

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071922\
 Data File : VX030121.D
 Acq On : 19 Jul 2022 17:12
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050760

Quant Time: Jul 20 08:38:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 20 07:48:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	276064	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	253511	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	132188	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	100027	46.452	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.900%
7) Chloroethane-d5	1.660	69	76563	51.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.760%
11) 1,1-Dichloroethene-d2	2.306	63	209655	50.336	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.680%
21) 2-Butanone-d5	4.458	46	230400	108.800	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.800%
24) Chloroform-d	5.062	84	218663	50.017	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.040%
26) 1,2-Dichloroethane-d4	5.958	65	135726	49.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.260%
32) Benzene-d6	5.976	84	467962	50.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.300%
36) 1,2-Dichloropropane-d6	7.312	67	146980	49.117	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.240%
41) Toluene-d8	8.653	98	423651	49.757	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.520%
43) trans-1,3-Dichloroprop...	8.952	79	63776	50.184	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.360%
47) 2-Hexanone-d5	9.384	63	161202	107.423	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.420%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	207923	52.070	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.140%
66) 1,2-Dichlorobenzene-d4	12.323	152	155896	50.876	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	124368	53.798	ug/L	98
3) Chloromethane	1.288	50	106402	51.498	ug/L	98
5) Vinyl chloride	1.374	62	109069	50.639	ug/L	99
6) Bromomethane	1.605	94	49197	50.636	ug/L	97
8) Chloroethane	1.685	64	61861	52.046	ug/L	98
9) Trichlorofluoromethane	1.886	101	147070	52.746	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	104512	53.021	ug/L	99
12) 1,1-Dichloroethene	2.319	96	99254	52.227	ug/L #	77
13) Acetone	2.386	43	127030	107.754	ug/L	99
14) Carbon disulfide	2.508	76	272579	50.965	ug/L	100
15) Methyl Acetate	2.709	43	147495	54.934	ug/L	99
16) Methylene chloride	2.788	84	117671	51.293	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	107180	52.998	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	330029	52.973	ug/L	99
19) 1,1-Dichloroethane	3.611	63	194513	52.619	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	122069	51.986	ug/L	93
22) 2-Butanone	4.562	43	223148	110.709	ug/L	100
23) Bromochloromethane	4.903	128	60981	52.188	ug/L	95
25) Chloroform	5.099	83	197845	51.563	ug/L	98

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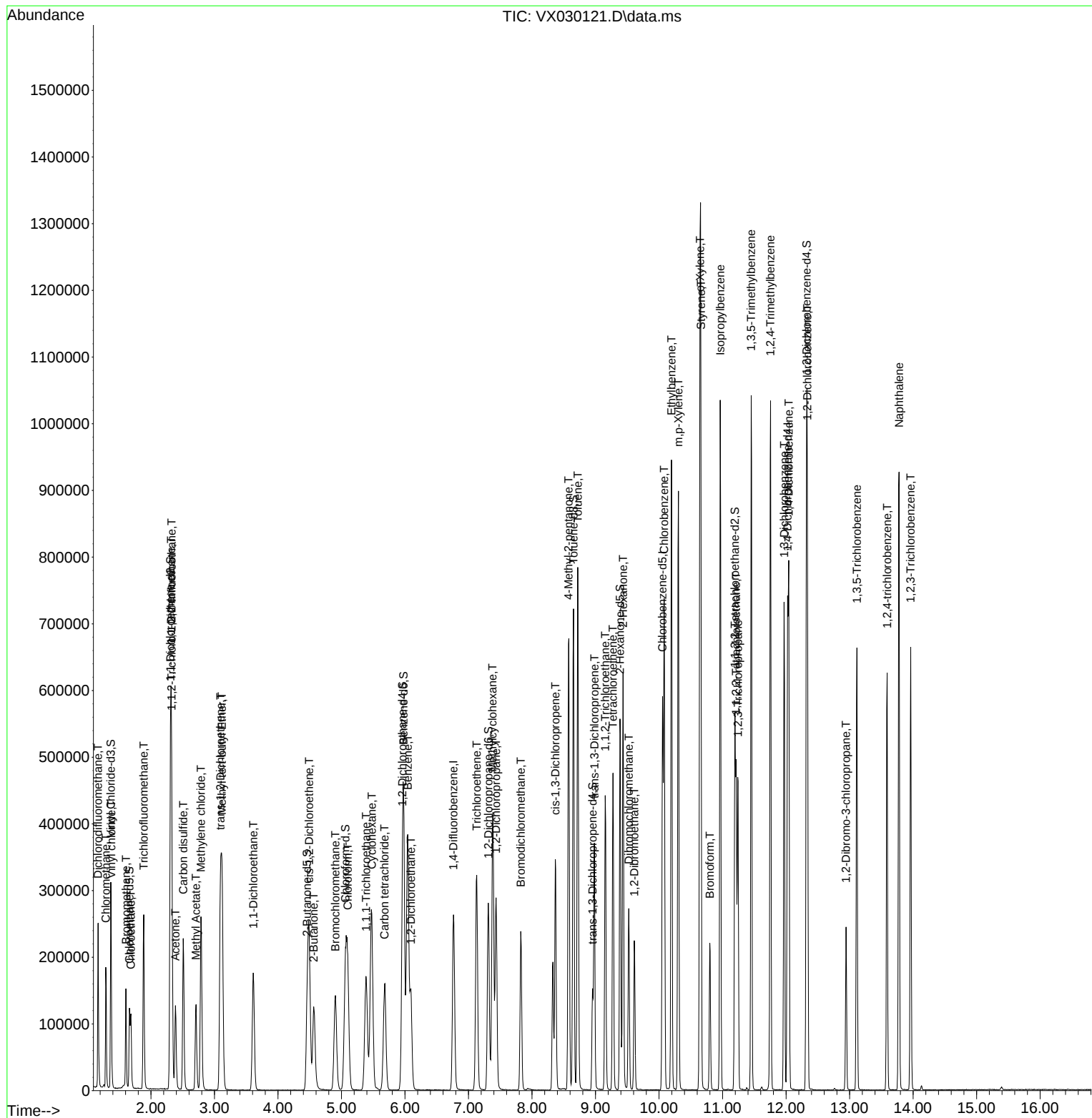
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	151831	52.686	ug/L	100
29) Cyclohexane	5.477	56	188049	54.086	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	163873	52.539	ug/L	99
31) Carbon tetrachloride	5.678	117	134919	52.512	ug/L	100
33) Benzene	6.044	78	472675	53.548	ug/L	100
34) Trichloroethene	7.129	95	124813	52.792	ug/L	97
35) Methylcyclohexane	7.379	83	194273	54.621	ug/L	99
37) 1,2-Dichloropropane	7.434	63	122292	52.936	ug/L	100
38) Bromodichloromethane	7.824	83	145952	51.635	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	173763	52.617	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	413100	109.926	ug/L	98
42) Toluene	8.720	91	492547	53.740	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	161980	52.375	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	117675	53.227	ug/L	99
46) Tetrachloroethene	9.275	164	83600	51.041	ug/L	92
48) 2-Hexanone	9.433	43	329099	109.054	ug/L	99
49) Dibromochloromethane	9.525	129	115764	52.330	ug/L	100
50) 1,2-Dibromoethane	9.610	107	122787	52.301	ug/L	99
51) Chlorobenzene	10.079	112	305780	53.098	ug/L	99
52) Ethylbenzene	10.195	91	528107	54.059	ug/L	100
53) m,p-Xylene	10.305	106	205359	53.927	ug/L	100
54) o-Xylene	10.646	106	201986	54.622	ug/L	99
55) Styrene	10.659	104	351735	55.213	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	186472	53.447	ug/L	98
59) Bromoform	10.799	173	76933	49.828	ug/L	98
60) Isopropylbenzene	10.963	105	527726	54.468	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	154479	52.682	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	440281	54.994	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	446436	55.927	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	226620	53.176	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	226748	52.924	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	232260	53.573	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	44446	50.472	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	154345	53.638	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	141455	56.006	ug/L	99
71) Naphthalene	13.780	128	581272	56.255	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	144404	53.814	ug/L	99

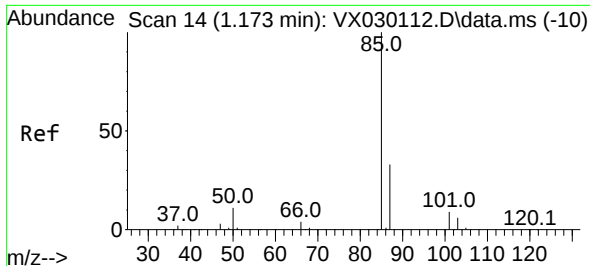
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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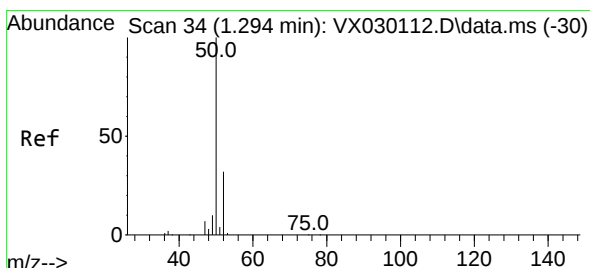
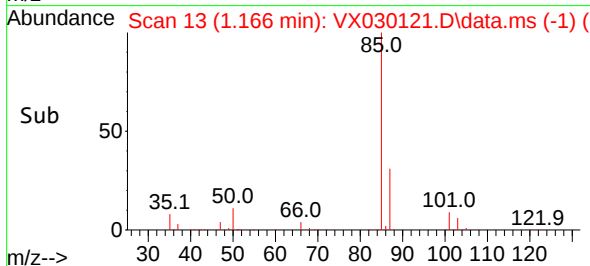
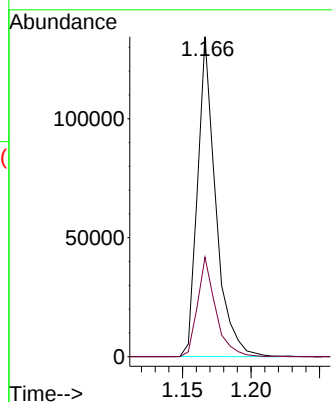
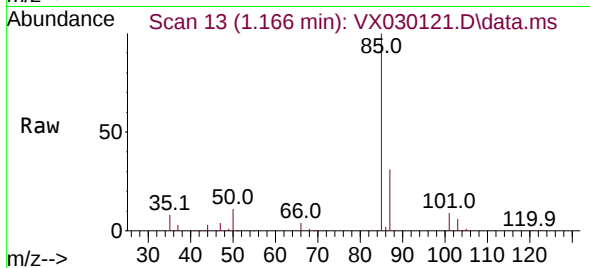




#2
Dichlorodifluoromethane
Concen: 53.798 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

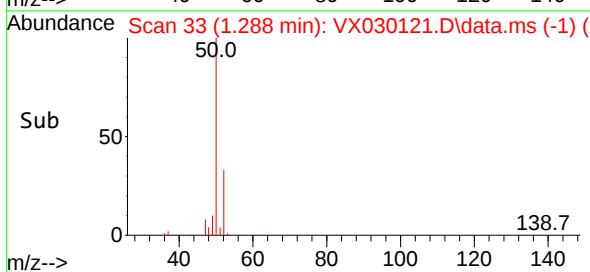
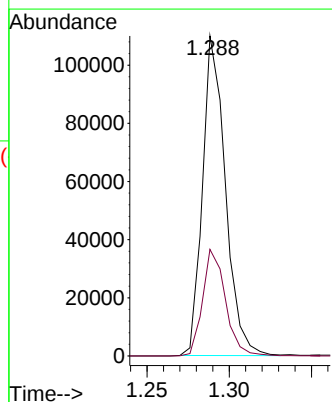
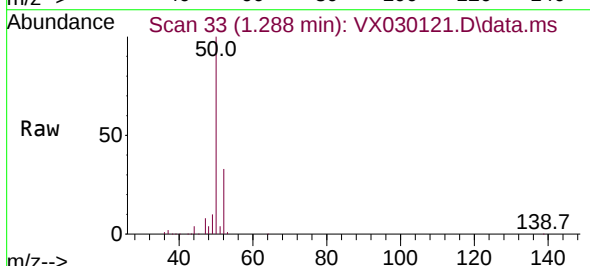
Instrument :
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ClientSampleId :
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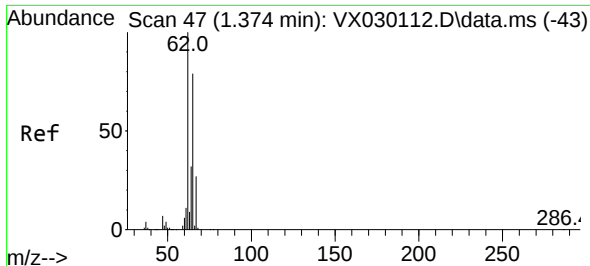
Tgt Ion: 85 Resp: 124368
Ion Ratio Lower Upper
85 100
87 31.0 25.7 38.5



#3
Chloromethane
Concen: 51.498 ug/L
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

Tgt Ion: 50 Resp: 106402
Ion Ratio Lower Upper
50 100
52 33.3 22.6 42.0

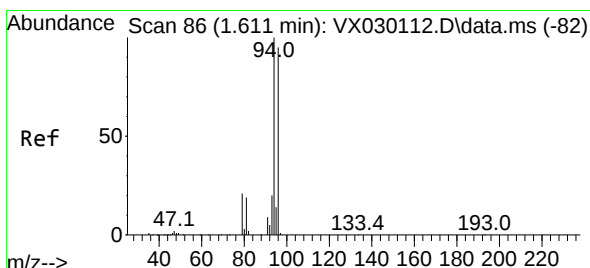
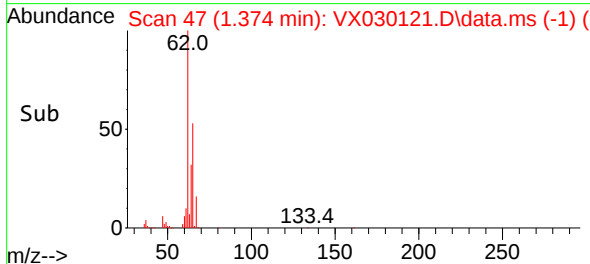
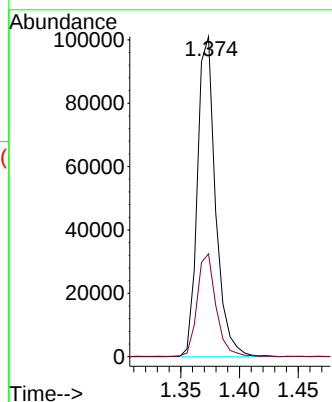
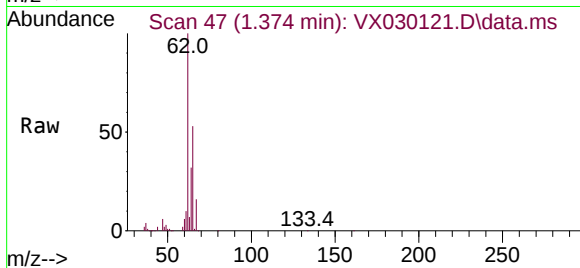




#5
 Vinyl chloride
 Concen: 50.639 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030121.D
 Acq: 19 Jul 2022 17:12

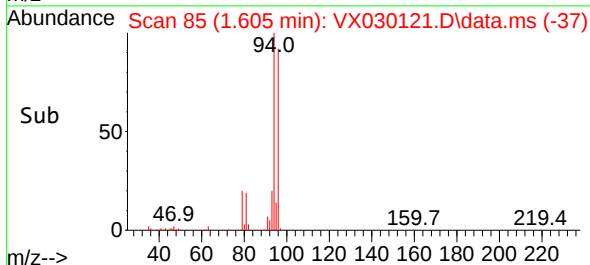
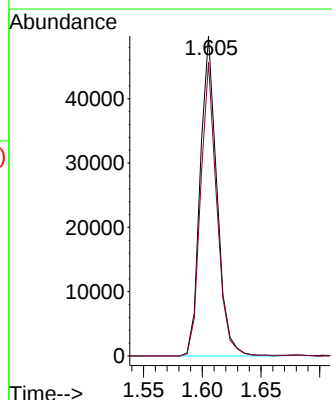
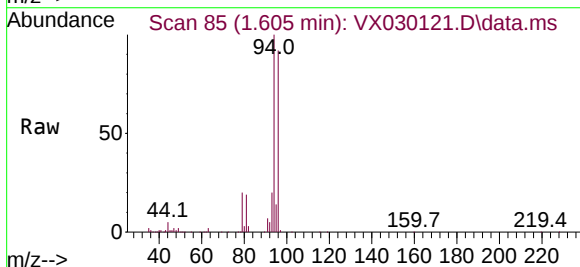
Instrument :
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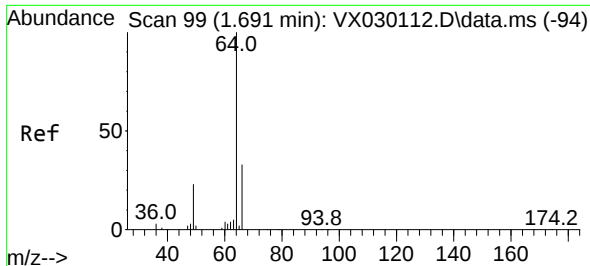
Tgt Ion: 62 Resp: 109069
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.1 41.1



