

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081122\
 Data File : VX030564.D
 Acq On : 11 Aug 2022 11:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050777

Quant Time: Aug 12 04:12:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 10 01:21:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	267932	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	241799	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	124814	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	78957	45.889	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.780%
7) Chloroethane-d5	1.666	69	63909	52.689	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.380%
11) 1,1-Dichloroethene-d2	2.306	63	162699	49.989	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.980%
21) 2-Butanone-d5	4.471	46	194773	122.173	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.170%
24) Chloroform-d	5.062	84	197821	55.851	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.700%
26) 1,2-Dichloroethane-d4	5.958	65	134119	55.767	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.540%
32) Benzene-d6	5.976	84	361305	52.165	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.320%
36) 1,2-Dichloropropane-d6	7.312	67	122864	54.675	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.340%
41) Toluene-d8	8.647	98	329182	50.420	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.840%
43) trans-1,3-Dichloroprop...	8.951	79	60658	54.259	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.520%
47) 2-Hexanone-d5	9.384	63	131716	114.993	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.990%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	172978	58.596	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.200%
66) 1,2-Dichlorobenzene-d4	12.323	152	125442	51.816	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	102552	50.866	ug/L	100
3) Chloromethane	1.288	50	77811	44.884	ug/L	98
5) Vinyl chloride	1.374	62	89320	48.236	ug/L	100
6) Bromomethane	1.611	94	29124	33.469	ug/L	100
8) Chloroethane	1.691	64	55510	52.628	ug/L	97
9) Trichlorofluoromethane	1.886	101	144796	52.909	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	87072	53.492	ug/L	98
12) 1,1-Dichloroethene	2.319	96	75551	50.379	ug/L	82
13) Acetone	2.398	43	143629	122.927	ug/L	96
14) Carbon disulfide	2.507	76	229526	47.222	ug/L	100
15) Methyl Acetate	2.709	43	126502	52.307	ug/L	97
16) Methylene chloride	2.788	84	96601	50.801	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	88078	50.696	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	313942	53.136	ug/L	99
19) 1,1-Dichloroethane	3.611	63	179844	53.521	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	101013	51.685	ug/L	99
22) 2-Butanone	4.568	43	199664	108.325	ug/L	99
23) Bromochloromethane	4.897	128	49675	50.684	ug/L	94
25) Chloroform	5.098	83	191026	54.106	ug/L	96

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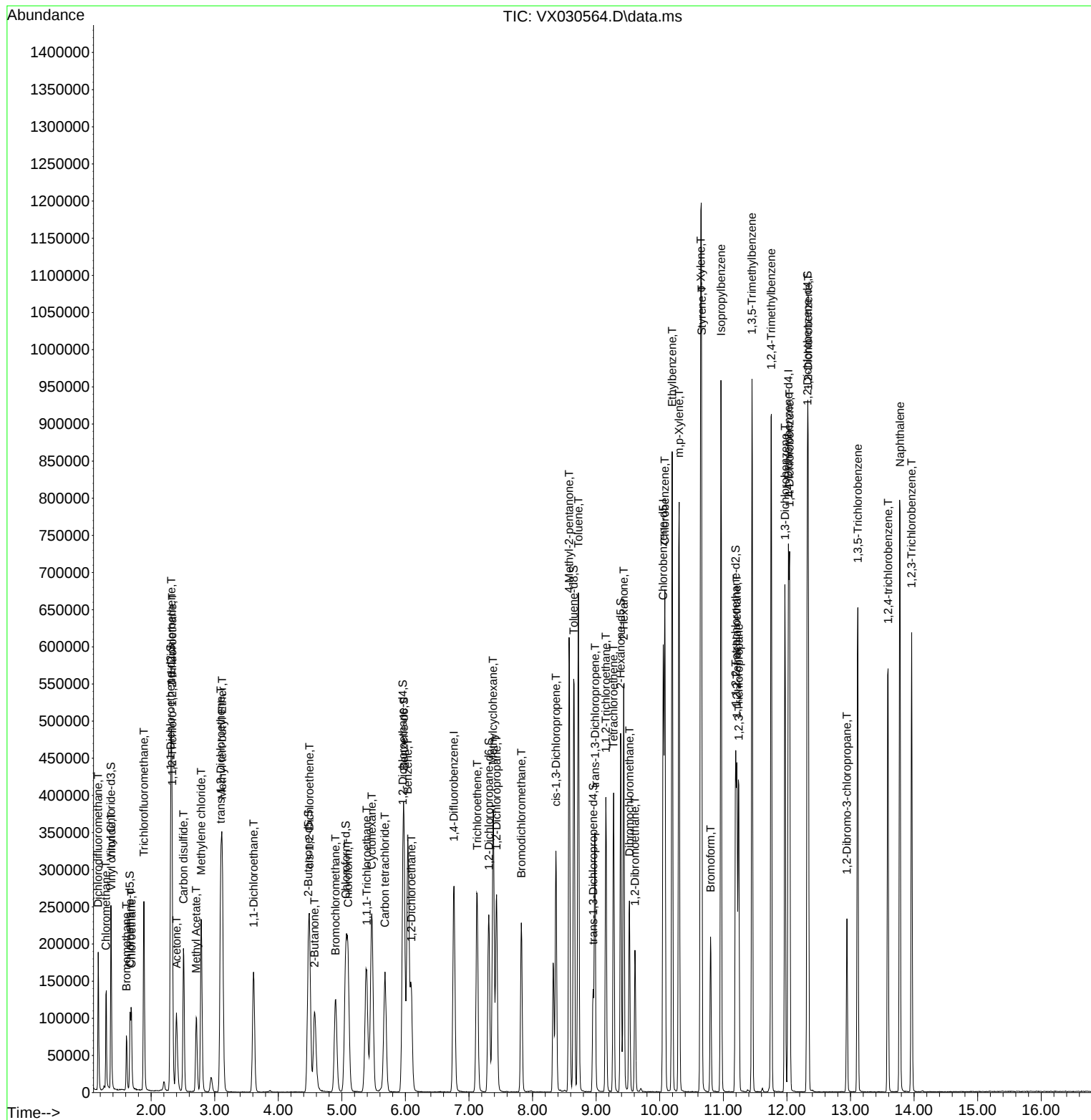
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	157680	53.660	ug/L	98
29) Cyclohexane	5.470	56	161011	50.089	ug/L	97
30) 1,1,1-Trichloroethane	5.391	97	164072	51.442	ug/L	99
31) Carbon tetrachloride	5.678	117	138038	52.438	ug/L	100
33) Benzene	6.037	78	392761	50.662	ug/L	100
34) Trichloroethene	7.129	95	104324	46.462	ug/L	87
35) Methylcyclohexane	7.379	83	161946	49.544	ug/L	98
37) 1,2-Dichloropropane	7.433	63	105484	51.174	ug/L	99
38) Bromodichloromethane	7.824	83	145492	53.331	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	162019	52.691	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	376737	104.952	ug/L	98
42) Toluene	8.720	91	414183	50.573	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	159235	52.909	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	98977	51.639	ug/L	99
46) Tetrachloroethene	9.275	164	69471	48.956	ug/L	99
48) 2-Hexanone	9.433	43	304265	109.093	ug/L	98
49) Dibromochloromethane	9.525	129	104251	51.125	ug/L	99
50) 1,2-Dibromoethane	9.610	107	105054	49.841	ug/L	96
51) Chlorobenzene	10.079	112	261117	51.177	ug/L	98
52) Ethylbenzene	10.195	91	464735	52.043	ug/L	99
53) m,p-Xylene	10.305	106	172039	51.688	ug/L	95
54) o-Xylene	10.646	106	169197	51.015	ug/L	97
55) Styrene	10.658	104	292224	52.328	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	161900	55.514	ug/L	99
59) Bromoform	10.799	173	69889	51.420	ug/L	99
60) Isopropylbenzene	10.963	105	457106	51.667	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	137768	51.398	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	400267	52.993	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	391403	51.312	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	190328	49.488	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	193202	49.417	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	203252	51.105	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	47120	53.292	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	140003	51.909	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	120367	50.817	ug/L	94
71) Naphthalene	13.780	128	484892	49.454	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	124531	49.772	ug/L	99

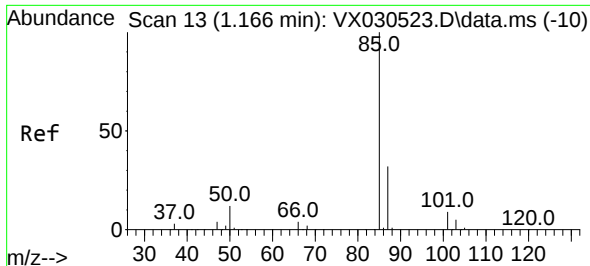
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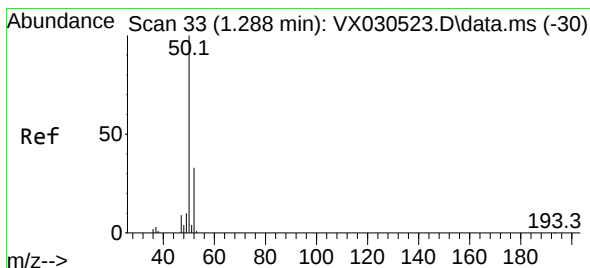
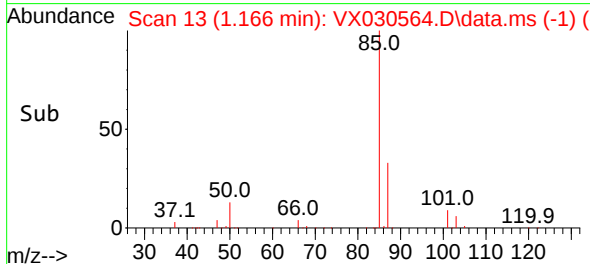
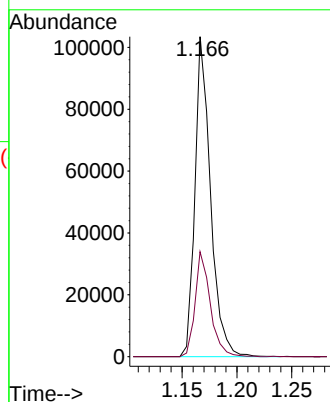
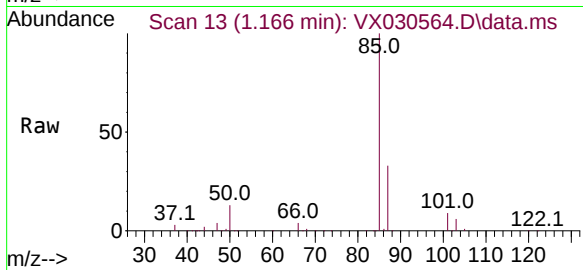




#2
 Dichlorodifluoromethane
 Concen: 50.866 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030564.D
 Acq: 11 Aug 2022 11:16

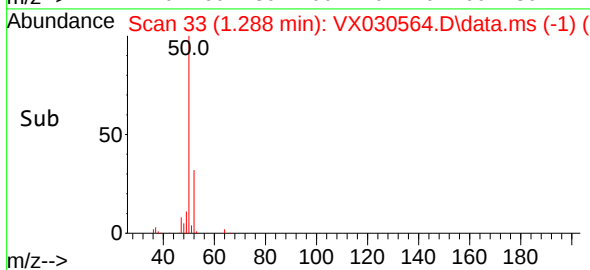
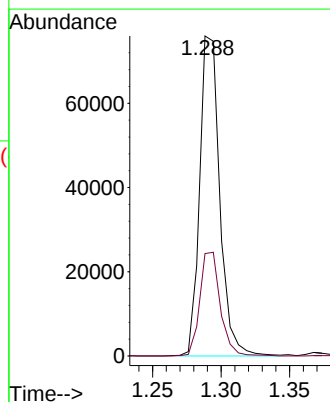
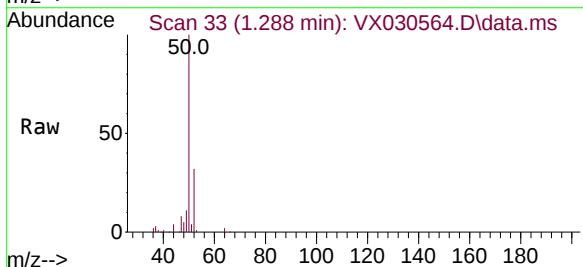
Instrument :
 MSVOA_X
 ClientSampleId :
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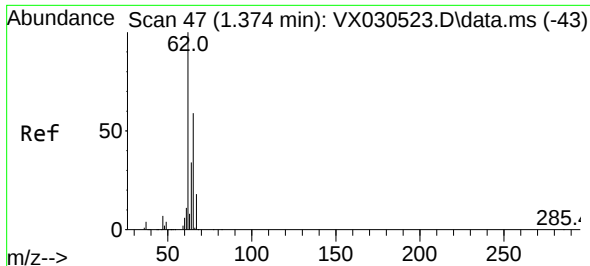
Tgt Ion: 85 Resp: 102552
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.6 38.4



#3
 Chloromethane
 Concen: 44.884 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.000 min
 Lab File: VX030564.D
 Acq: 11 Aug 2022 11:16

Tgt Ion: 50 Resp: 77811
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.3 43.3

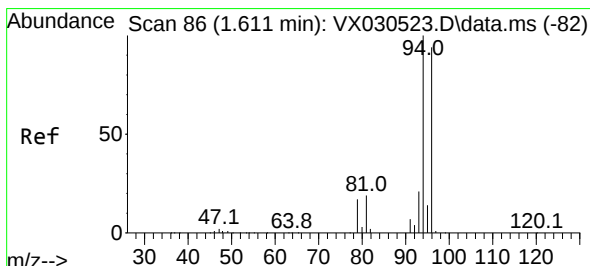
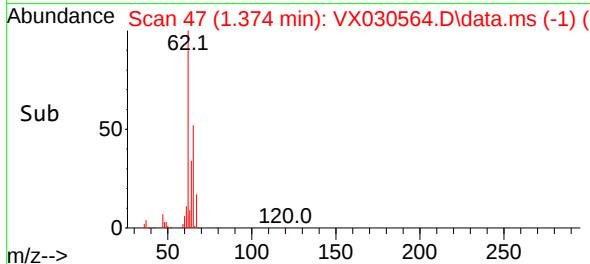
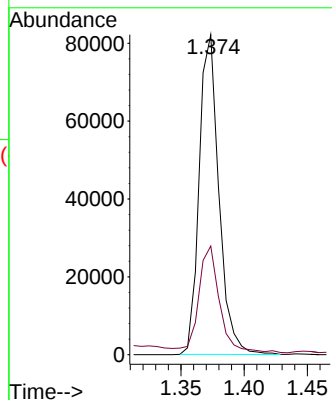
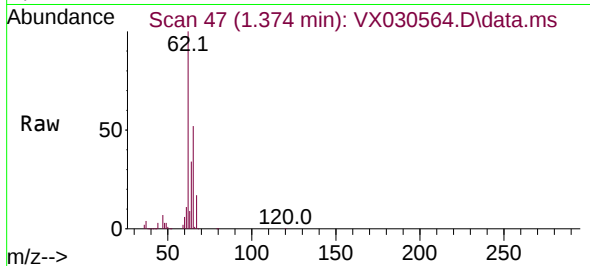




#5
 Vinyl chloride
 Concen: 48.236 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030564.D
 Acq: 11 Aug 2022 11:16

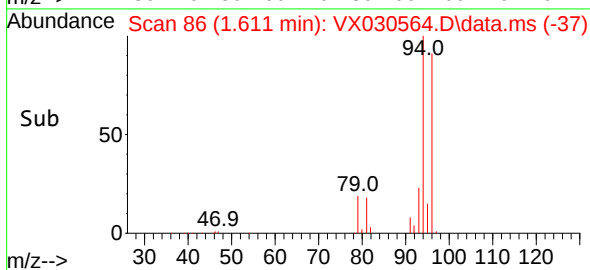
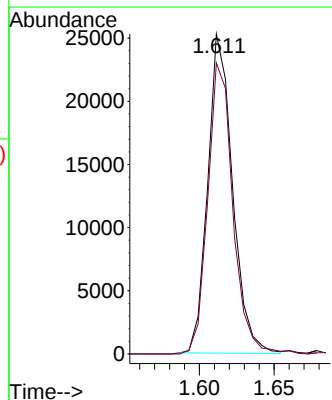
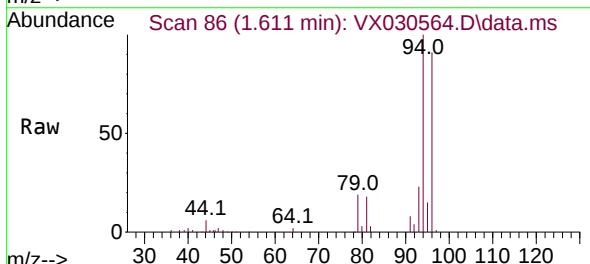
Instrument :
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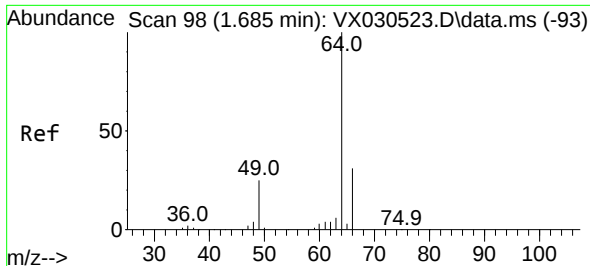
Tgt Ion: 62 Resp: 89320
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.8 44.2



