Ion Ratio Lower Upper
117 100
119 99.3 77.4 116.2



#33
Benzene
Concen: 10.532 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

Tgt Ion: 78 Resp: 91918

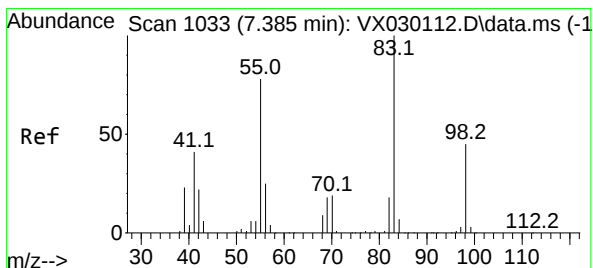
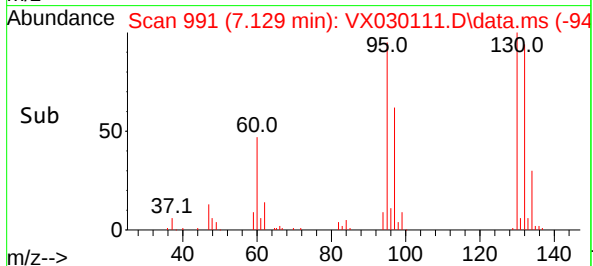
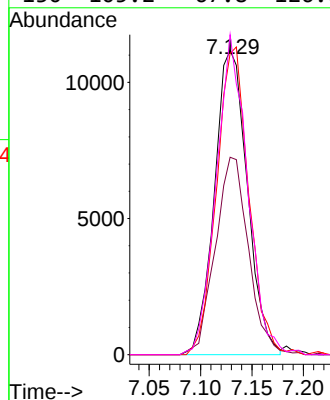
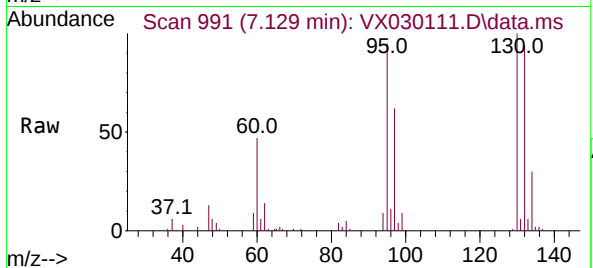




#34
Trichloroethene
Concen: 10.637 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

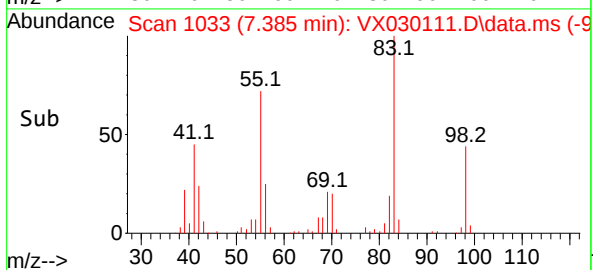
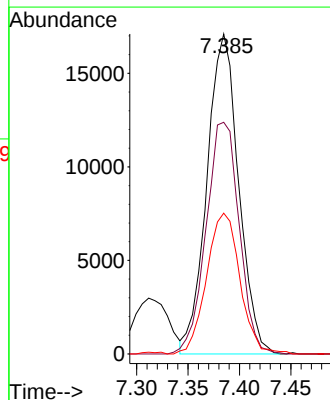
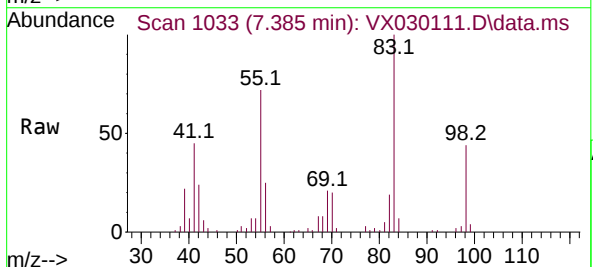
Instrument :
MSVOA_X
ClientSampleId :
VSTD010673

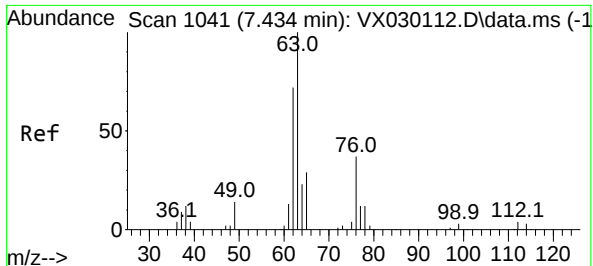
Tgt Ion: 95 Resp: 24865
Ion Ratio Lower Upper
95 100
97 64.9 46.6 86.6
132 99.0 66.4 123.2
130 105.2 67.8 126.0



#35
Methylcyclohexane
Concen: 10.445 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

Tgt Ion: 83 Resp: 36730
Ion Ratio Lower Upper
83 100
55 75.5 59.7 89.5
98 45.8 37.0 55.6





#37

1,2-Dichloropropane

Concen: 11.052 ug/L

RT: 7.433 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX030111.D

Acq: 19 Jul 2022 12:08

Instrument :

MSVOA_X

ClientSampleId :

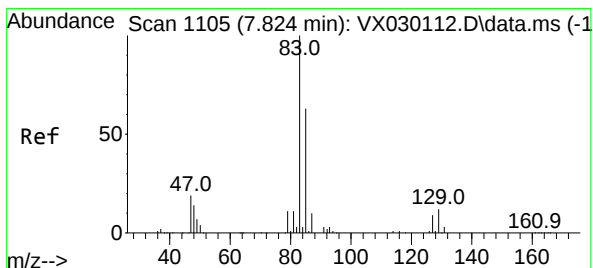
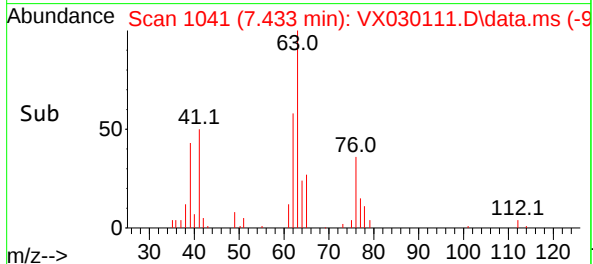
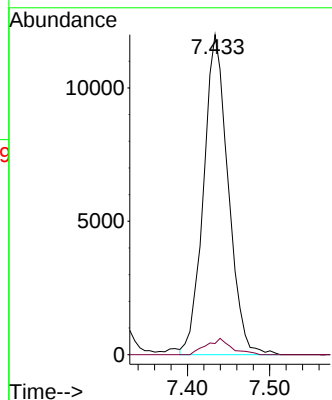
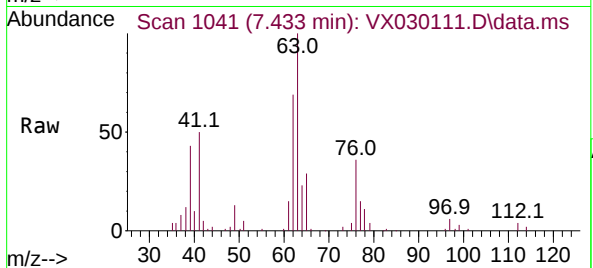
VSTD010673

Tgt Ion: 63 Resp: 24956

Ion Ratio Lower Upper

63 100

112 4.7 3.1 4.7#



#38

Bromodichloromethane

Concen: 10.397 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX030111.D

Acq: 19 Jul 2022 12:08

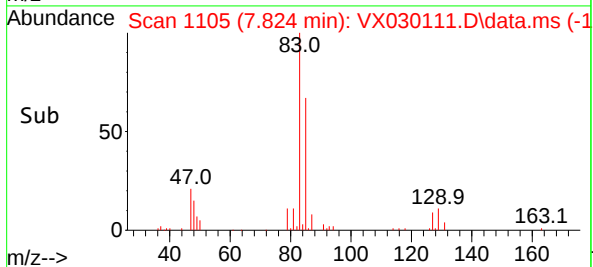
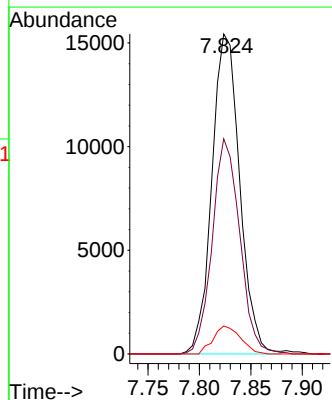
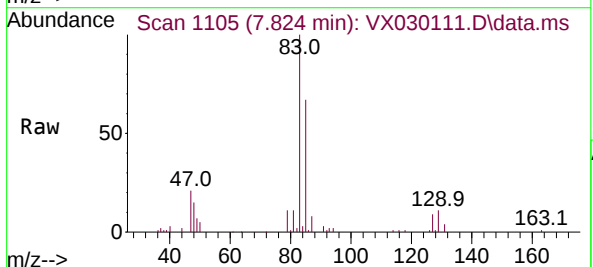
Tgt Ion: 83 Resp: 29055

