

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081222\
 Data File : VX030605.D
 Acq On : 12 Aug 2022 19:29
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050780

Quant Time: Aug 12 23:33:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 12 23:28:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	240223	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	216407	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	111254	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	60151	38.991	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.980%
7) Chloroethane-d5	1.666	69	50634	46.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.120%
11) 1,1-Dichloroethene-d2	2.306	63	143837	49.291	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.580%
21) 2-Butanone-d5	4.477	46	185807	129.993	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.990%
24) Chloroform-d	5.068	84	168899	53.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.380%
26) 1,2-Dichloroethane-d4	5.964	65	116635	54.091	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.180%
32) Benzene-d6	5.983	84	297141	47.934	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.860%
36) 1,2-Dichloropropane-d6	7.318	67	105154	52.284	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.560%
41) Toluene-d8	8.653	98	273156	46.748	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.500%
43) trans-1,3-Dichloroprop...	8.952	79	47803	47.778	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.560%
47) 2-Hexanone-d5	9.391	63	121201	118.228	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.230%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	154598	58.514	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.020%
66) 1,2-Dichlorobenzene-d4	12.323	152	104508	48.431	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	84747	46.883	ug/L	98
3) Chloromethane	1.288	50	68729	44.218	ug/L	99
5) Vinyl chloride	1.374	62	80817	48.678	ug/L	95
6) Bromomethane	1.611	94	27812	35.648	ug/L	99
8) Chloroethane	1.691	64	50444	53.341	ug/L	98
9) Trichlorofluoromethane	1.886	101	125508	51.151	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	76628	52.506	ug/L	96
12) 1,1-Dichloroethene	2.319	96	71631	53.275	ug/L	85
13) Acetone	2.404	43	116046	110.776	ug/L	97
14) Carbon disulfide	2.514	76	186918	42.892	ug/L	100
15) Methyl Acetate	2.715	43	122250	56.380	ug/L	97
16) Methylene chloride	2.788	84	87043	51.054	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	76307	48.987	ug/L	99
18) Methyl tert-butyl Ether	3.123	73	280446	52.942	ug/L	99
19) 1,1-Dichloroethane	3.611	63	164417	54.573	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	91309	52.109	ug/L	92
22) 2-Butanone	4.580	43	191423	115.833	ug/L	96
23) Bromochloromethane	4.910	128	43543	49.552	ug/L	91
25) Chloroform	5.105	83	176572	55.781	ug/L	98

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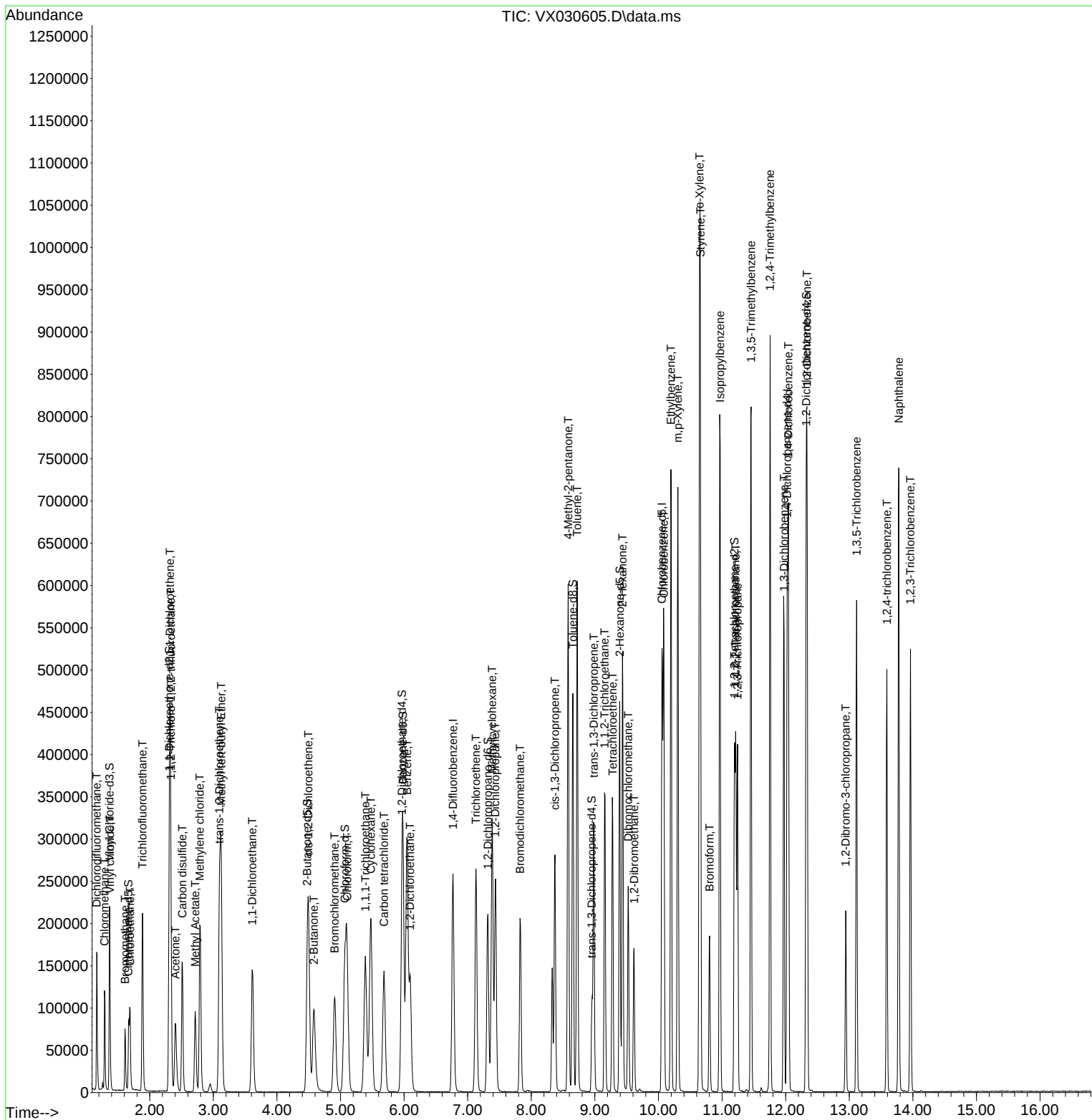
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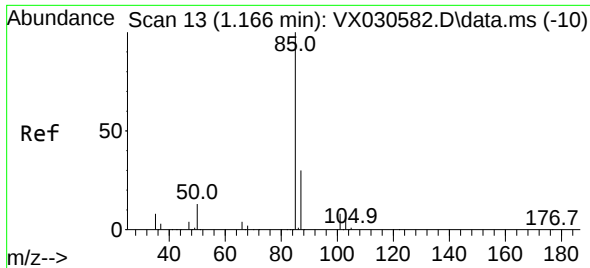
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	145483	55.220	ug/L	96
29) Cyclohexane	5.477	56	135396	47.062	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	148485	52.017	ug/L	99
31) Carbon tetrachloride	5.684	117	120891	51.312	ug/L	99
33) Benzene	6.050	78	346455	49.933	ug/L	100
34) Trichloroethene	7.129	95	97171	48.354	ug/L	87
35) Methylcyclohexane	7.385	83	135301	46.249	ug/L	98
37) 1,2-Dichloropropane	7.434	63	100462	54.456	ug/L	99
38) Bromodichloromethane	7.824	83	133619	54.726	ug/L	99
39) cis-1,3-Dichloropropene	8.372	75	141301	51.345	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	362068	112.700	ug/L	97
42) Toluene	8.720	91	368581	50.286	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	141086	52.379	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	91009	53.053	ug/L	99
46) Tetrachloroethene	9.281	164	58541	46.095	ug/L	99
48) 2-Hexanone	9.433	43	287458	115.160	ug/L	97
49) Dibromochloromethane	9.525	129	94520	51.792	ug/L	96
50) 1,2-Dibromoethane	9.616	107	94906	50.309	ug/L	98
51) Chlorobenzene	10.086	112	229045	50.158	ug/L	99
52) Ethylbenzene	10.195	91	407141	50.943	ug/L	96
53) m,p-Xylene	10.305	106	149725	50.262	ug/L	94
54) o-Xylene	10.646	106	149409	50.334	ug/L	95
55) Styrene	10.659	104	262359	52.493	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	150322	57.591	ug/L	98
59) Bromoform	10.805	173	61893	51.087	ug/L	99
60) Isopropylbenzene	10.970	105	418941	53.125	ug/L	98
61) 1,2,3-Trichloropropane	11.244	75	126978	53.146	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	345120	51.261	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	356849	52.484	ug/L	95
64) 1,3-Dichlorobenzene	11.975	146	171685	50.082	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	177342	50.889	ug/L	92
67) 1,2-Dichlorobenzene	12.335	146	180440	50.899	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	40325	51.165	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	120563	50.150	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	98102	46.465	ug/L	95
71) Naphthalene	13.780	128	431963	49.426	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	109340	49.027	ug/L	98

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

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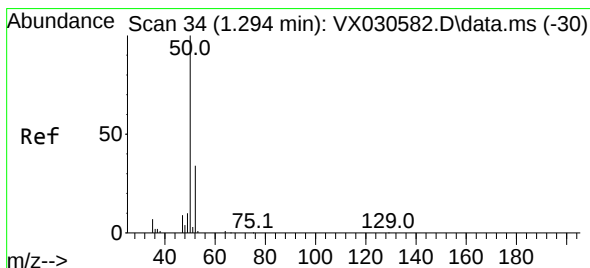
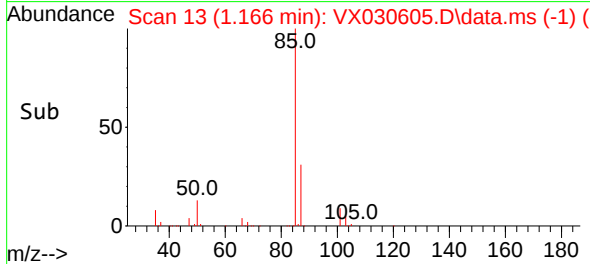
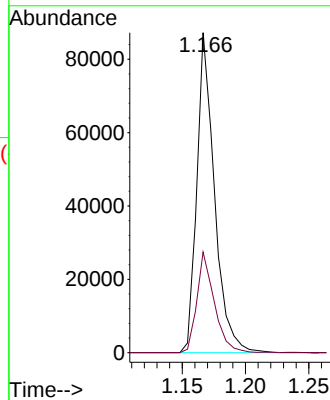
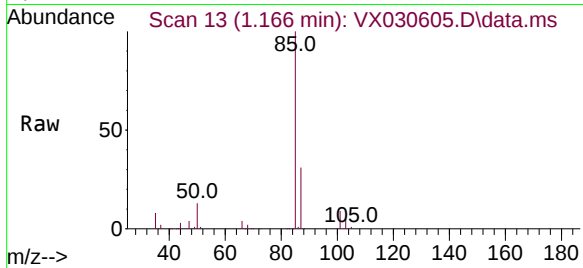