#6
 Bromomethane
 Concen: 33.469 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX030564.D
 Acq: 11 Aug 2022 11:16

Tgt Ion: 94 Resp: 29124
 Ion Ratio Lower Upper
 94 100
 96 91.0 63.8 118.6

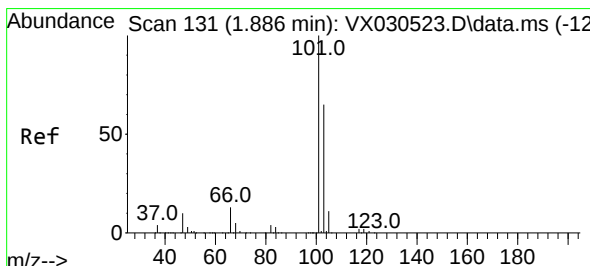
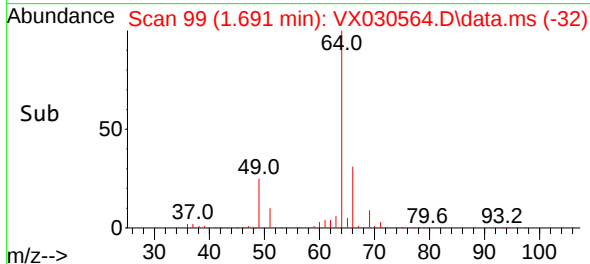
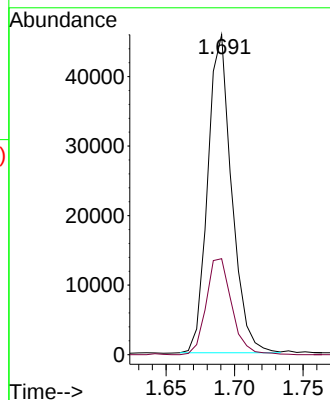
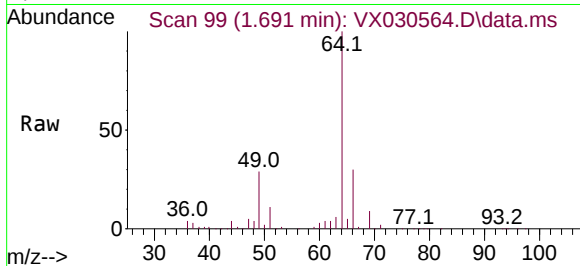




#8
Chloroethane
Concen: 52.628 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

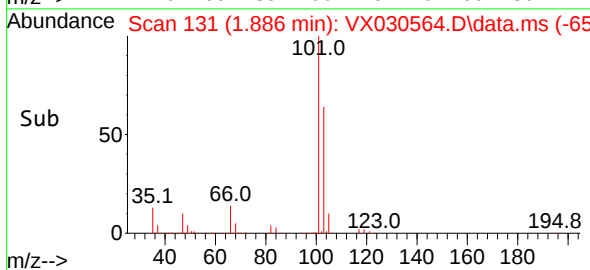
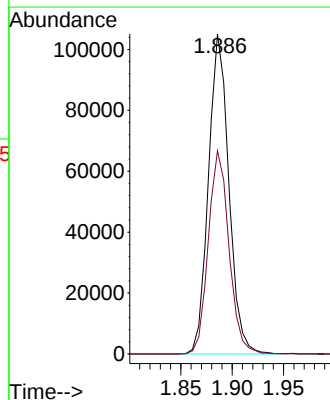
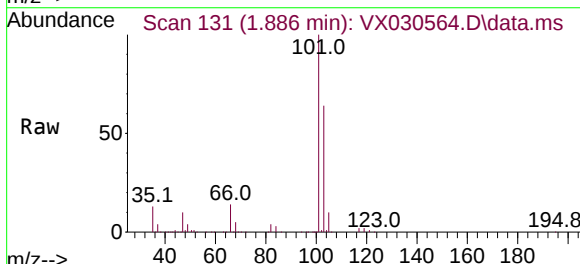
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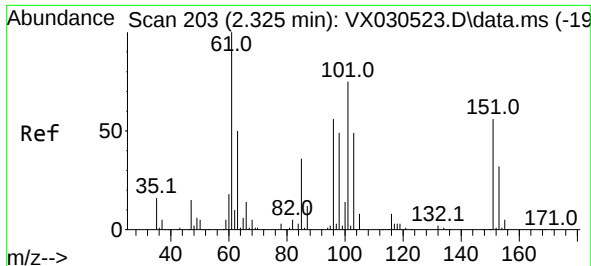
Tgt Ion: 64 Resp: 55510
Ion Ratio Lower Upper
64 100
66 30.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 52.909 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

Tgt Ion:101 Resp: 144796
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

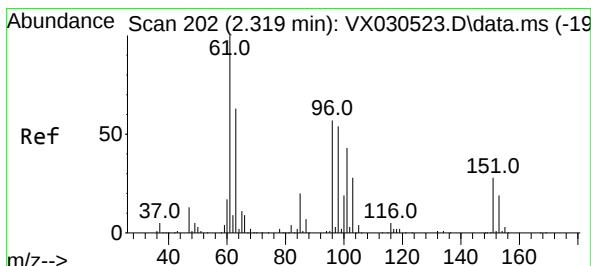
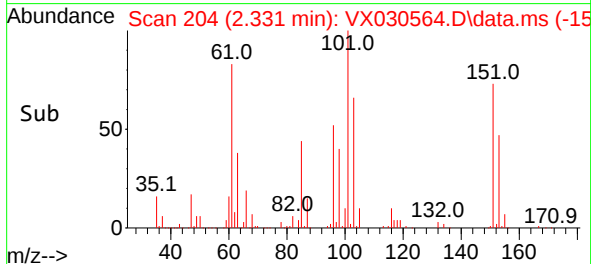
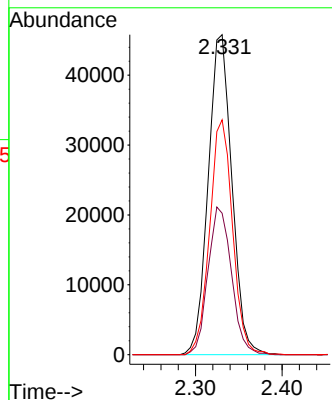
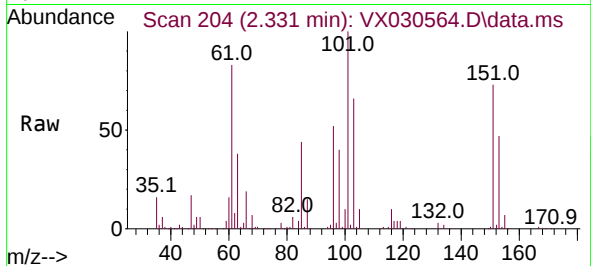




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.492 ug/L
 RT: 2.331 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX030564.D
 Acq: 11 Aug 2022 11:16

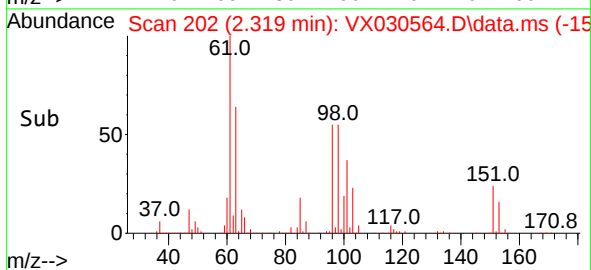
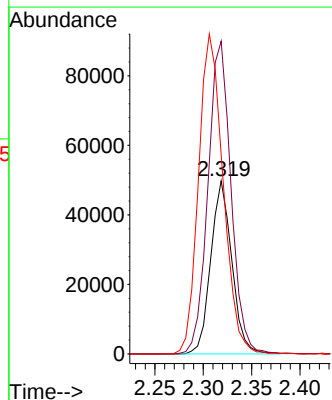
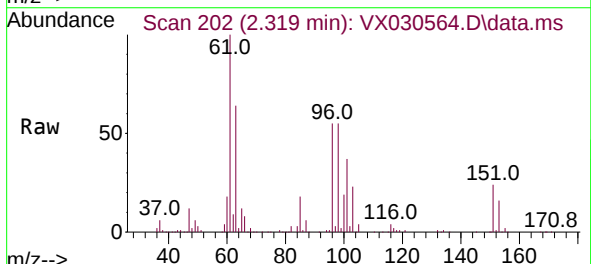
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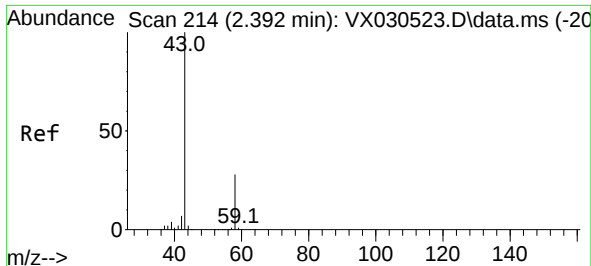
Tgt Ion:101 Resp: 87072
 Ion Ratio Lower Upper
 101 100
 85 45.7 35.3 52.9
 151 70.9 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 50.379 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX030564.D
 Acq: 11 Aug 2022 11:16

Tgt Ion: 96 Resp: 75551
 Ion Ratio Lower Upper
 96 100
 61 180.8 130.2 241.8
 63 115.2 113.5 210.9





#13

Acetone

Concen: 122.927 ug/L

RT: 2.398 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX030564.D

Acq: 11 Aug 2022 11:16

Instrument :

MSVOA_X

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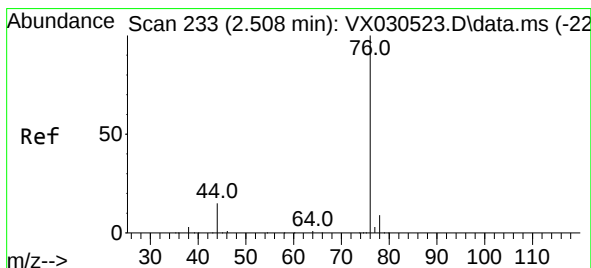
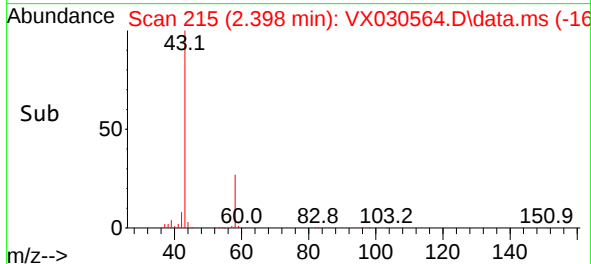
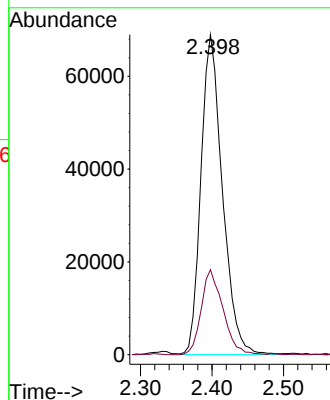
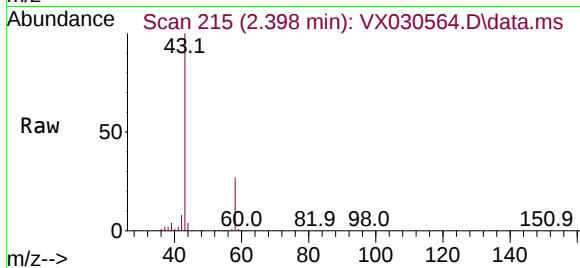
VSTD050777

Tgt Ion: 43 Resp: 143629

Ion Ratio Lower Upper

43 100

58 26.8 0.0 57.8



#14

Carbon disulfide

Concen: 47.222 ug/L

RT: 2.507 min Scan# 233

Delta R.T. -0.000 min

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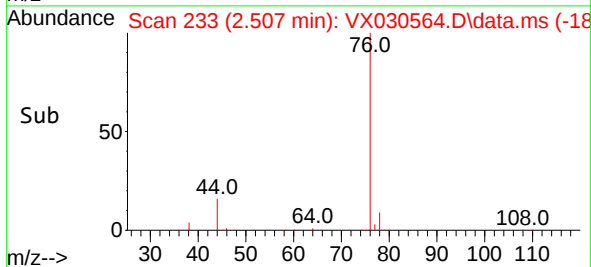
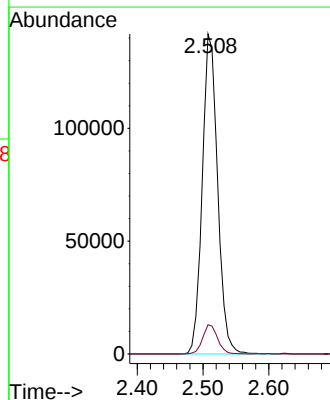
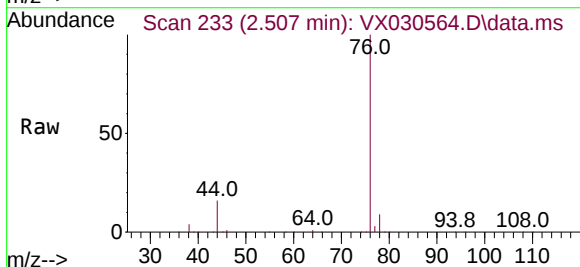
Acq: 11 Aug 2022 11:16

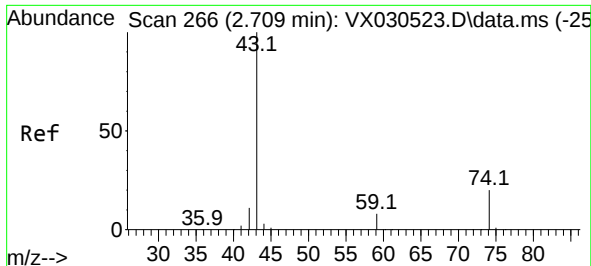
Tgt Ion: 76 Resp: 229526

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

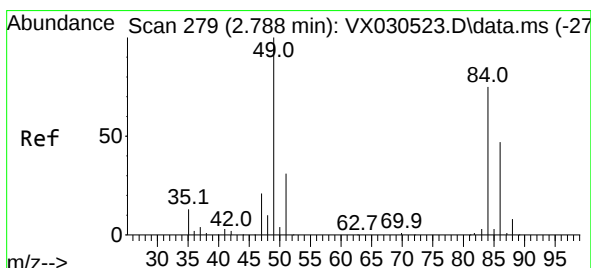
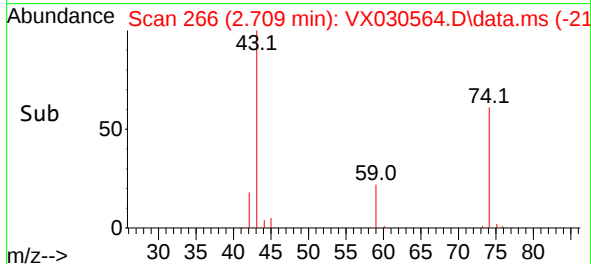
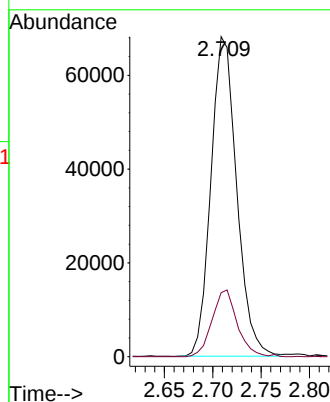
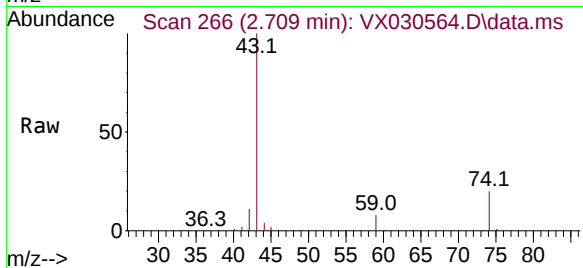




#15
Methyl Acetate
Concen: 52.307 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