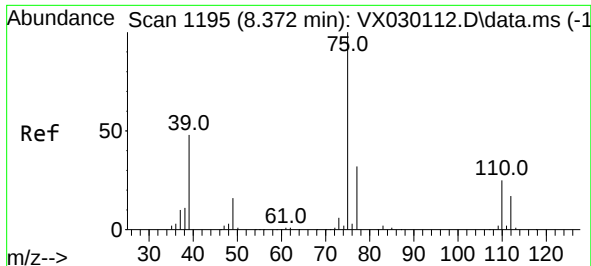
Ion Ratio Lower Upper

83 100

85 67.3 44.0 81.8

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 10.120 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030111.D

Acq: 19 Jul 2022 12:08

Instrument :

MSVOA_X

ClientSampleId :

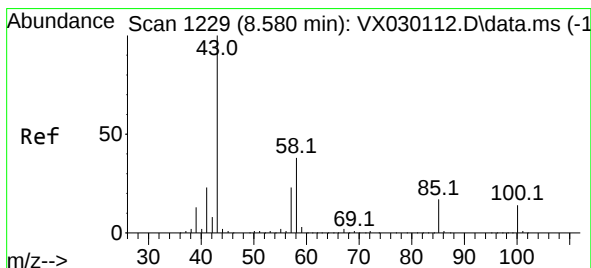
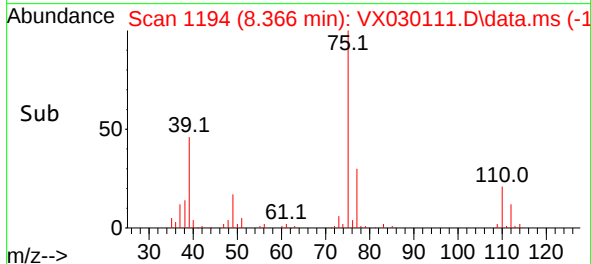
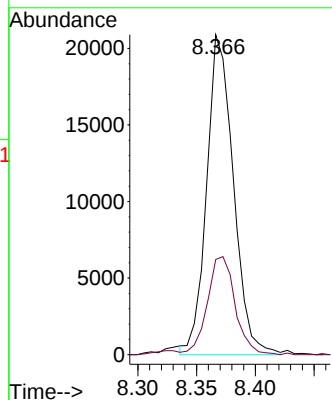
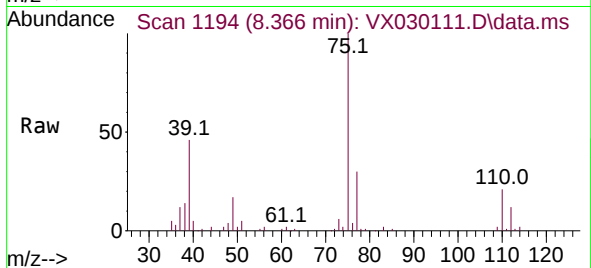
VSTD010673

Tgt Ion: 75 Resp: 33043

Ion Ratio Lower Upper

75 100

77 29.7 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 20.712 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX030111.D

Acq: 19 Jul 2022 12:08

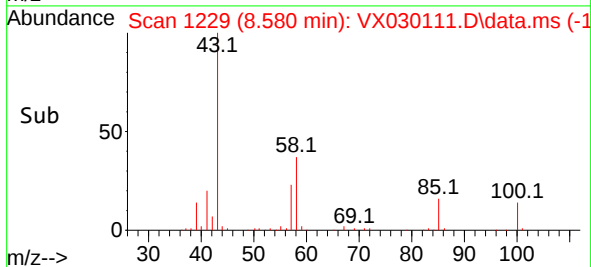
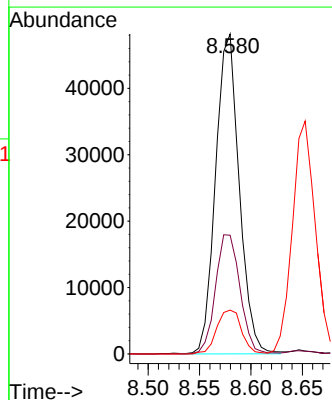
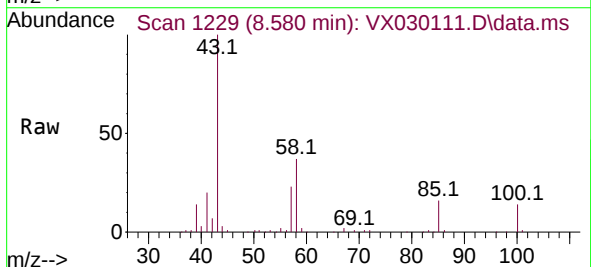
Tgt Ion: 43 Resp: 76958

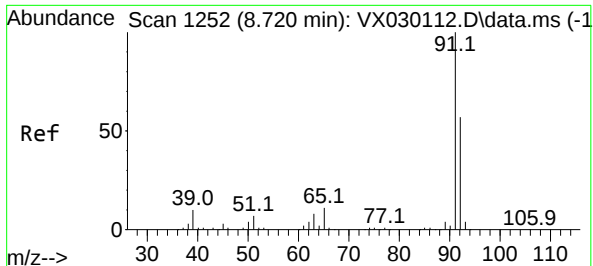
Ion Ratio Lower Upper

43 100

58 38.7 30.9 46.3

100 14.4 11.5 17.3

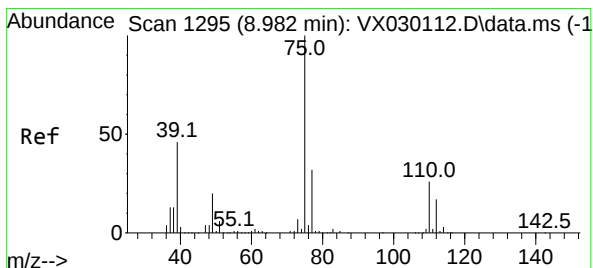
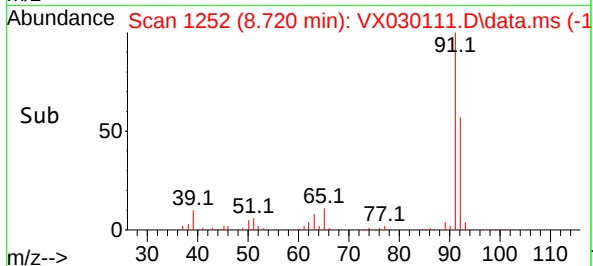
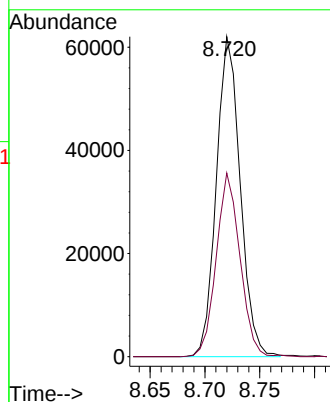
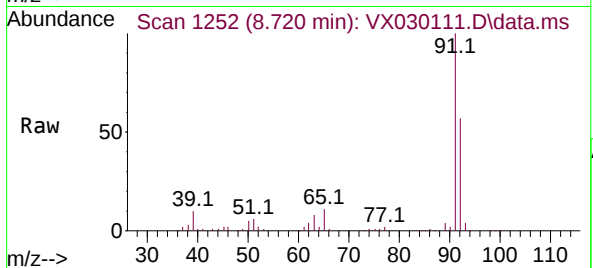




#42
Toluene
Concen: 10.378 ug/L
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

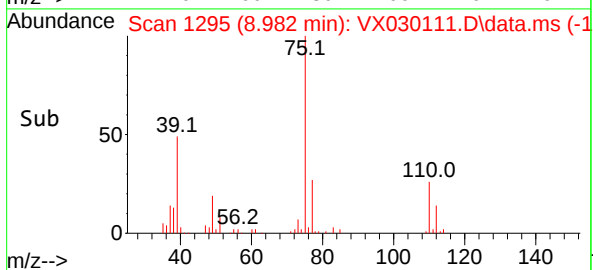
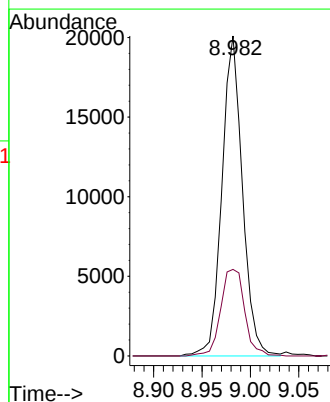
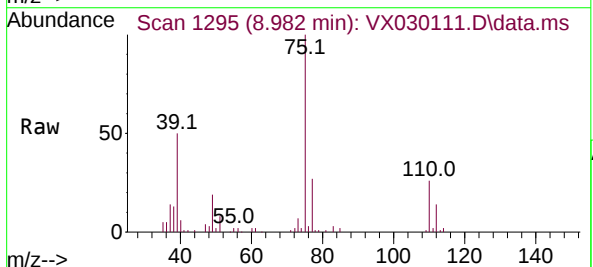
Instrument :
MSVOA_X
ClientSampleId :
VSTD010673