#6
 Bromomethane
 Concen: 50.636 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX030121.D
 Acq: 19 Jul 2022 17:12

Tgt Ion: 94 Resp: 49197
 Ion Ratio Lower Upper
 94 100
 96 91.7 66.5 123.5

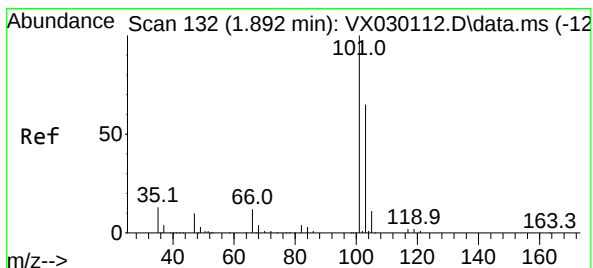
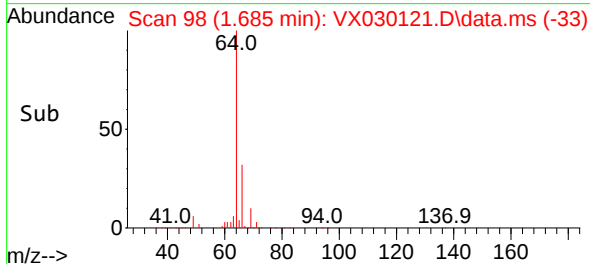
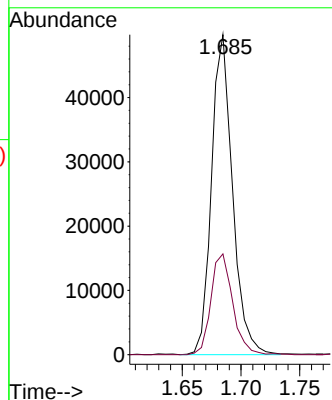
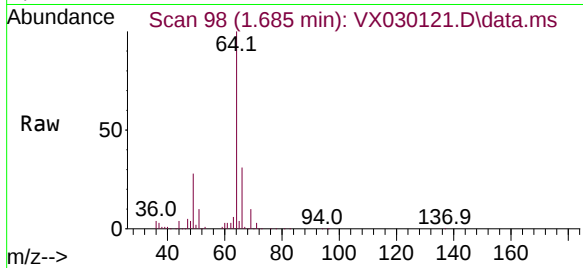




#8
Chloroethane
Concen: 52.046 ug/L
RT: 1.685 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

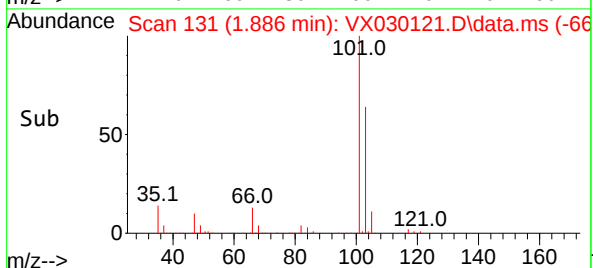
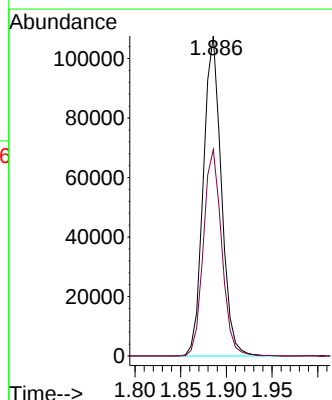
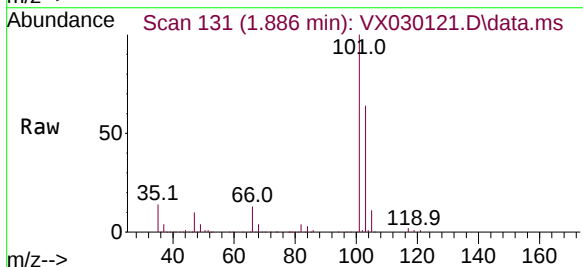
Instrument :
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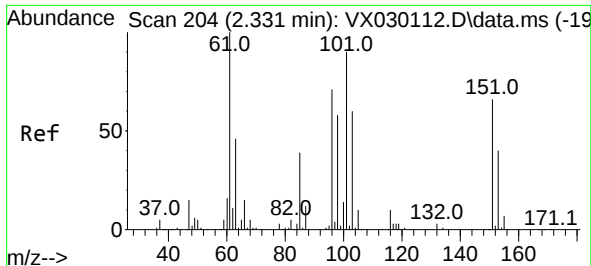
Tgt Ion: 64 Resp: 61861
Ion Ratio Lower Upper
64 100
66 31.5 23.0 42.6



#9
Trichlorofluoromethane
Concen: 52.746 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

Tgt Ion: 101 Resp: 147070
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.6

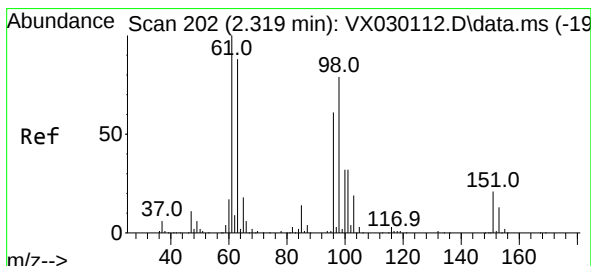
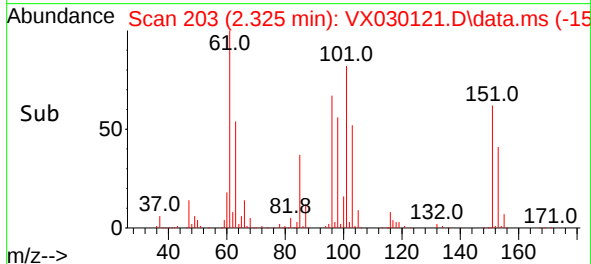
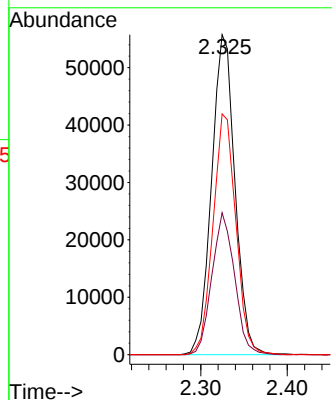
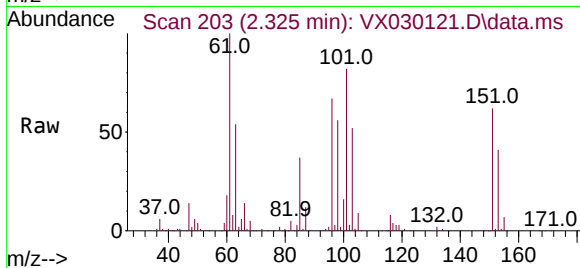




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 53.021 ug/L
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

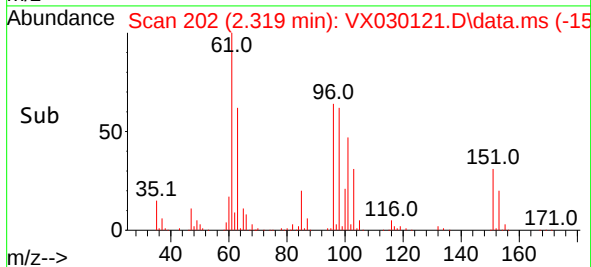
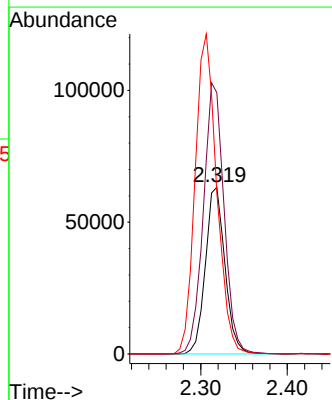
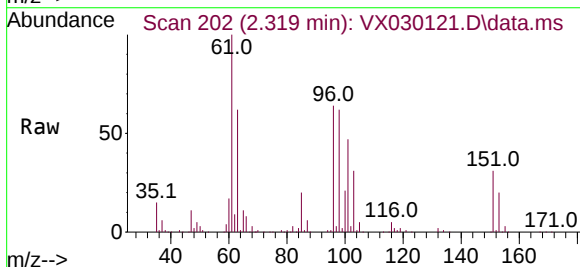
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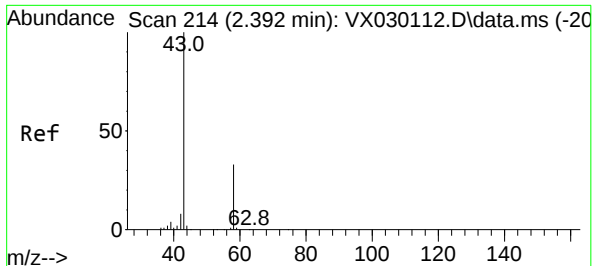
Tgt Ion:101 Resp: 104512
Ion Ratio Lower Upper
101 100
85 42.9 34.1 51.1
151 73.8 59.4 89.2



#12
1,1-Dichloroethene
Concen: 52.227 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

Tgt Ion: 96 Resp: 99254
Ion Ratio Lower Upper
96 100
61 156.8 115.1 213.7
63 96.6 104.1 193.3#

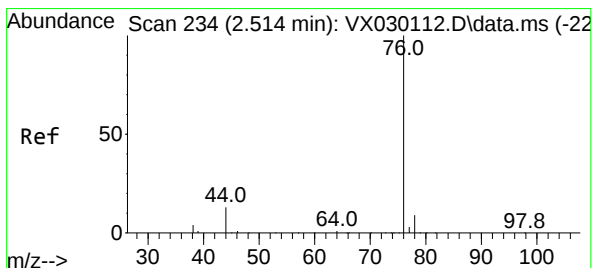
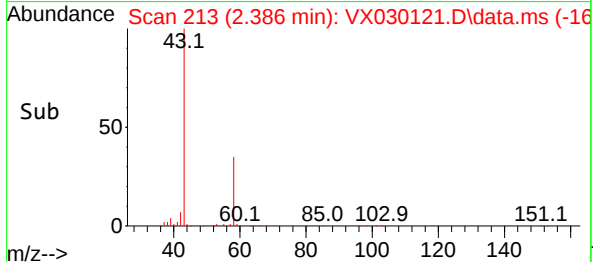
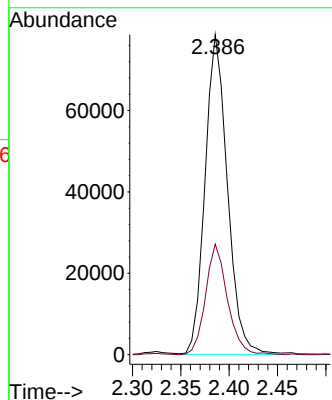
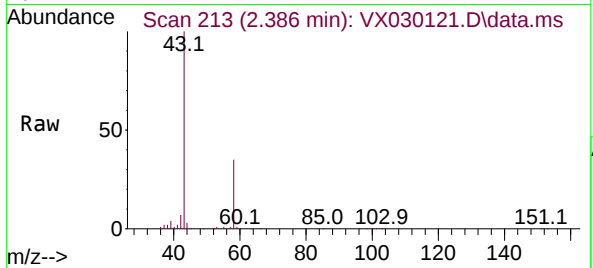




#13
Acetone
Concen: 107.754 ug/L
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
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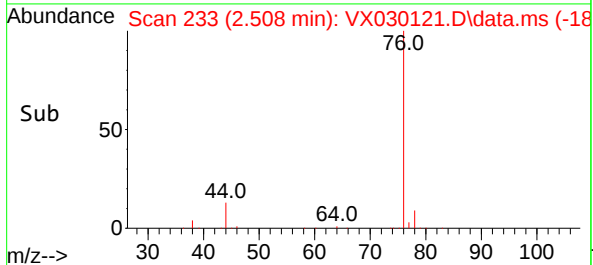
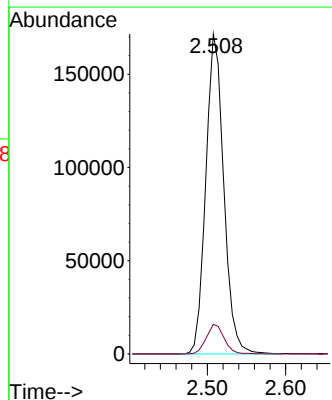
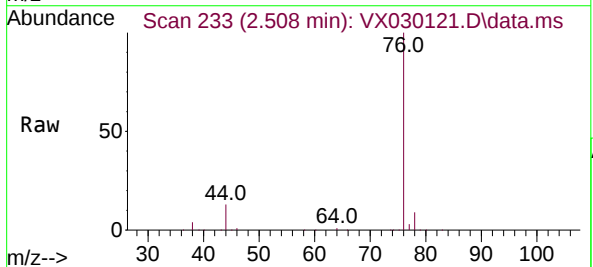
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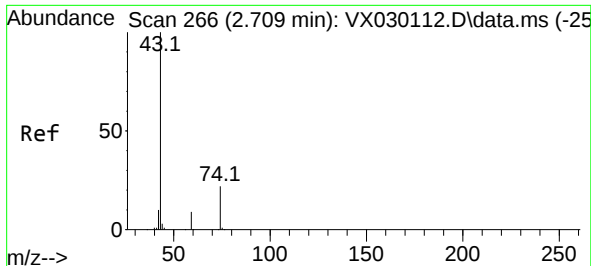
Tgt Ion: 43 Resp: 127030
Ion Ratio Lower Upper
43 100
58 33.4 0.0 65.6



#14
Carbon disulfide
Concen: 50.965 ug/L
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 272579
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

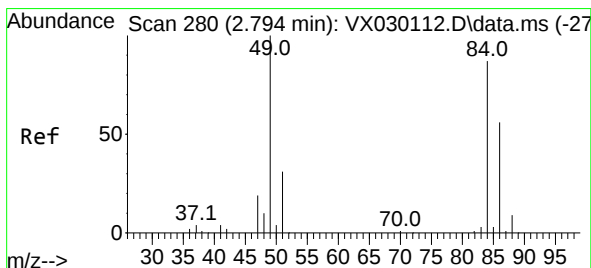
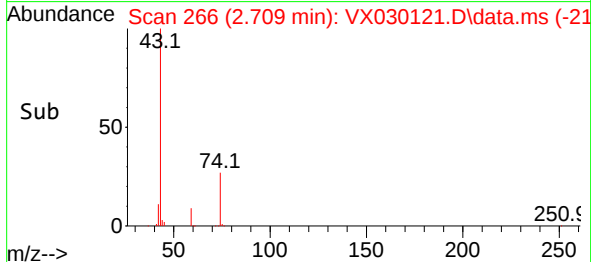
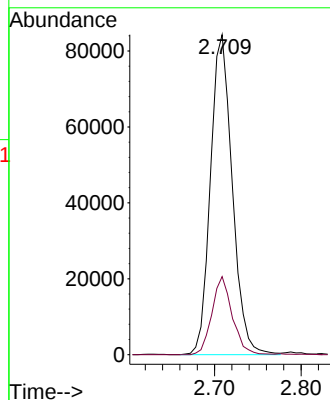
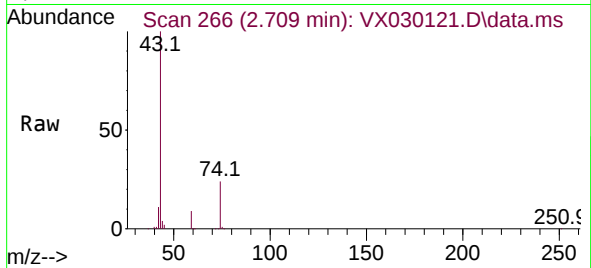




#15
Methyl Acetate
Concen: 54.934 ug/L
RT: 2.709 min Scan# 209
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