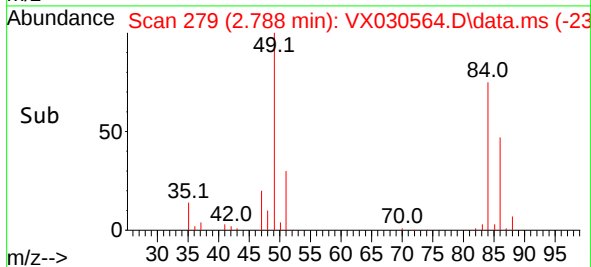
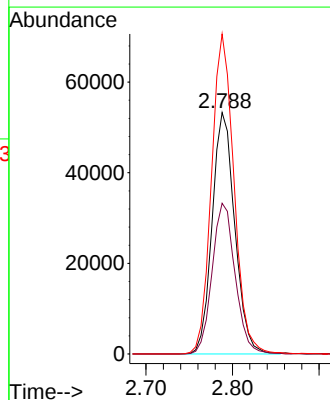
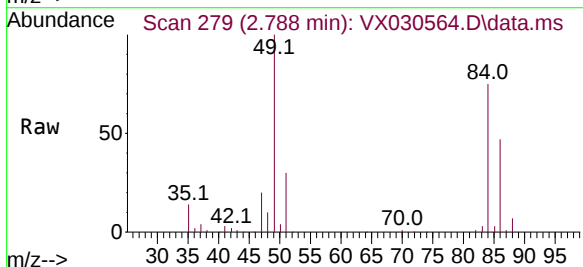
Instrument :
MSVOA_X
ClientSampleId :
VSTD050777

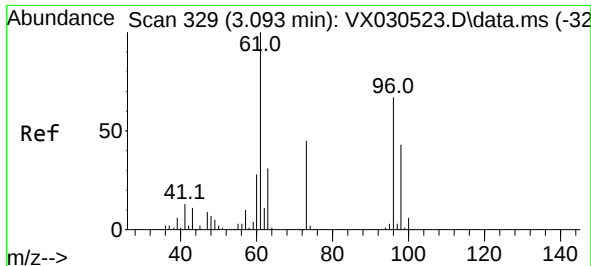
Tgt Ion: 43 Resp: 126502
Ion Ratio Lower Upper
43 100
74 20.2 17.2 25.8



#16
Methylene chloride
Concen: 50.801 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

Tgt Ion: 84 Resp: 96601
Ion Ratio Lower Upper
84 100
86 62.4 44.2 82.2
49 132.6 89.0 165.2

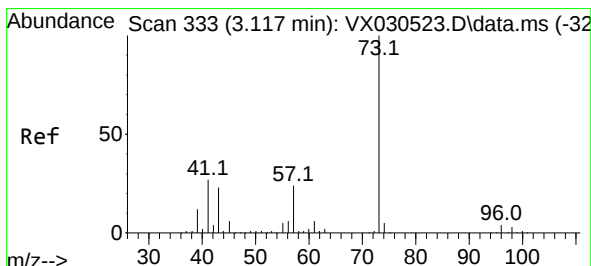
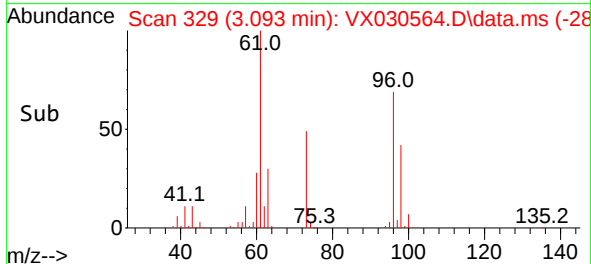
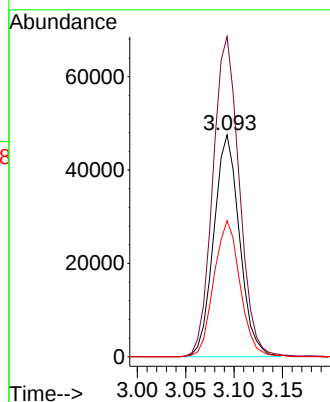
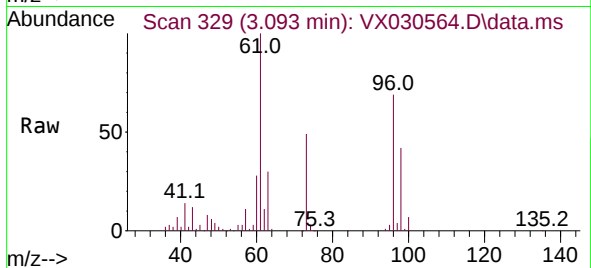




#17
trans-1,2-Dichloroethene
Concen: 50.696 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

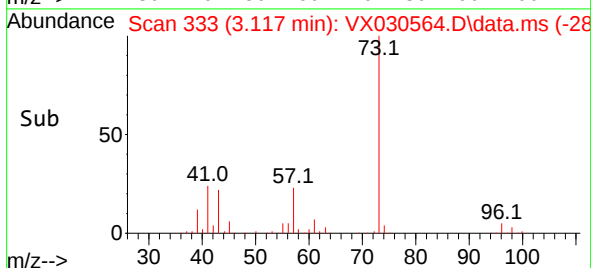
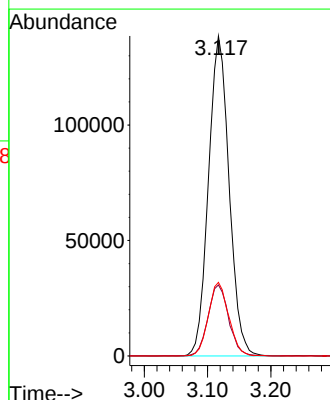
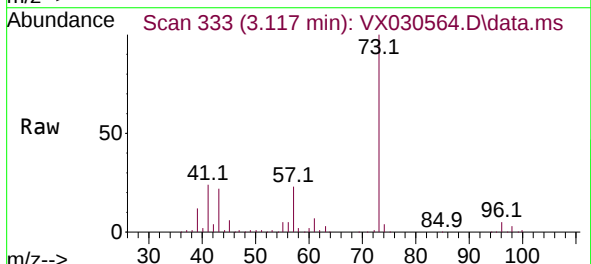
Instrument :
MSVOA_X
ClientSampleId :
VSTD050777

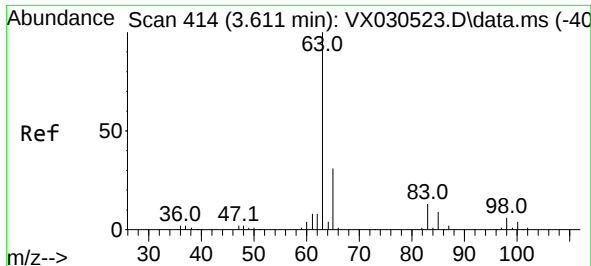
Tgt Ion: 96 Resp: 88078
Ion Ratio Lower Upper
96 100
61 144.3 103.7 192.5
98 61.3 41.5 77.1



#18
Methyl tert-butyl Ether
Concen: 53.136 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

Tgt Ion: 73 Resp: 313942
Ion Ratio Lower Upper
73 100
43 22.3 17.6 26.4
57 22.6 17.5 26.3





#19

1,1-Dichloroethane

Concen: 53.521 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX030564.D

Acq: 11 Aug 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTD050777

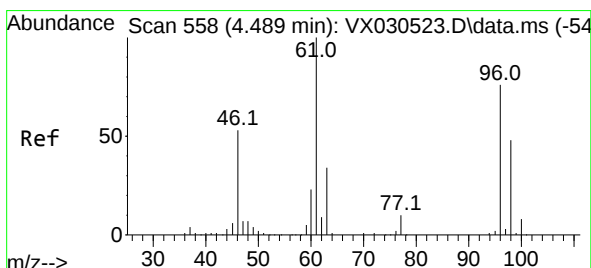
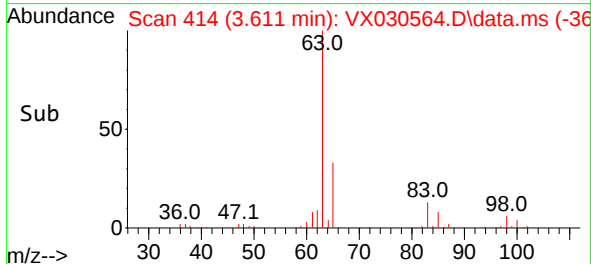
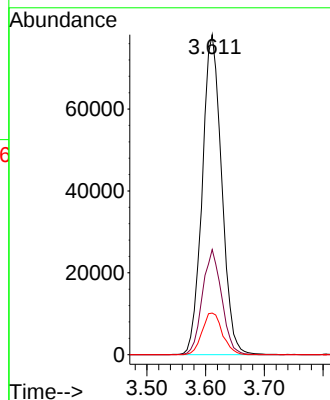
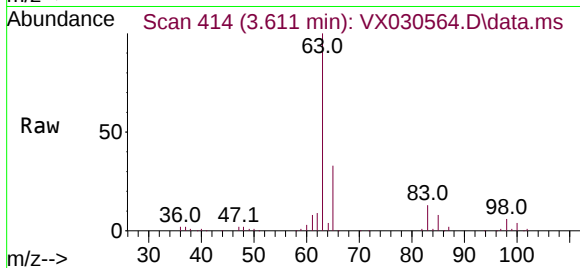
Tgt Ion: 63 Resp: 179844

Ion Ratio Lower Upper

63 100

65 32.8 22.0 40.8

83 13.0 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 51.685 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX030564.D

Acq: 11 Aug 2022 11:16

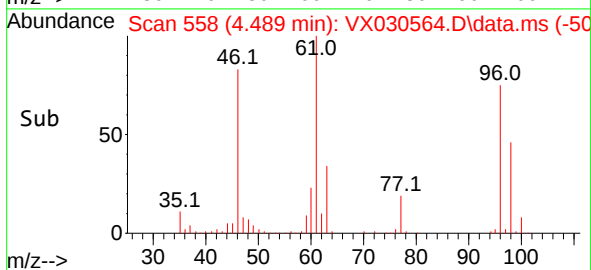
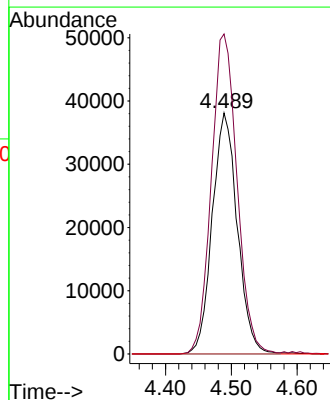
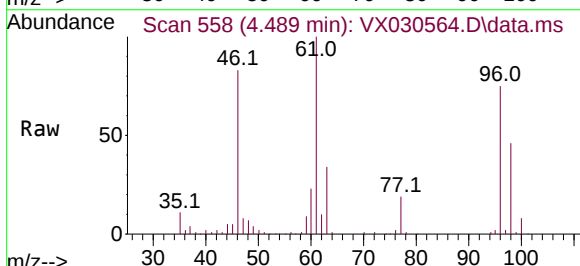
Tgt Ion: 96 Resp: 101013

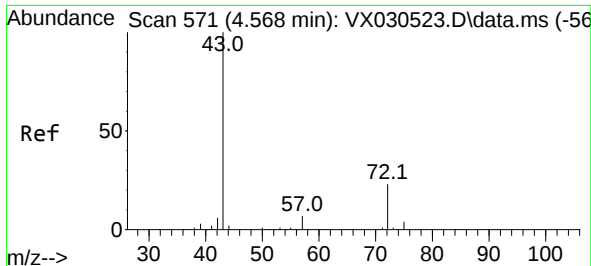
Ion Ratio Lower Upper

96 100

61 132.8 94.0 174.6

68 0.0 0.0 0.0

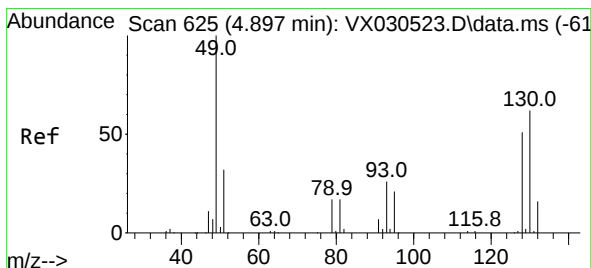
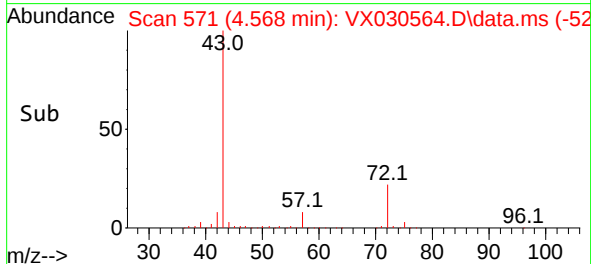
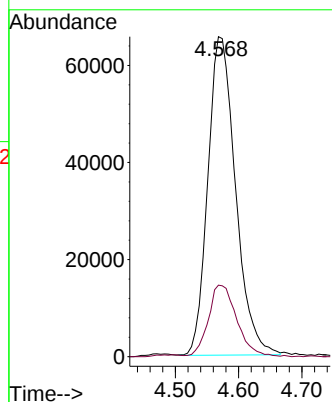
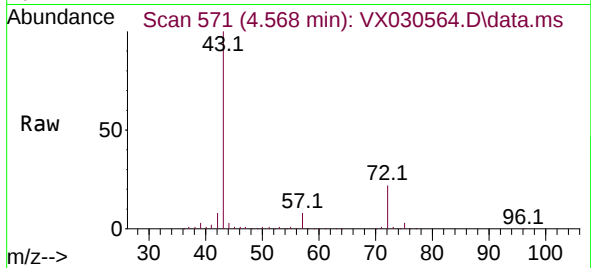




#22
2-Butanone
Concen: 108.325 ug/L
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

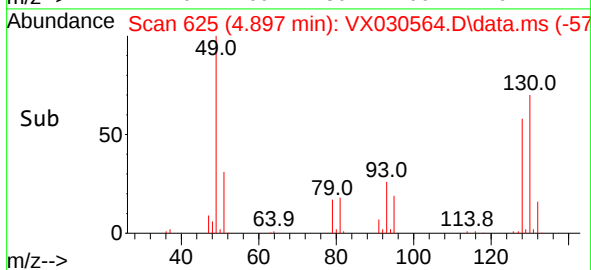
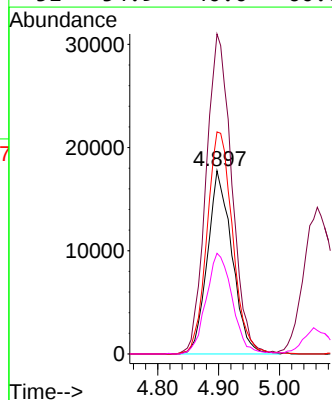
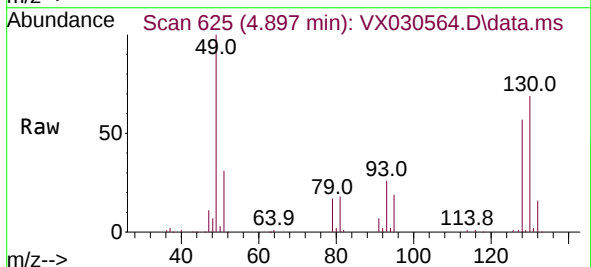
Instrument :
MSVOA_X
ClientSampleId :
VSTD050777

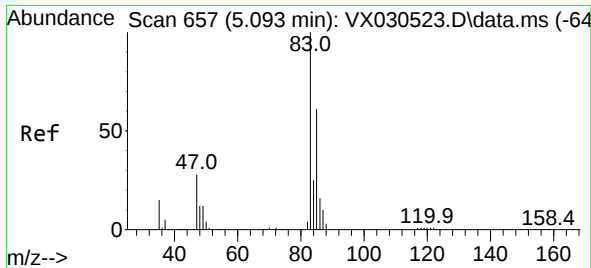
Tgt Ion: 43 Resp: 199664
Ion Ratio Lower Upper
43 100
72 23.1 11.7 35.1



#23
Bromochloromethane
Concen: 50.684 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

Tgt Ion:128 Resp: 49675
Ion Ratio Lower Upper
128 100
49 174.6 116.8 216.8
130 121.2 90.3 167.7
51 54.9 40.0 60.0