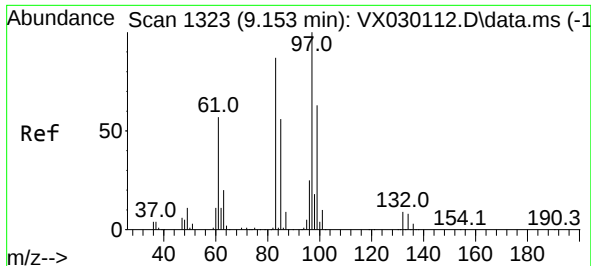
Tgt Ion: 91 Resp: 94043
Ion Ratio Lower Upper
91 100
92 57.4 39.6 73.6



#44
trans-1,3-Dichloropropene
Concen: 9.673 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

Tgt Ion: 75 Resp: 29579
Ion Ratio Lower Upper
75 100
77 27.0 22.2 41.2



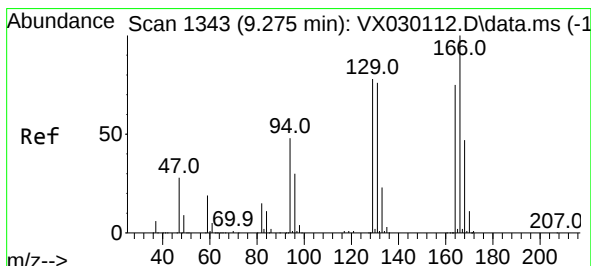
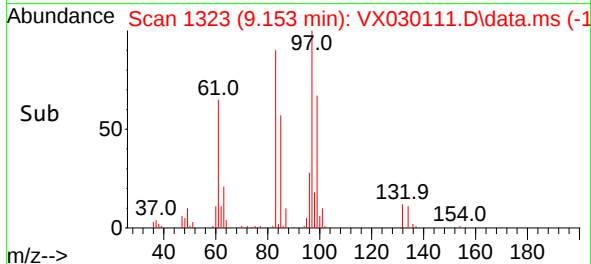
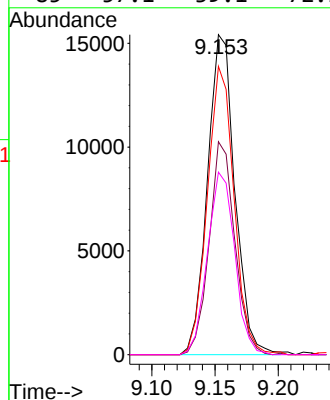
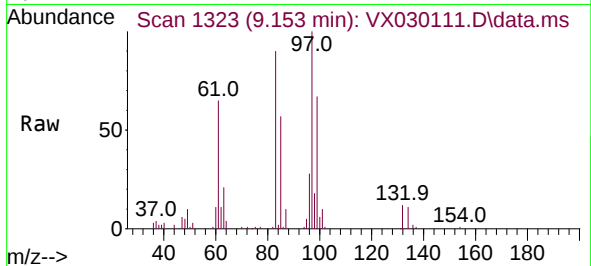


#45
1,1,2-Trichloroethane
Concen: 10.649 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTD010673

Tgt Ion: 97 Resp: 23278

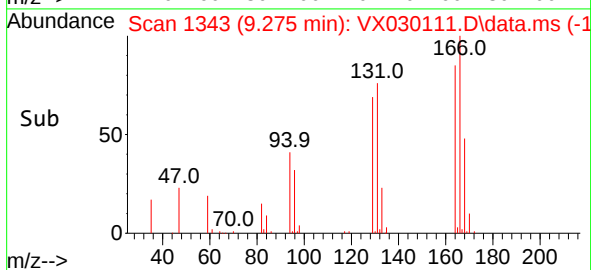
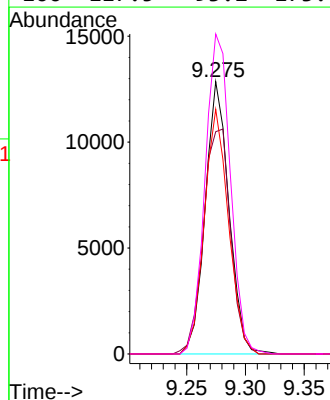
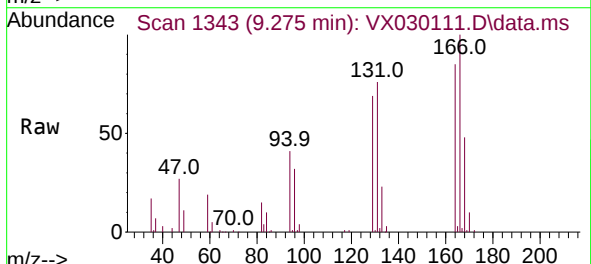
Ion	Ratio	Lower	Upper
97	100		
99	66.5	43.8	81.4
83	90.1	61.2	113.8
85	57.1	39.1	72.5

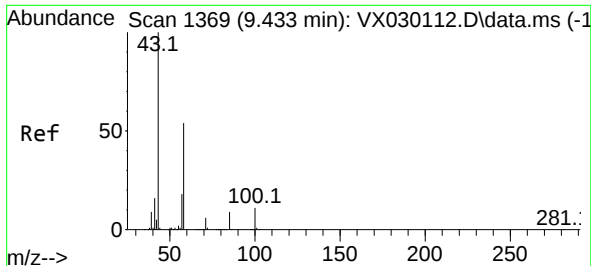


#46
Tetrachloroethene
Concen: 11.157 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

Tgt Ion: 164 Resp: 18067

Ion	Ratio	Lower	Upper
164	100		
129	81.6	73.0	135.6
131	89.8	70.7	131.3
166	117.5	93.2	173.0

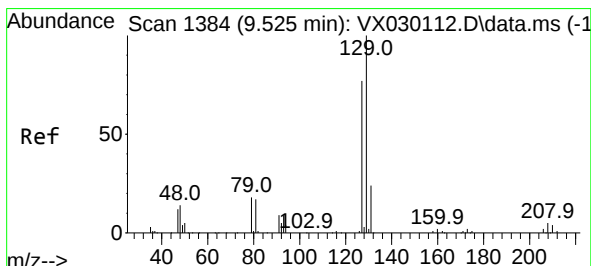
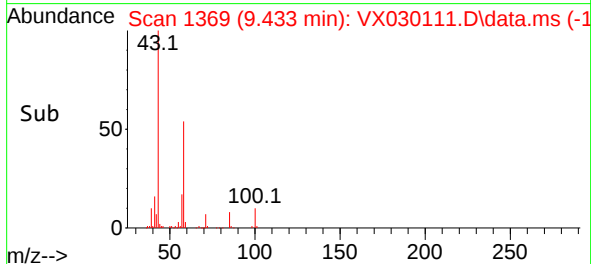
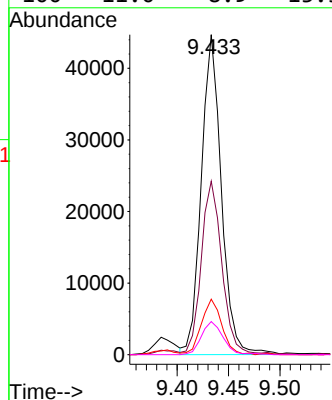
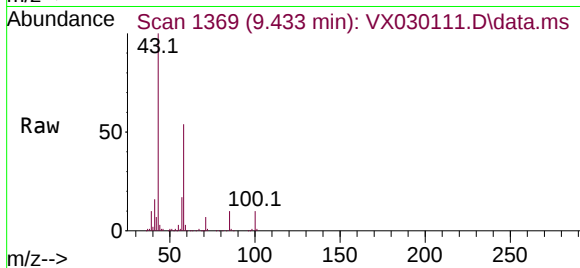




#48
2-Hexanone
Concen: 20.417 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

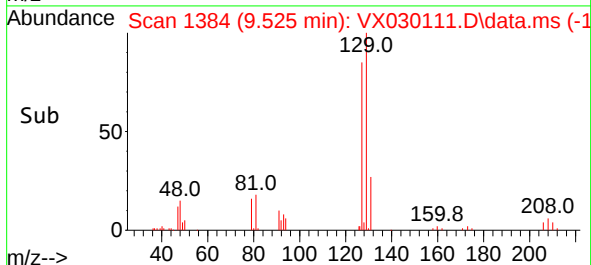
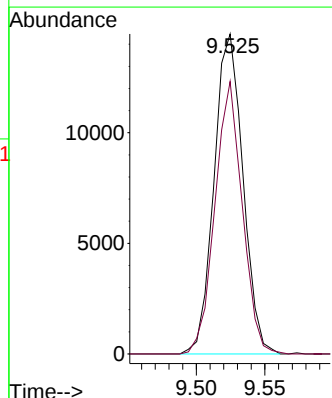
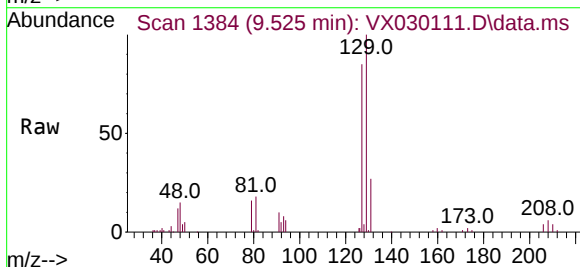
Instrument :
MSVOA_X
ClientSampleId :
VSTD010673