#2
Dichlorodifluoromethane
Concen: 46.883 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

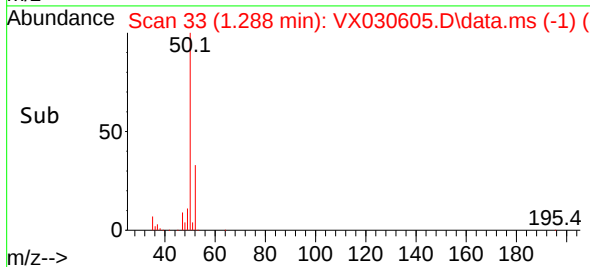
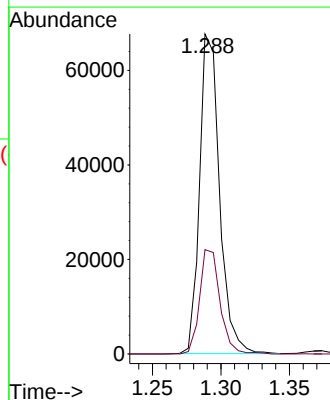
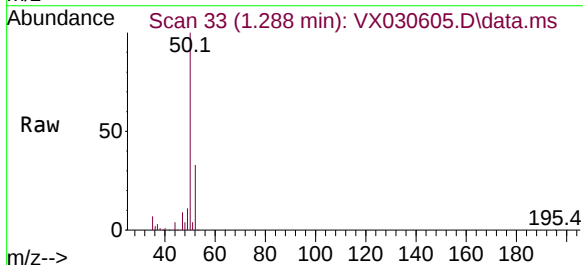
Instrument :
MSVOA_X
ClientSampleId :
VSTD050780

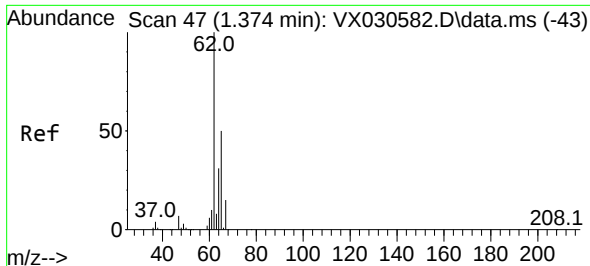
Tgt Ion: 85 Resp: 84747
Ion Ratio Lower Upper
85 100
87 31.1 25.6 38.4



#3
Chloromethane
Concen: 44.218 ug/L
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

Tgt Ion: 50 Resp: 68729
Ion Ratio Lower Upper
50 100
52 32.6 23.3 43.3

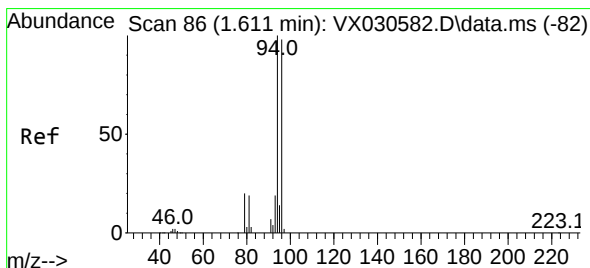
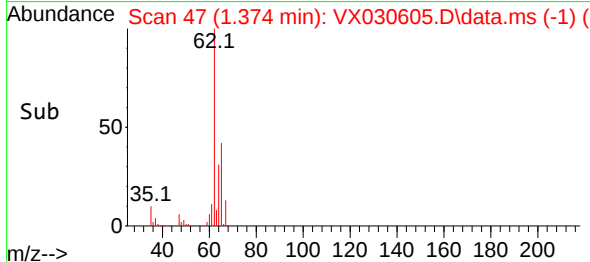
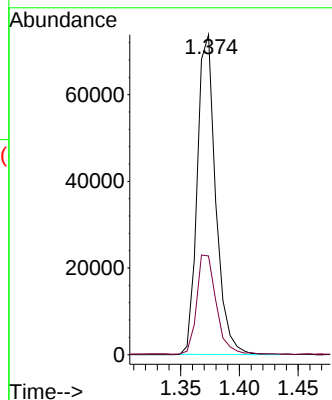
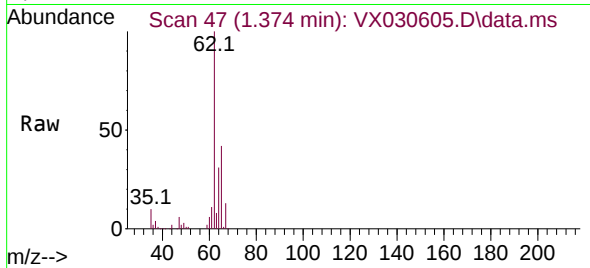




#5
 Vinyl chloride
 Concen: 48.678 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030605.D
 Acq: 12 Aug 2022 19:29

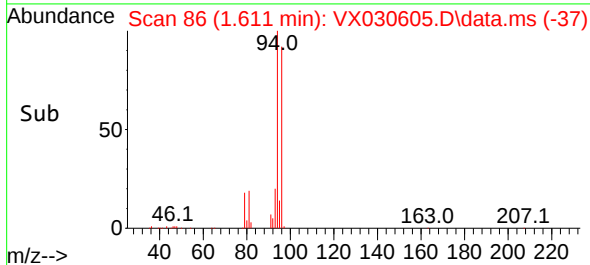
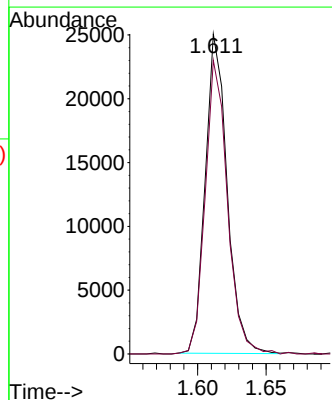
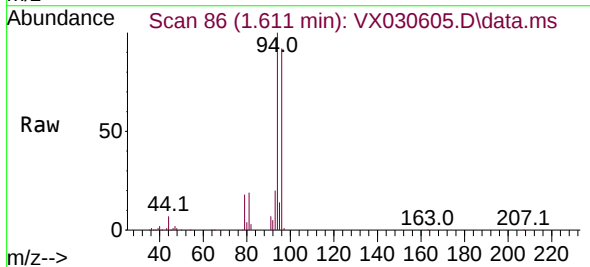
Instrument :
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 ClientSampleId :
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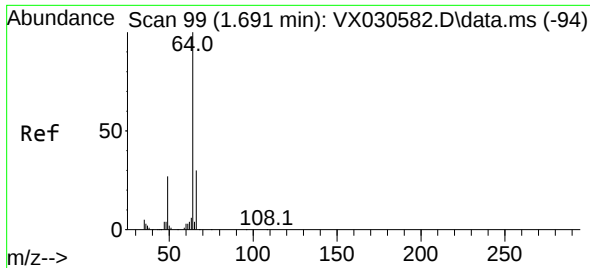
Tgt Ion: 62 Resp: 80817
 Ion Ratio Lower Upper
 62 100
 64 30.9 23.8 44.2



#6
 Bromomethane
 Concen: 35.648 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX030605.D
 Acq: 12 Aug 2022 19:29

Tgt Ion: 94 Resp: 27812
 Ion Ratio Lower Upper
 94 100
 96 91.7 63.8 118.6

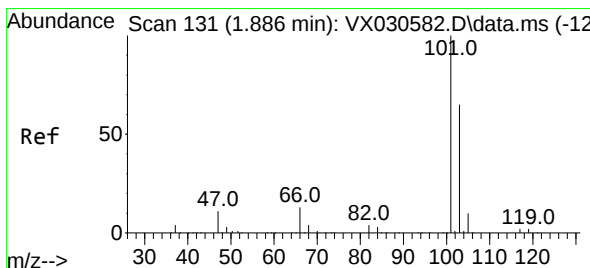
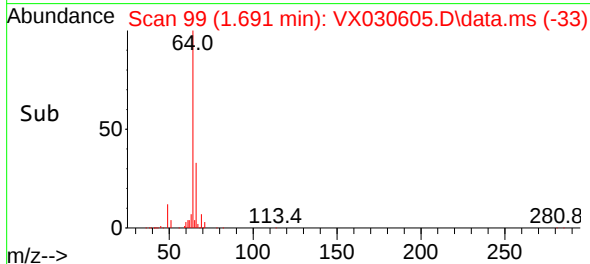
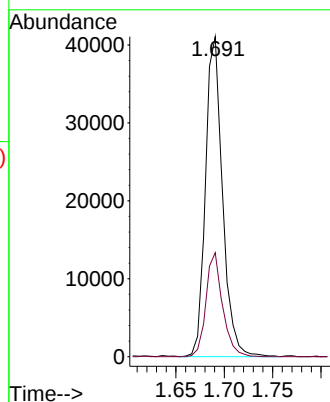
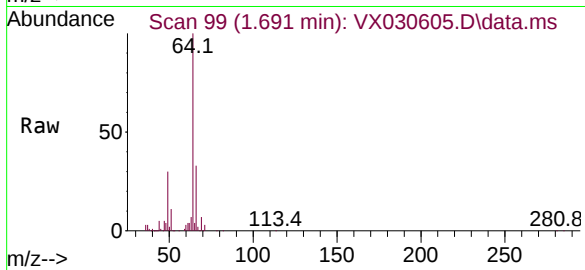




#8
Chloroethane
Concen: 53.341 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

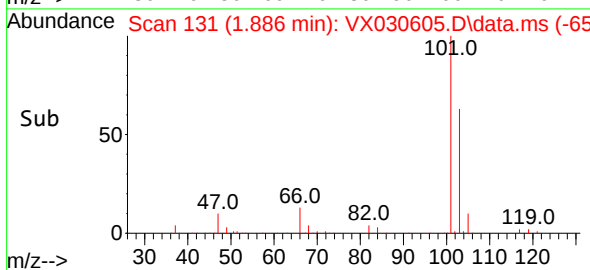
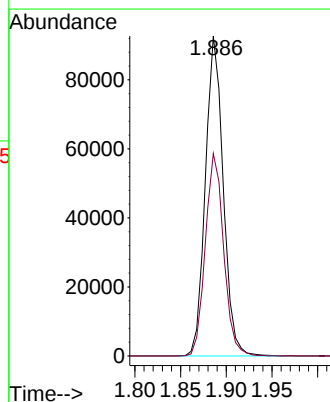
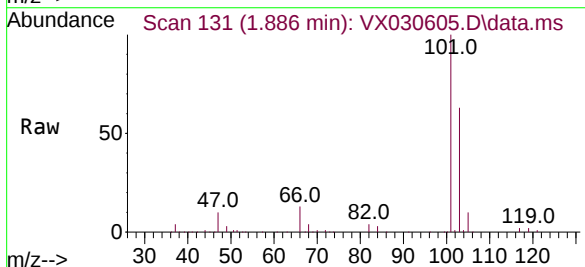
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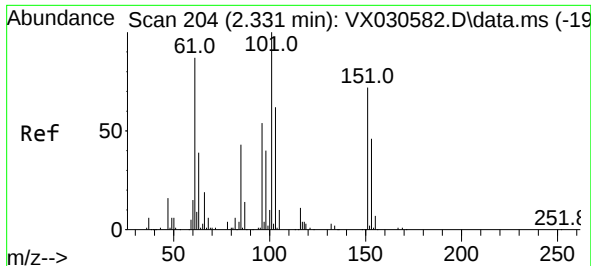
Tgt Ion: 64 Resp: 50444
Ion Ratio Lower Upper
64 100
66 32.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 51.151 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