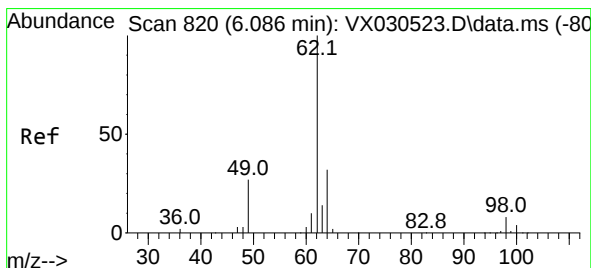
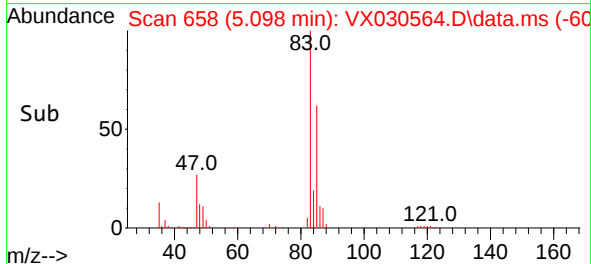
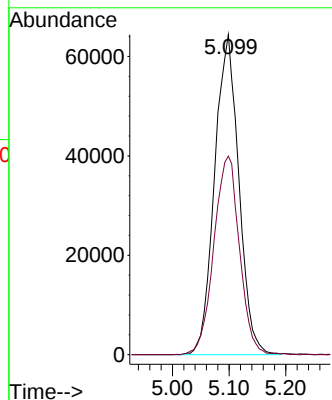
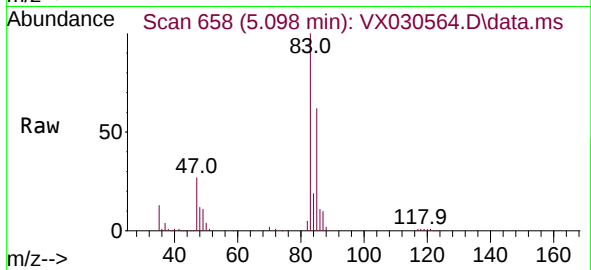




#25
Chloroform
Concen: 54.106 ug/L
RT: 5.098 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

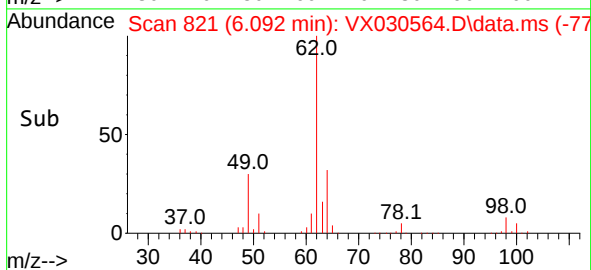
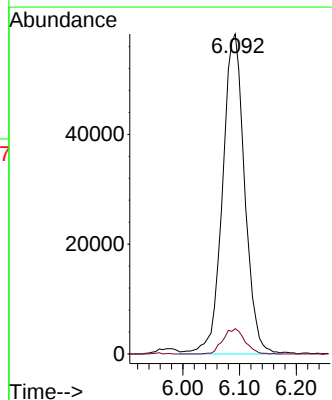
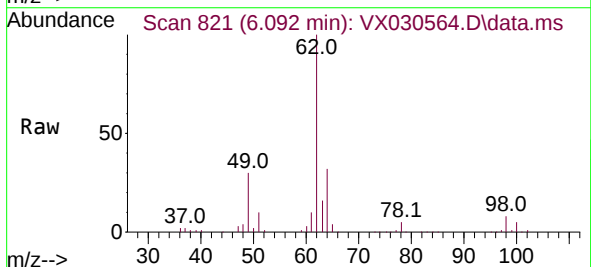
Instrument :
MSVOA_X
ClientSampleId :
VSTD050777

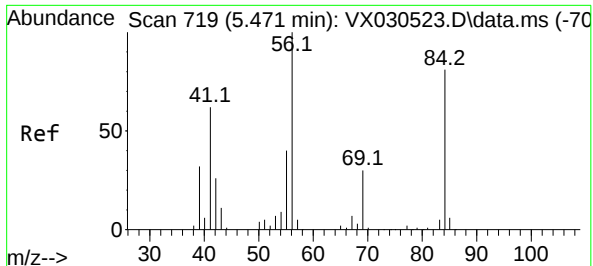
Tgt Ion: 83 Resp: 191026
Ion Ratio Lower Upper
83 100
85 62.0 45.6 84.6



#27
1,2-Dichloroethane
Concen: 53.660 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

Tgt Ion: 62 Resp: 157680
Ion Ratio Lower Upper
62 100
98 7.9 7.0 10.6





#29

Cyclohexane

Concen: 50.089 ug/L

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX030564.D

Acq: 11 Aug 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTD050777

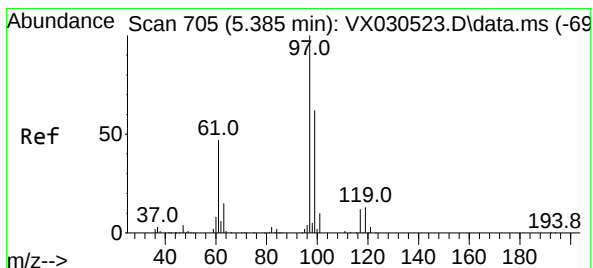
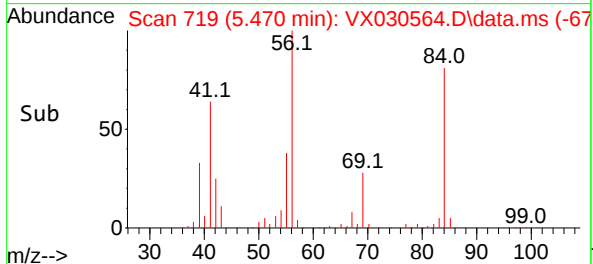
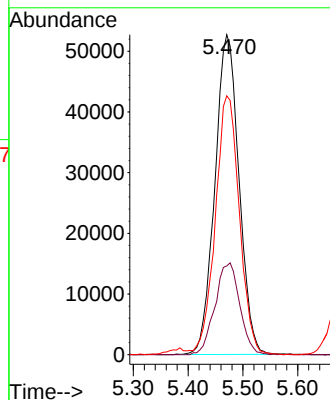
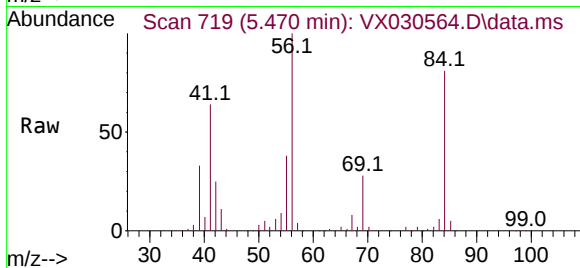
Tgt Ion: 56 Resp: 161011

Ion Ratio Lower Upper

56 100

69 29.5 24.3 36.5

84 80.7 66.7 100.1



#30

1,1,1-Trichloroethane

Concen: 51.442 ug/L

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030564.D

Acq: 11 Aug 2022 11:16

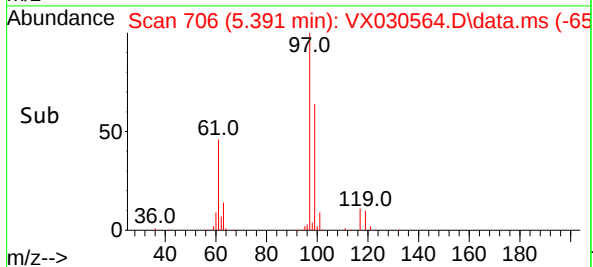
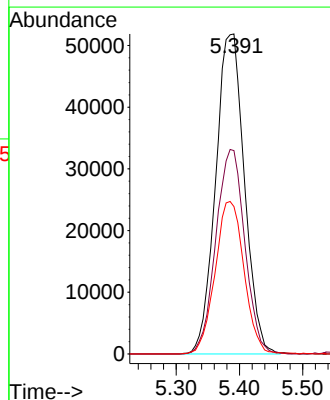
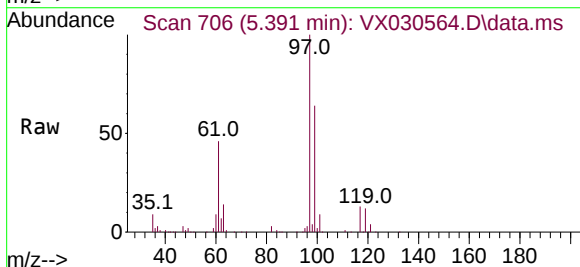
Tgt Ion: 97 Resp: 164072

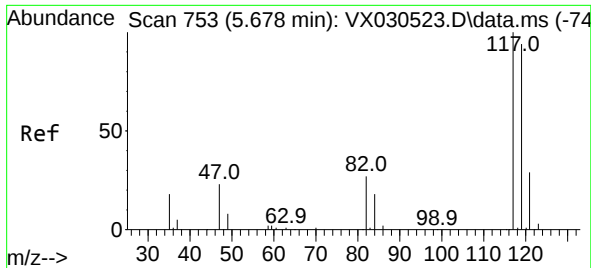
Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.0

61 47.8 37.0 55.6

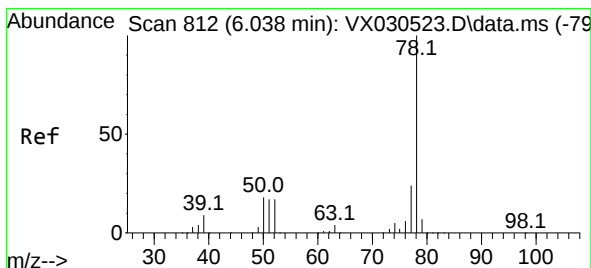
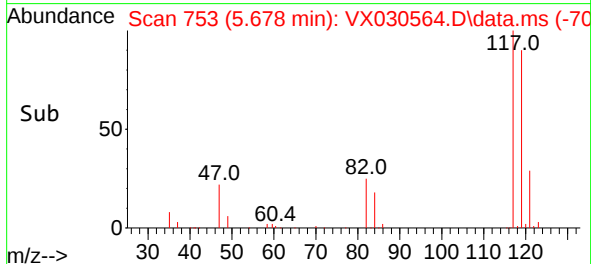
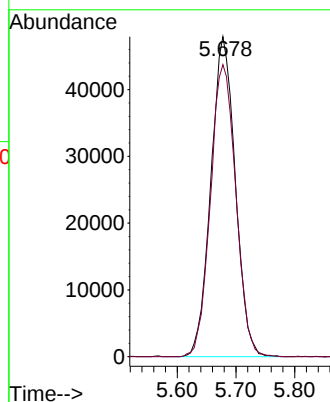
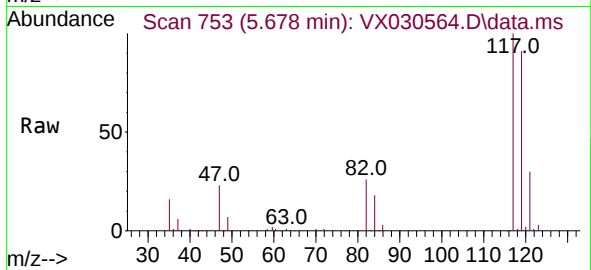




#31
Carbon tetrachloride
Concen: 52.438 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

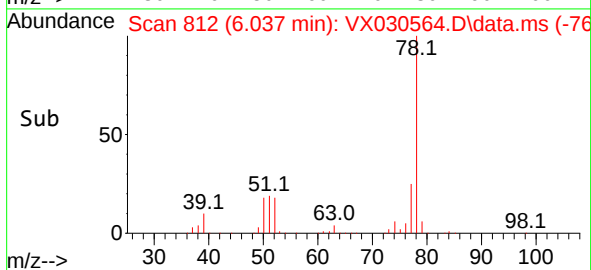
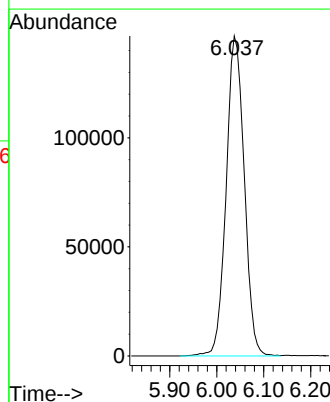
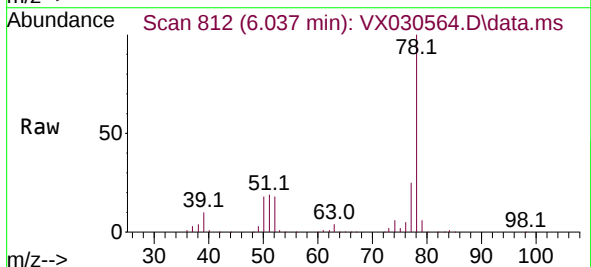
Instrument :
MSVOA_X
ClientSampleId :
VSTD050777

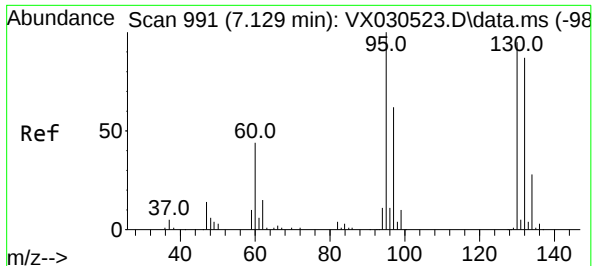
Tgt Ion:117 Resp: 138038
Ion Ratio Lower Upper
117 100
119 94.9 76.2 114.2



#33
Benzene
Concen: 50.662 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

Tgt Ion: 78 Resp: 392761

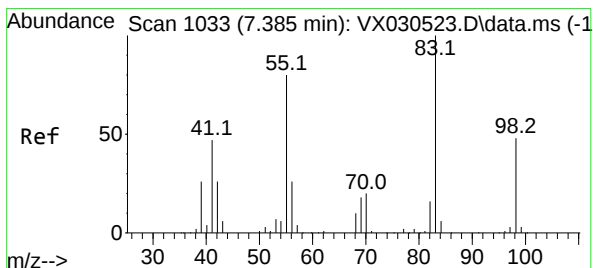
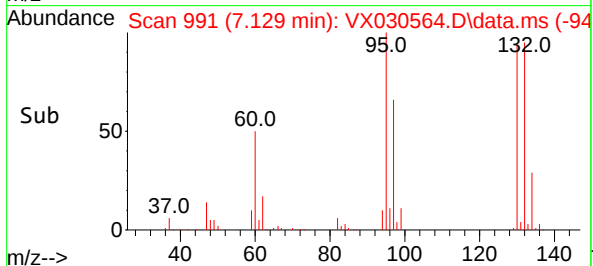
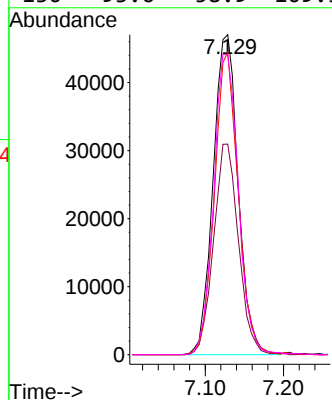
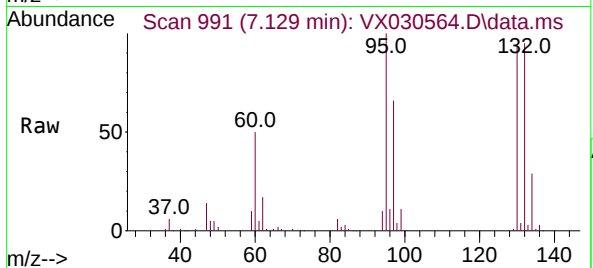




#34
Trichloroethene
Concen: 46.462 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

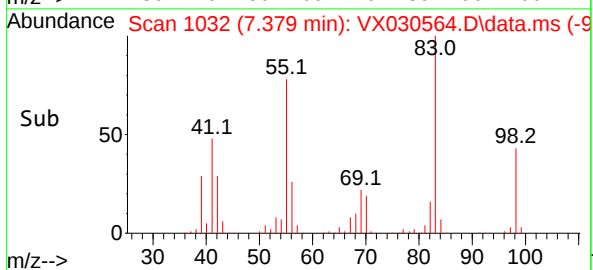
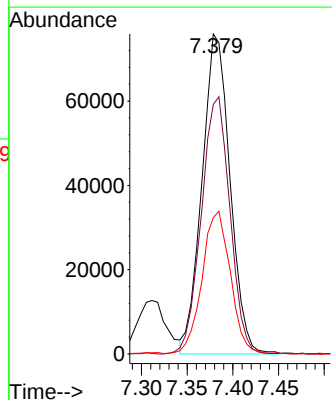
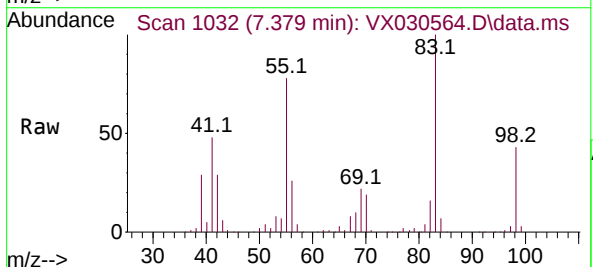
Instrument :
MSVOA_X
ClientSampleId :
VSTD050777

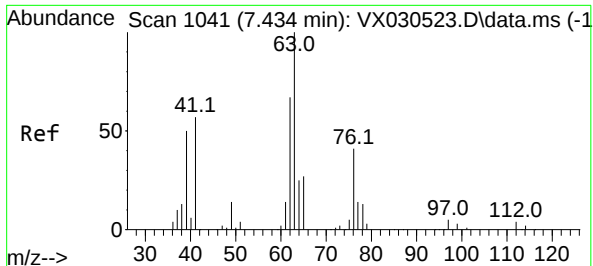
Tgt Ion: 95 Resp: 104324
Ion Ratio Lower Upper
95 100
97 65.8 40.2 74.6
132 94.5 55.3 102.7
130 93.6 58.9 109.5