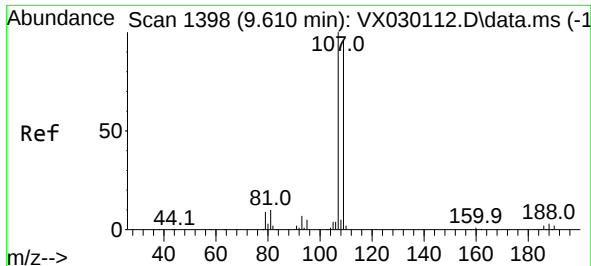
Tgt Ion: 43 Resp: 60918
Ion Ratio Lower Upper
43 100
58 55.6 43.4 65.2
57 17.6 14.3 21.5
100 11.0 8.9 13.3



#49
Dibromochloromethane
Concen: 9.684 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

Tgt Ion: 129 Resp: 21180
Ion Ratio Lower Upper
129 100
127 85.1 53.6 99.6





#50

1,2-Dibromoethane

Concen: 10.326 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX030111.D

Acq: 19 Jul 2022 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTD010673

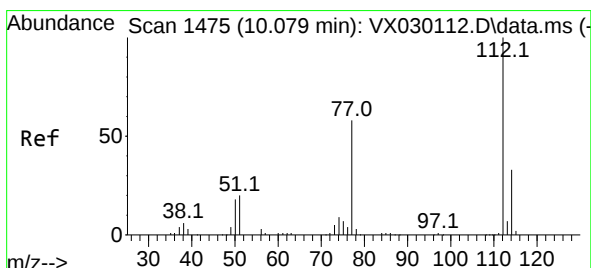
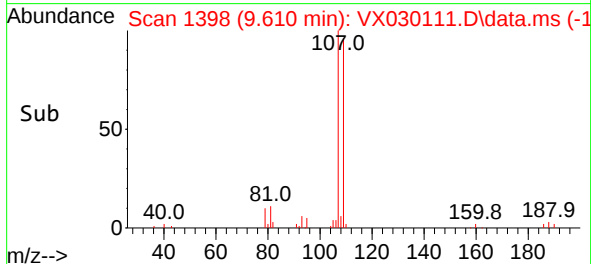
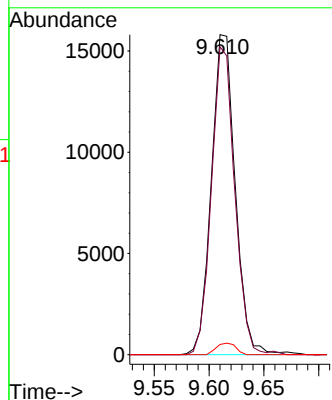
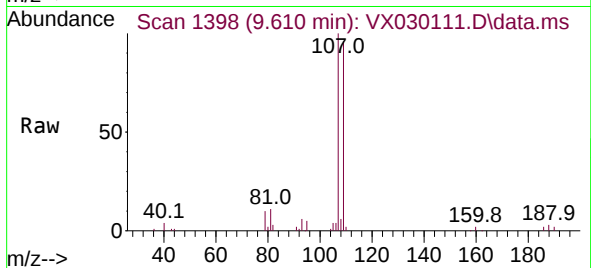
Tgt Ion:107 Resp: 23969

Ion Ratio Lower Upper

107 100

109 96.2 66.9 124.3

188 3.2 2.4 3.6



#51

Chlorobenzene

Concen: 10.581 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX030111.D

Acq: 19 Jul 2022 12:08

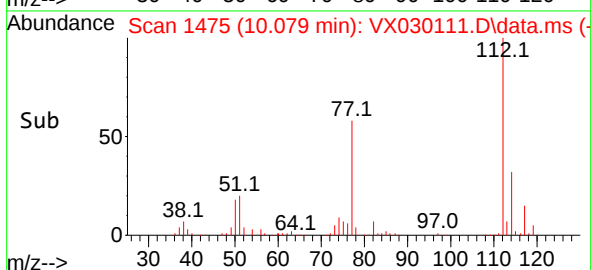
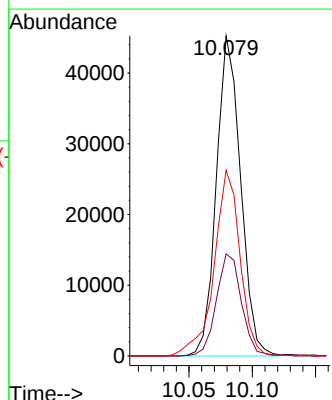
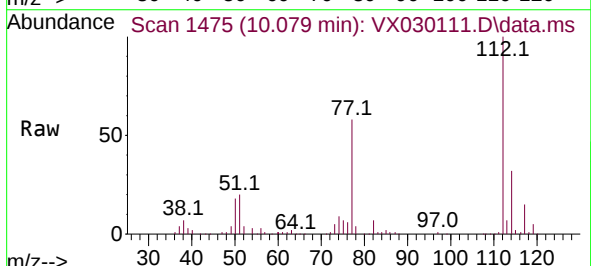
Tgt Ion:112 Resp: 60247

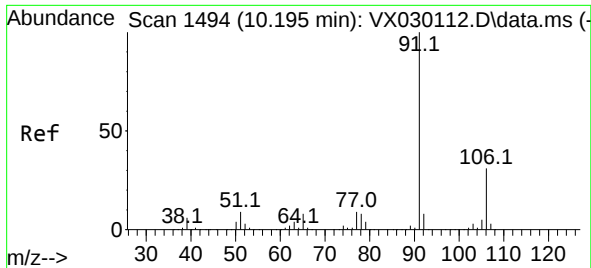
Ion Ratio Lower Upper

112 100

114 31.9 23.4 43.4

77 58.0 46.7 70.1

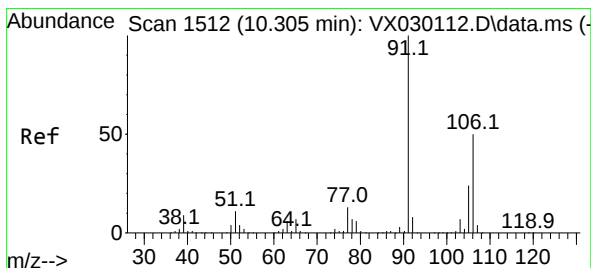
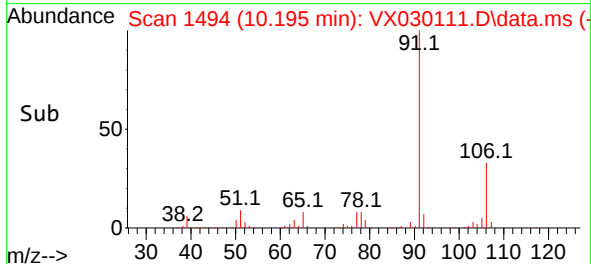
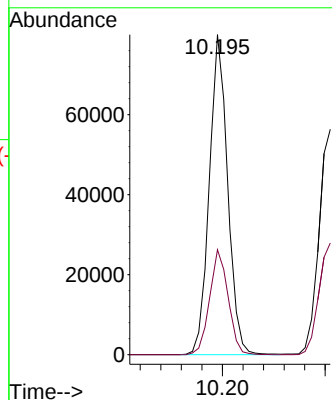
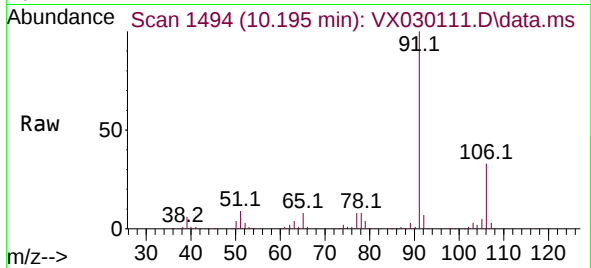




#52
Ethylbenzene
Concen: 10.290 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

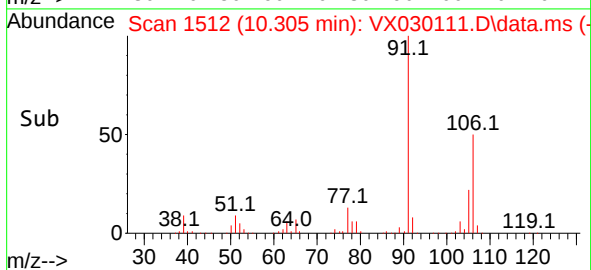
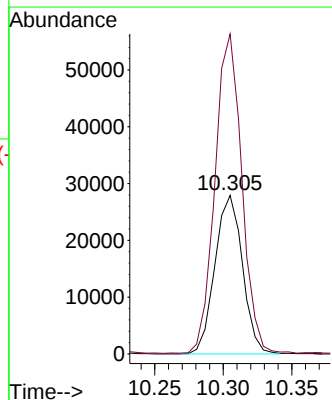
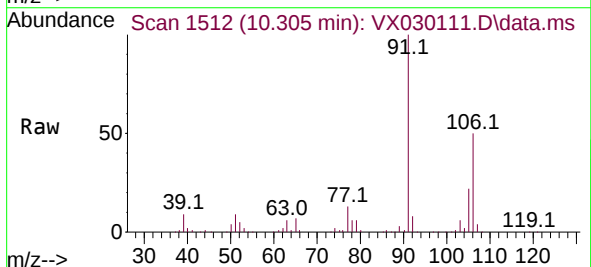
Instrument :
MSVOA_X
ClientSampleId :
VSTD010673