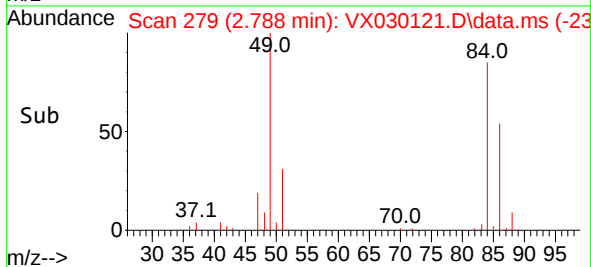
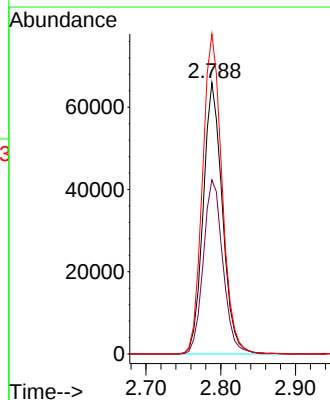
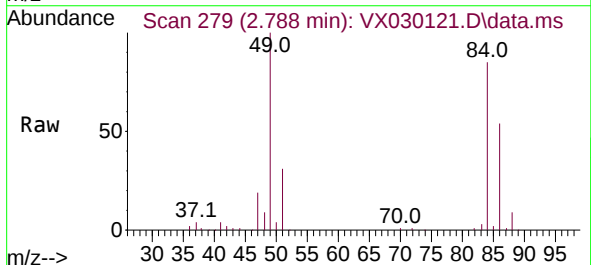
Instrument :
MSVOA_X
ClientSampleId :
VSTD050760

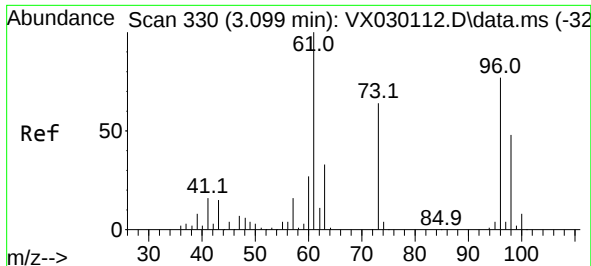
Tgt Ion: 43 Resp: 147495
Ion Ratio Lower Upper
43 100
74 22.7 18.7 28.1



#16
Methylene chloride
Concen: 51.293 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

Tgt Ion: 84 Resp: 117671
Ion Ratio Lower Upper
84 100
86 64.2 44.8 83.2
49 117.9 80.6 149.6

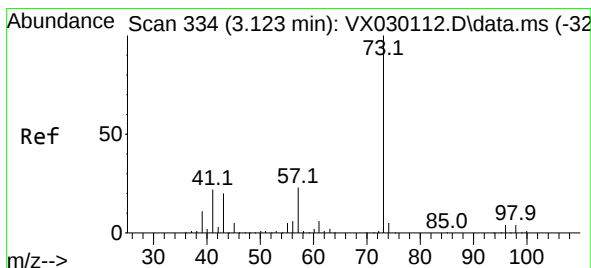
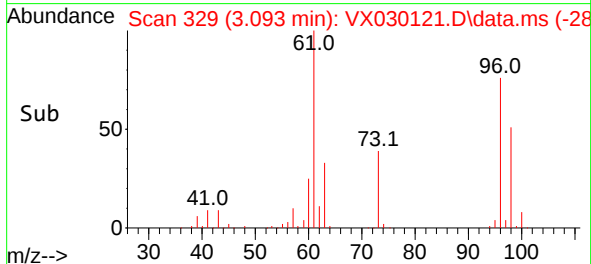
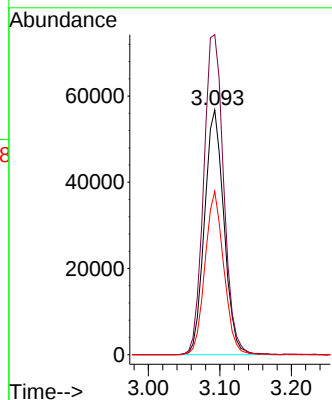
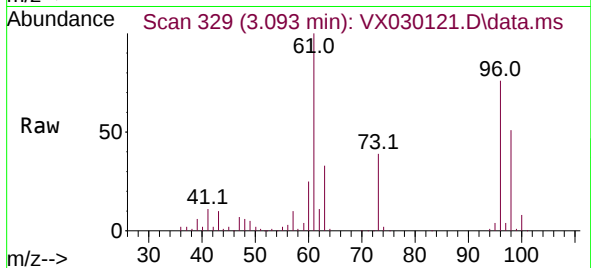




#17
trans-1,2-Dichloroethene
Concen: 52.998 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

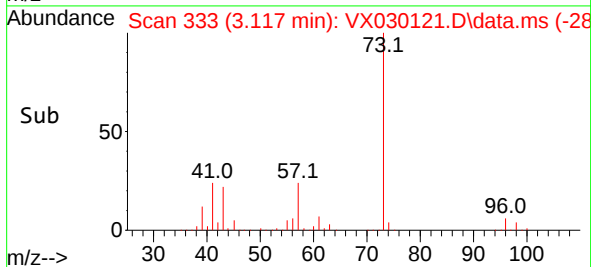
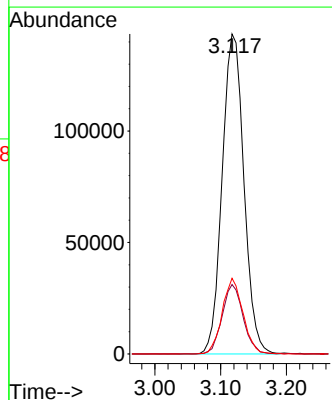
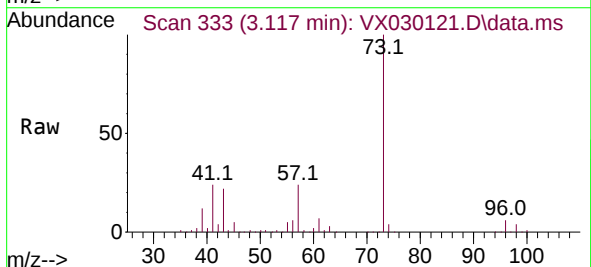
Instrument :
MSVOA_X
ClientSampleId :
VSTD050760

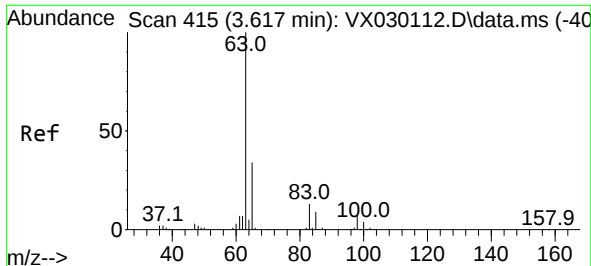
Tgt Ion: 96 Resp: 107180
Ion Ratio Lower Upper
96 100
61 130.7 90.4 168.0
98 66.8 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 52.973 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

Tgt Ion: 73 Resp: 330029
Ion Ratio Lower Upper
73 100
43 21.0 16.2 24.4
57 22.5 17.7 26.5





#19

1,1-Dichloroethane

Concen: 52.619 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX030121.D

Acq: 19 Jul 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTD050760

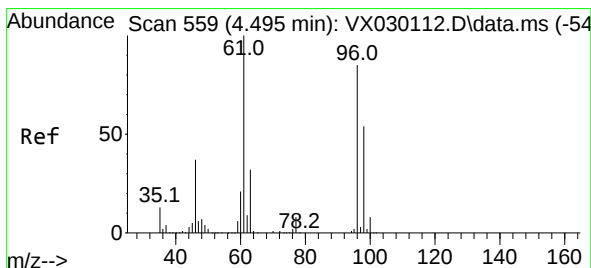
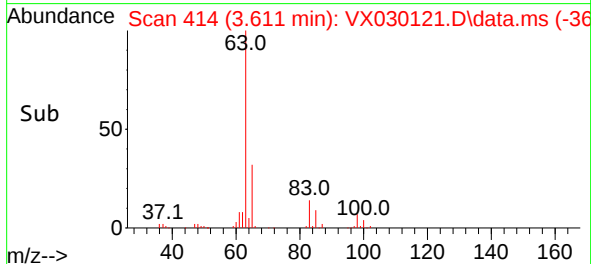
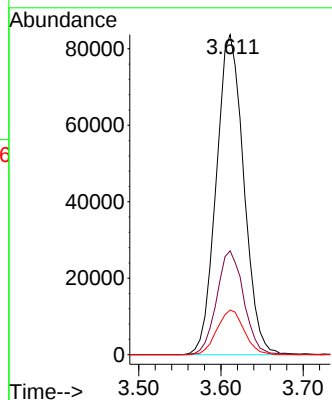
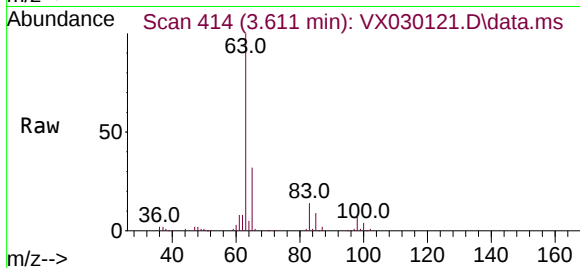
Tgt Ion: 63 Resp: 194513

Ion Ratio Lower Upper

63 100

65 32.4 23.4 43.6

83 13.9 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 51.986 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX030121.D

Acq: 19 Jul 2022 17:12

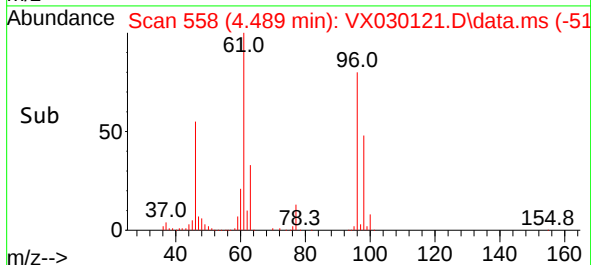
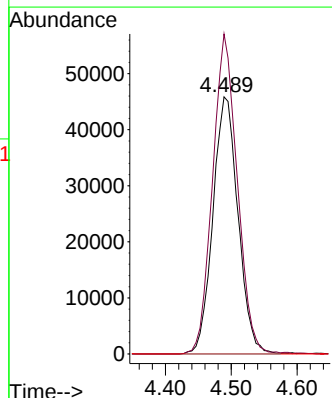
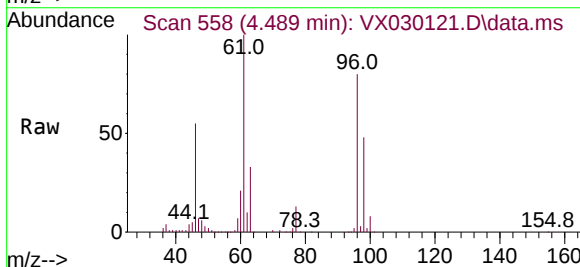
Tgt Ion: 96 Resp: 122069

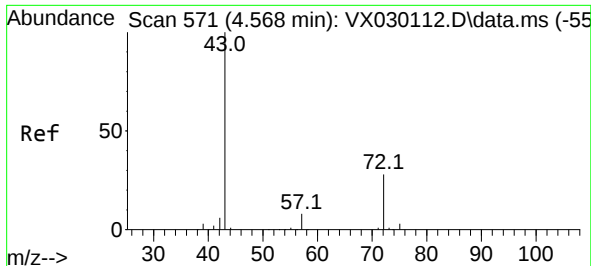
Ion Ratio Lower Upper

96 100

61 124.4 82.1 152.5

68 0.0 0.0 0.0

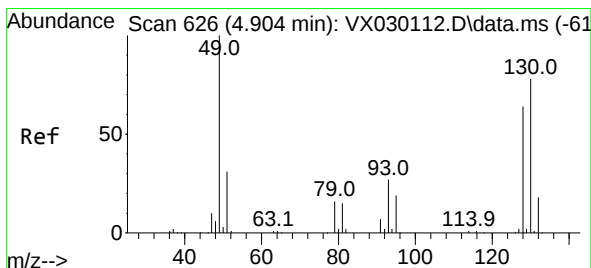
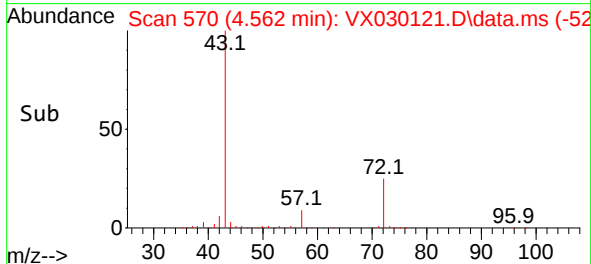
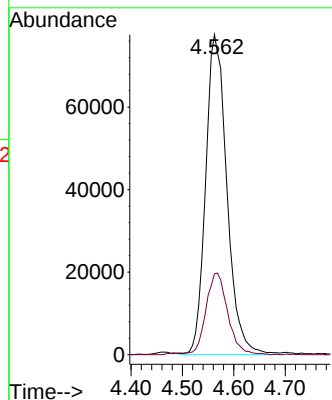
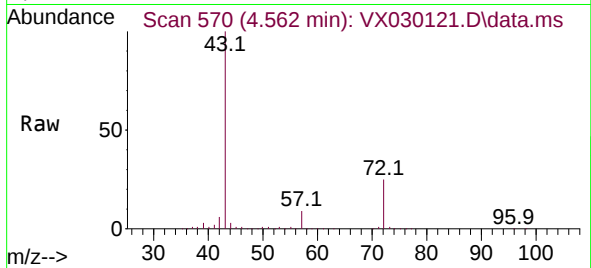




#22
2-Butanone
Concen: 110.709 ug/L
RT: 4.562 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

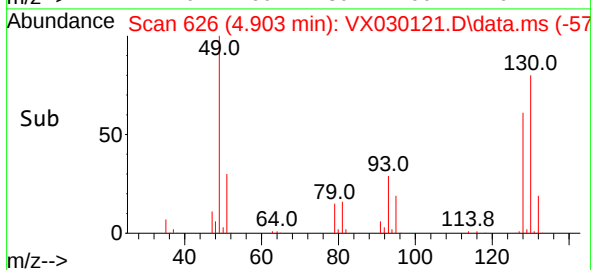
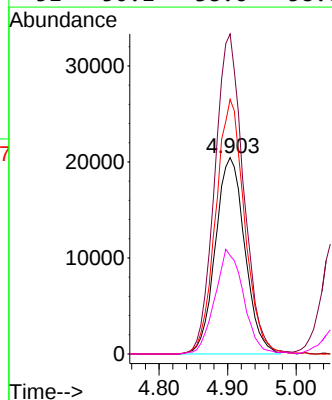
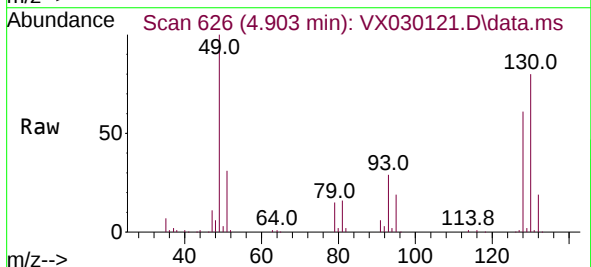
Instrument :
MSVOA_X
ClientSampleId :
VSTD050760

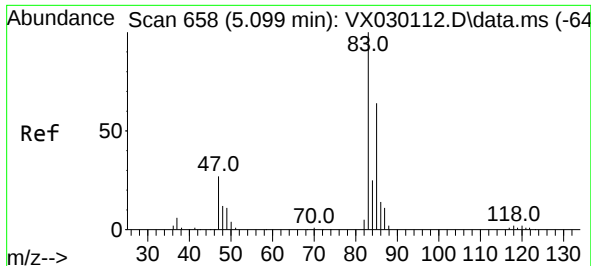
Tgt Ion: 43 Resp: 223148
Ion Ratio Lower Upper
43 100
72 26.0 13.1 39.3



#23
Bromochloromethane
Concen: 52.188 ug/L
RT: 4.903 min Scan# 626
Delta R.T. -0.001 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

Tgt Ion: 128 Resp: 60981
Ion Ratio Lower Upper
128 100
49 163.0 110.0 204.4
130 129.7 86.0 159.6
51 50.1 38.6 58.0