#35
Methylcyclohexane
Concen: 49.544 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

Tgt Ion: 83 Resp: 161946
Ion Ratio Lower Upper
83 100
55 81.9 64.0 96.0
98 45.0 36.7 55.1





#37

1,2-Dichloropropane

Concen: 51.174 ug/L

RT: 7.433 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX030564.D

Acq: 11 Aug 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

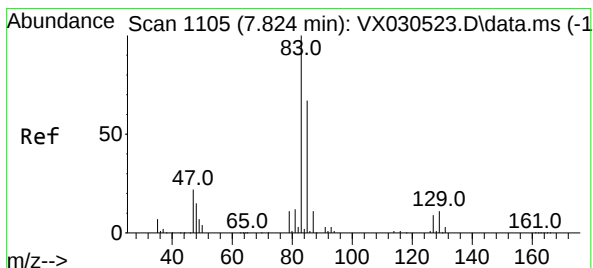
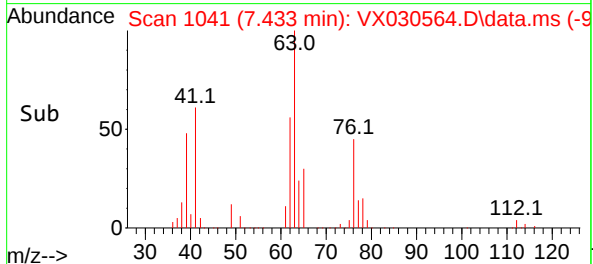
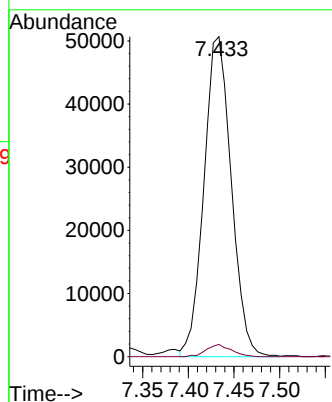
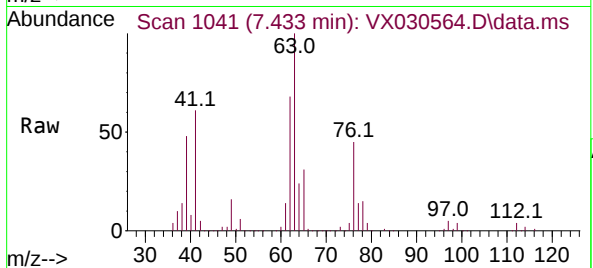
VSTD050777

Tgt Ion: 63 Resp: 105484

Ion Ratio Lower Upper

63 100

112 3.5 3.0 4.4



#38

Bromodichloromethane

Concen: 53.331 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX030564.D

Acq: 11 Aug 2022 11:16

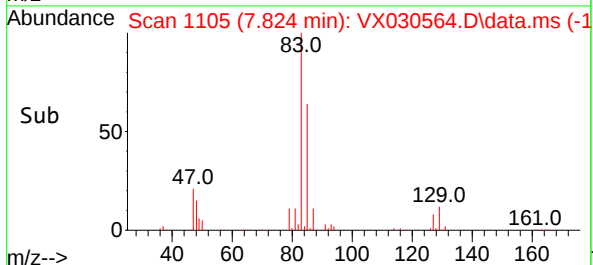
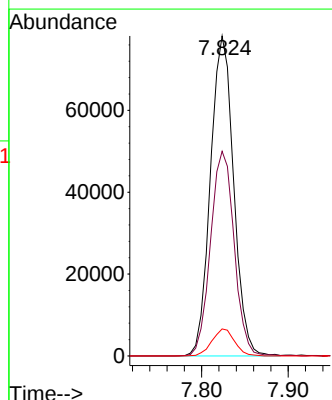
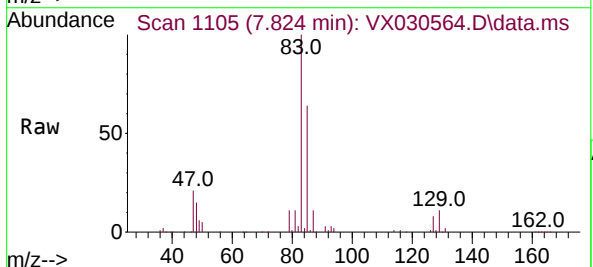
Tgt Ion: 83 Resp: 145492

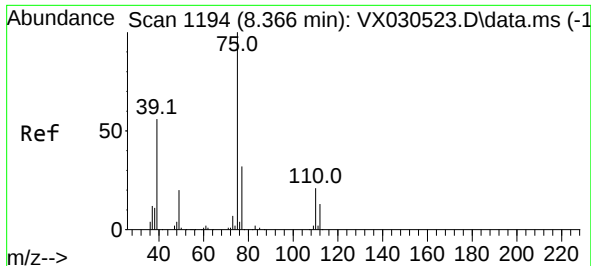
Ion Ratio Lower Upper

83 100

85 64.0 42.5 78.9

127 8.5 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 52.691 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX030564.D

Acq: 11 Aug 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

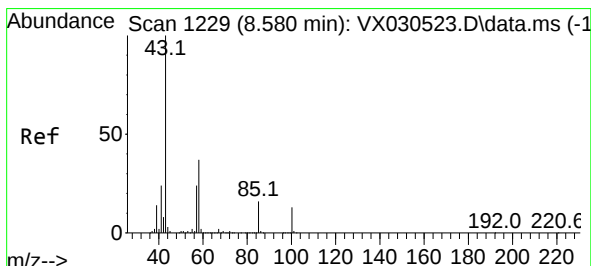
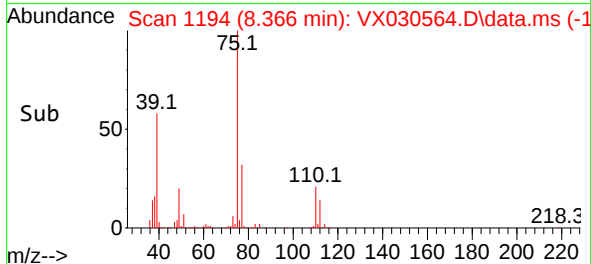
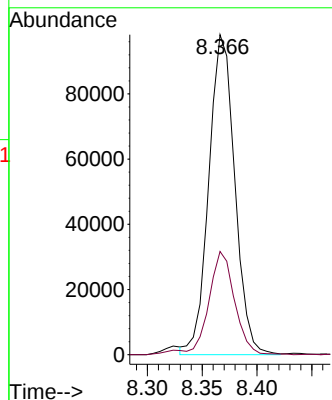
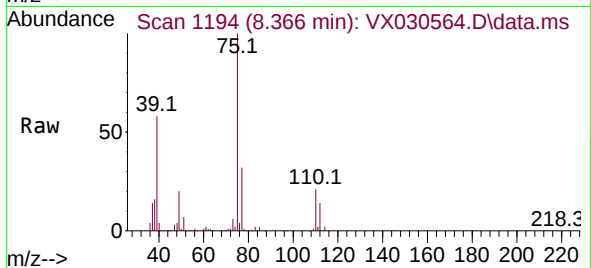
VSTD050777

Tgt Ion: 75 Resp: 162019

Ion Ratio Lower Upper

75 100

77 32.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 104.952 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX030564.D

Acq: 11 Aug 2022 11:16

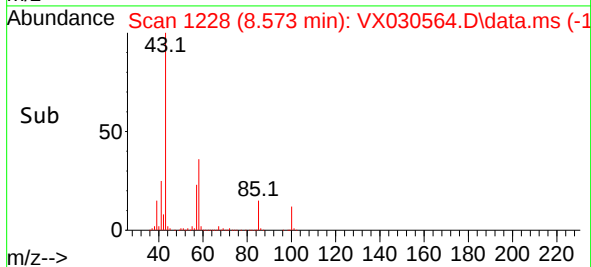
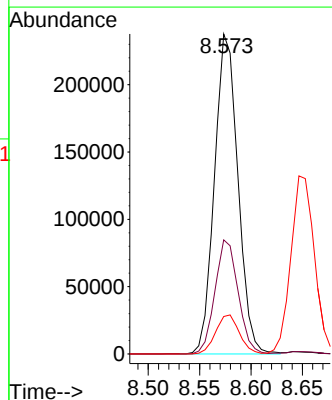
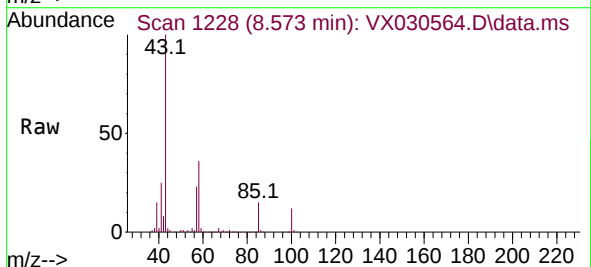
Tgt Ion: 43 Resp: 376737

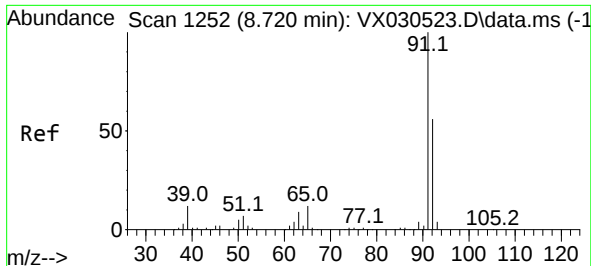
Ion Ratio Lower Upper

43 100

58 35.2 29.0 43.6

100 12.3 10.5 15.7

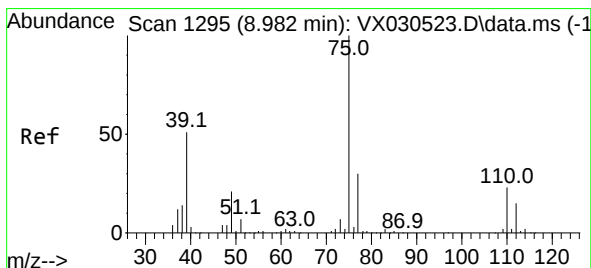
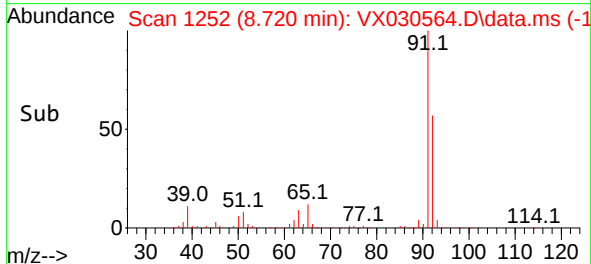
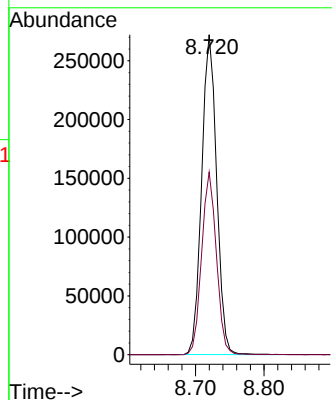
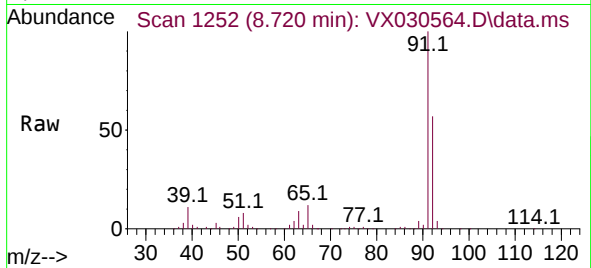




#42
Toluene
Concen: 50.573 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

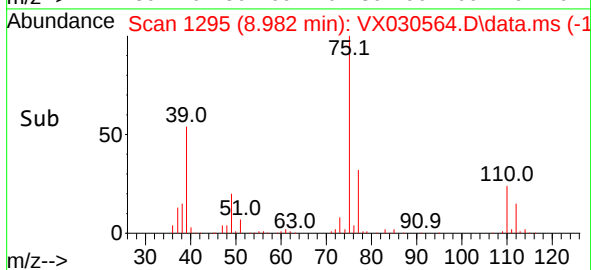
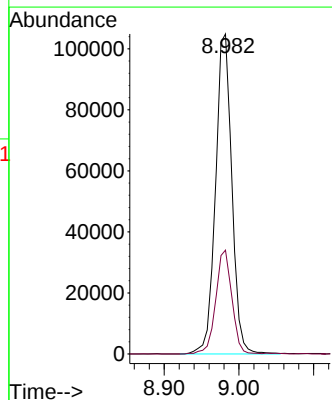
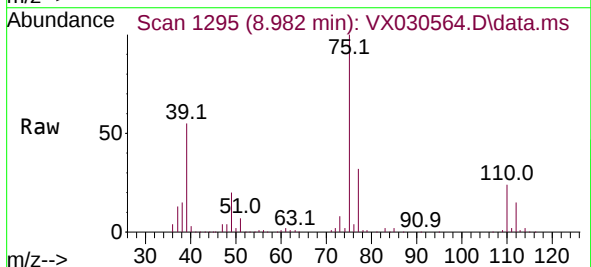
Instrument :
MSVOA_X
ClientSampleId :
VSTD050777

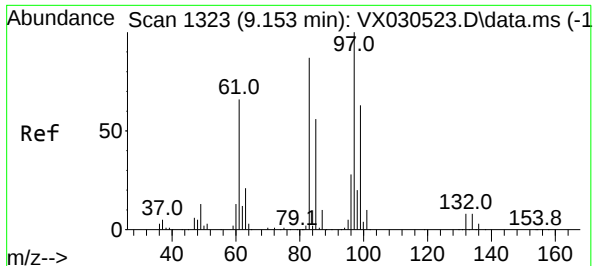
Tgt Ion: 91 Resp: 414183
Ion Ratio Lower Upper
91 100
92 57.0 40.0 74.4



#44
trans-1,3-Dichloropropene
Concen: 52.909 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

Tgt Ion: 75 Resp: 159235
Ion Ratio Lower Upper
75 100
77 32.4 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 51.639 ug/L

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030564.D

Acq: 11 Aug 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTD050777

Tgt Ion: 97 Resp: 98977

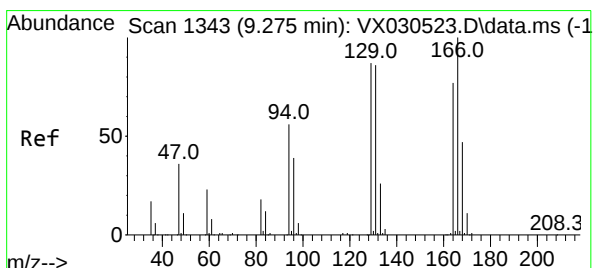
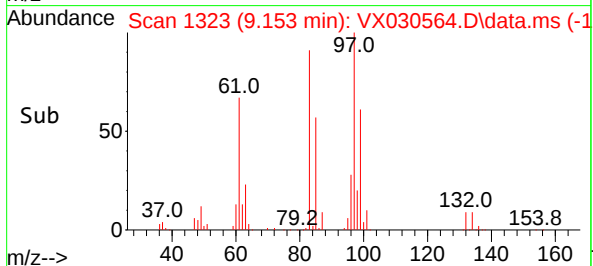
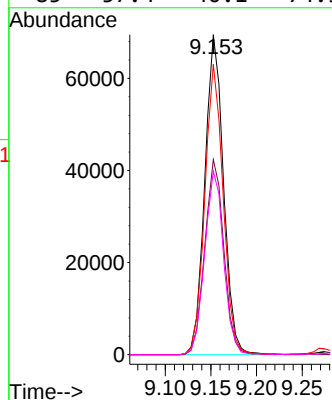
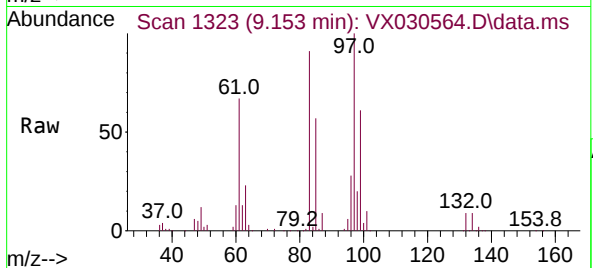
Ion Ratio Lower Upper