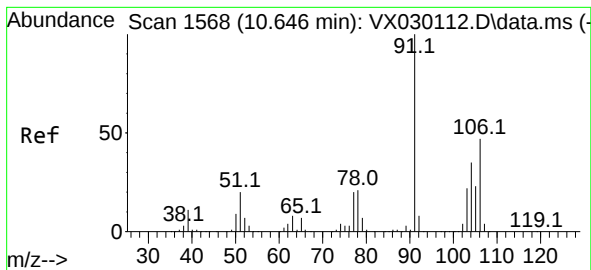
Tgt Ion: 91 Resp: 99386
Ion Ratio Lower Upper
91 100
106 32.8 21.7 40.3



#53
m,p-Xylene
Concen: 10.363 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

Tgt Ion: 106 Resp: 39016
Ion Ratio Lower Upper
106 100
91 201.7 139.7 259.5





#54

o-Xylene

Concen: 10.340 ug/L

RT: 10.646 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VX030111.D

Acq: 19 Jul 2022 12:08

Instrument :

MSVOA_X

ClientSampleId :

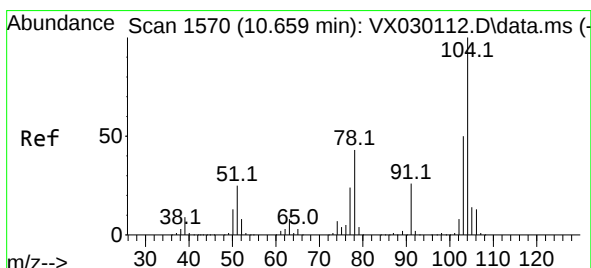
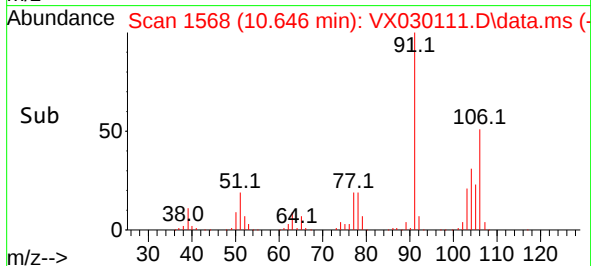
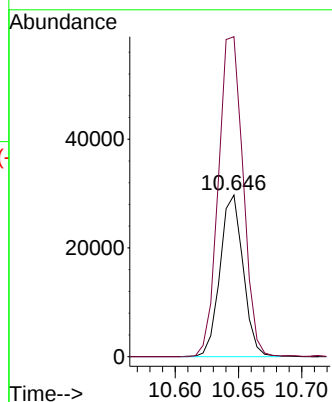
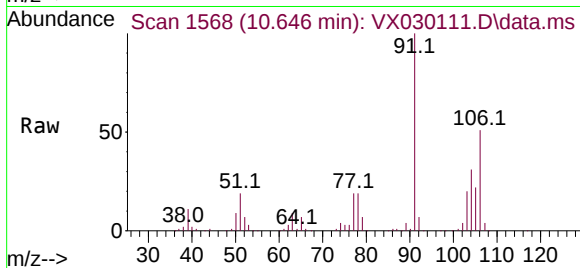
VSTD010673

Tgt Ion:106 Resp: 37803

Ion Ratio Lower Upper

106 100

91 198.0 149.4 277.4



#55

Styrene

Concen: 10.075 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX030111.D

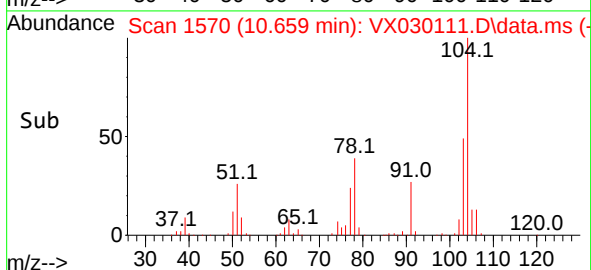
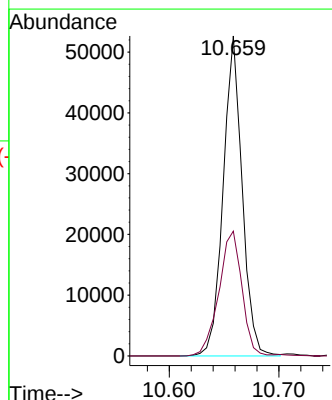
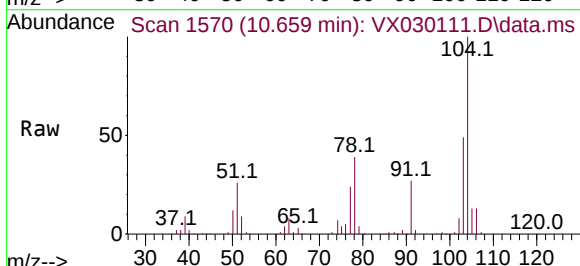
Acq: 19 Jul 2022 12:08

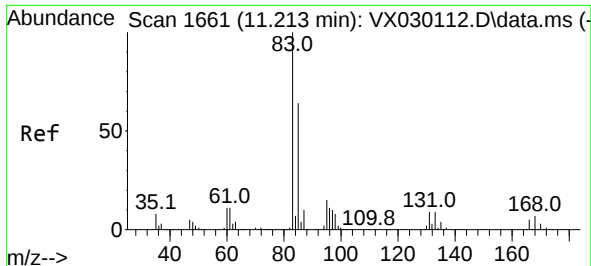
Tgt Ion:104 Resp: 63459

Ion Ratio Lower Upper

104 100

78 39.0 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 10.717 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030111.D

Acq: 19 Jul 2022 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTD010673

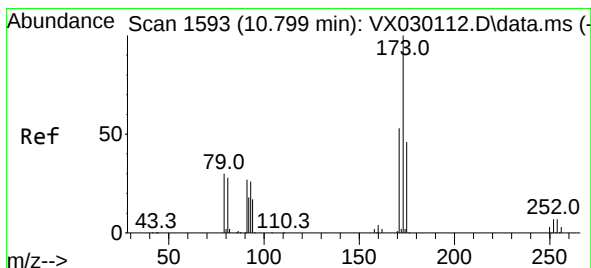
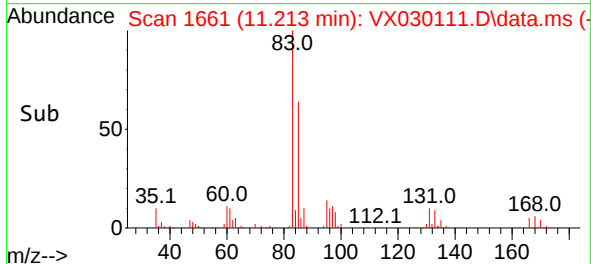
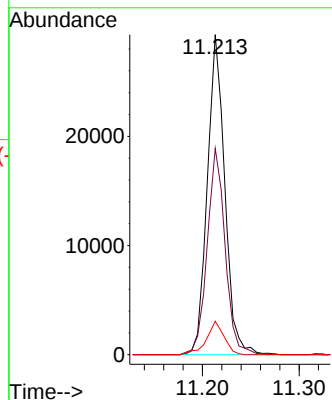
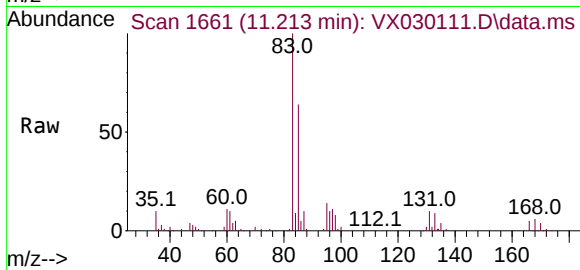
Tgt Ion: 83 Resp: 36967