#25

Chloroform

Concen: 51.563 ug/L

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX030121.D

Acq: 19 Jul 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

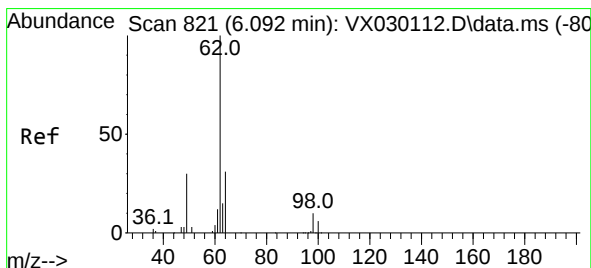
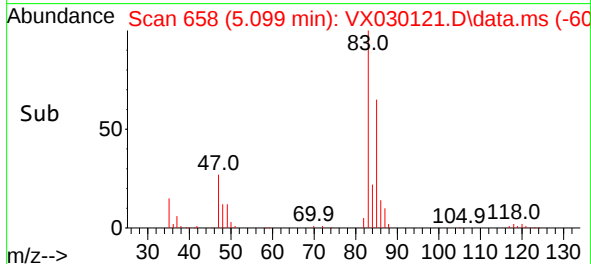
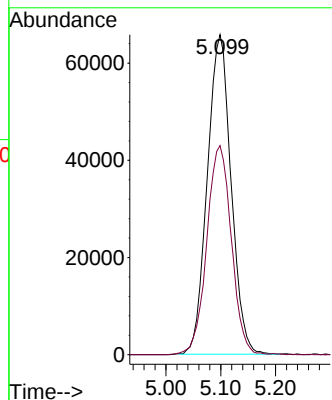
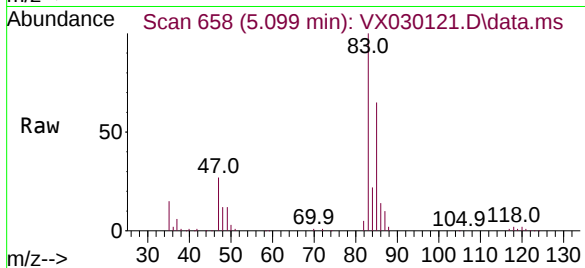
VSTD050760

Tgt Ion: 83 Resp: 197845

Ion Ratio Lower Upper

83 100

85 65.3 44.7 82.9



#27

1,2-Dichloroethane

Concen: 52.686 ug/L

RT: 6.092 min Scan# 821

Delta R.T. -0.000 min

Lab File: VX030121.D

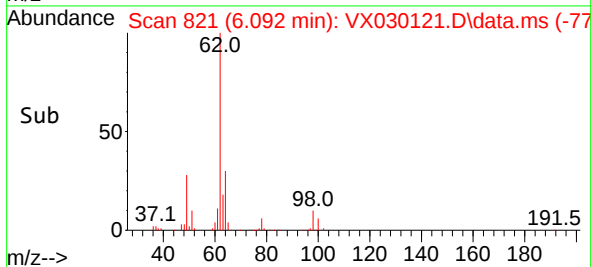
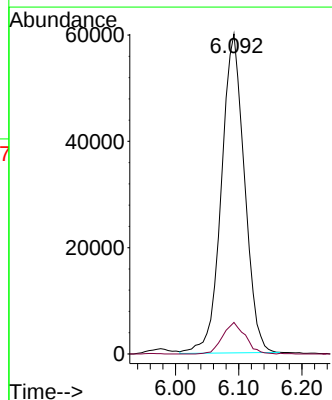
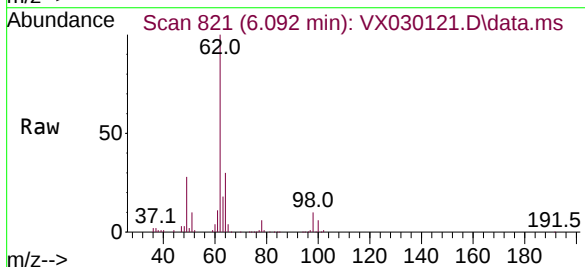
Acq: 19 Jul 2022 17:12

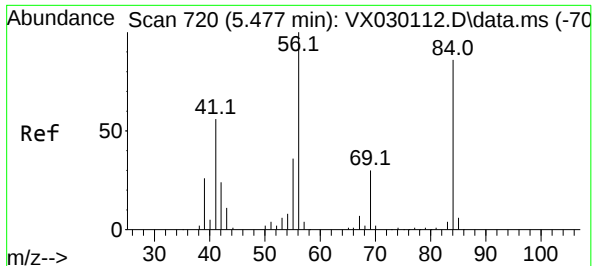
Tgt Ion: 62 Resp: 151831

Ion Ratio Lower Upper

62 100

98 9.9 8.0 12.0

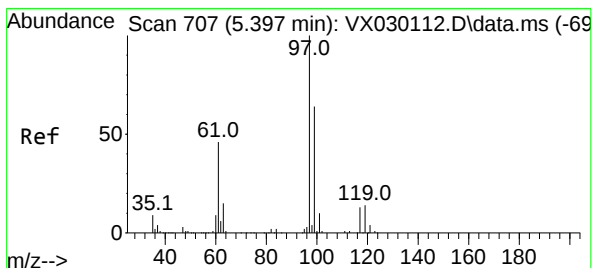
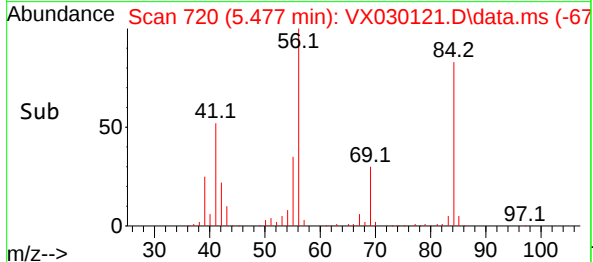
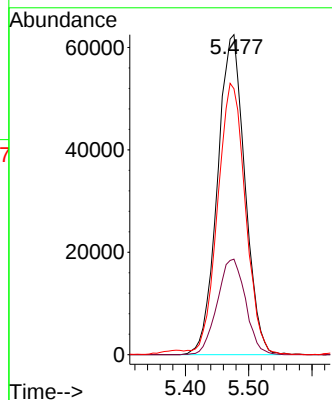
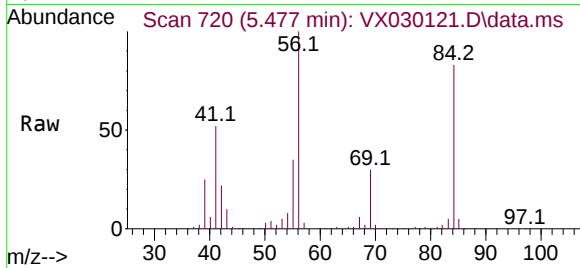




#29
Cyclohexane
Concen: 54.086 ug/L
RT: 5.477 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

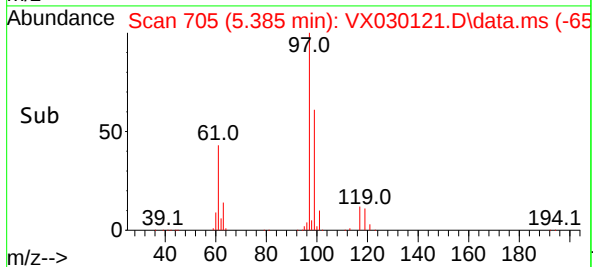
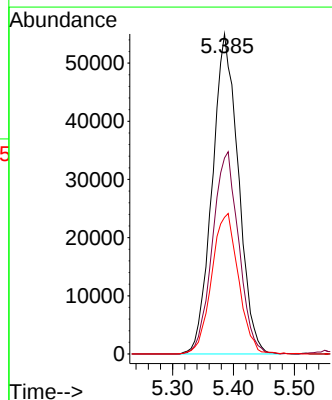
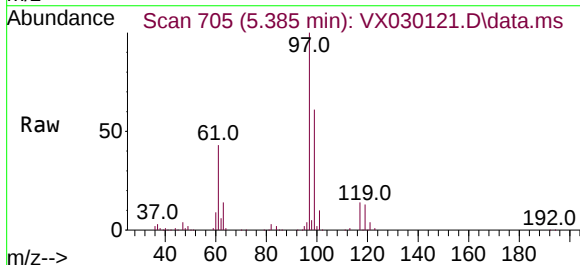
Instrument :
MSVOA_X
ClientSampleId :
VSTD050760

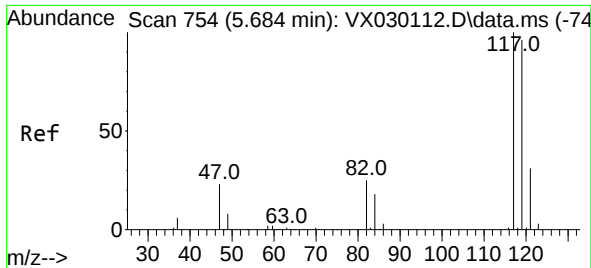
Tgt Ion: 56 Resp: 188049
Ion Ratio Lower Upper
56 100
69 30.7 24.2 36.2
84 85.9 70.4 105.6



#30
1,1,1-Trichloroethane
Concen: 52.539 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

Tgt Ion: 97 Resp: 163873
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 44.9 36.8 55.2

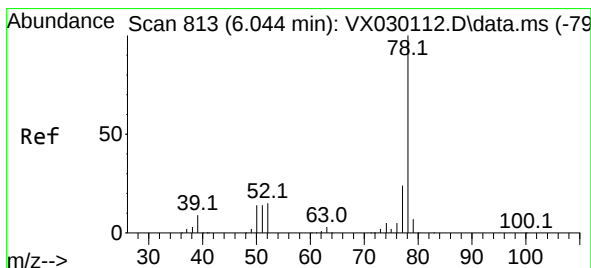
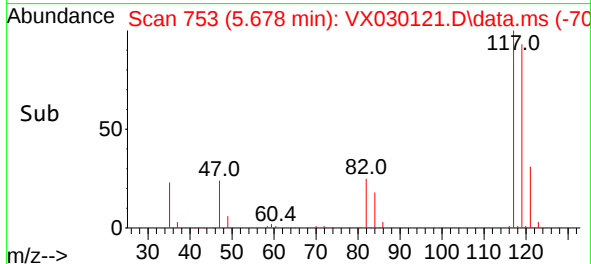
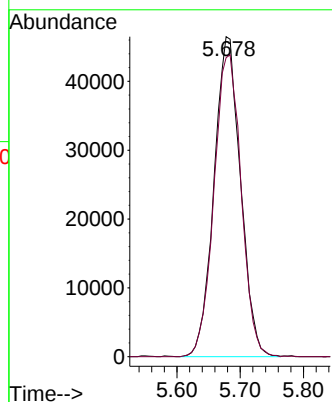
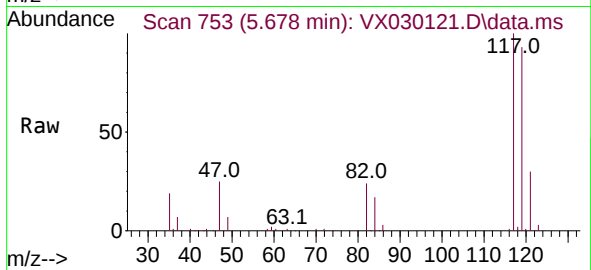




#31
Carbon tetrachloride
Concen: 52.512 ug/L
RT: 5.678 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

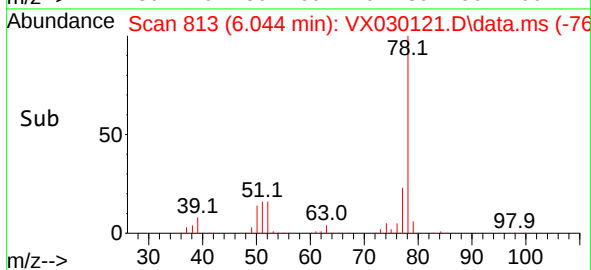
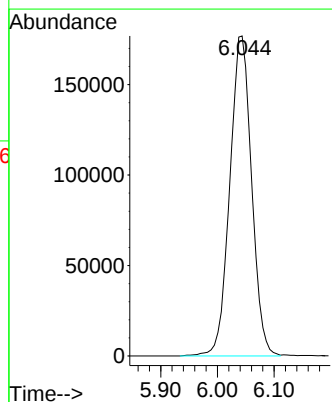
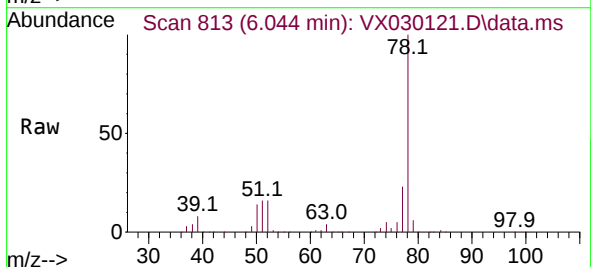
Instrument :
MSVOA_X
ClientSampleId :
VSTD050760

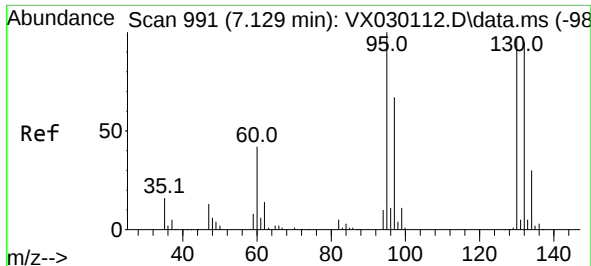
Tgt Ion:117 Resp: 134919
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.2



#33
Benzene
Concen: 53.548 ug/L
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

Tgt Ion: 78 Resp: 472675

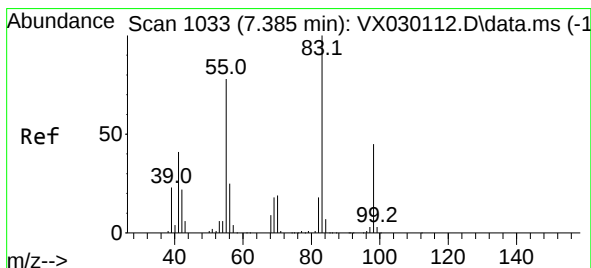
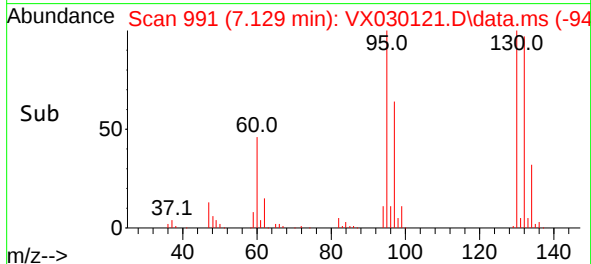
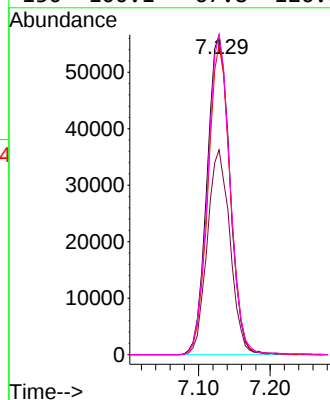
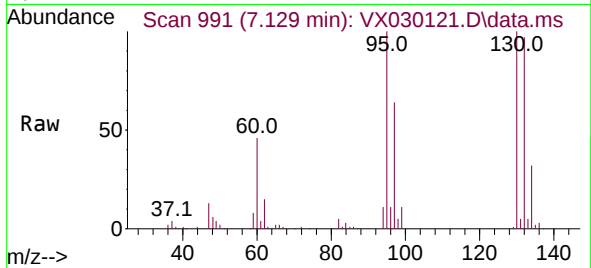




#34
Trichloroethene
Concen: 52.792 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

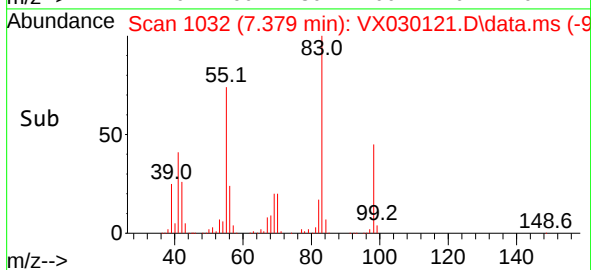
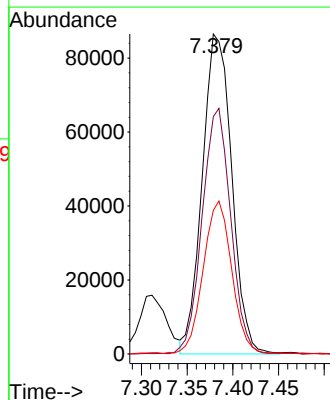
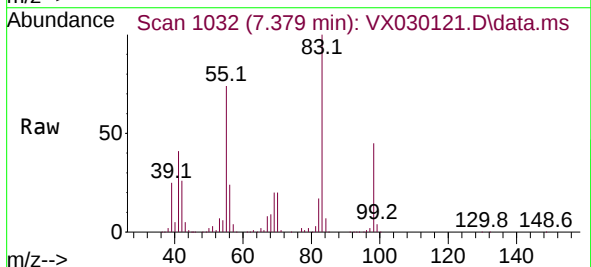
Instrument :
MSVOA_X
ClientSampleId :
VSTD050760