Tgt Ion: 101 Resp: 125508
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3

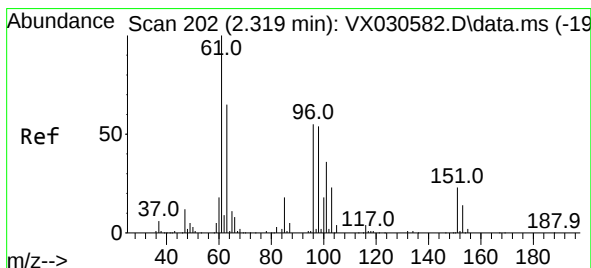
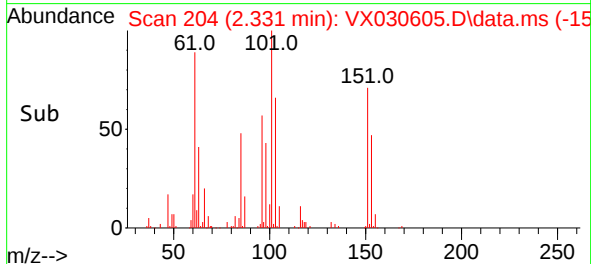
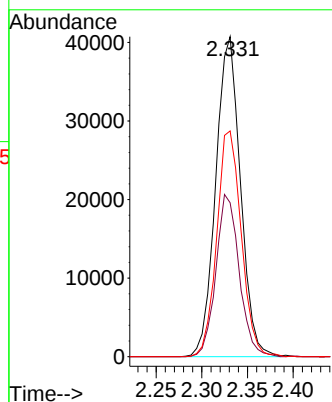
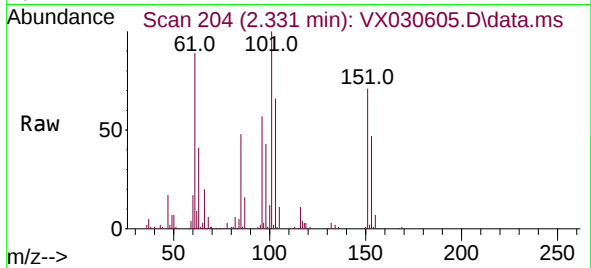




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.506 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX030605.D
 Acq: 12 Aug 2022 19:29

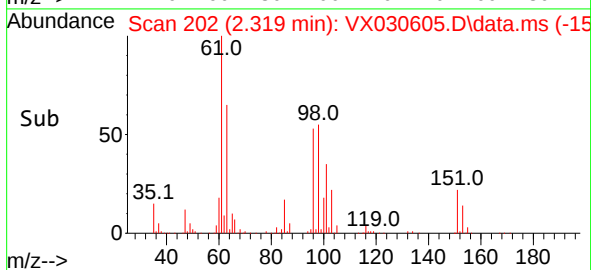
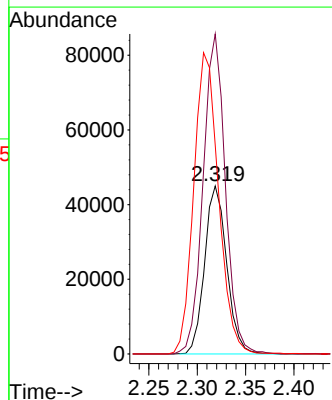
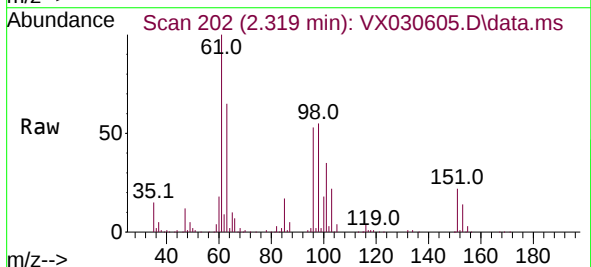
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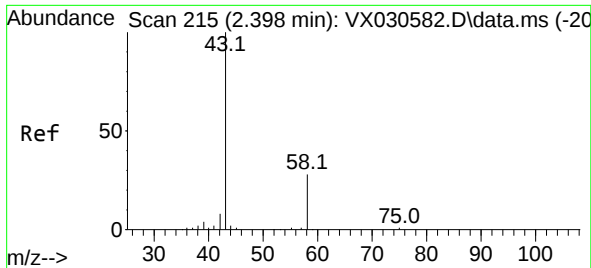
Tgt Ion: 101 Resp: 76628
 Ion Ratio Lower Upper
 101 100
 85 47.7 35.3 52.9
 151 69.9 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 53.275 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030605.D
 Acq: 12 Aug 2022 19:29

Tgt Ion: 96 Resp: 71631
 Ion Ratio Lower Upper
 96 100
 61 190.5 130.2 241.8
 63 124.2 113.5 210.9





#13

Acetone

Concen: 110.776 ug/L

RT: 2.404 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX030605.D

Acq: 12 Aug 2022 19:29

Instrument :

MSVOA_X

ClientSampleId :

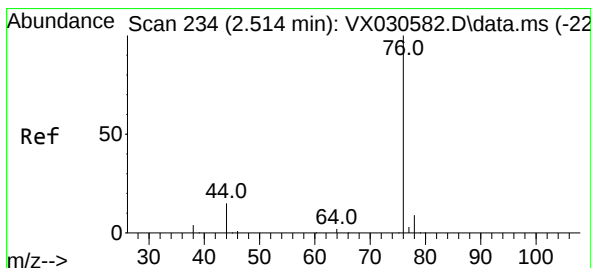
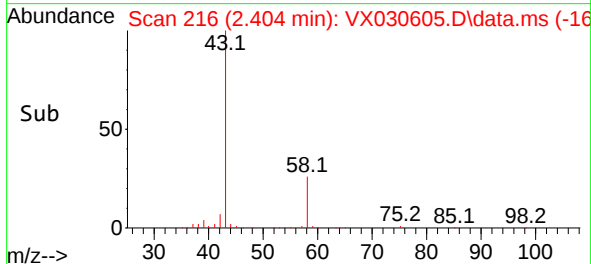
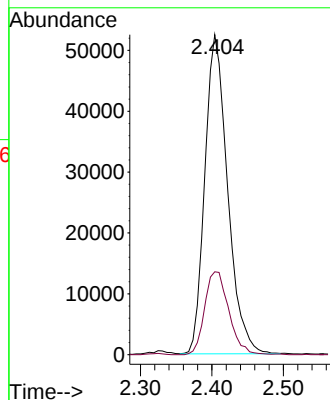
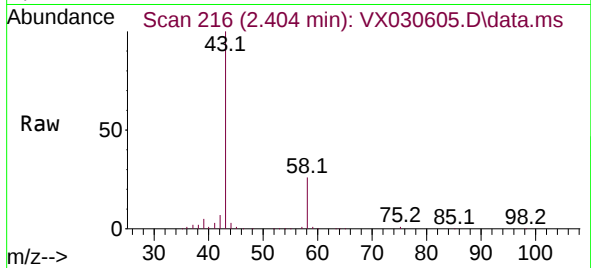
VSTD050780

Tgt Ion: 43 Resp: 116046

Ion Ratio Lower Upper

43 100

58 27.5 0.0 57.8



#14

Carbon disulfide

Concen: 42.892 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX030605.D

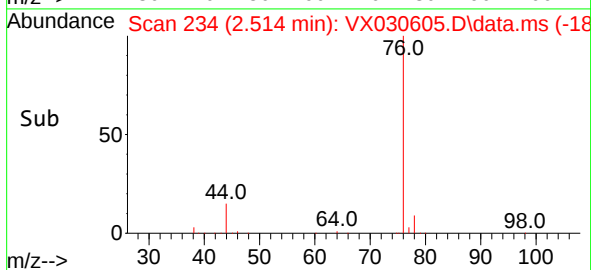
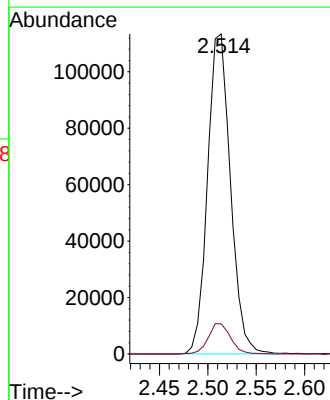
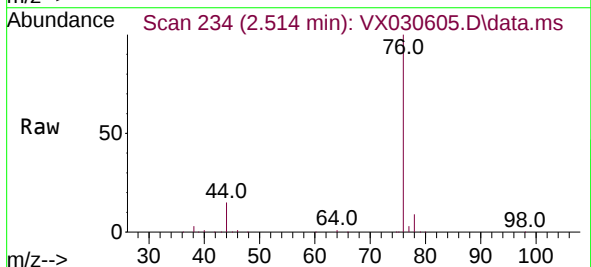
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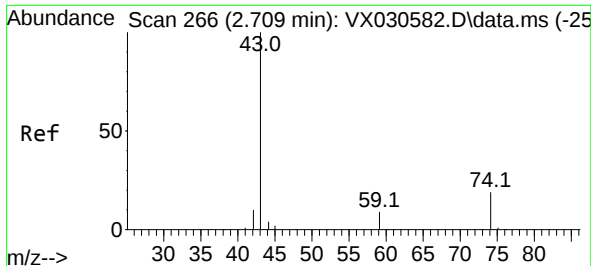
Tgt Ion: 76 Resp: 186918

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

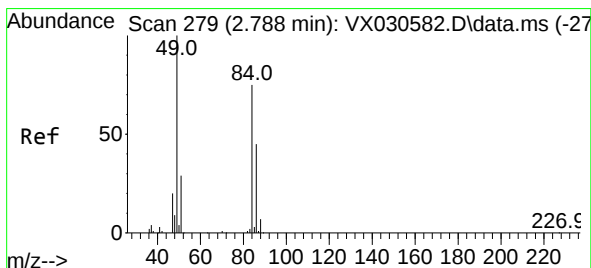
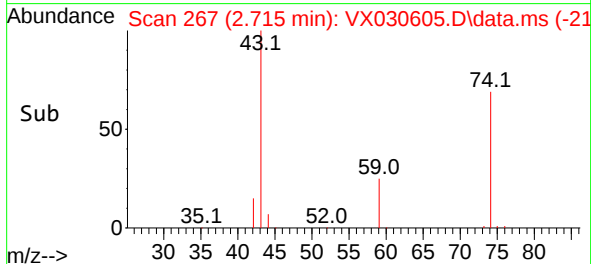
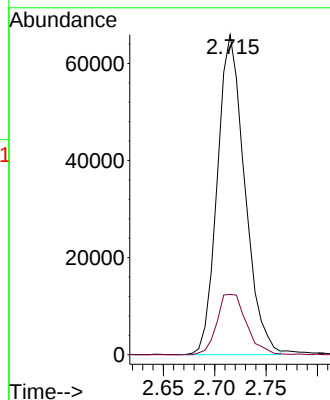
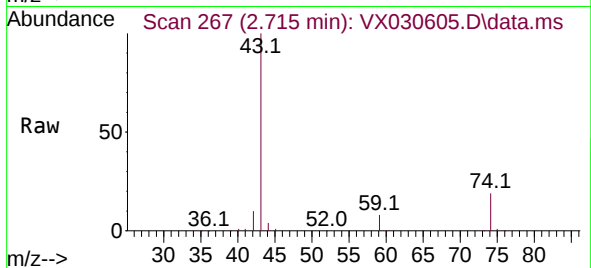