97 100

99 60.9 43.3 80.3

83 90.7 63.0 117.0

85 57.4 40.1 74.5



#46

Tetrachloroethene

Concen: 48.956 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX030564.D

Acq: 11 Aug 2022 11:16

Tgt Ion:164 Resp: 69471

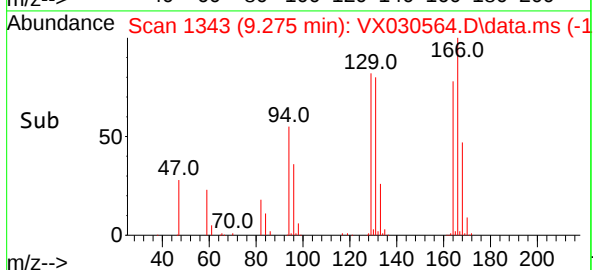
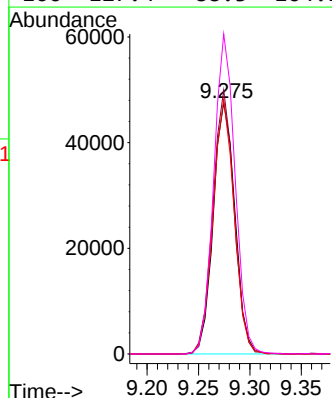
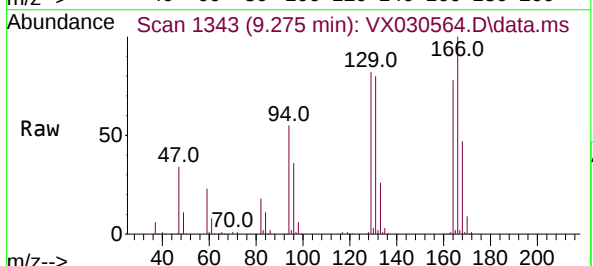
Ion Ratio Lower Upper

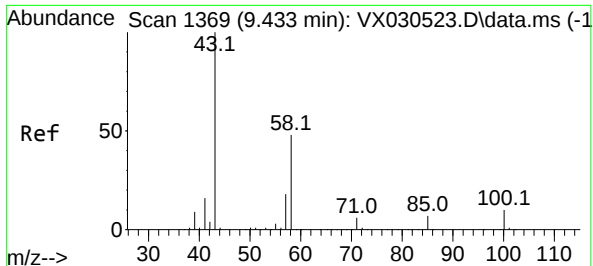
164 100

129 105.0 72.7 135.1

131 101.4 69.9 129.9

166 127.4 88.3 164.1



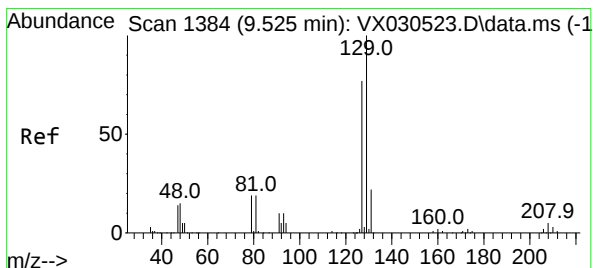
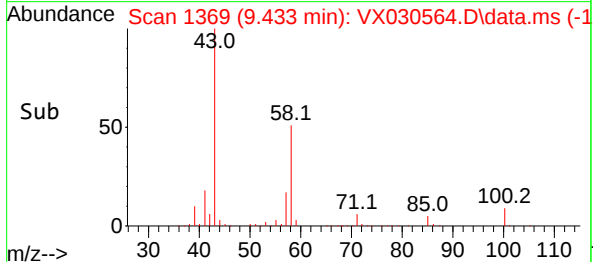
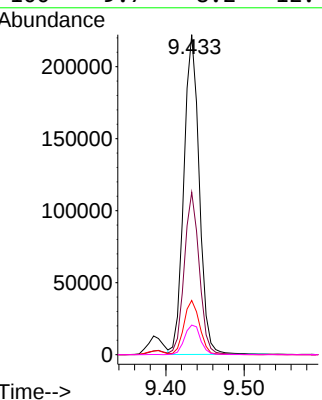
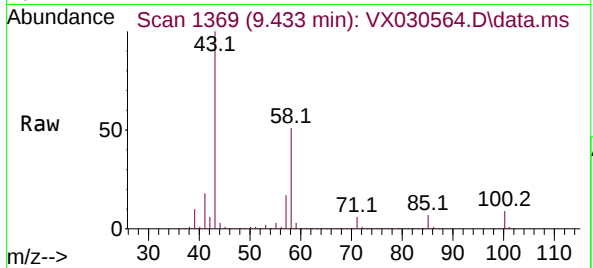


#48
2-Hexanone
Concen: 109.093 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

Instrument :
MSVOA_X
ClientSampleId :
VSTD050777

Tgt Ion: 43 Resp: 304265

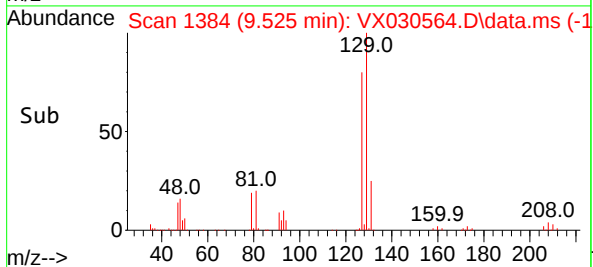
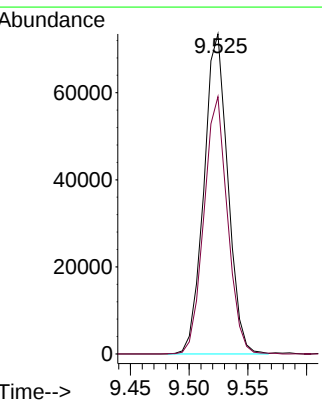
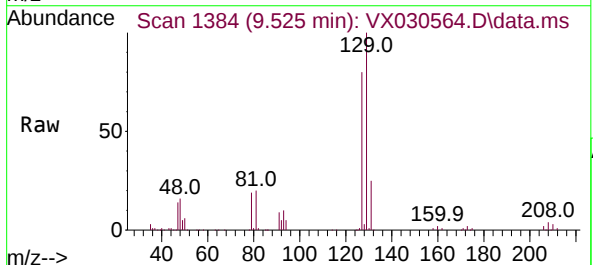
Ion	Ratio	Lower	Upper
43	100		
58	49.0	40.4	60.6
57	17.3	14.6	22.0
100	9.7	8.2	12.4

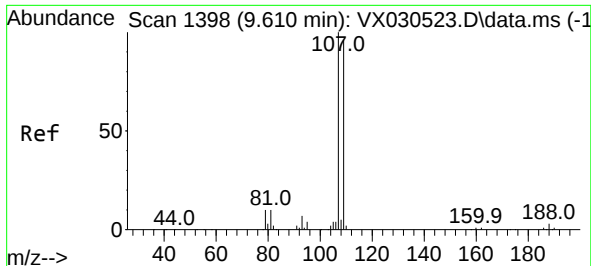


#49
Dibromochloromethane
Concen: 51.125 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

Tgt Ion: 129 Resp: 104251

Ion	Ratio	Lower	Upper
129	100		
127	80.4	55.6	103.2

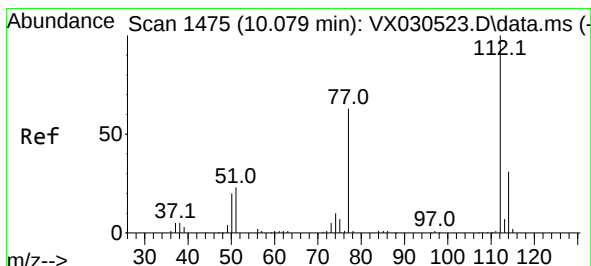
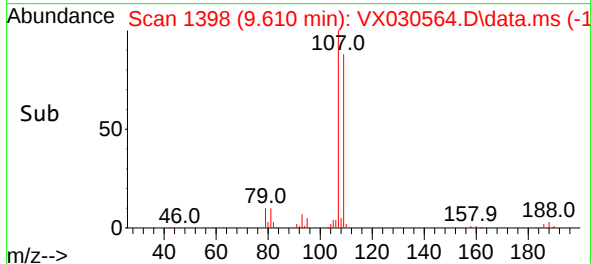
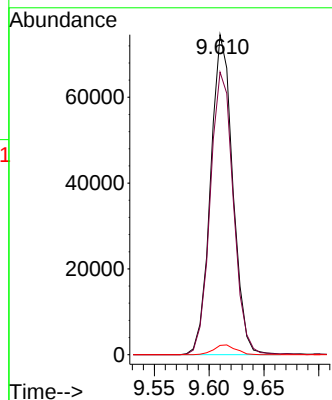
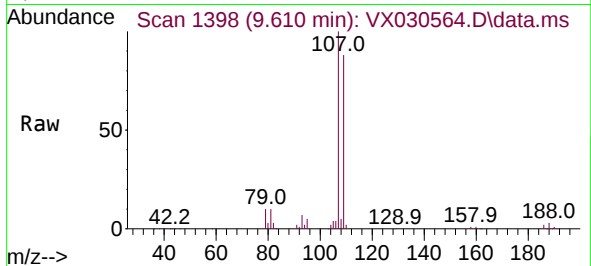




#50
1,2-Dibromoethane
Concen: 49.841 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

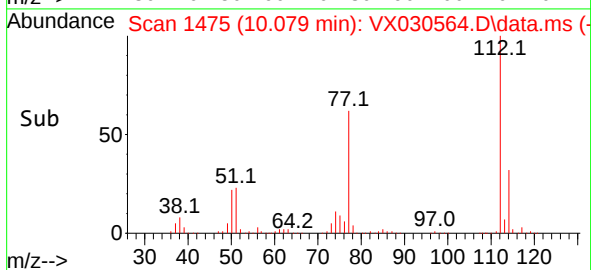
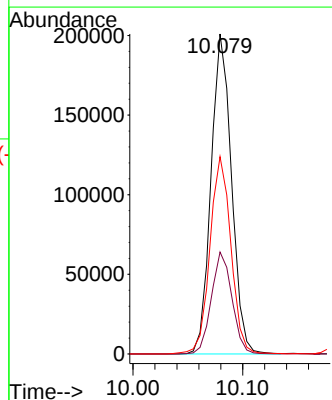
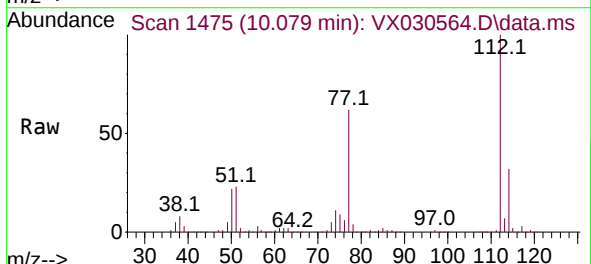
Instrument :
MSVOA_X
ClientSampleId :
VSTD050777

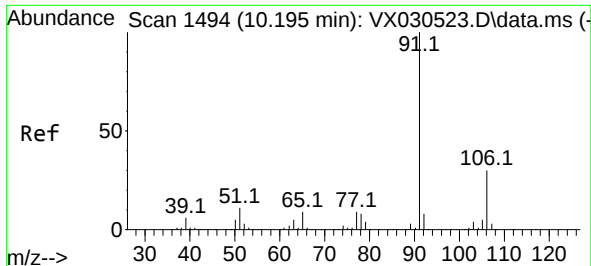
Tgt Ion:107 Resp: 105054
Ion Ratio Lower Upper
107 100
109 88.3 64.8 120.4
188 2.9 2.2 3.2



#51
Chlorobenzene
Concen: 51.177 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

Tgt Ion:112 Resp: 261117
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.5
77 61.6 50.8 76.2





#52

Ethylbenzene

Concen: 52.043 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX030564.D

Acq: 11 Aug 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

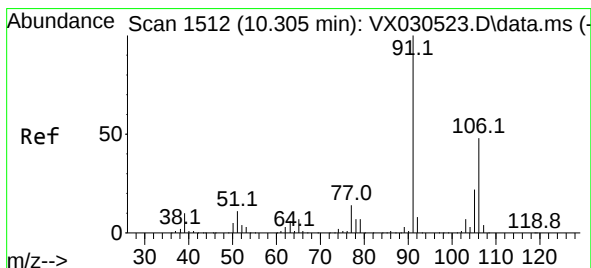
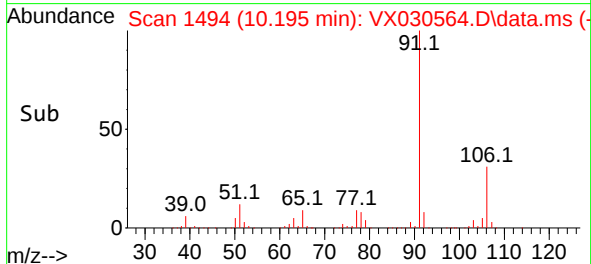
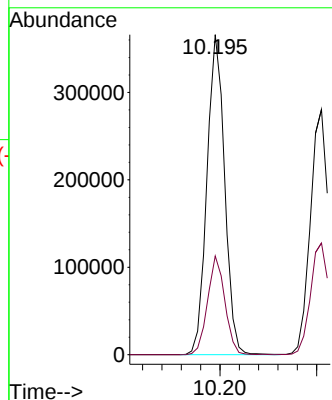
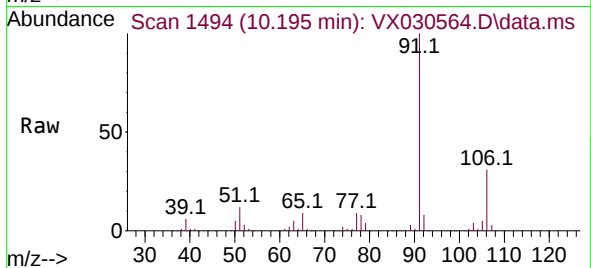
VSTD050777

Tgt Ion: 91 Resp: 464735

Ion Ratio Lower Upper

91 100

106 30.9 21.3 39.5



#53

m,p-Xylene

Concen: 51.688 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX030564.D

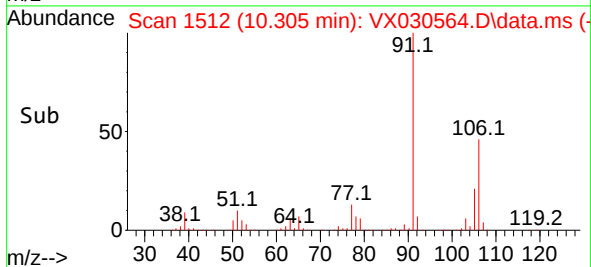
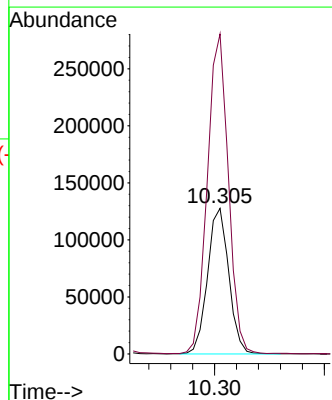
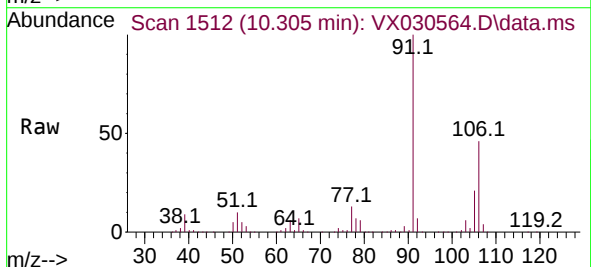
Acq: 11 Aug 2022 11:16

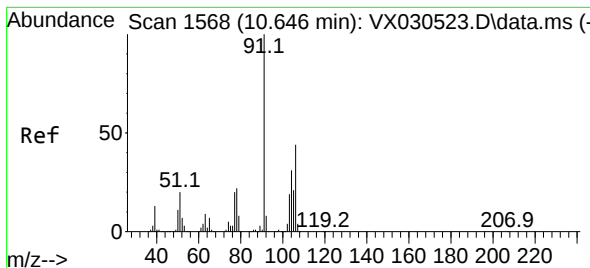
Tgt Ion: 106 Resp: 172039

Ion Ratio Lower Upper

106 100

91 219.7 147.8 274.6





#54

o-Xylene

Concen: 51.015 ug/L

RT: 10.646 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VX030564.D

Acq: 11 Aug 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

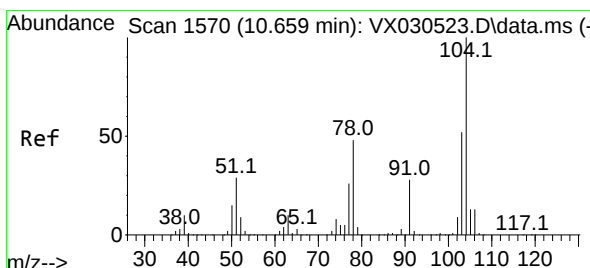
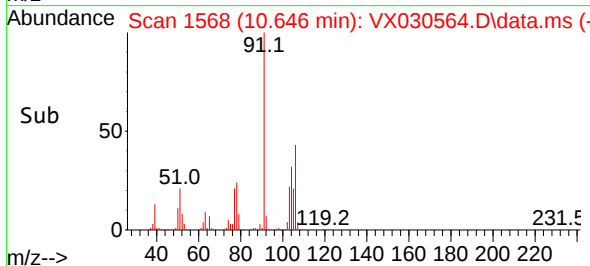
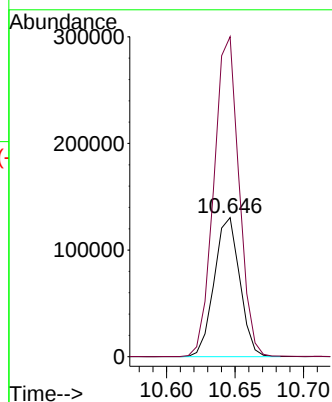
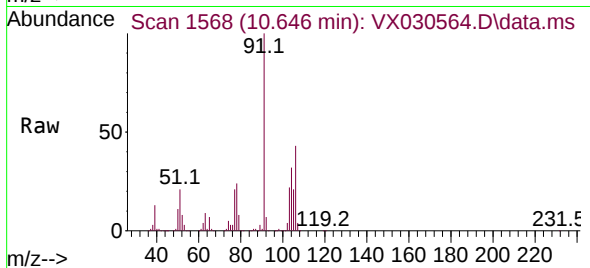
VSTD050777