Ion Ratio Lower Upper

83 100

85 64.4 44.7 83.1

131 10.5 7.2 10.8



#59

Bromoform

Concen: 10.079 ug/L

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX030111.D

Acq: 19 Jul 2022 12:08

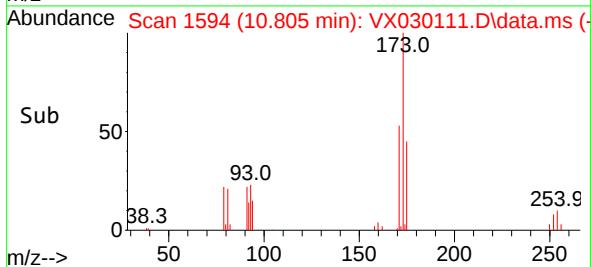
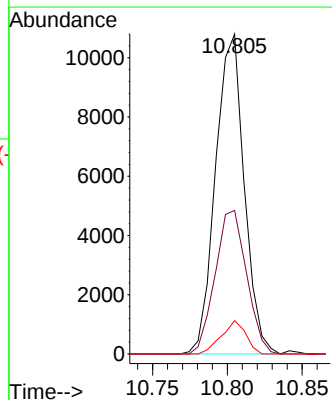
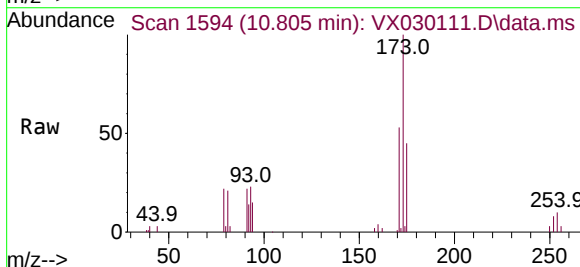
Tgt Ion: 173 Resp: 14395

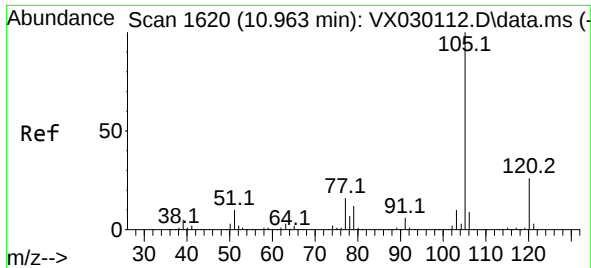
Ion Ratio Lower Upper

173 100

175 49.2 37.8 56.6

254 8.9 6.4 9.6

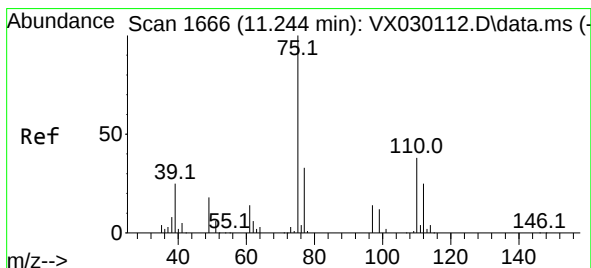
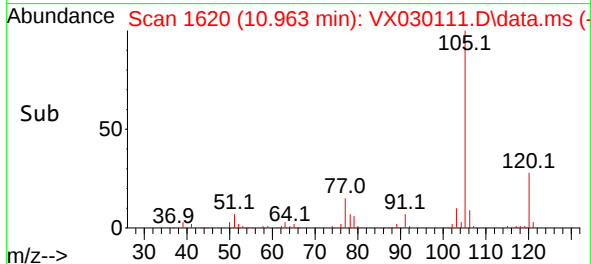
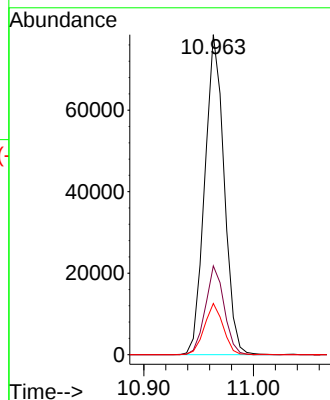
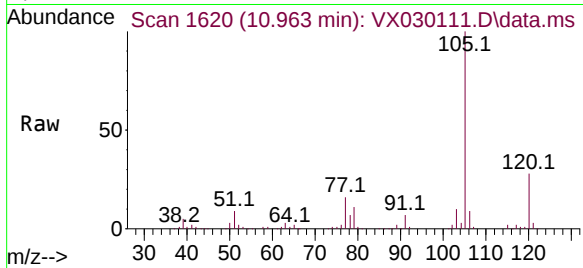




#60
Isopropylbenzene
Concen: 10.742 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

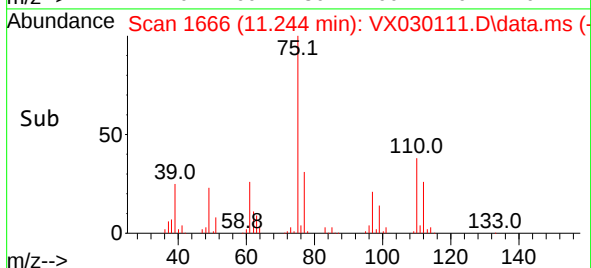
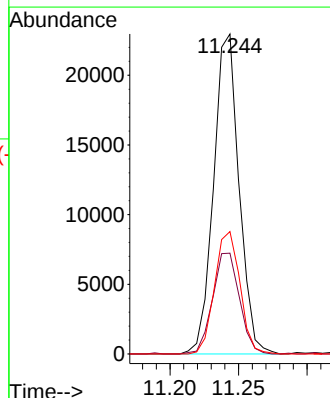
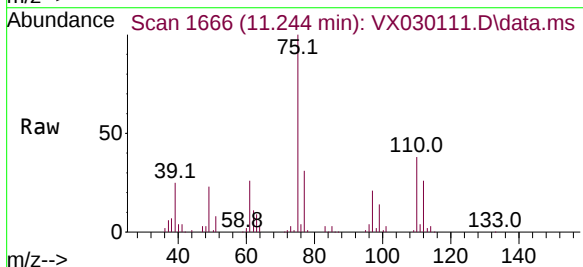
Instrument :
MSVOA_X
ClientSampleId :
VSTD010673

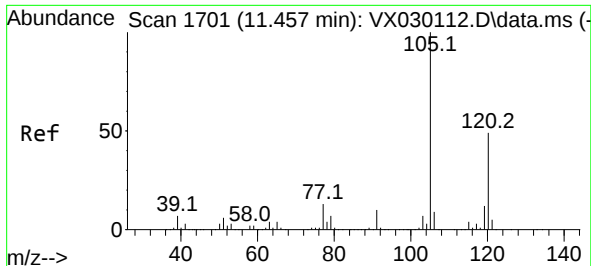
Tgt Ion:105 Resp: 96268
Ion Ratio Lower Upper
105 100
120 26.9 21.1 31.7
77 15.5 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 10.945 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

Tgt Ion: 75 Resp: 29688
Ion Ratio Lower Upper
75 100
77 33.2 25.8 38.8
110 38.1 30.2 45.2





#62

1,3,5-Trimethylbenzene

Concen: 10.630 ug/L

RT: 11.451 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX030111.D

Acq: 19 Jul 2022 12:08

Instrument :

MSVOA_X

ClientSampleId :

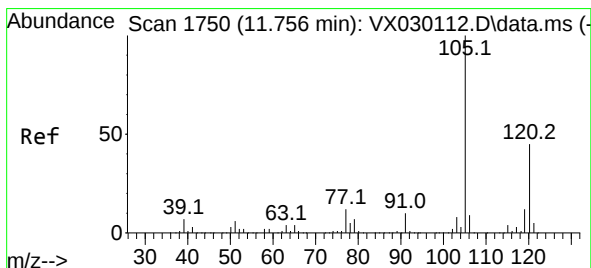
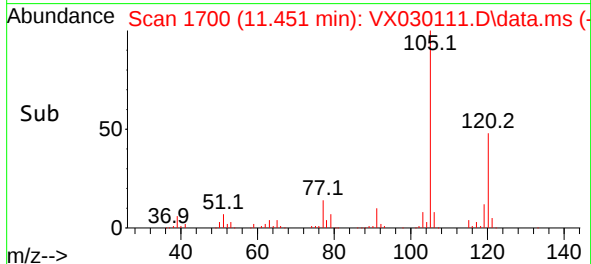
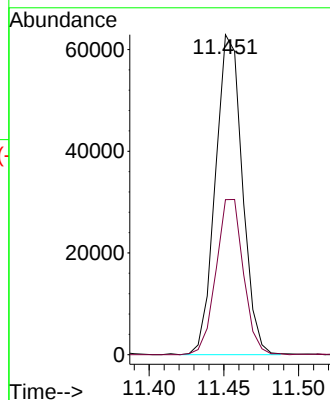
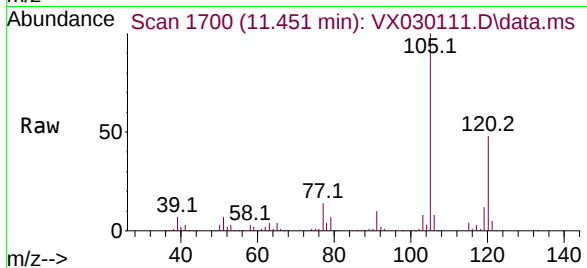
VSTD010673

Tgt Ion:105 Resp: 78724

Ion Ratio Lower Upper

105 100

120 49.3 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 10.477 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX030111.D