#15
Methyl Acetate
Concen: 56.380 ug/L
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

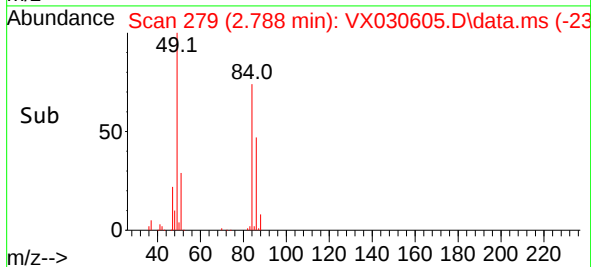
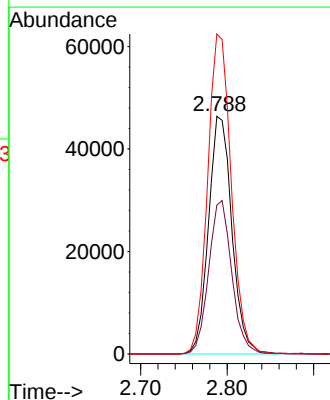
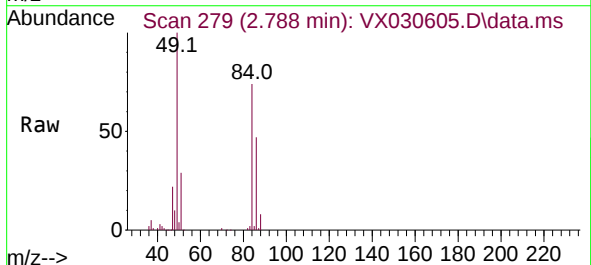
Instrument :
MSVOA_X
ClientSampleId :
VSTD050780

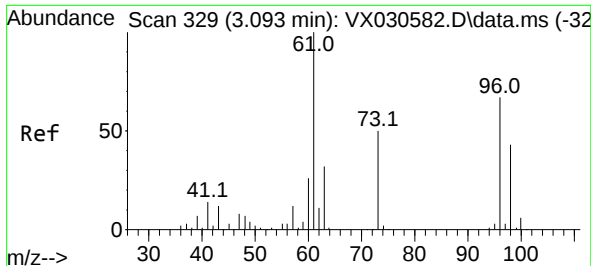
Tgt Ion: 43 Resp: 122250
Ion Ratio Lower Upper
43 100
74 20.3 17.2 25.8



#16
Methylene chloride
Concen: 51.054 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

Tgt Ion: 84 Resp: 87043
Ion Ratio Lower Upper
84 100
86 62.7 44.2 82.2
49 134.7 89.0 165.2



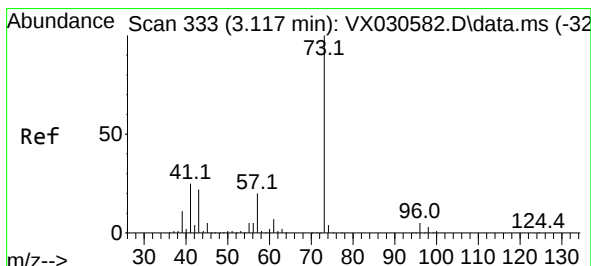
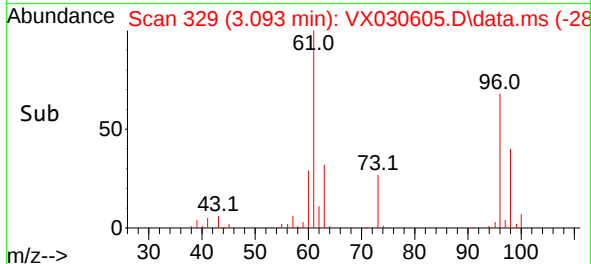
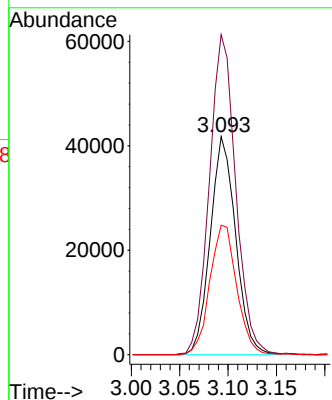
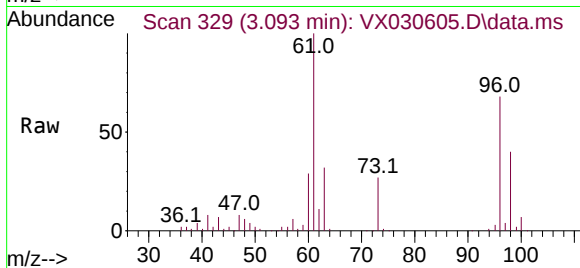


#17
 trans-1,2-Dichloroethene
 Concen: 48.987 ug/L
 RT: 3.093 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VX030605.D
 Acq: 12 Aug 2022 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050780

Tgt Ion: 96 Resp: 76307

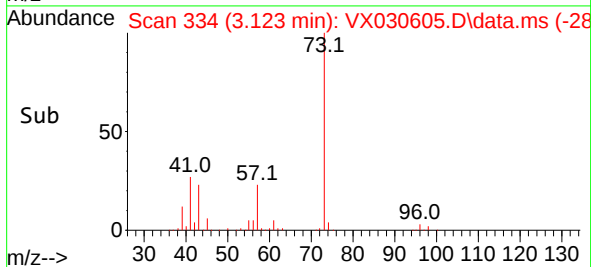
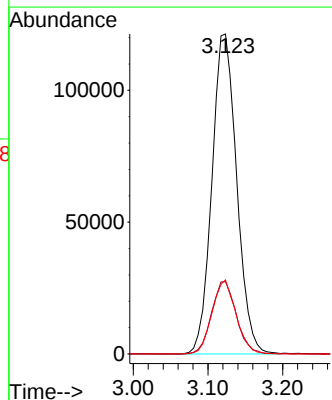
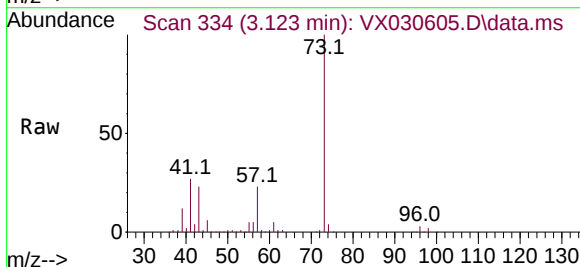
Ion	Ratio	Lower	Upper
96	100		
61	146.8	103.7	192.5
98	59.4	41.5	77.1

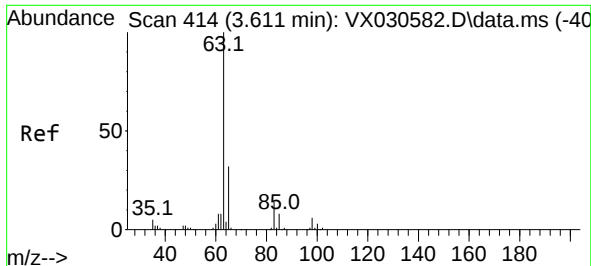


#18
 Methyl tert-butyl Ether
 Concen: 52.942 ug/L
 RT: 3.123 min Scan# 334
 Delta R.T. 0.006 min
 Lab File: VX030605.D
 Acq: 12 Aug 2022 19:29

Tgt Ion: 73 Resp: 280446

Ion	Ratio	Lower	Upper
73	100		
43	22.6	17.6	26.4
57	22.3	17.5	26.3





#19

1,1-Dichloroethane

Concen: 54.573 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX030605.D

Acq: 12 Aug 2022 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTD050780

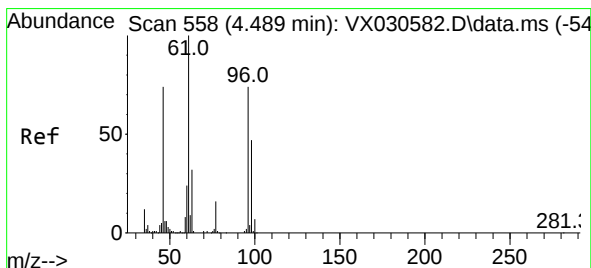
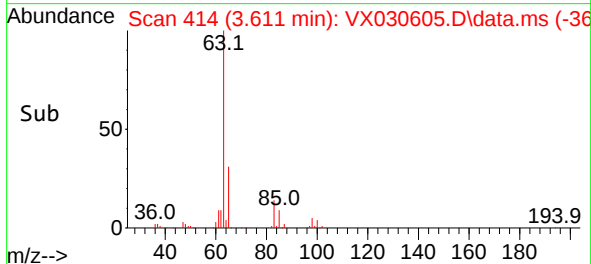
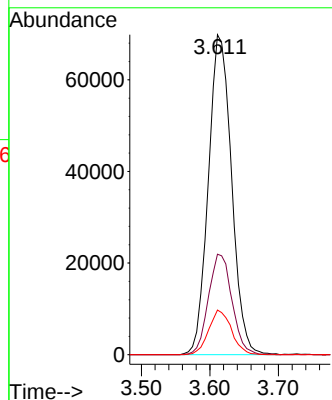
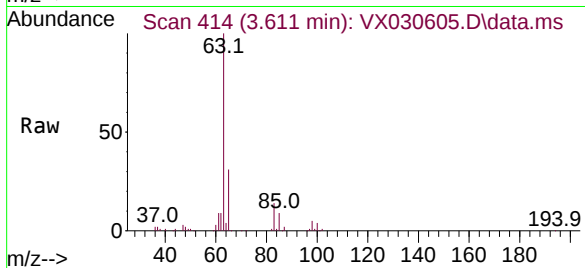
Tgt Ion: 63 Resp: 164417

Ion Ratio Lower Upper

63 100

65 31.4 22.0 40.8

83 13.9 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 52.109 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX030605.D