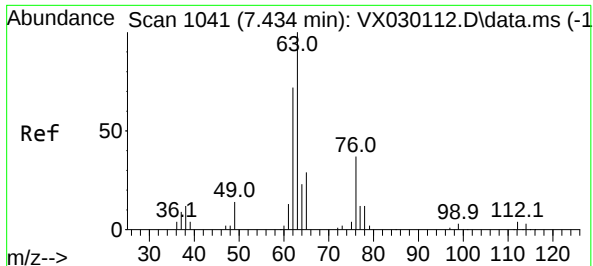
Tgt Ion: 95 Resp: 124813
Ion Ratio Lower Upper
95 100
97 64.1 46.6 86.6
132 96.9 66.4 123.2
130 100.1 67.8 126.0



#35
Methylcyclohexane
Concen: 54.621 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

Tgt Ion: 83 Resp: 194273
Ion Ratio Lower Upper
83 100
55 74.0 59.7 89.5
98 46.1 37.0 55.6





#37

1,2-Dichloropropane

Concen: 52.936 ug/L

RT: 7.434 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030121.D

Acq: 19 Jul 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

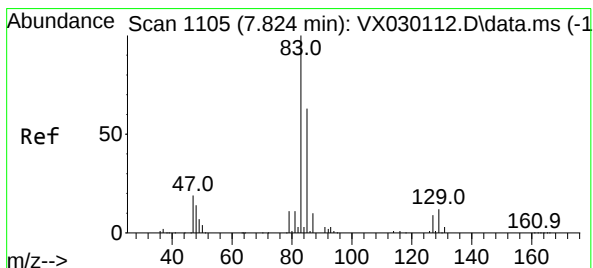
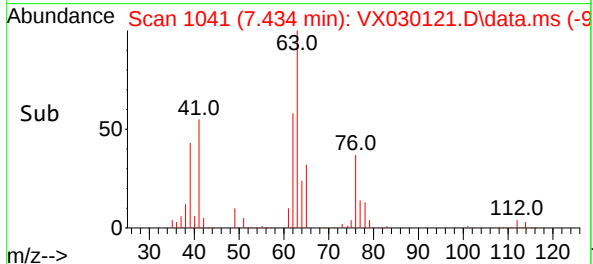
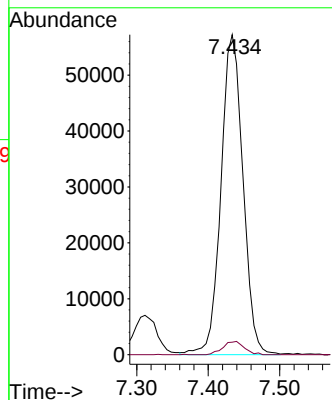
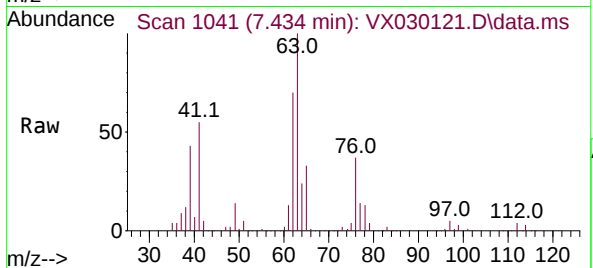
VSTD050760

Tgt Ion: 63 Resp: 122292

Ion Ratio Lower Upper

63 100

112 4.0 3.1 4.7



#38

Bromodichloromethane

Concen: 51.635 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX030121.D

Acq: 19 Jul 2022 17:12

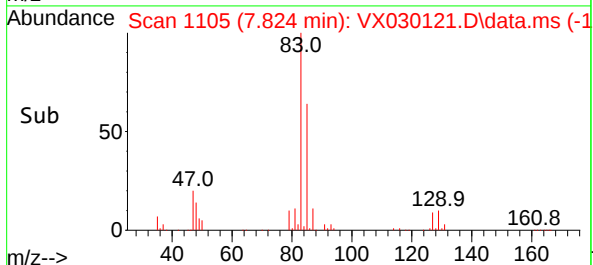
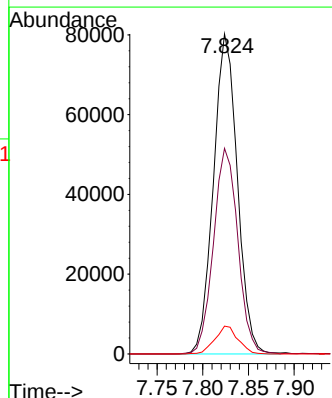
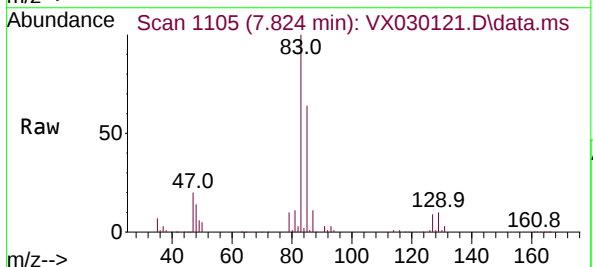
Tgt Ion: 83 Resp: 145952

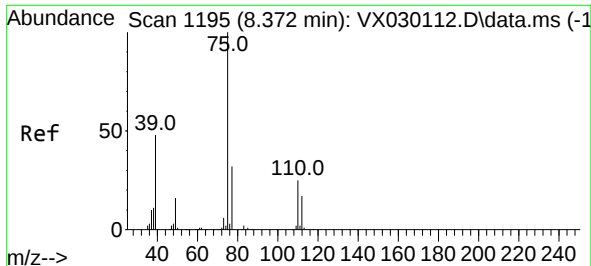
Ion Ratio Lower Upper

83 100

85 64.2 44.0 81.8

127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 52.617 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030121.D

Acq: 19 Jul 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

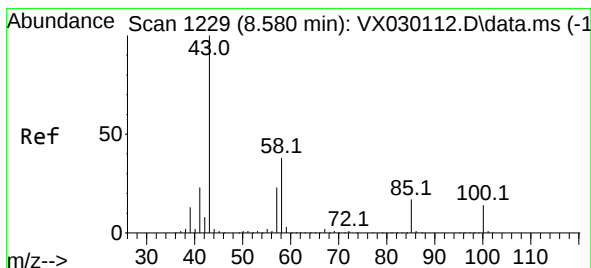
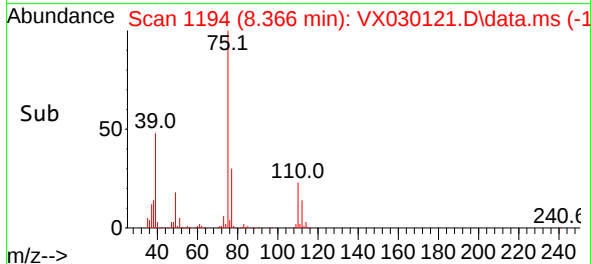
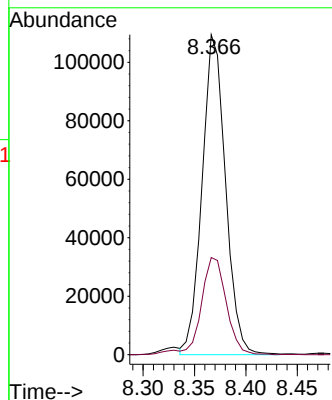
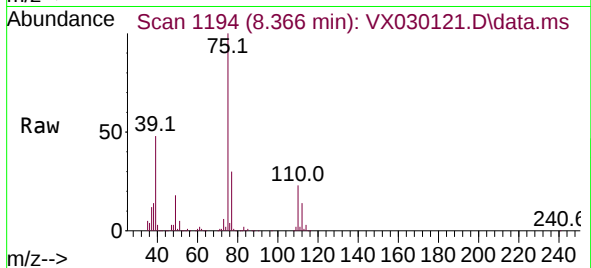
VSTD050760

Tgt Ion: 75 Resp: 173763

Ion Ratio Lower Upper

75 100

77 30.4 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 109.926 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX030121.D

Acq: 19 Jul 2022 17:12

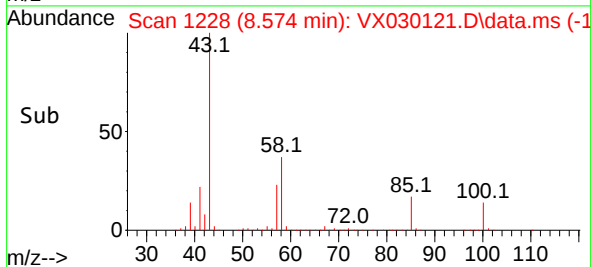
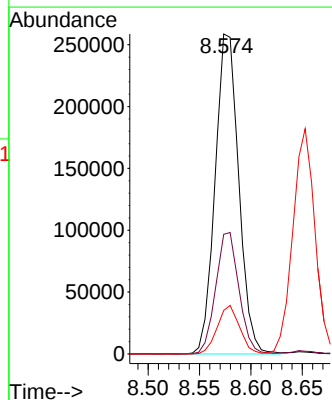
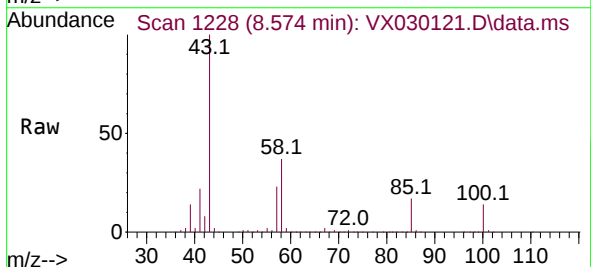
Tgt Ion: 43 Resp: 413100

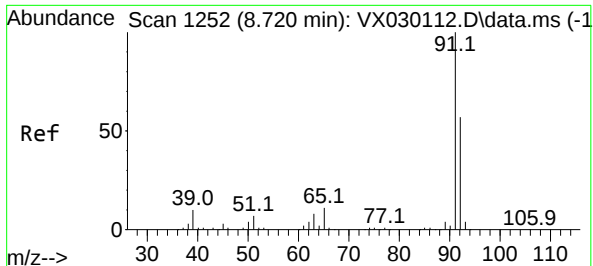
Ion Ratio Lower Upper

43 100

58 37.3 30.9 46.3

100 14.3 11.5 17.3





#42

Toluene

Concen: 53.740 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030121.D

Acq: 19 Jul 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

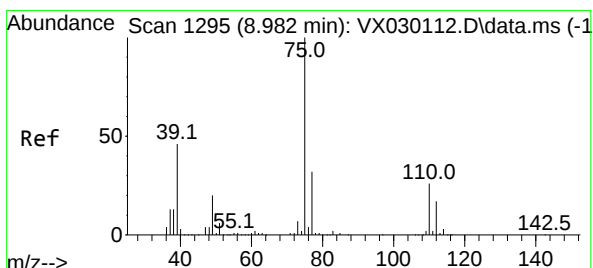
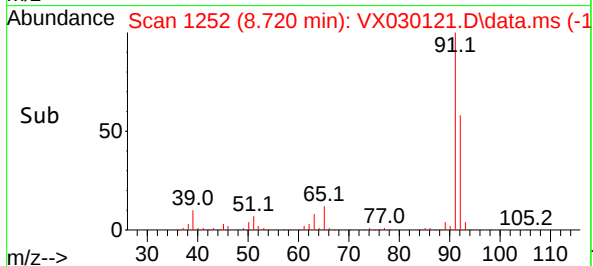
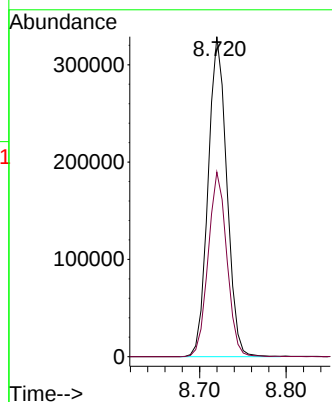
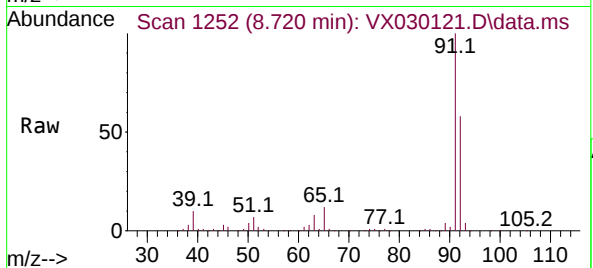
VSTD050760

Tgt Ion: 91 Resp: 492547

Ion Ratio Lower Upper

91 100

92 57.7 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 52.375 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX030121.D

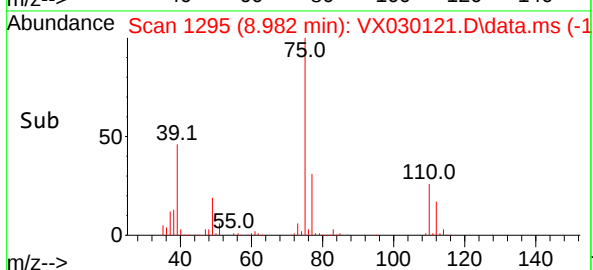
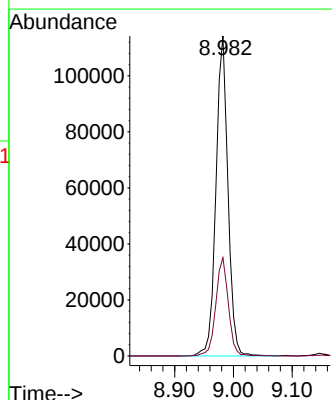
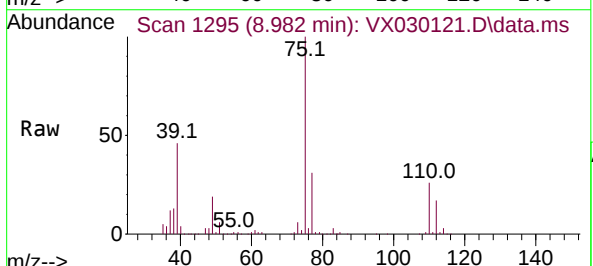
Acq: 19 Jul 2022 17:12

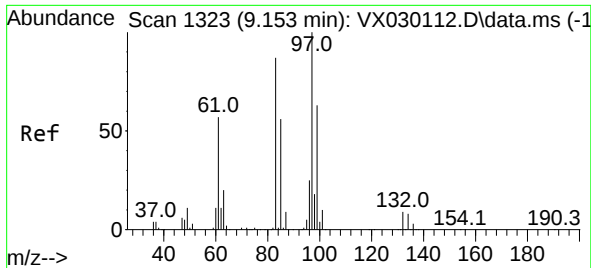
Tgt Ion: 75 Resp: 161980

Ion Ratio Lower Upper

75 100

77 30.7 22.2 41.2



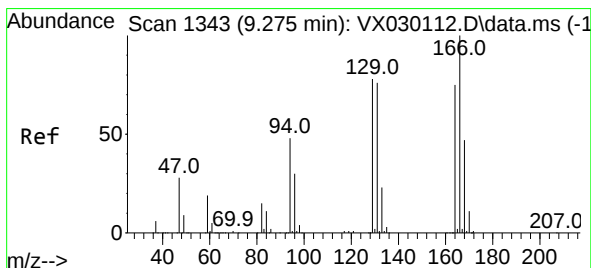
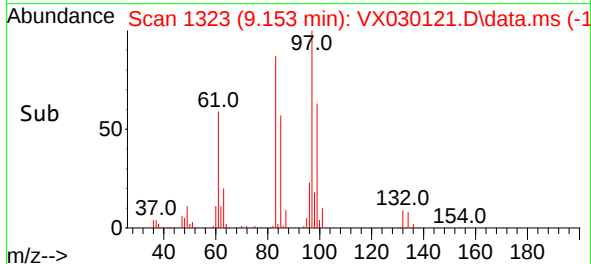
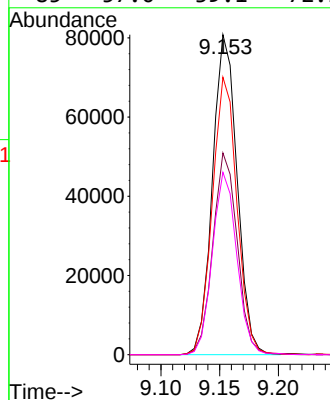
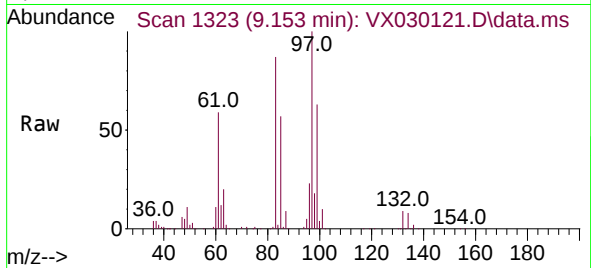


#45
1,1,2-Trichloroethane
Concen: 53.227 ug/L
RT: 9.153 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