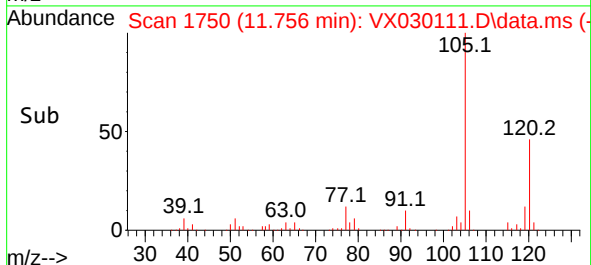
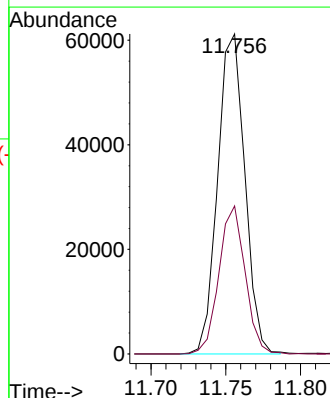
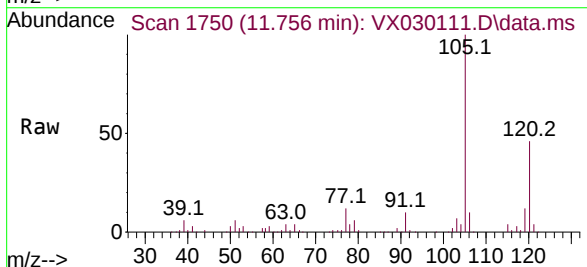
Acq: 19 Jul 2022 12:08

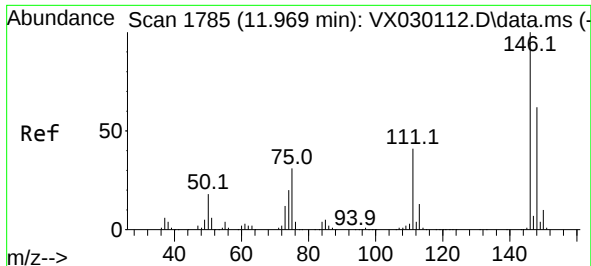
Tgt Ion:105 Resp: 77359

Ion Ratio Lower Upper

105 100

120 44.5 36.2 54.4

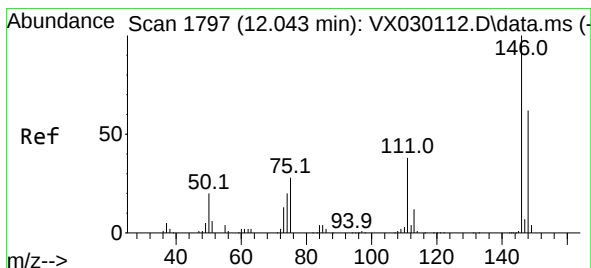
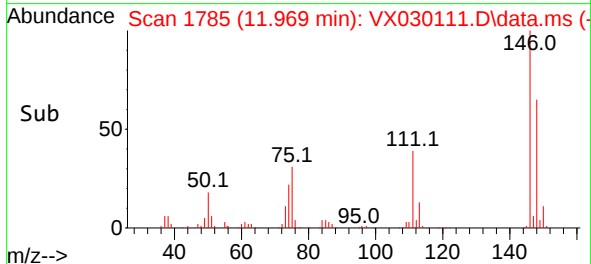
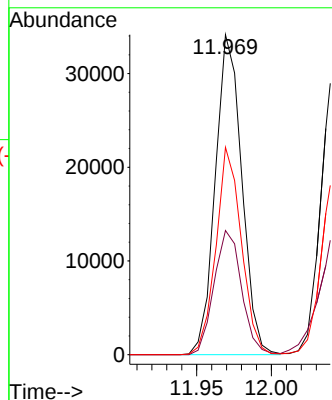
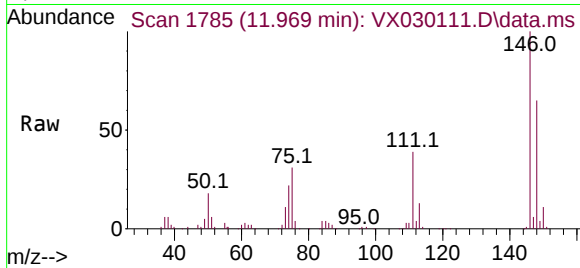




#64
1,3-Dichlorobenzene
Concen: 10.667 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

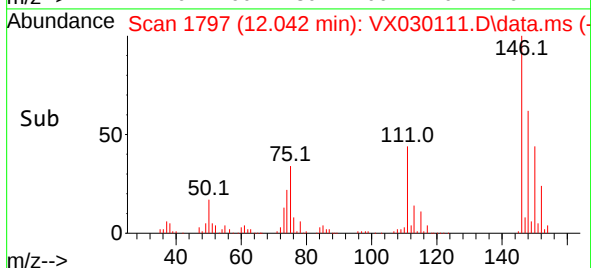
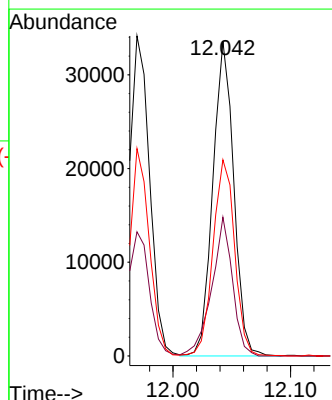
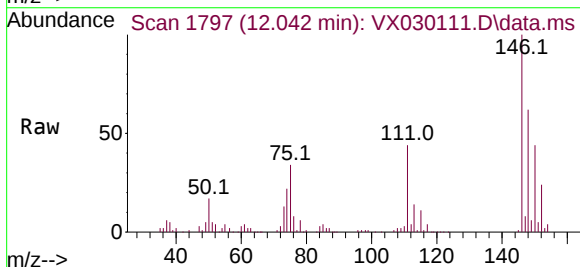
Instrument :
MSVOA_X
ClientSampleId :
VSTD010673

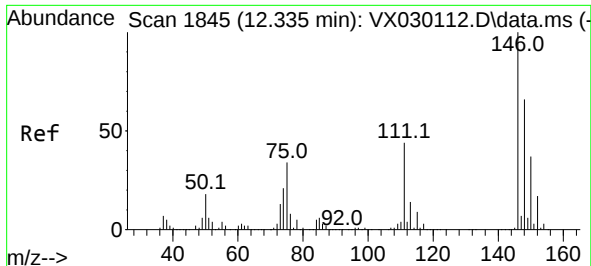
Tgt Ion:146 Resp: 42050
Ion Ratio Lower Upper
146 100
111 38.8 28.4 52.8
148 64.8 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 10.484 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

Tgt Ion:146 Resp: 41549
Ion Ratio Lower Upper
146 100
111 44.1 27.0 50.2
148 62.3 43.8 81.3

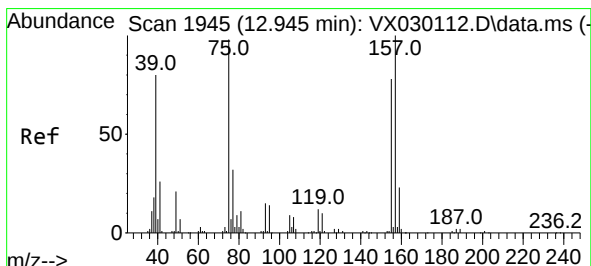
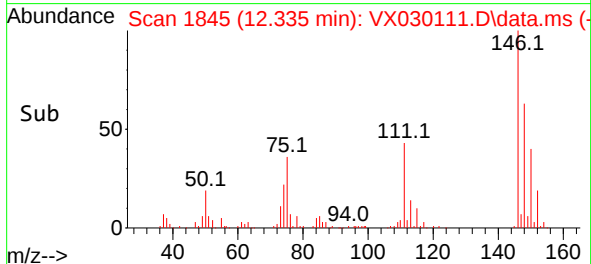
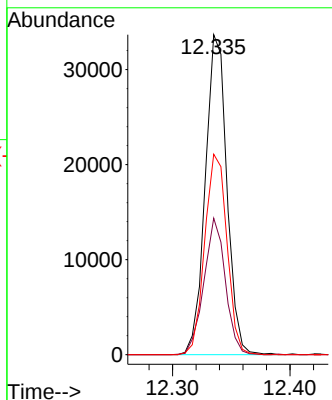
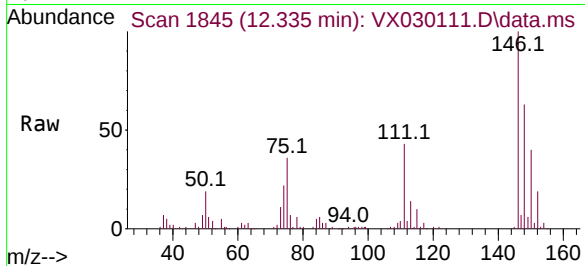




#67
 1,2-Dichlorobenzene
 Concen: 10.719 ug/L
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX030111.D
 Acq: 19 Jul 2022 12:08