Acq: 12 Aug 2022 19:29

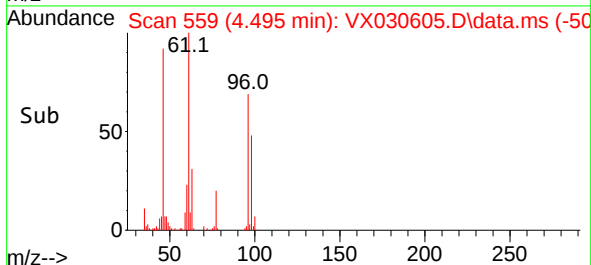
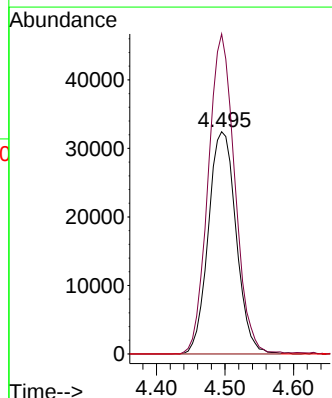
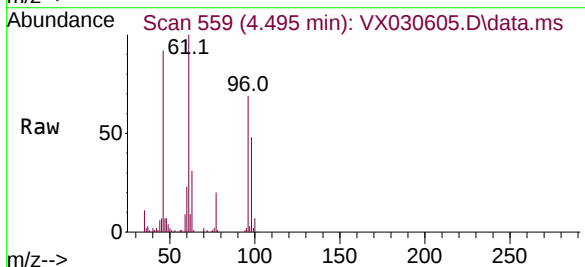
Tgt Ion: 96 Resp: 91309

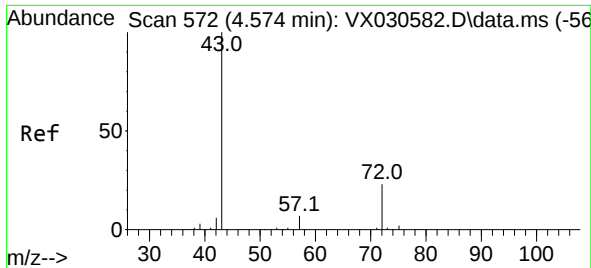
Ion Ratio Lower Upper

96 100

61 144.0 94.0 174.6

68 0.0 0.0 0.0

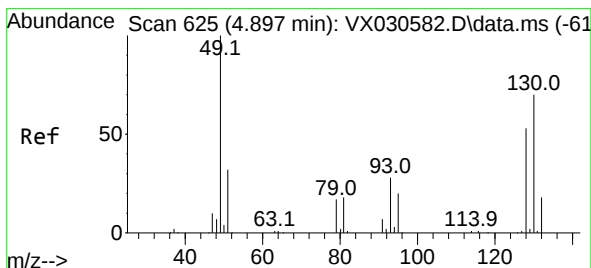
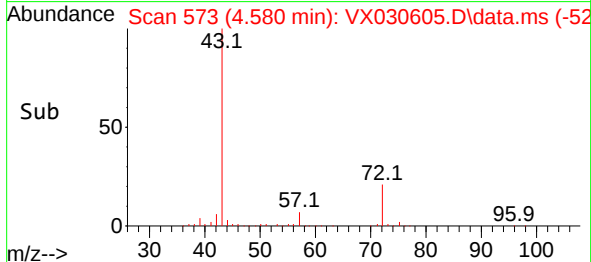
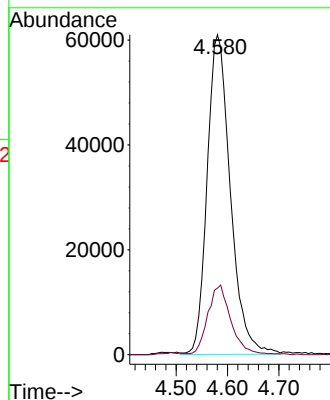
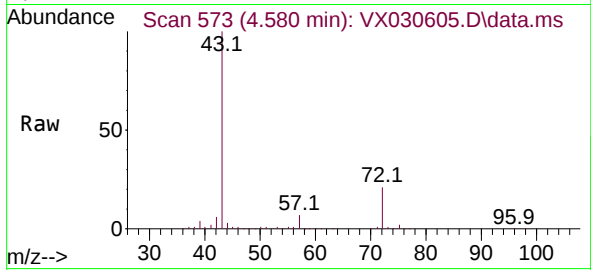




#22
2-Butanone
Concen: 115.833 ug/L
RT: 4.580 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

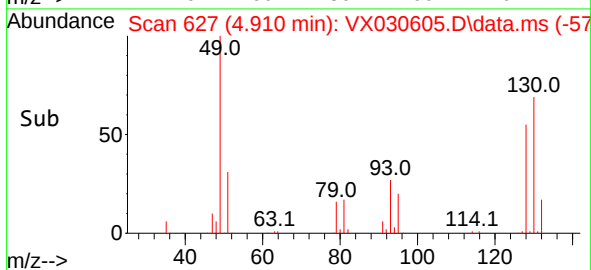
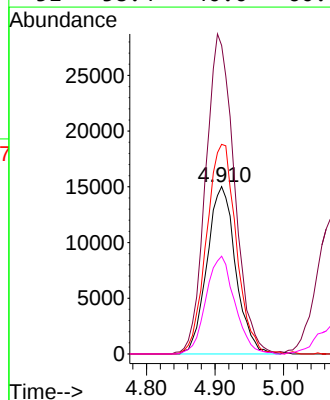
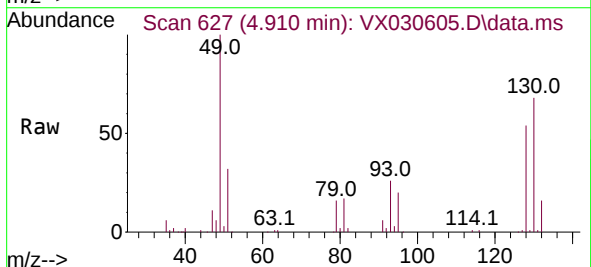
Instrument :
MSVOA_X
ClientSampleId :
VSTD050780

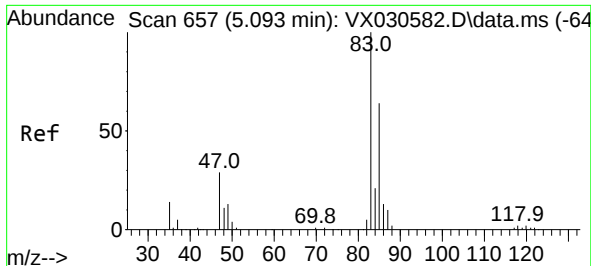
Tgt Ion: 43 Resp: 191423
Ion Ratio Lower Upper
43 100
72 21.7 11.7 35.1



#23
Bromochloromethane
Concen: 49.552 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.012 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

Tgt Ion:128 Resp: 43543
Ion Ratio Lower Upper
128 100
49 184.3 116.8 216.8
130 125.3 90.3 167.7
51 58.4 40.0 60.0





#25

Chloroform

Concen: 55.781 ug/L

RT: 5.105 min Scan# 6

Delta R.T. 0.012 min

Lab File: VX030605.D

Acq: 12 Aug 2022 19:29

Instrument :

MSVOA_X

ClientSampleId :

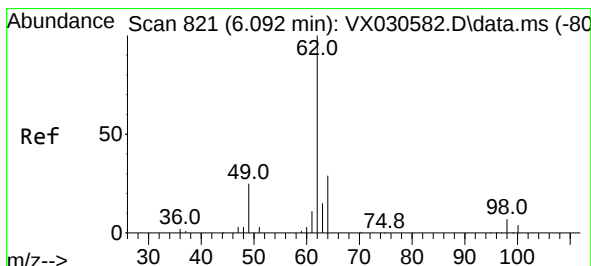
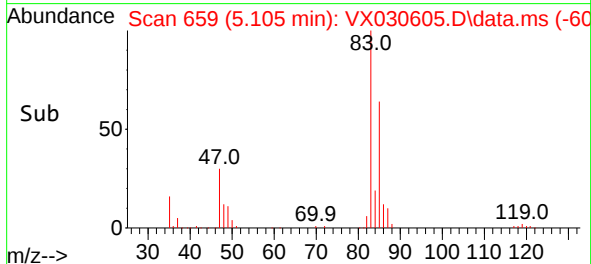
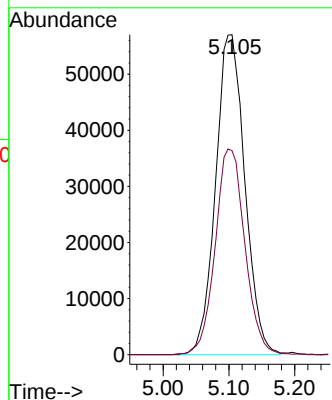
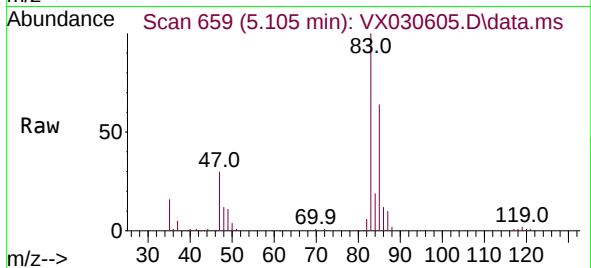
VSTD050780

Tgt Ion: 83 Resp: 176572

Ion Ratio Lower Upper

83 100

85 63.8 45.6 84.6



#27

1,2-Dichloroethane

Concen: 55.220 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX030605.D

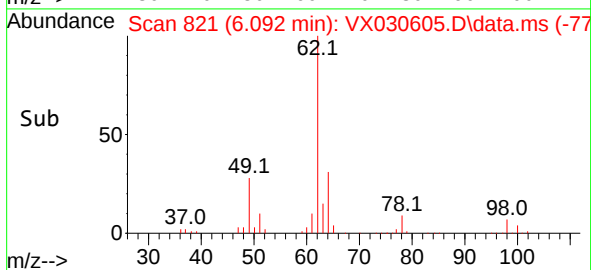
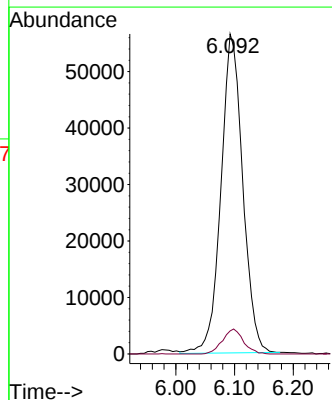
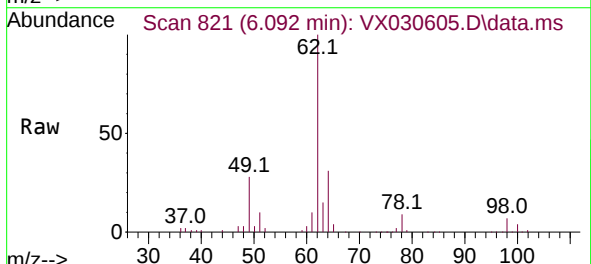
Acq: 12 Aug 2022 19:29