Instrument :
MSVOA_X
ClientSampleId :
VSTD050760

Tgt Ion: 97 Resp: 117675

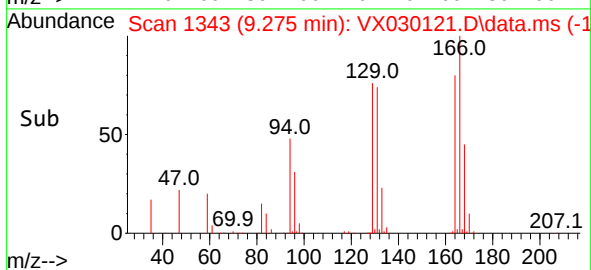
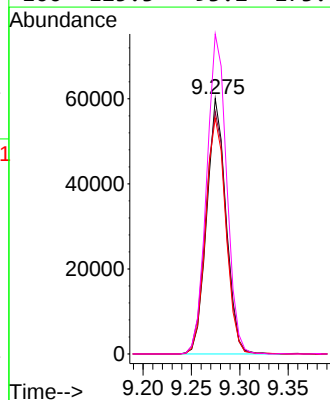
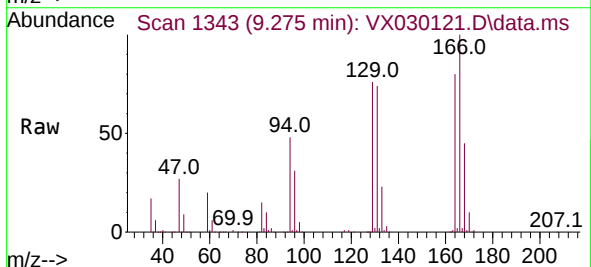
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.8	81.4
83	86.7	61.2	113.8
85	57.0	39.1	72.5

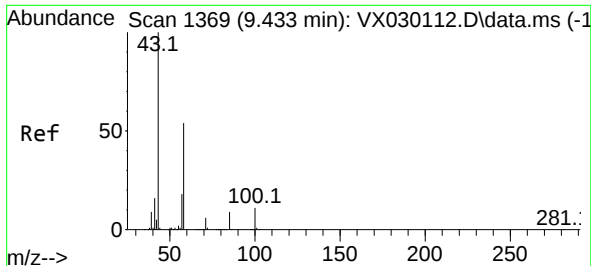


#46
Tetrachloroethene
Concen: 51.041 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

Tgt Ion: 164 Resp: 83600

Ion	Ratio	Lower	Upper
164	100		
129	94.9	73.0	135.6
131	92.4	70.7	131.3
166	125.3	93.2	173.0

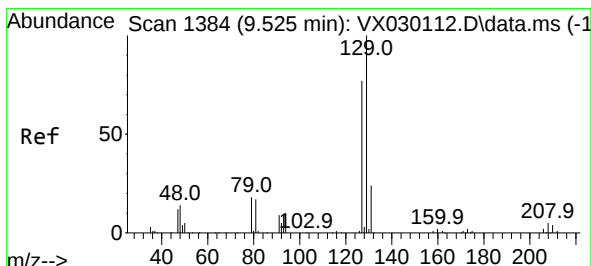
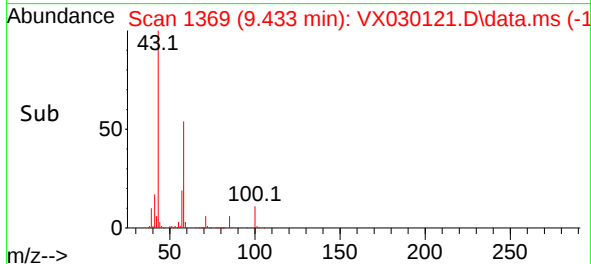
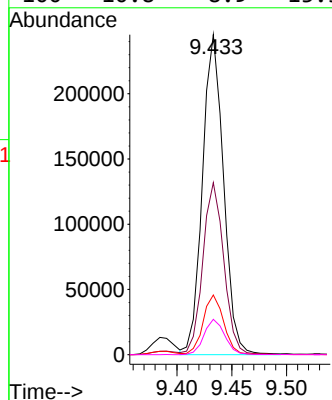
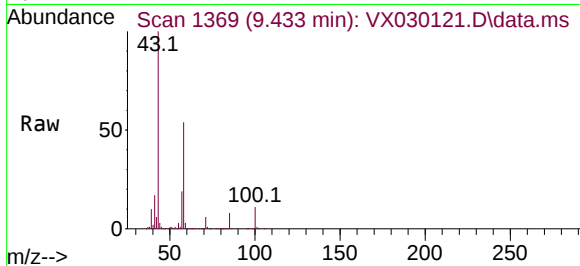




#48
2-Hexanone
Concen: 109.054 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

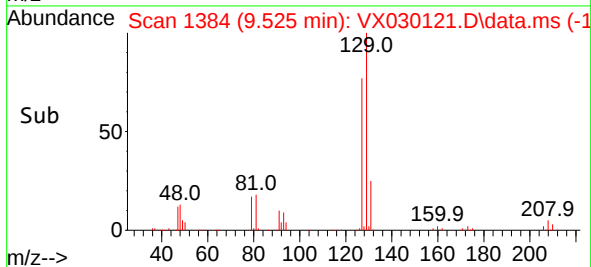
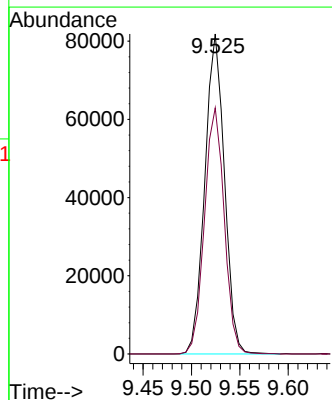
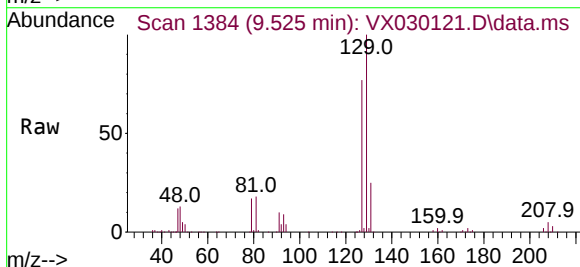
Instrument :
MSVOA_X
ClientSampleId :
VSTD050760

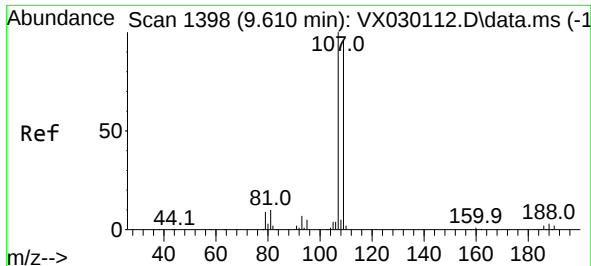
Tgt Ion: 43 Resp: 329099
Ion Ratio Lower Upper
43 100
58 53.5 43.4 65.2
57 18.3 14.3 21.5
100 10.8 8.9 13.3



#49
Dibromochloromethane
Concen: 52.330 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

Tgt Ion: 129 Resp: 115764
Ion Ratio Lower Upper
129 100
127 76.9 53.6 99.6





#50

1,2-Dibromoethane

Concen: 52.301 ug/L

RT: 9.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030121.D

Acq: 19 Jul 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTD050760

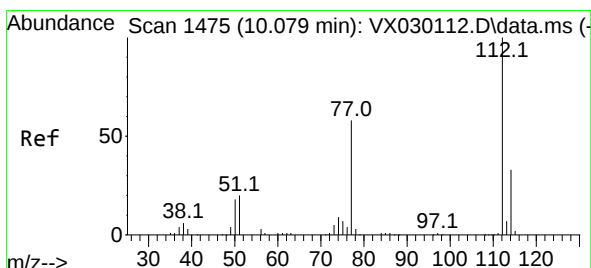
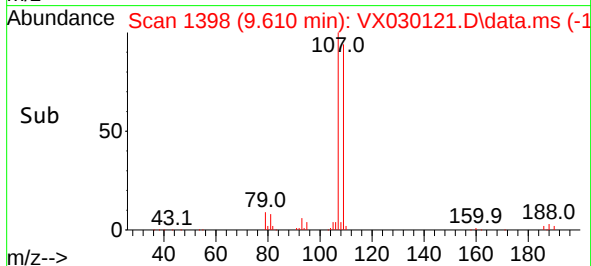
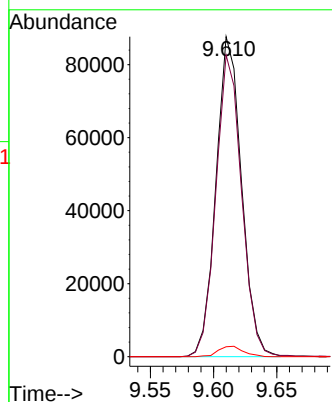
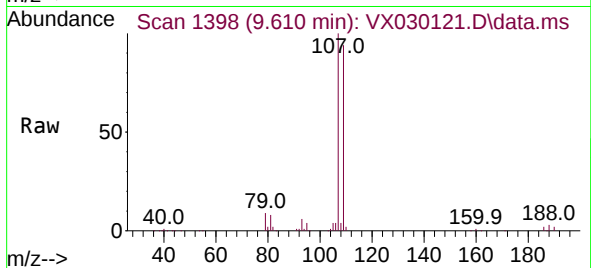
Tgt Ion:107 Resp: 122787

Ion Ratio Lower Upper

107 100

109 94.3 66.9 124.3

188 3.1 2.4 3.6



#51

Chlorobenzene

Concen: 53.098 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX030121.D

Acq: 19 Jul 2022 17:12

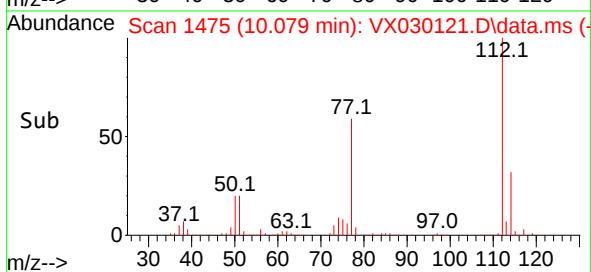
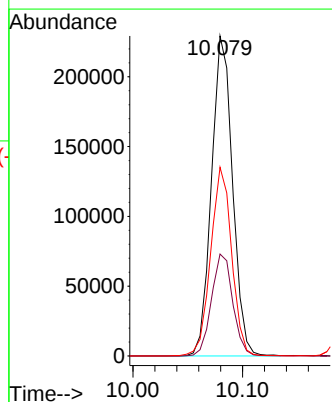
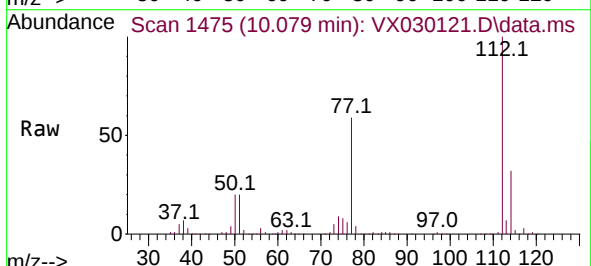
Tgt Ion:112 Resp: 305780

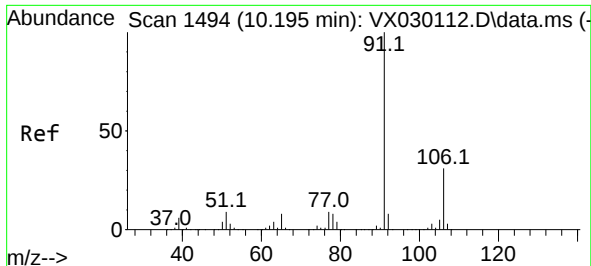
Ion Ratio Lower Upper

112 100

114 31.9 23.4 43.4

77 59.0 46.7 70.1

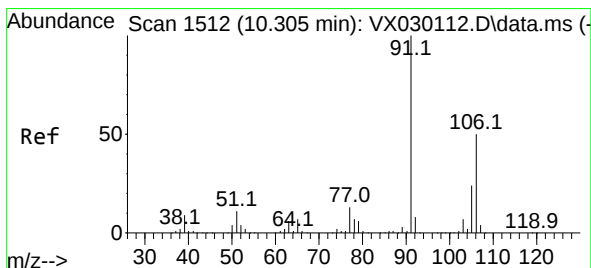
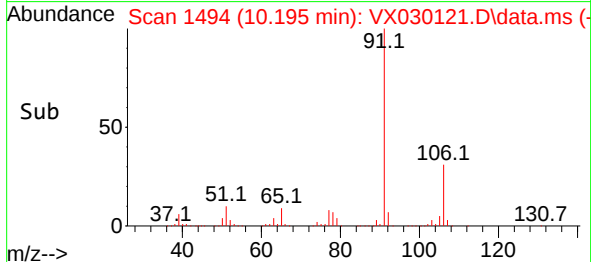
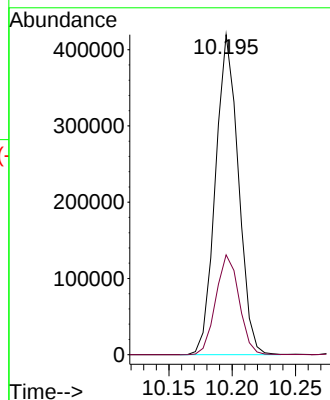
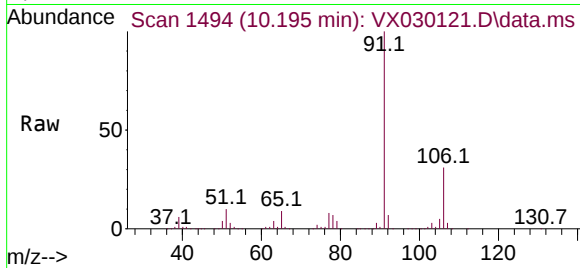




#52
Ethylbenzene
Concen: 54.059 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

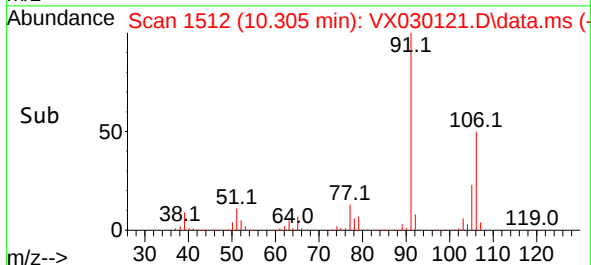
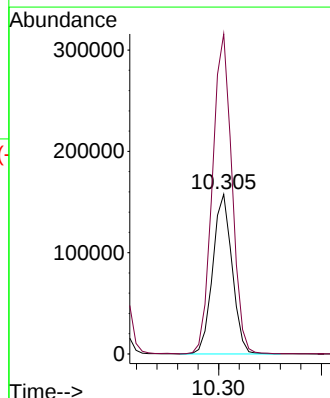
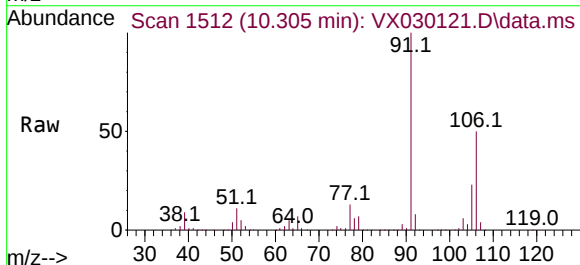
Instrument :
MSVOA_X
ClientSampleId :
VSTD050760

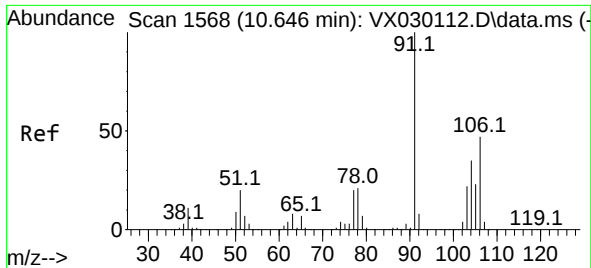
Tgt Ion: 91 Resp: 528107
Ion Ratio Lower Upper
91 100
106 31.2 21.7 40.3



#53
m,p-Xylene
Concen: 53.927 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