Tgt Ion:106 Resp: 169197

Ion Ratio Lower Upper

106 100

91 230.1 157.8 293.0



#55

Styrene

Concen: 52.328 ug/L

RT: 10.658 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX030564.D

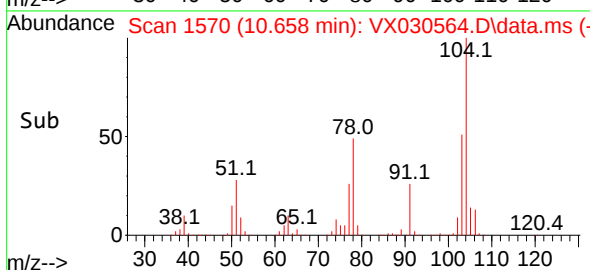
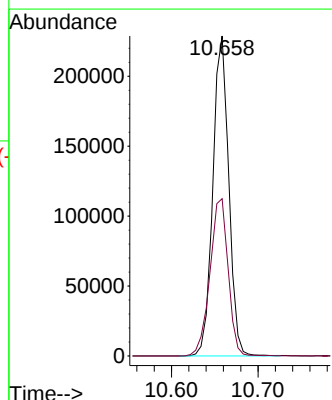
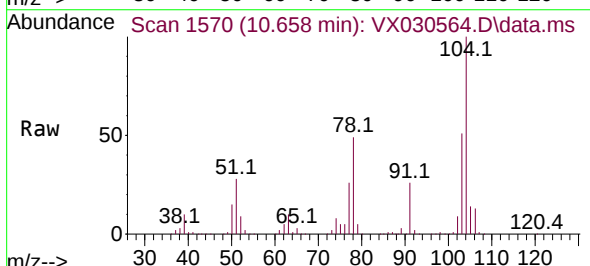
Acq: 11 Aug 2022 11:16

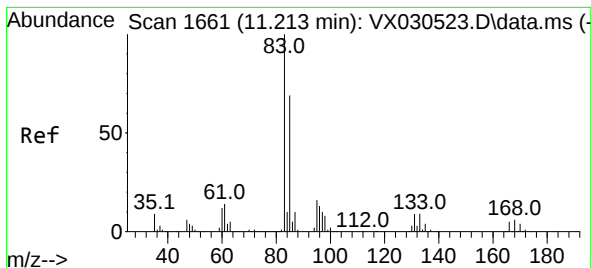
Tgt Ion:104 Resp: 292224

Ion Ratio Lower Upper

104 100

78 49.2 33.2 61.7

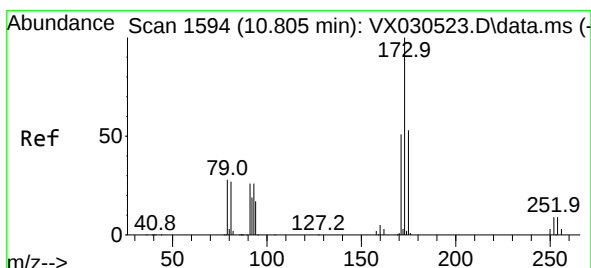
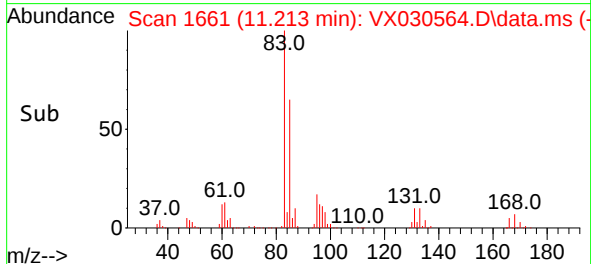
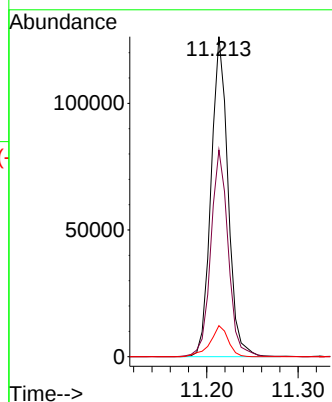
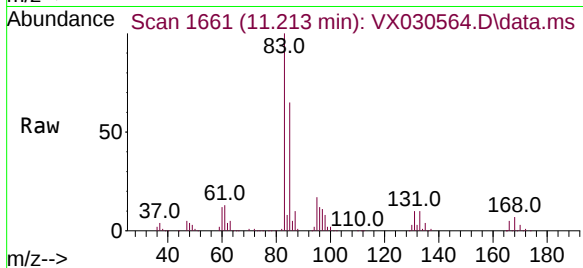




#57
1,1,2,2-Tetrachloroethane
Concen: 55.514 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

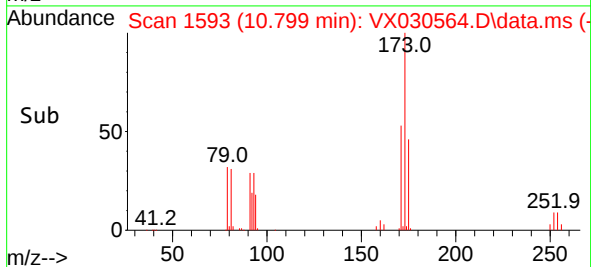
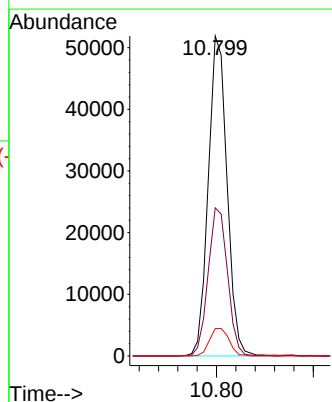
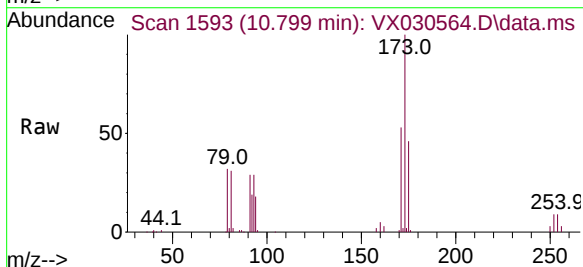
Instrument :
MSVOA_X
ClientSampleId :
VSTD050777

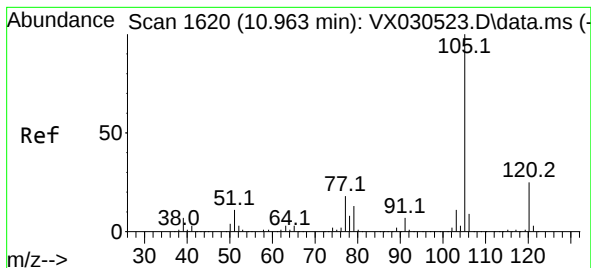
Tgt Ion: 83 Resp: 161900
Ion Ratio Lower Upper
83 100
85 64.6 44.4 82.4
131 9.7 7.5 11.3



#59
Bromoform
Concen: 51.420 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

Tgt Ion: 173 Resp: 69889
Ion Ratio Lower Upper
173 100
175 47.5 38.9 58.3
254 9.0 7.0 10.4





#60

Isopropylbenzene

Concen: 51.667 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030564.D

Acq: 11 Aug 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTD050777

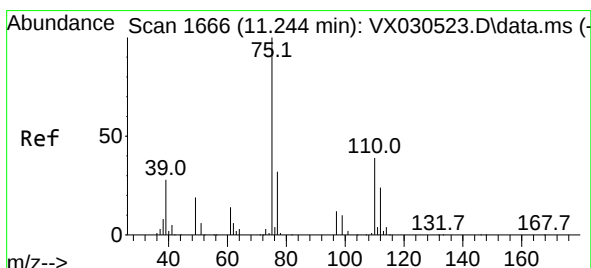
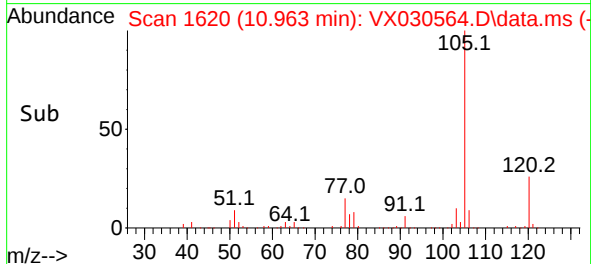
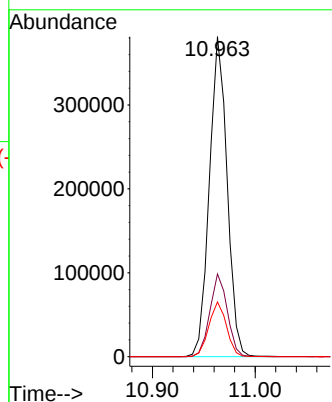
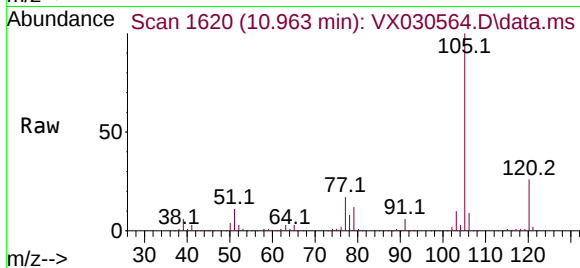
Tgt Ion:105 Resp: 457106

Ion Ratio Lower Upper

105 100

120 25.4 20.6 31.0

77 17.0 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 51.398 ug/L

RT: 11.244 min Scan# 1666

Delta R.T. -0.000 min

Lab File: VX030564.D

Acq: 11 Aug 2022 11:16

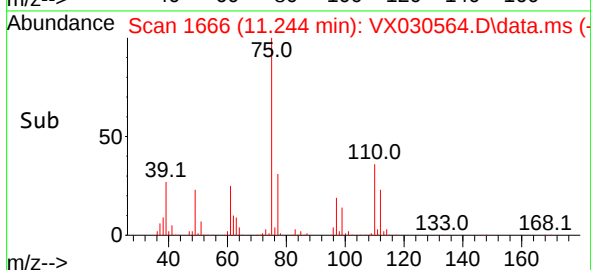
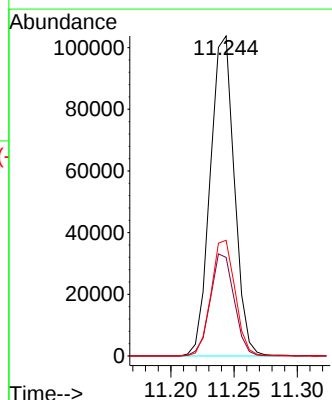
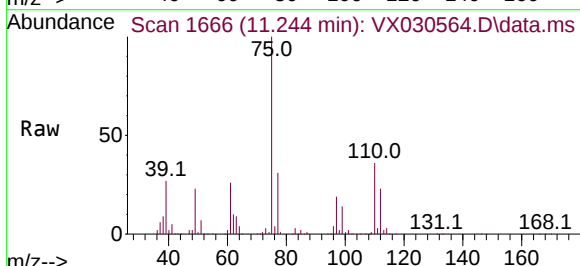
Tgt Ion: 75 Resp: 137768

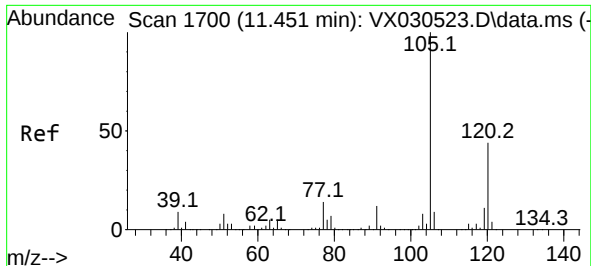
Ion Ratio Lower Upper

75 100

77 31.6 26.1 39.1

110 36.1 30.5 45.7

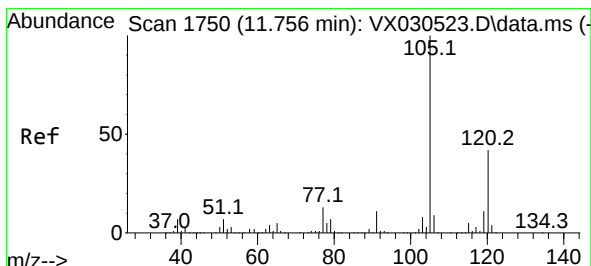
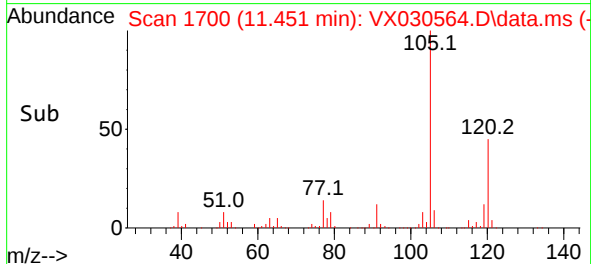
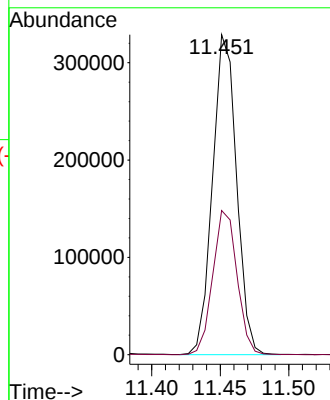
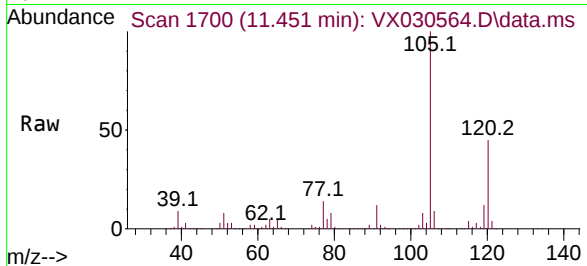




#62
 1,3,5-Trimethylbenzene
 Concen: 52.993 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX030564.D
 Acq: 11 Aug 2022 11:16

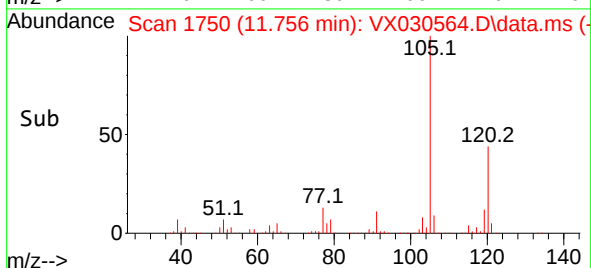
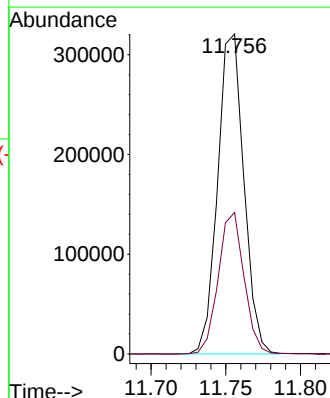
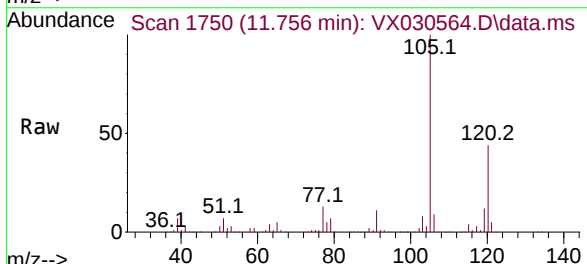
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050777

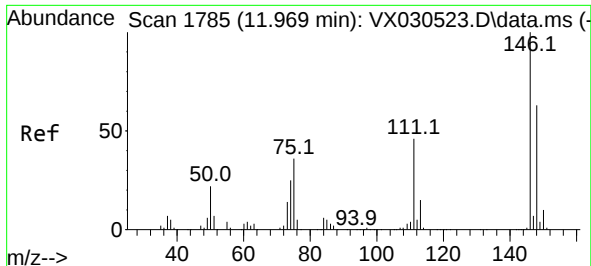
Tgt Ion:105 Resp: 400267
 Ion Ratio Lower Upper
 105 100
 120 45.6 37.2 55.8