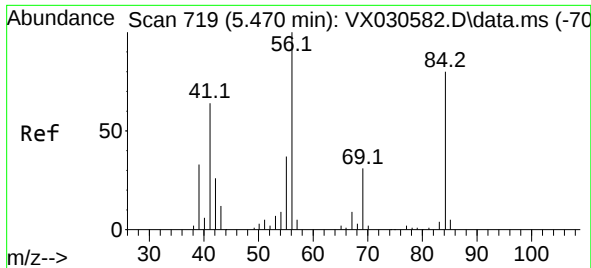
Tgt Ion: 62 Resp: 145483

Ion Ratio Lower Upper

62 100

98 7.2 7.0 10.6

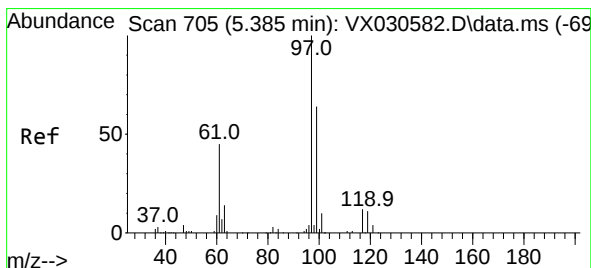
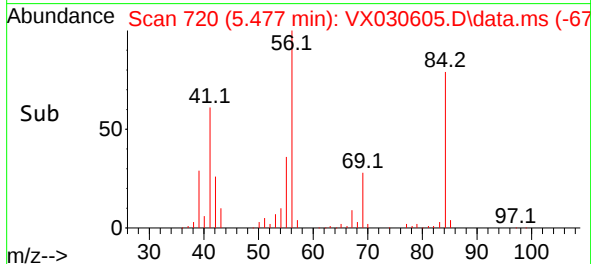
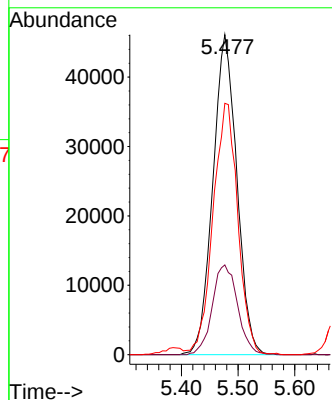
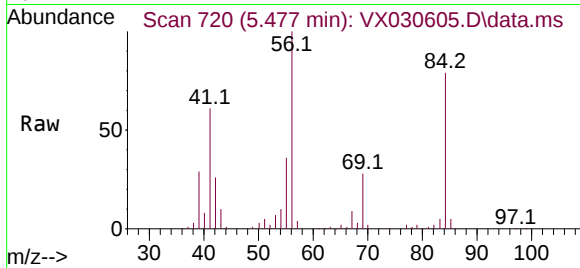




#29
Cyclohexane
Concen: 47.062 ug/L
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

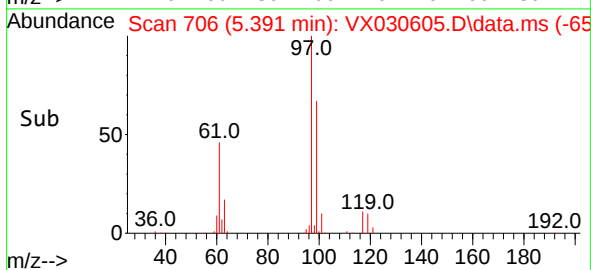
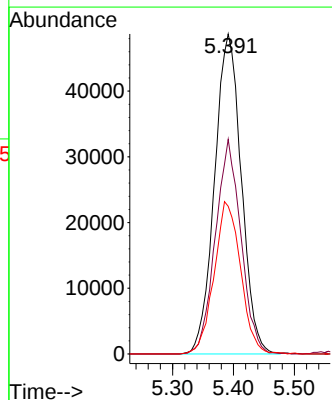
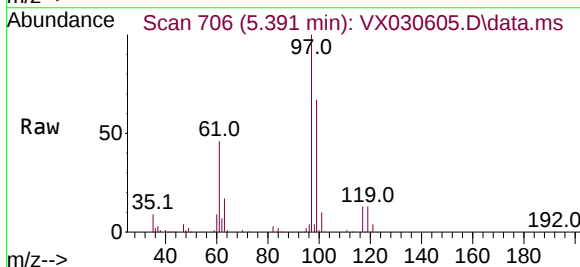
Instrument :
MSVOA_X
ClientSampleId :
VSTD050780

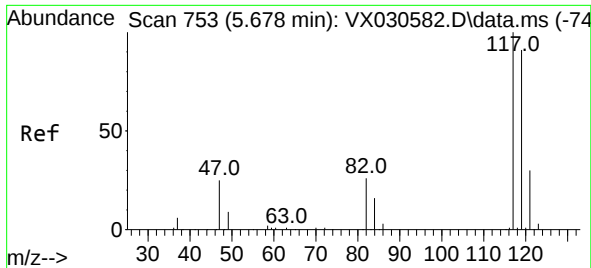
Tgt Ion: 56 Resp: 135396
Ion Ratio Lower Upper
56 100
69 29.5 24.3 36.5
84 81.0 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 52.017 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

Tgt Ion: 97 Resp: 148485
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 47.2 37.0 55.6

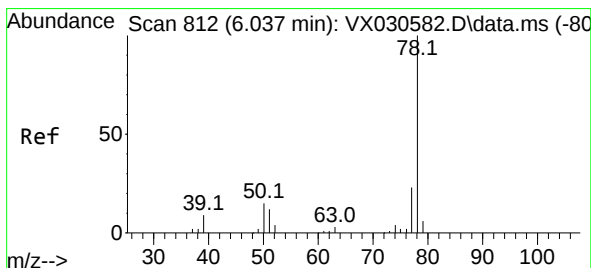
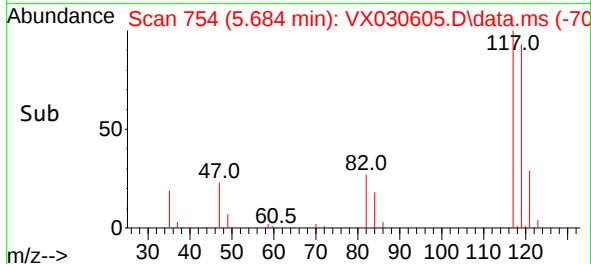
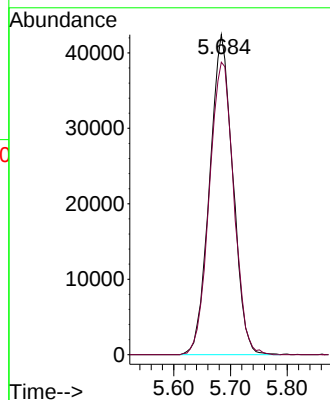
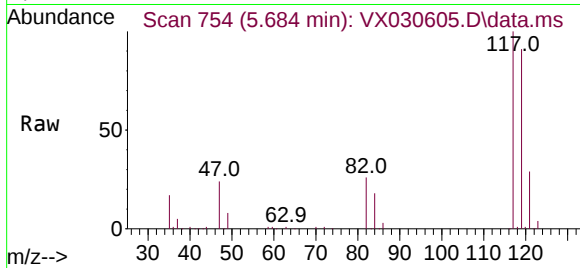




#31
Carbon tetrachloride
Concen: 51.312 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

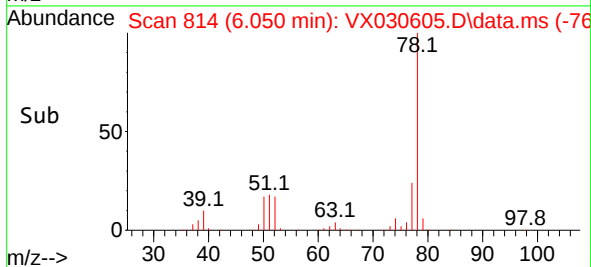
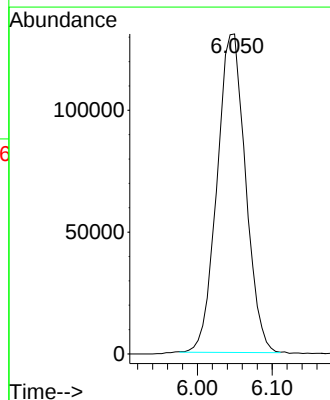
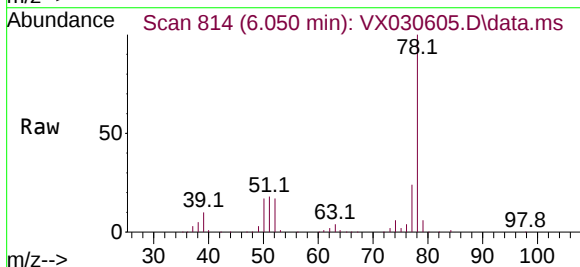
Instrument :
MSVOA_X
ClientSampleId :
VSTD050780

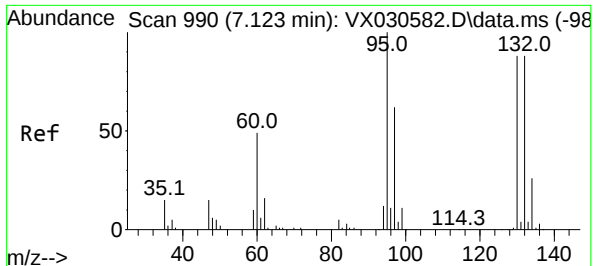
Tgt Ion:117 Resp: 120891
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.2



#33
Benzene
Concen: 49.933 ug/L
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

Tgt Ion: 78 Resp: 346455

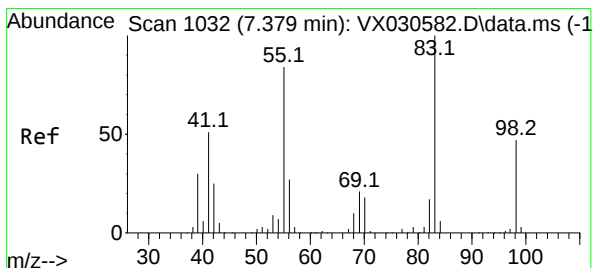
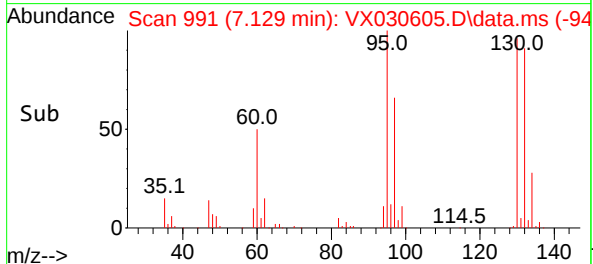
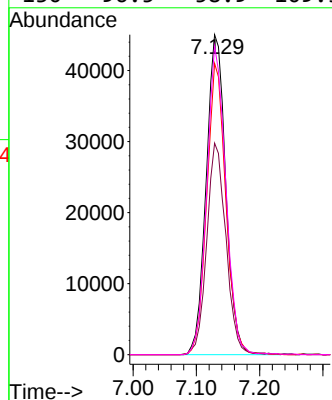
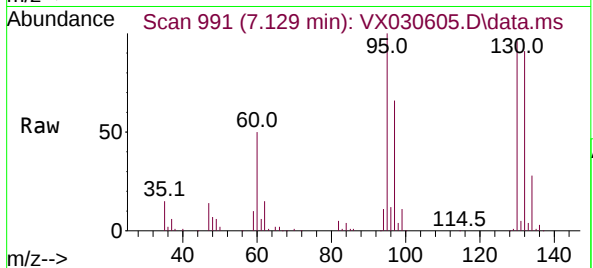