Tgt Ion: 106 Resp: 205359
Ion Ratio Lower Upper
106 100
91 200.3 139.7 259.5

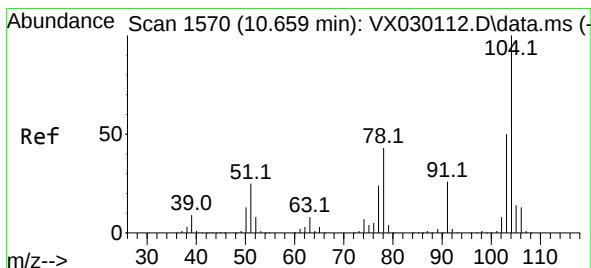
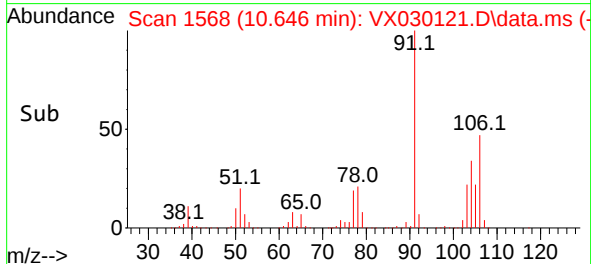
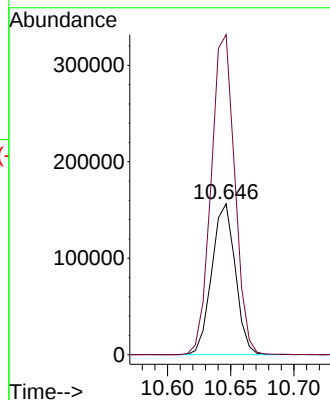
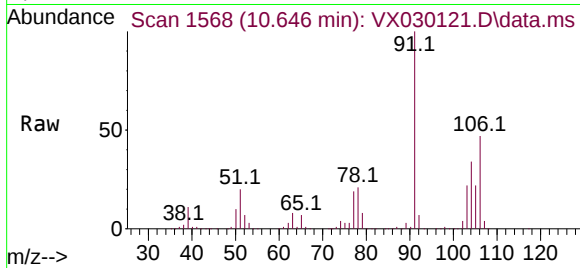




#54
o-Xylene
Concen: 54.622 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

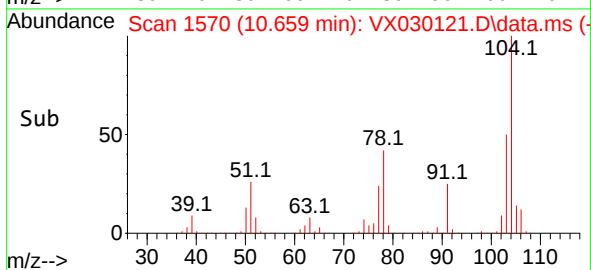
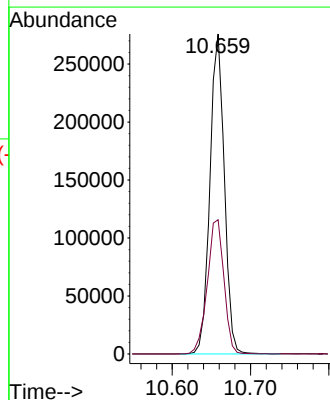
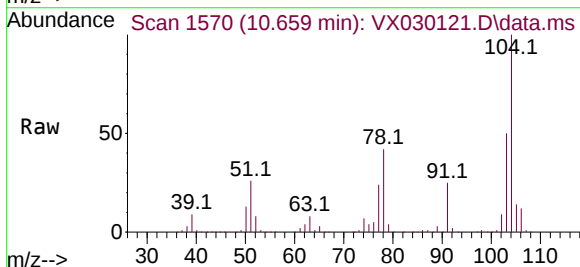
Instrument :
MSVOA_X
ClientSampleId :
VSTD050760

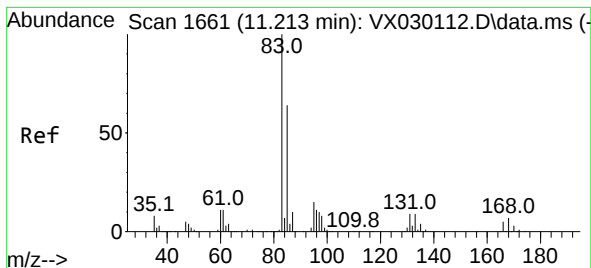
Tgt Ion:106 Resp: 201986
Ion Ratio Lower Upper
106 100
91 212.0 149.4 277.4



#55
Styrene
Concen: 55.213 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

Tgt Ion:104 Resp: 351735
Ion Ratio Lower Upper
104 100
78 41.9 30.3 56.3

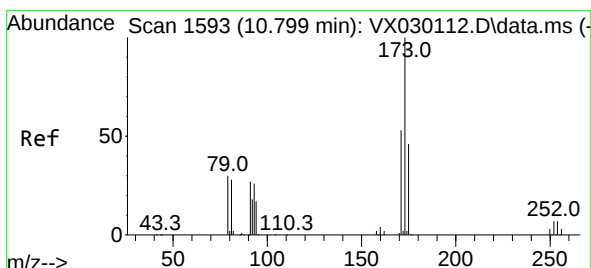
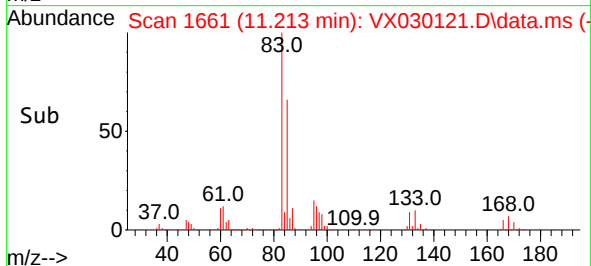
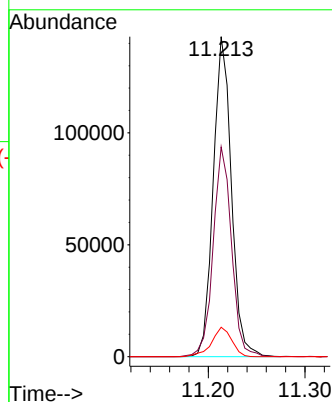
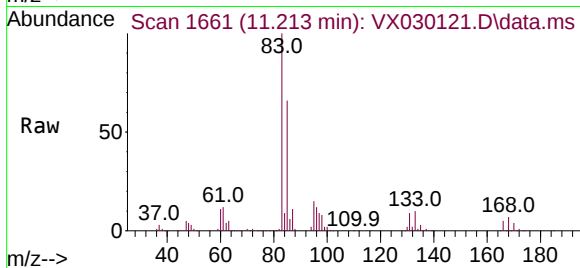




#57
1,1,2,2-Tetrachloroethane
Concen: 53.447 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

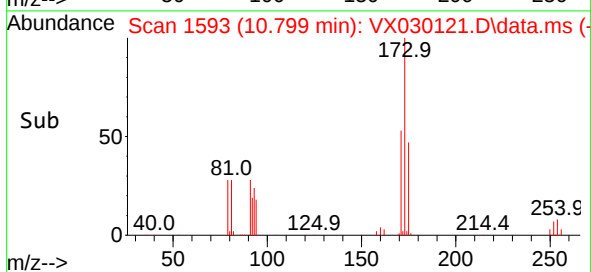
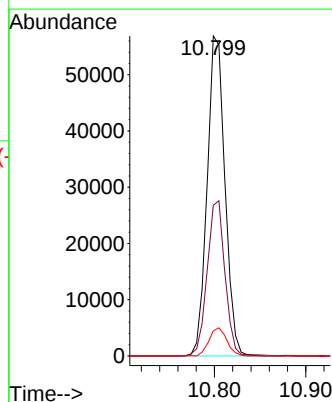
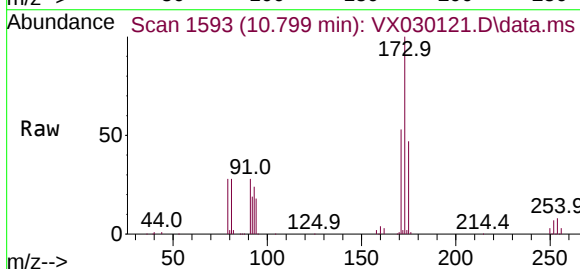
Instrument :
MSVOA_X
ClientSampleId :
VSTD050760

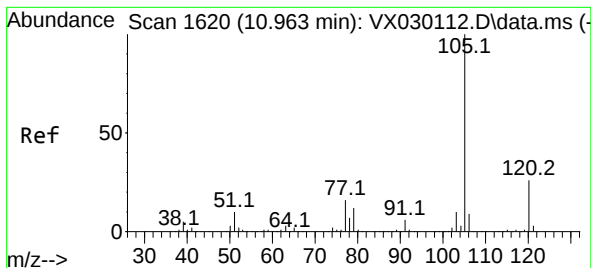
Tgt Ion: 83 Resp: 186472
Ion Ratio Lower Upper
83 100
85 65.6 44.7 83.1
131 9.2 7.2 10.8



#59
Bromoform
Concen: 49.828 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

Tgt Ion: 173 Resp: 76933
Ion Ratio Lower Upper
173 100
175 48.2 37.8 56.6
254 8.8 6.4 9.6





#60

Isopropylbenzene

Concen: 54.468 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030121.D

Acq: 19 Jul 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTD050760

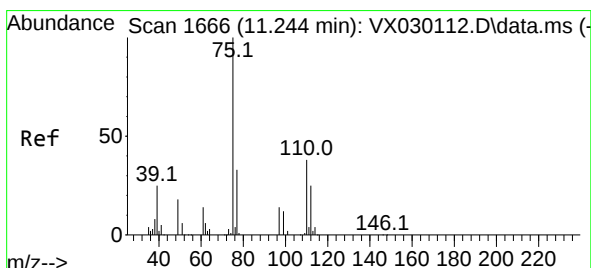
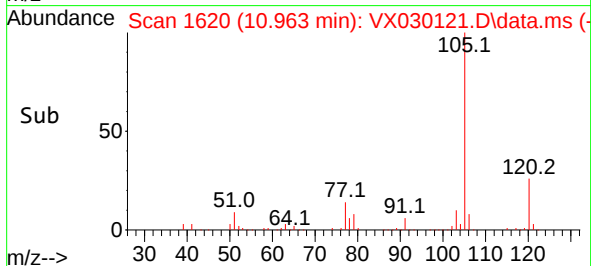
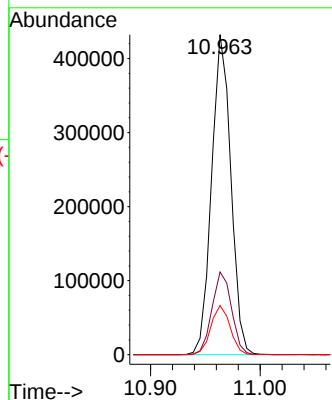
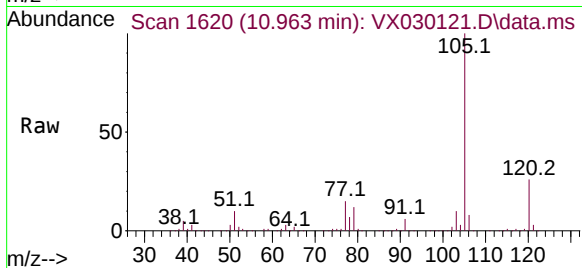
Tgt Ion:105 Resp: 527726

Ion Ratio Lower Upper

105 100

120 26.2 21.1 31.7

77 15.4 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 52.682 ug/L

RT: 11.244 min Scan# 1666

Delta R.T. -0.000 min

Lab File: VX030121.D

Acq: 19 Jul 2022 17:12

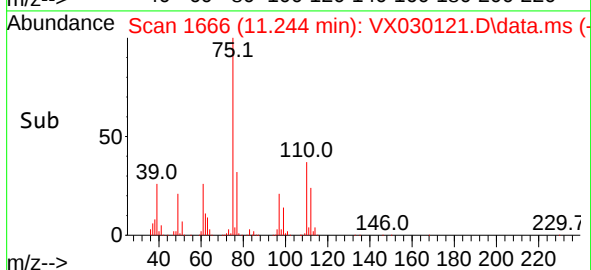
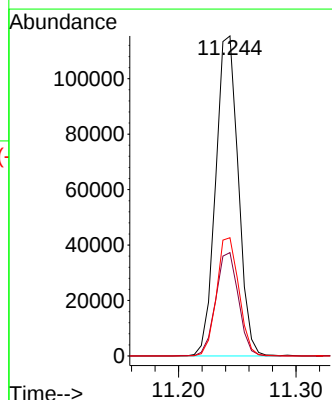
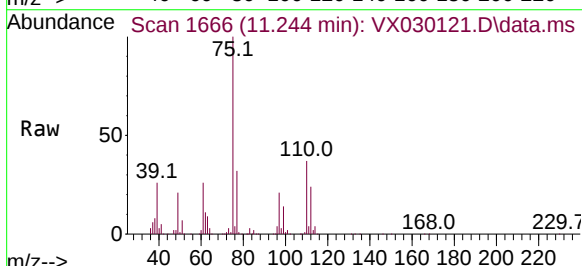
Tgt Ion: 75 Resp: 154479

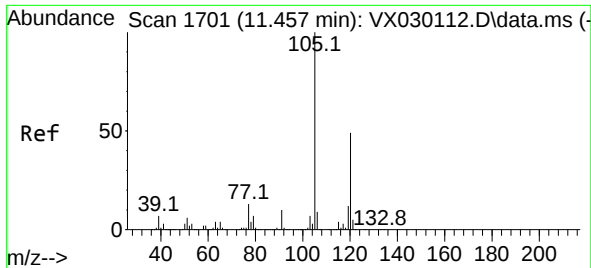
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8

110 36.5 30.2 45.2

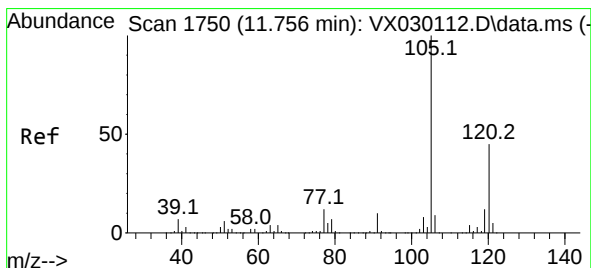
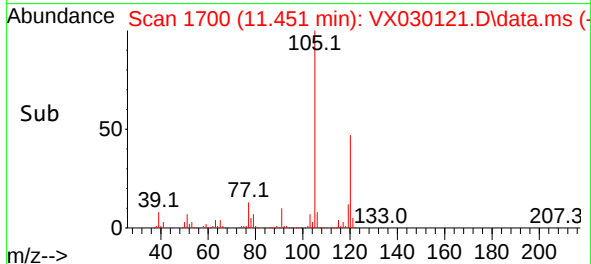
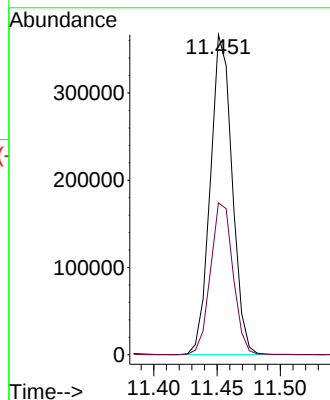
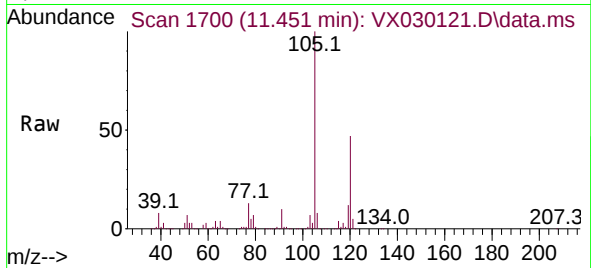




#62
1,3,5-Trimethylbenzene
Concen: 54.994 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

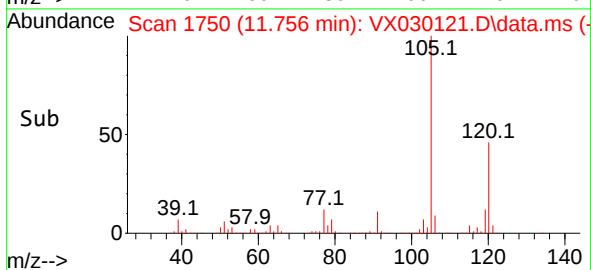
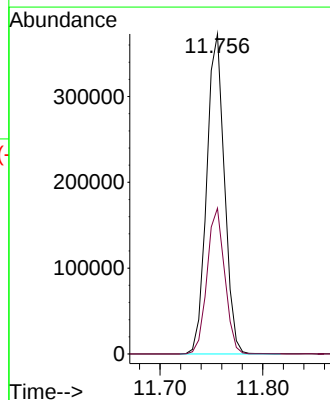
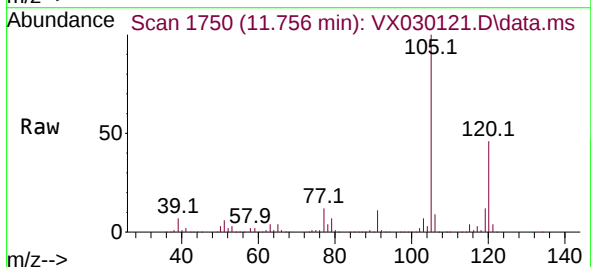
Instrument :
MSVOA_X
ClientSampleId :
VSTD050760