#63
 1,2,4-Trimethylbenzene
 Concen: 51.312 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX030564.D
 Acq: 11 Aug 2022 11:16

Tgt Ion:105 Resp: 391403
 Ion Ratio Lower Upper
 105 100
 120 43.5 35.9 53.9

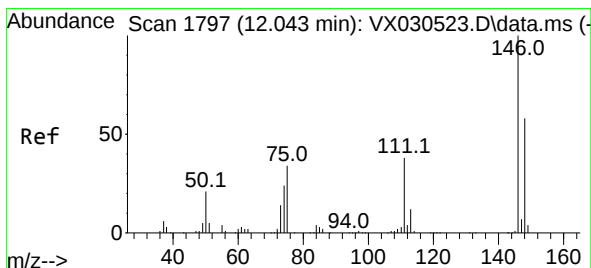
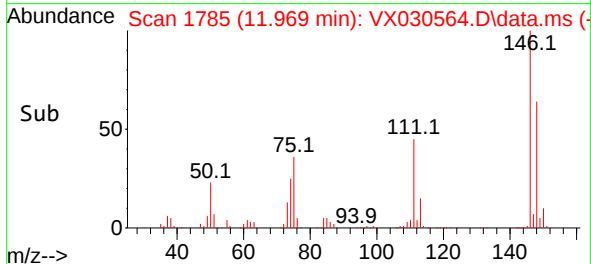
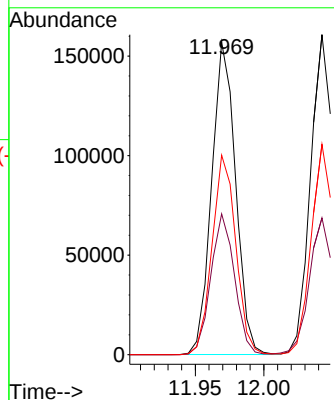
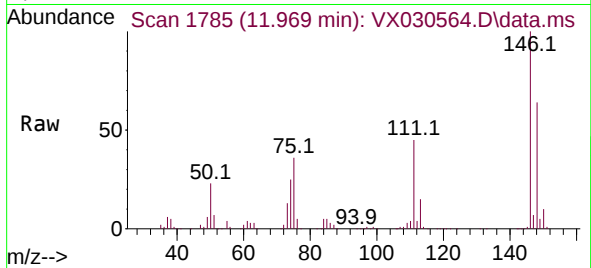




#64
1,3-Dichlorobenzene
Concen: 49.488 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

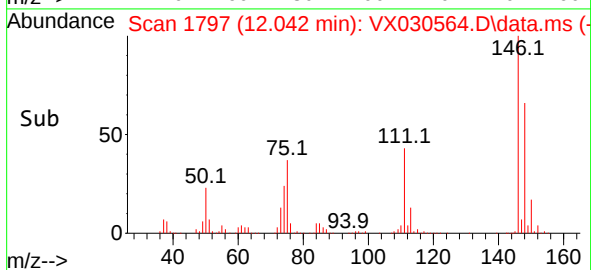
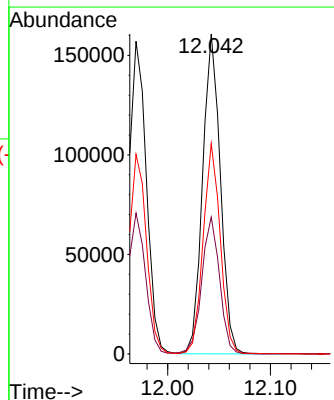
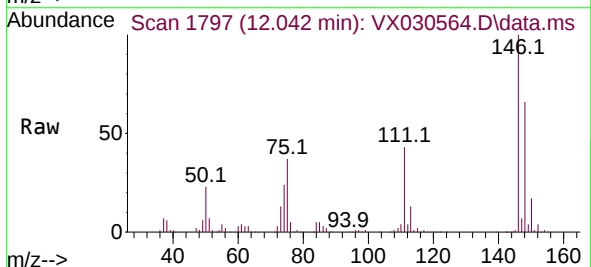
Instrument :
MSVOA_X
ClientSampleId :
VSTD050777

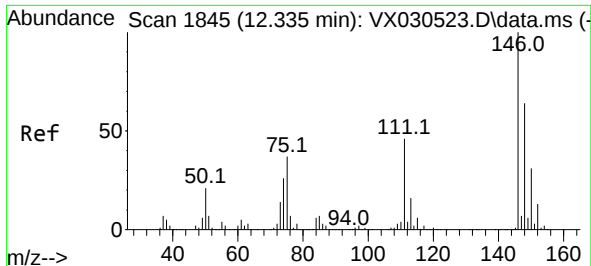
Tgt Ion:146 Resp: 190328
Ion Ratio Lower Upper
146 100
111 45.1 30.9 57.5
148 63.8 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 49.417 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

Tgt Ion:146 Resp: 193202
Ion Ratio Lower Upper
146 100
111 42.7 32.6 60.6
148 65.8 48.3 89.7





#67

1,2-Dichlorobenzene

Concen: 51.105 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX030564.D

Acq: 11 Aug 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTD050777

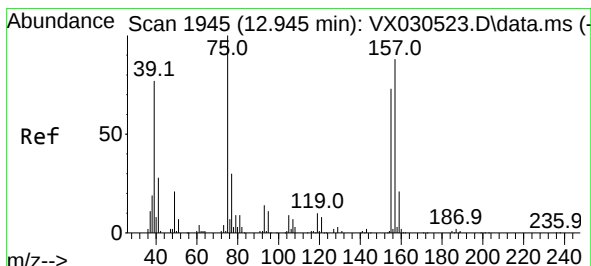
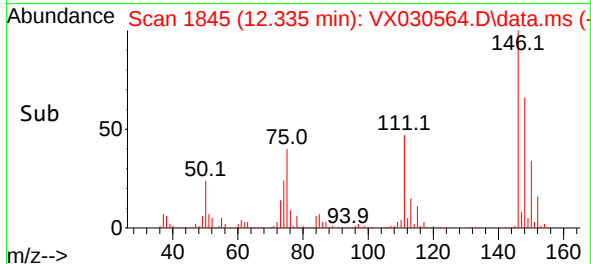
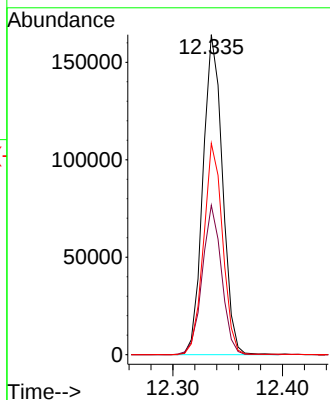
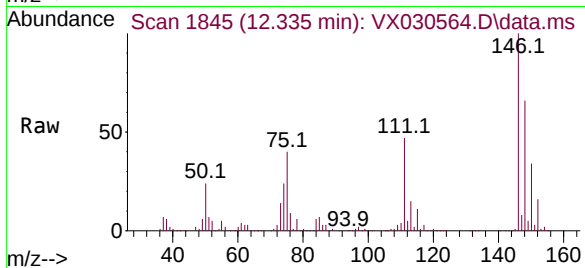
Tgt Ion:146 Resp: 203252

Ion Ratio Lower Upper

146 100

111 46.7 36.9 55.3

148 66.1 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 53.292 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX030564.D

Acq: 11 Aug 2022 11:16

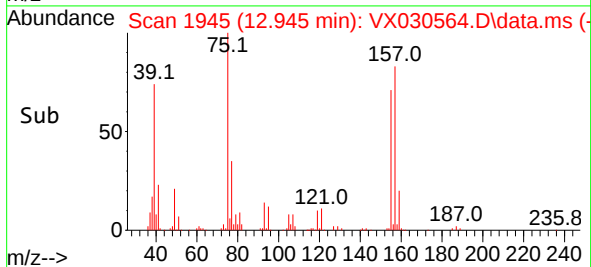
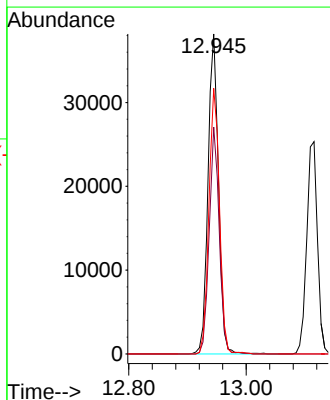
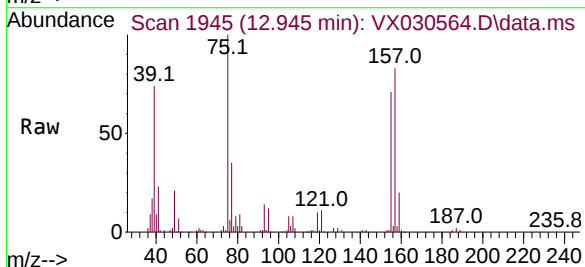
Tgt Ion: 75 Resp: 47120

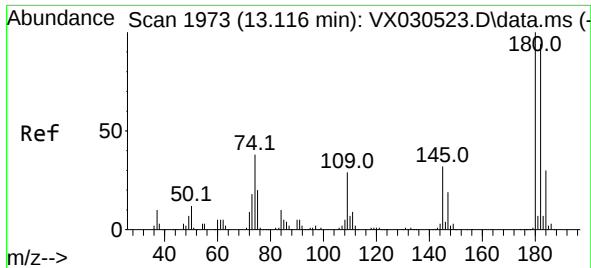
Ion Ratio Lower Upper

75 100

155 70.9 57.1 85.7

157 83.0 73.1 109.7

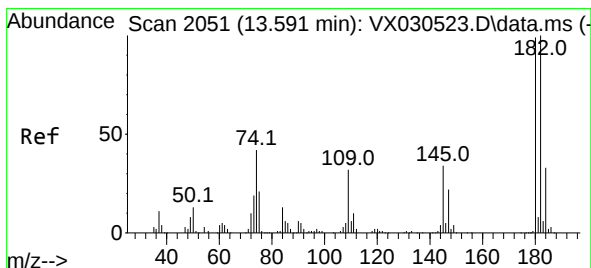
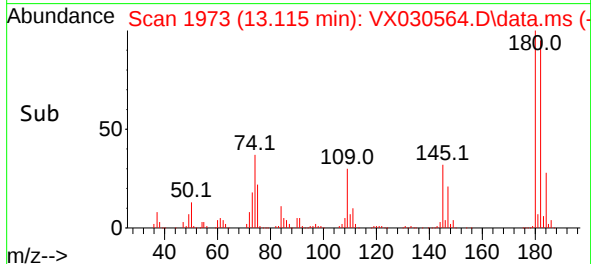
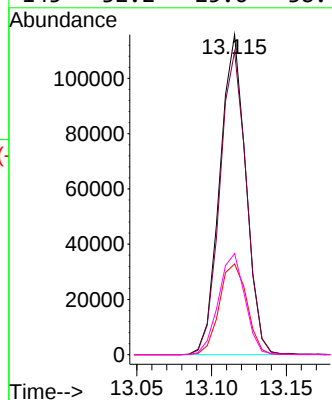
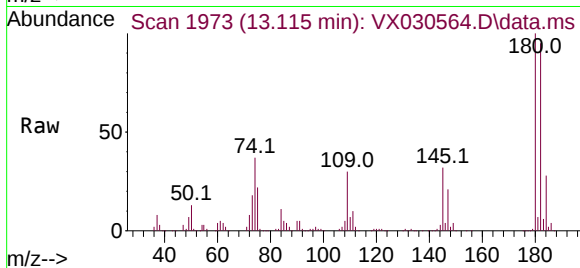




#69
 1,3,5-Trichlorobenzene
 Concen: 51.909 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX030564.D
 Acq: 11 Aug 2022 11:16

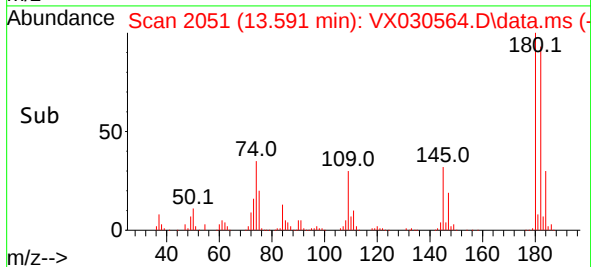
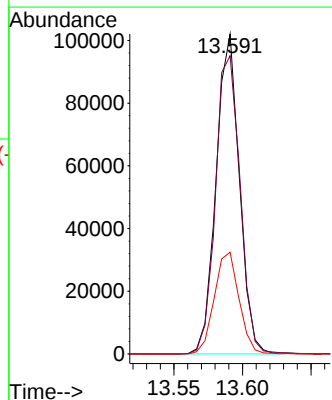
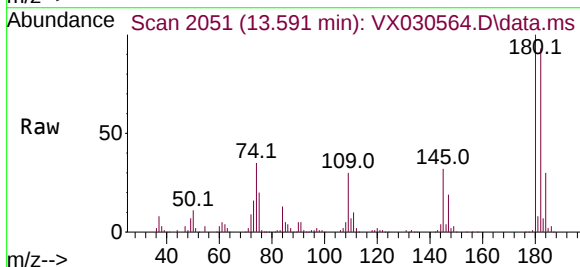
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050777

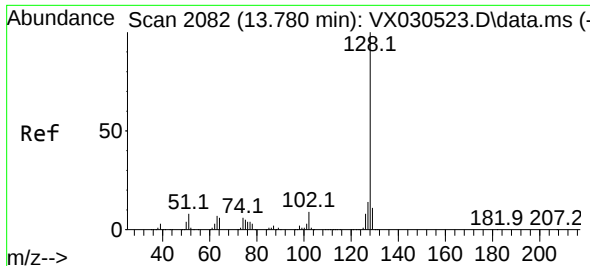
Tgt Ion:180 Resp: 140003
 Ion Ratio Lower Upper
 180 100
 182 96.1 73.7 110.5
 184 30.2 24.1 36.1
 145 32.2 25.6 38.4



#70
 1,2,4-trichlorobenzene
 Concen: 50.817 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX030564.D
 Acq: 11 Aug 2022 11:16

Tgt Ion:180 Resp: 120367
 Ion Ratio Lower Upper
 180 100
 182 98.5 72.7 109.1
 145 33.8 26.6 40.0

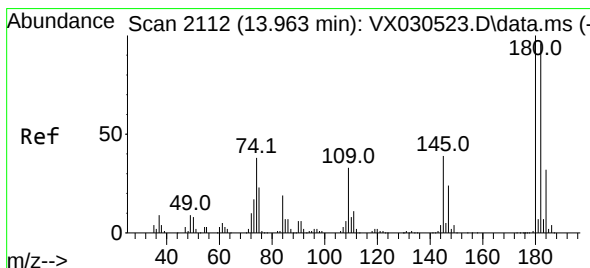
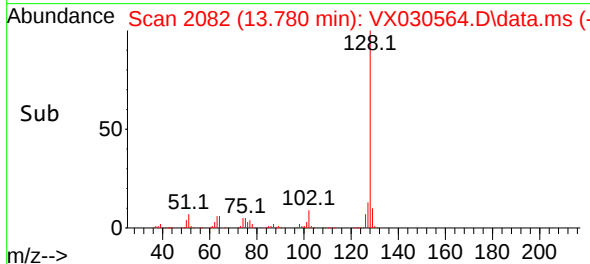
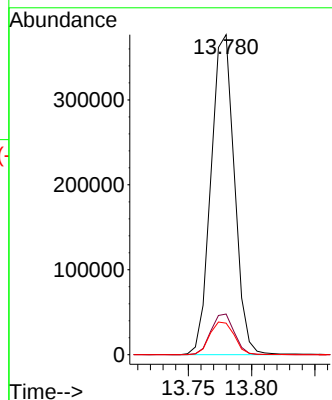
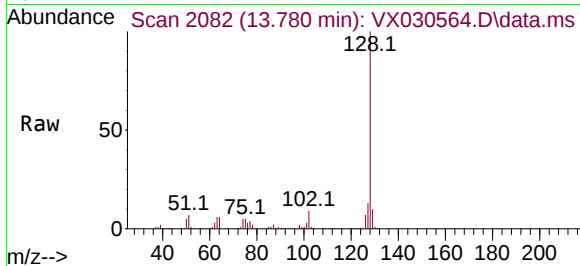




#71
Naphthalene
Concen: 49.454 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

Instrument :
MSVOA_X
ClientSampleId :
VSTD050777

Tgt Ion:128 Resp: 484892
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 49.772 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030564.D
Acq: 11 Aug 2022 11:16

Tgt Ion:180 Resp: 124531
Ion Ratio Lower Upper
180 100
182 92.2 74.6 112.0
145 35.4 28.4 42.6