#34
Trichloroethene
Concen: 48.354 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

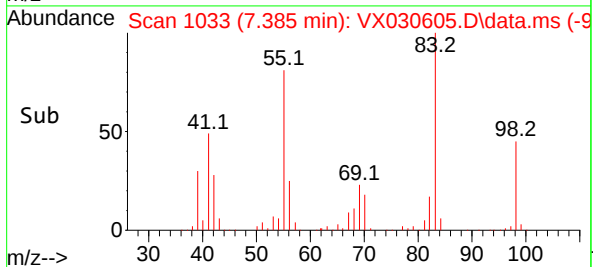
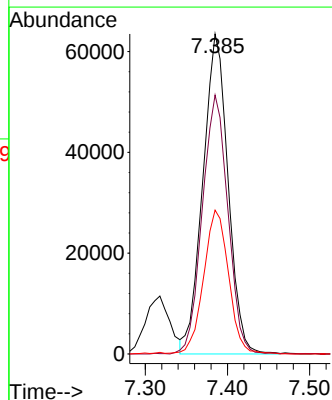
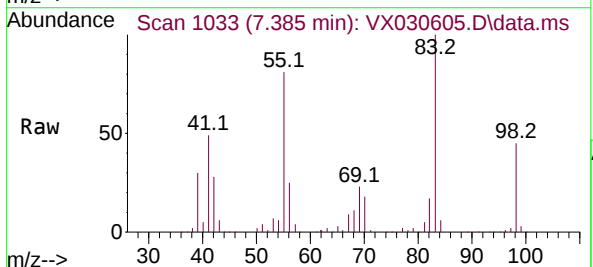
Instrument :
MSVOA_X
ClientSampleId :
VSTD050780

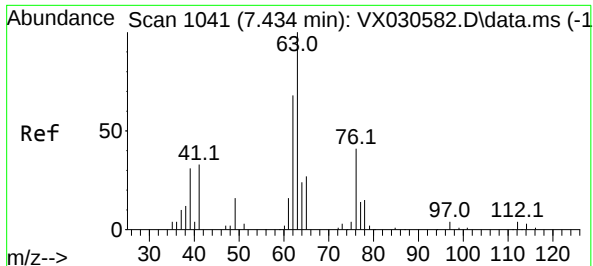
Tgt Ion: 95 Resp: 97171
Ion Ratio Lower Upper
95 100
97 66.1 40.2 74.6
132 91.0 55.3 102.7
130 96.5 58.9 109.5



#35
Methylcyclohexane
Concen: 46.249 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

Tgt Ion: 83 Resp: 135301
Ion Ratio Lower Upper
83 100
55 81.9 64.0 96.0
98 44.5 36.7 55.1





#37

1,2-Dichloropropane

Concen: 54.456 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX030605.D

Acq: 12 Aug 2022 19:29

Instrument :

MSVOA_X

ClientSampleId :

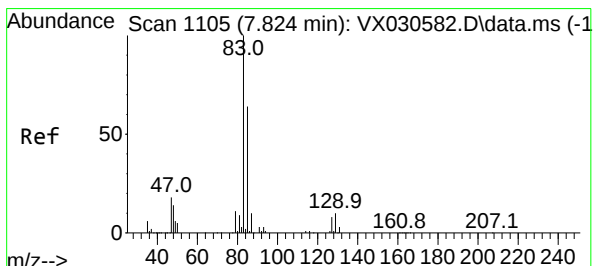
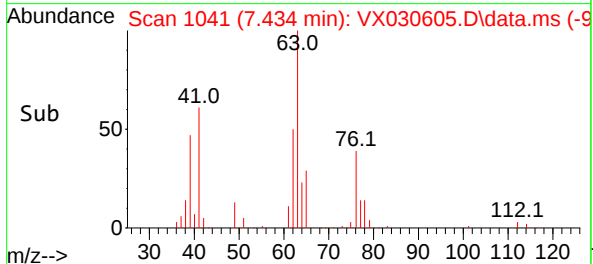
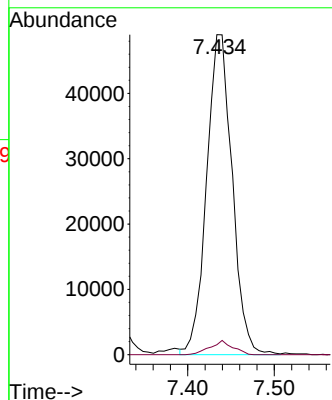
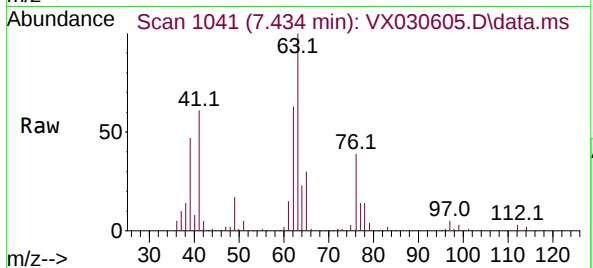
VSTD050780

Tgt Ion: 63 Resp: 100462

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.4



#38

Bromodichloromethane

Concen: 54.726 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX030605.D

Acq: 12 Aug 2022 19:29

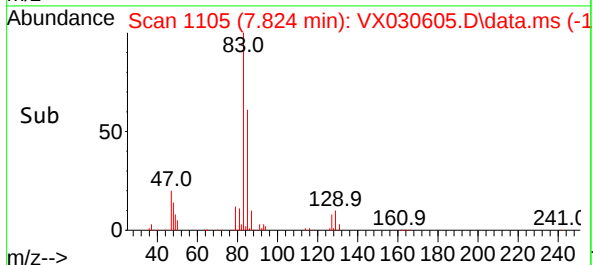
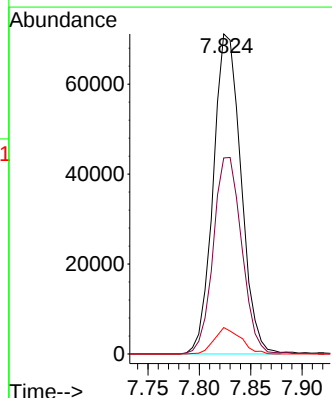
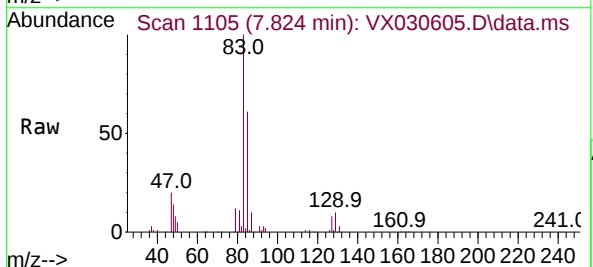
Tgt Ion: 83 Resp: 133619

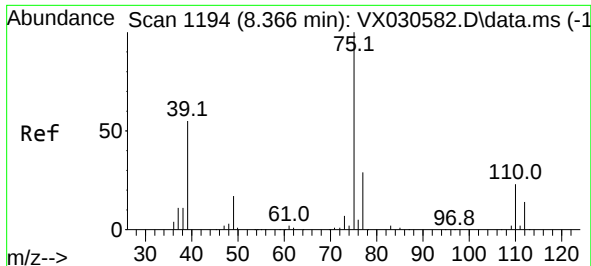
Ion Ratio Lower Upper

83 100

85 61.2 42.5 78.9

127 8.3 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 51.345 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX030605.D

Acq: 12 Aug 2022 19:29

Instrument :

MSVOA_X

ClientSampleId :

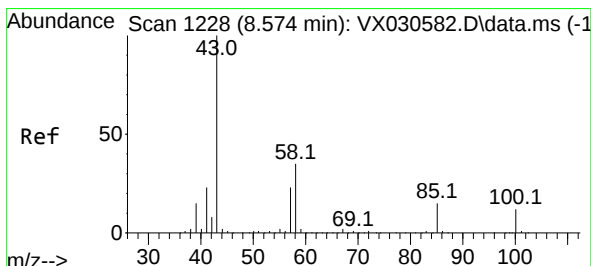
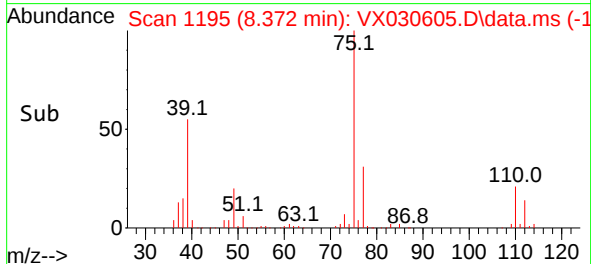
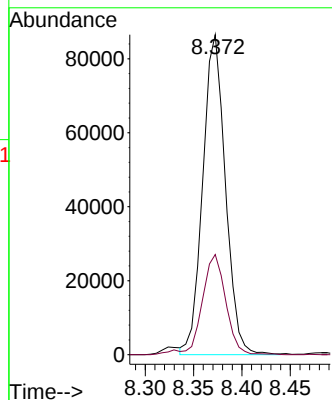
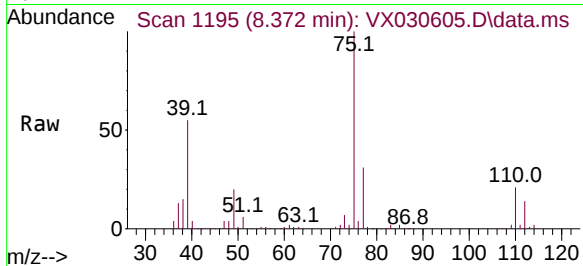
VSTD050780

Tgt Ion: 75 Resp: 141301

Ion Ratio Lower Upper

75 100

77 31.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 112.700 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX030605.D

Acq: 12 Aug 2022 19:29

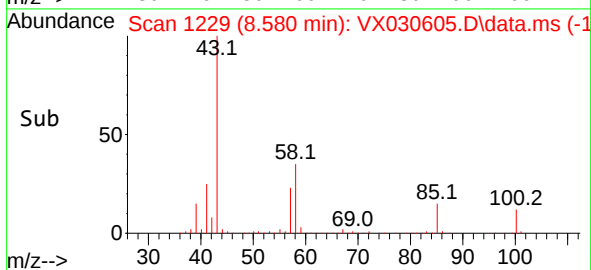
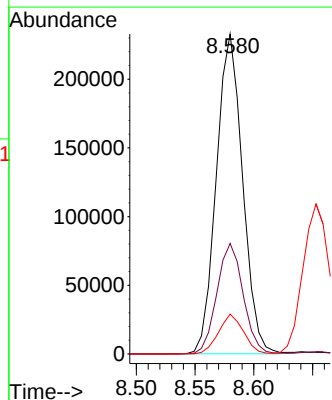
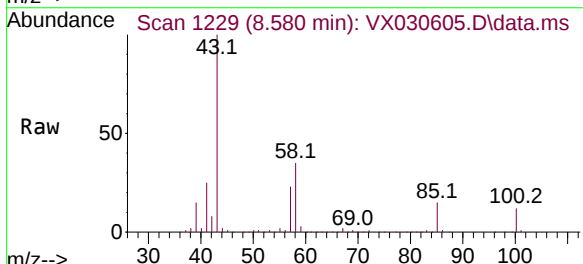
Tgt Ion: 43 Resp: 362068