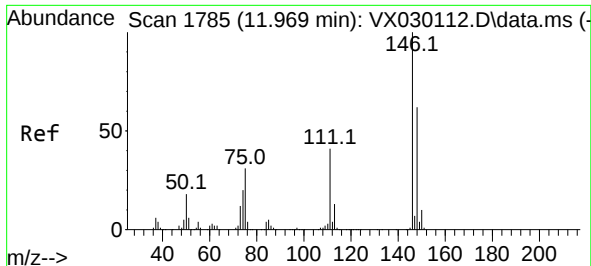
Tgt Ion:105 Resp: 440281
Ion Ratio Lower Upper
105 100
120 49.0 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 55.927 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

Tgt Ion:105 Resp: 446436
Ion Ratio Lower Upper
105 100
120 45.4 36.2 54.4

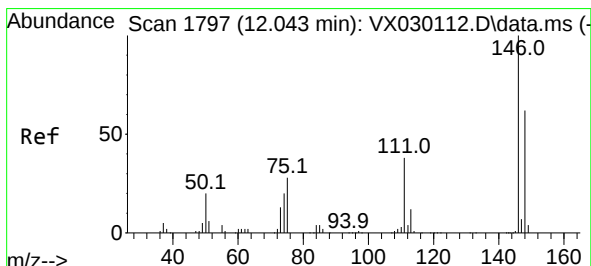
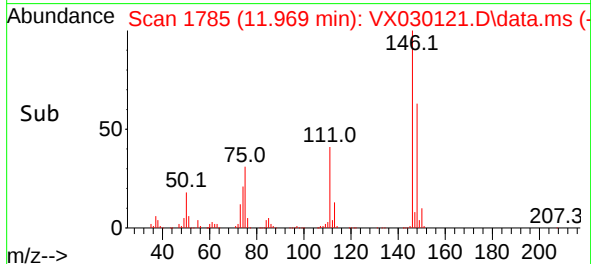
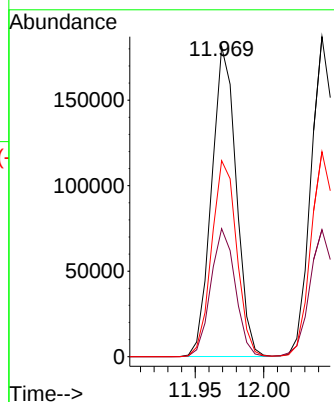
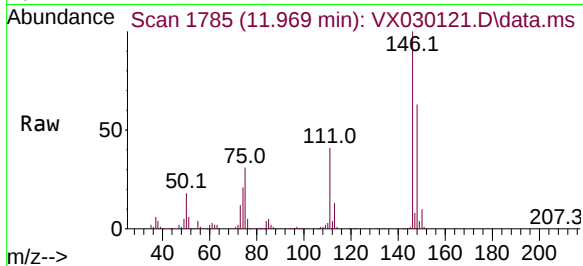




#64
1,3-Dichlorobenzene
Concen: 53.176 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

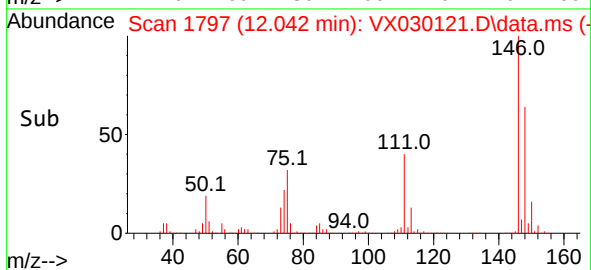
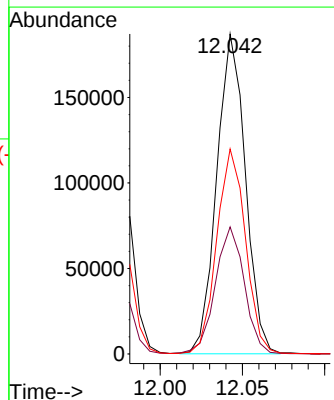
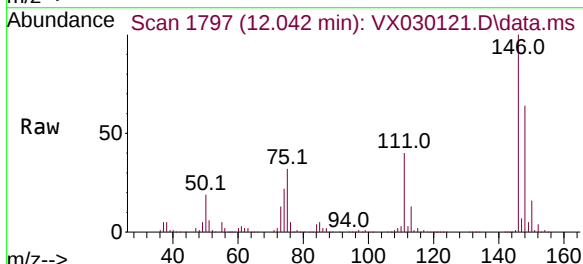
Instrument :
MSVOA_X
ClientSampleId :
VSTD050760

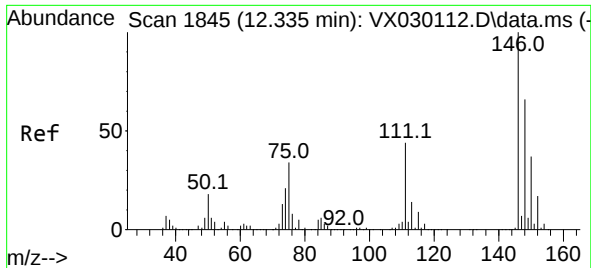
Tgt Ion:146 Resp: 226620
Ion Ratio Lower Upper
146 100
111 41.3 28.4 52.8
148 63.2 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 52.924 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

Tgt Ion:146 Resp: 226748
Ion Ratio Lower Upper
146 100
111 39.7 27.0 50.2
148 64.0 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 53.573 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX030121.D

Acq: 19 Jul 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTD050760

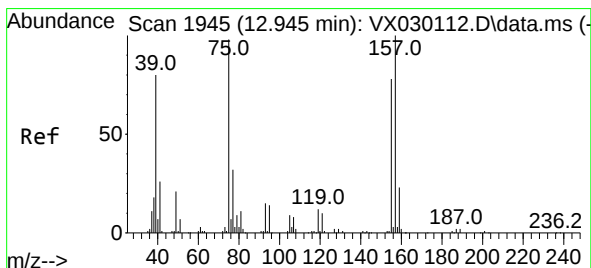
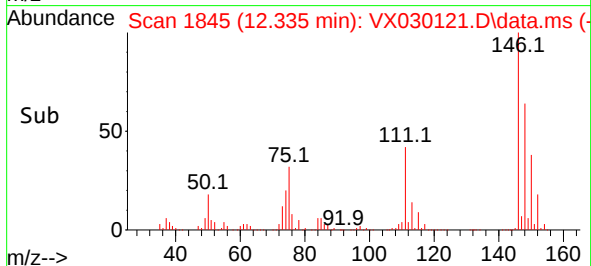
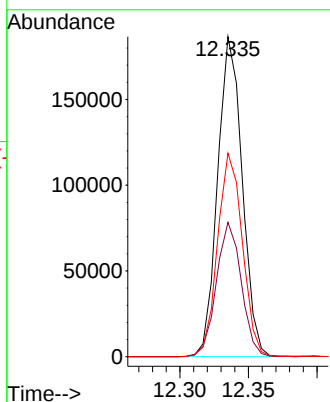
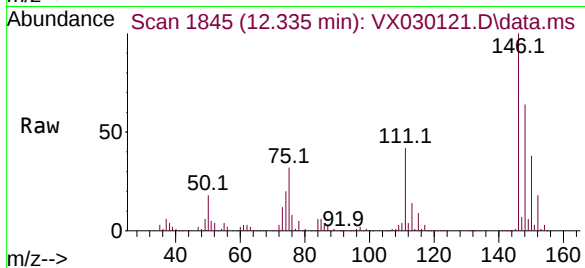
Tgt Ion:146 Resp: 232260

Ion Ratio Lower Upper

146 100

111 42.0 35.4 53.0

148 63.6 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 50.472 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX030121.D

Acq: 19 Jul 2022 17:12

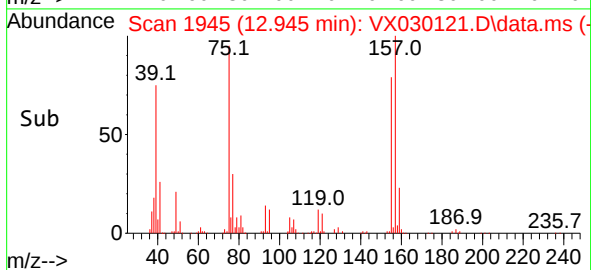
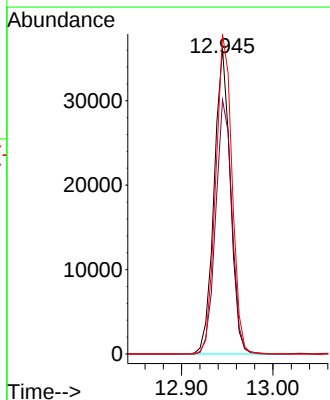
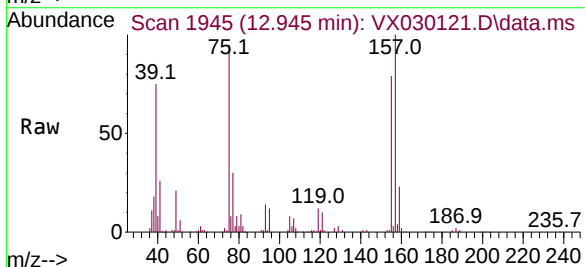
Tgt Ion: 75 Resp: 44446

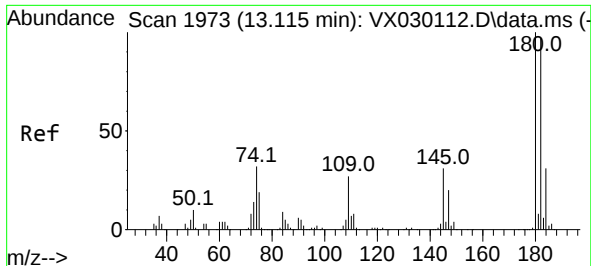
Ion Ratio Lower Upper

75 100

155 83.2 63.6 95.4

157 104.8 81.8 122.8

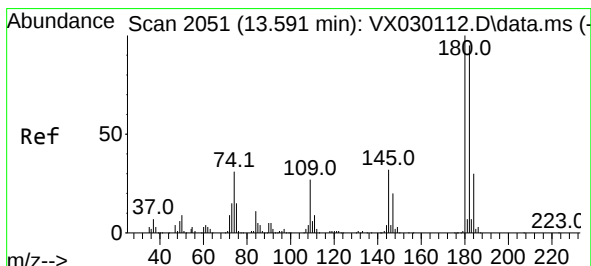
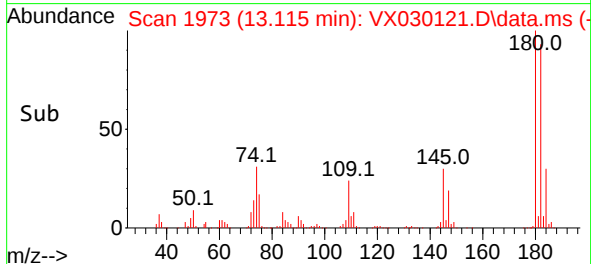
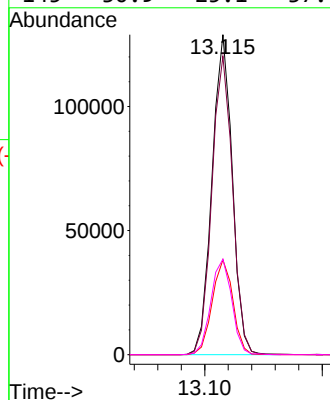
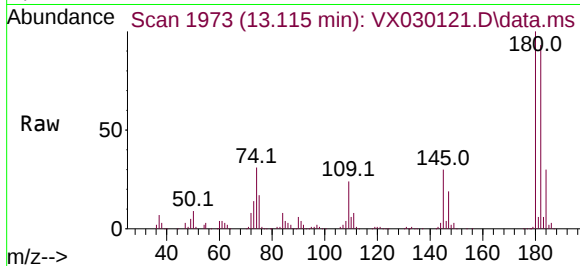




#69
1,3,5-Trichlorobenzene
Concen: 53.638 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

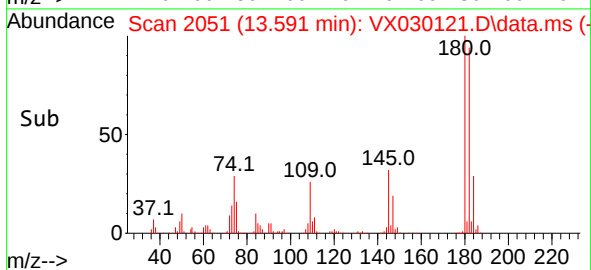
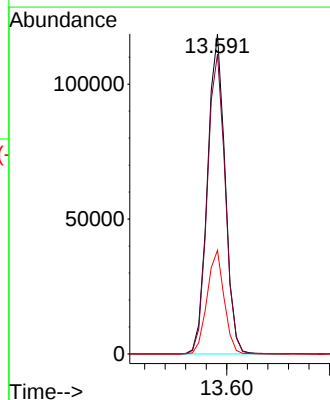
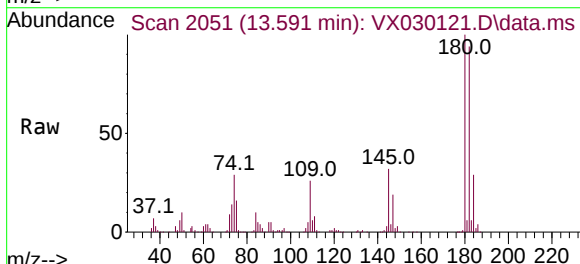
Instrument :
MSVOA_X
ClientSampleId :
VSTD050760

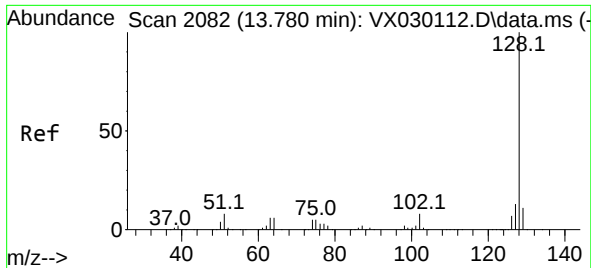
Tgt Ion:180	Resp:	154345	
Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.1	112.7
184	30.3	23.8	35.6
145	30.9	25.1	37.7



#70
1,2,4-trichlorobenzene
Concen: 56.006 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

Tgt Ion:180	Resp:	141455	
Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.2	112.8
145	31.4	26.2	39.2

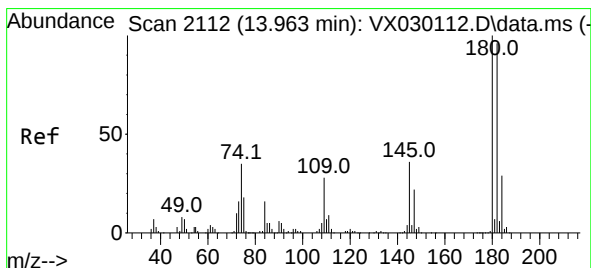
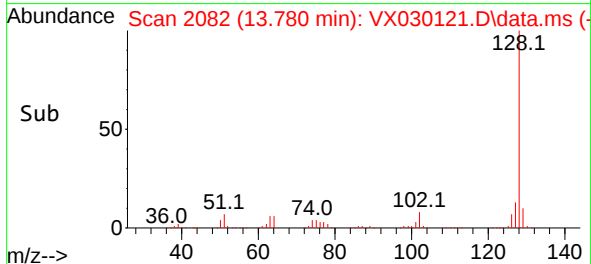
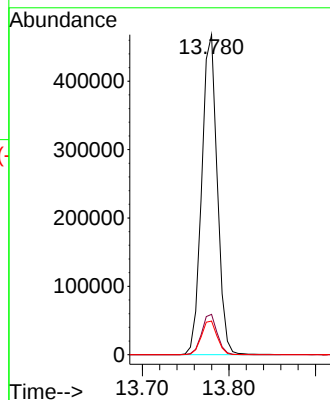
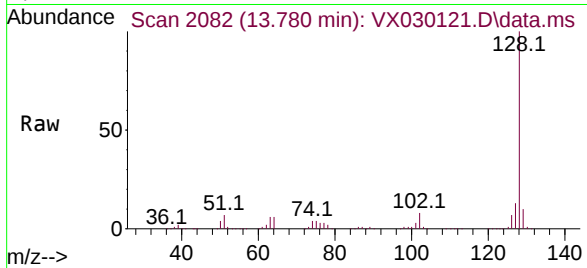




#71
Naphthalene
Concen: 56.255 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

Instrument :
MSVOA_X
ClientSampleId :
VSTD050760

Tgt Ion:128 Resp: 581272
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 53.814 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030121.D
Acq: 19 Jul 2022 17:12

Tgt Ion:180 Resp: 144404
Ion Ratio Lower Upper
180 100
182 96.1 75.9 113.9
145 34.9 28.0 42.0