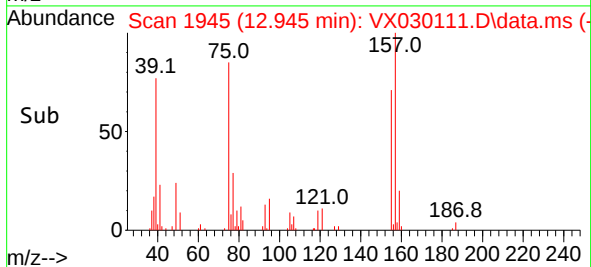
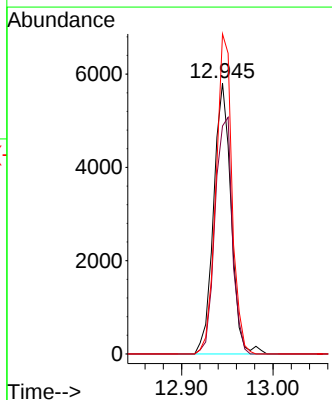
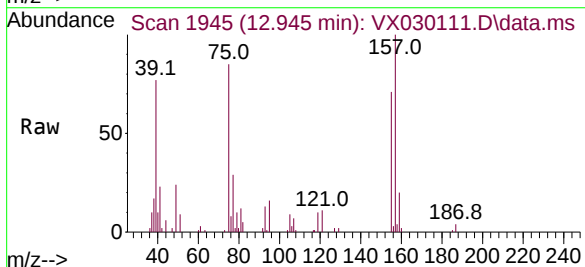
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010673

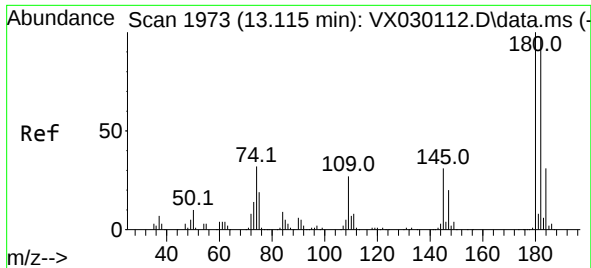
Tgt Ion:146 Resp: 42987
 Ion Ratio Lower Upper
 146 100
 111 42.7 35.4 53.0
 148 62.6 52.5 78.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 9.444 ug/L
 RT: 12.945 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VX030111.D
 Acq: 19 Jul 2022 12:08

Tgt Ion: 75 Resp: 7693
 Ion Ratio Lower Upper
 75 100
 155 84.2 63.6 95.4
 157 118.2 81.8 122.8

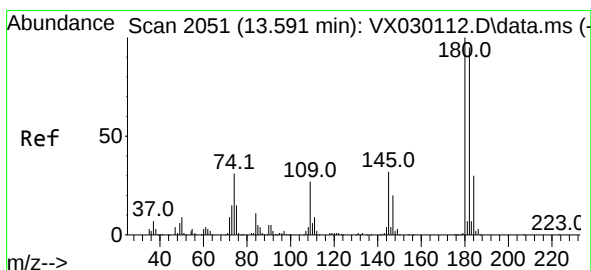
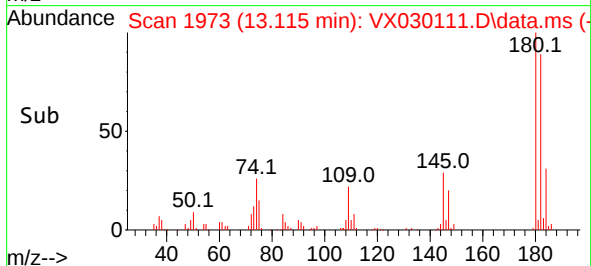
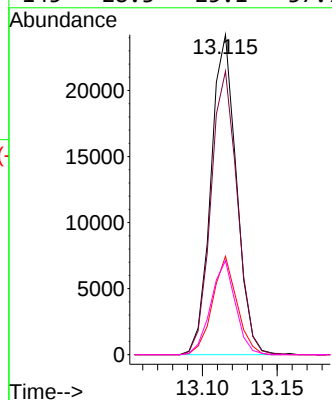
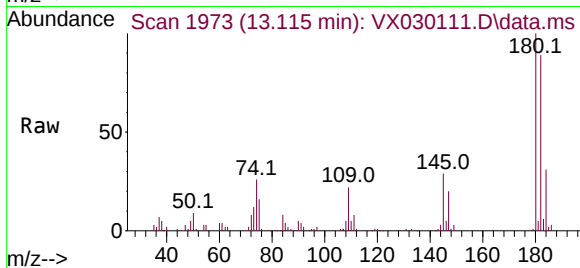




#69
1,3,5-Trichlorobenzene
Concen: 10.776 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

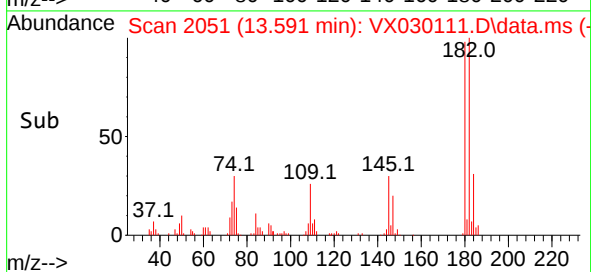
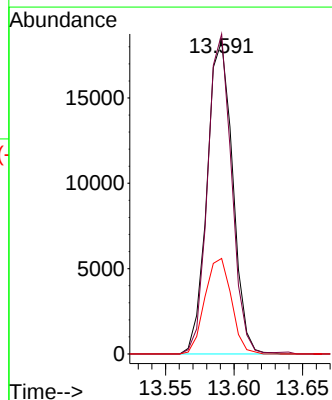
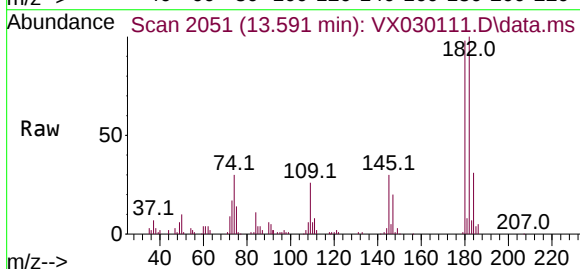
Instrument :
MSVOA_X
ClientSampleId :
VSTD010673

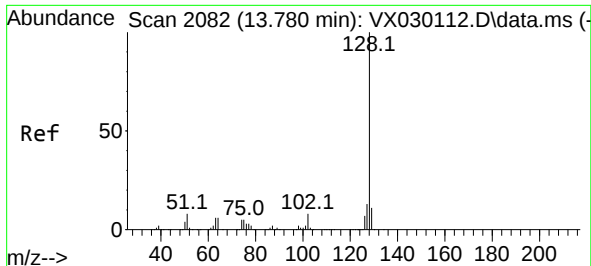
Tgt Ion:180	Resp:	28683
Ion Ratio	Lower	Upper
180	100	
182	91.6	75.1 112.7
184	29.4	23.8 35.6
145	28.3	25.1 37.7



#70
1,2,4-trichlorobenzene
Concen: 10.212 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

Tgt Ion:180	Resp:	23859
Ion Ratio	Lower	Upper
180	100	
182	95.6	75.2 112.8
145	31.6	26.2 39.2

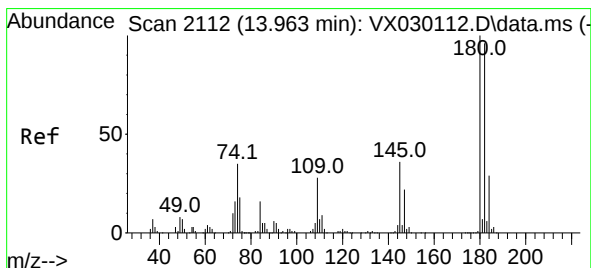
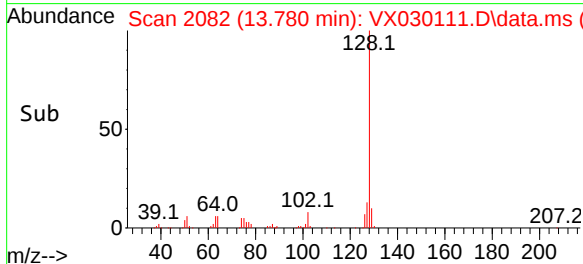
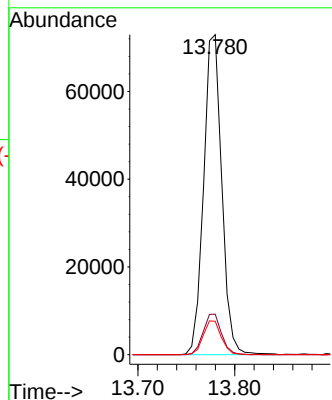
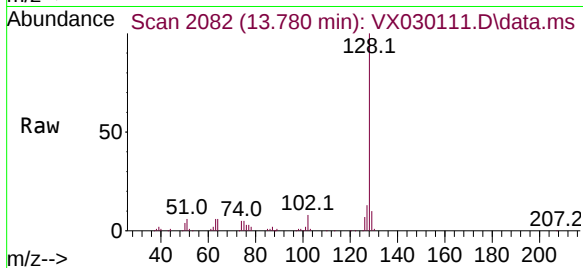




#71
Naphthalene
Concen: 9.975 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTD010673

Tgt Ion:128 Resp: 95343
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 10.477 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030111.D
Acq: 19 Jul 2022 12:08

Tgt Ion:180 Resp: 26005
Ion Ratio Lower Upper
180 100
182 94.0 75.9 113.9
145 33.0 28.0 42.0