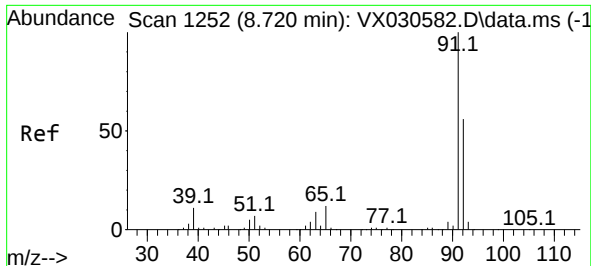
Ion Ratio Lower Upper

43 100

58 34.6 29.0 43.6

100 11.9 10.5 15.7





#42

Toluene

Concen: 50.286 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX030605.D

Acq: 12 Aug 2022 19:29

Instrument :

MSVOA_X

ClientSampleId :

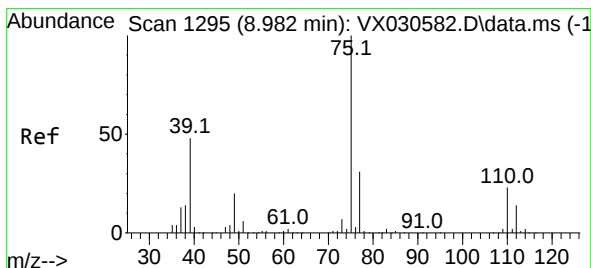
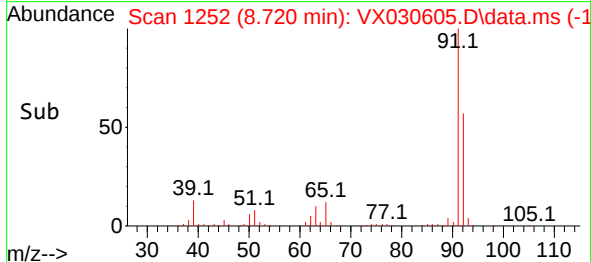
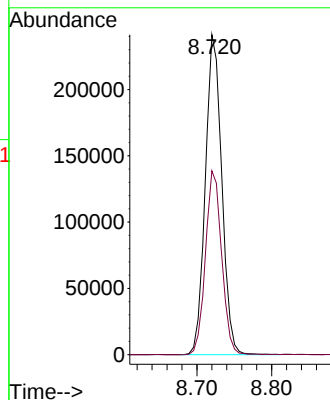
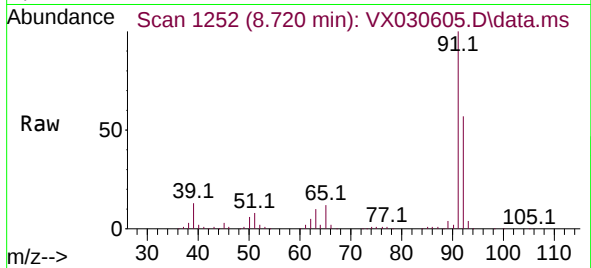
VSTD050780

Tgt Ion: 91 Resp: 368581

Ion Ratio Lower Upper

91 100

92 57.4 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 52.379 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX030605.D

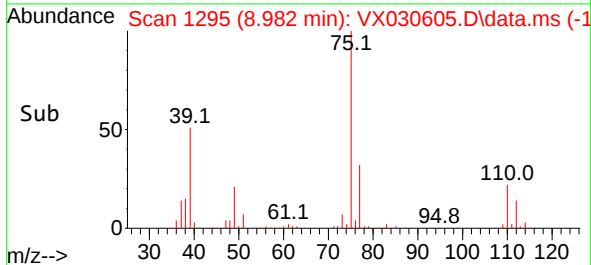
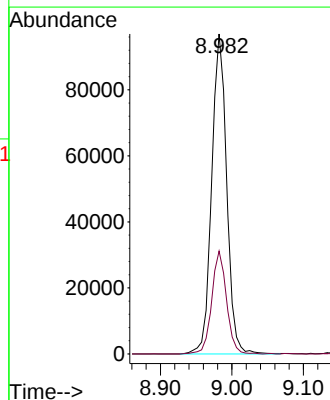
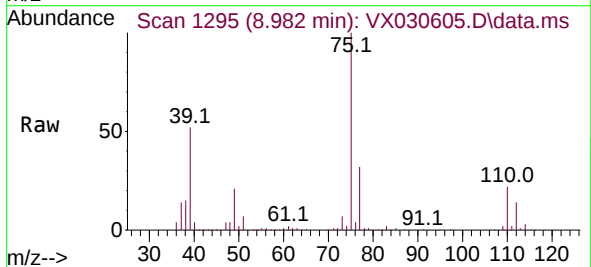
Acq: 12 Aug 2022 19:29

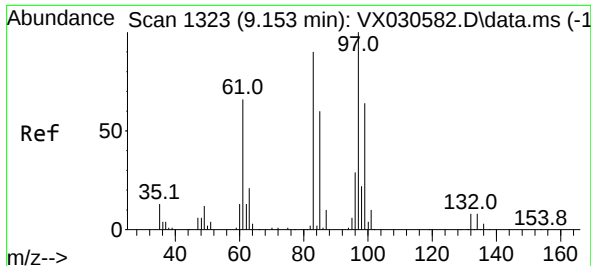
Tgt Ion: 75 Resp: 141086

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 53.053 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030605.D

Acq: 12 Aug 2022 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTD050780

Tgt Ion: 97 Resp: 91009

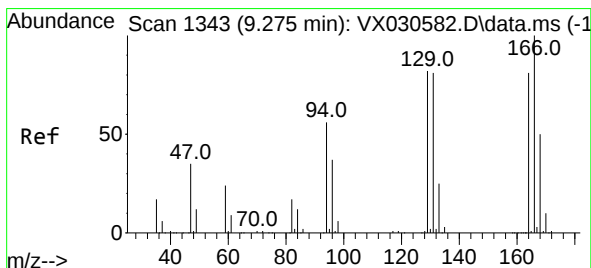
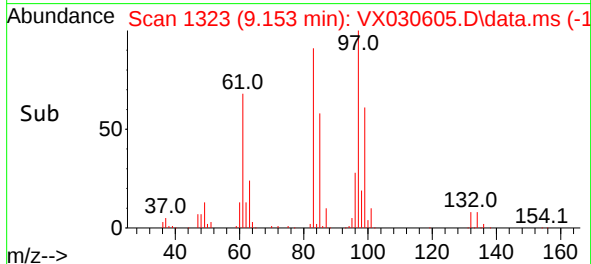
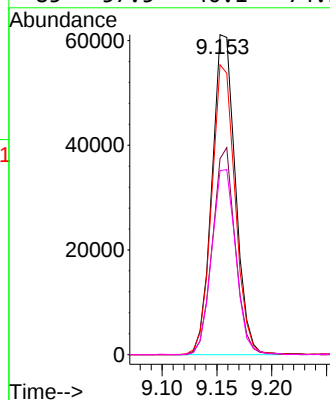
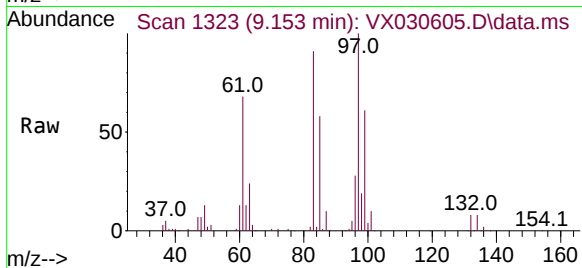
Ion Ratio Lower Upper

97 100

99 61.2 43.3 80.3

83 90.6 63.0 117.0

85 57.5 40.1 74.5



#46

Tetrachloroethene

Concen: 46.095 ug/L

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX030605.D

Acq: 12 Aug 2022 19:29

Tgt Ion:164 Resp: 58541

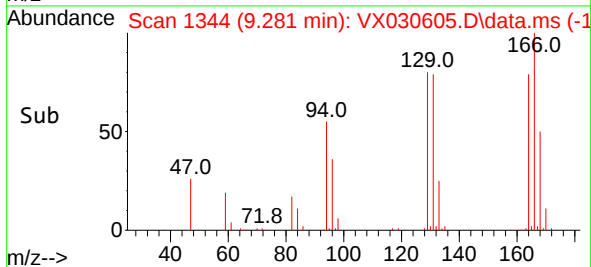
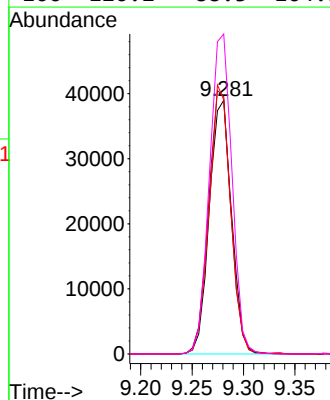
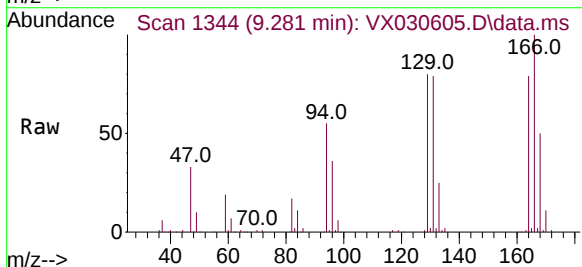
Ion Ratio Lower Upper

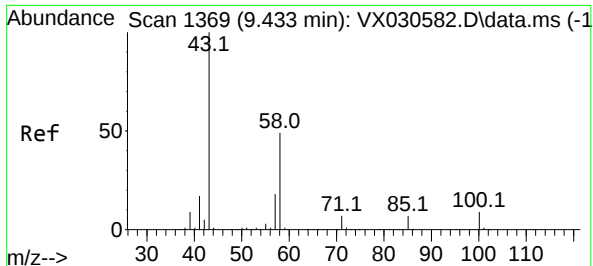
164 100

129 101.6 72.7 135.1

131 100.2 69.9 129.9

166 126.2 88.3 164.1



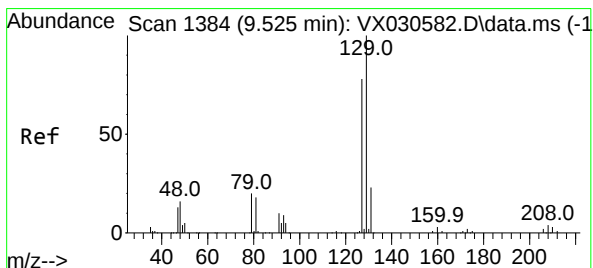
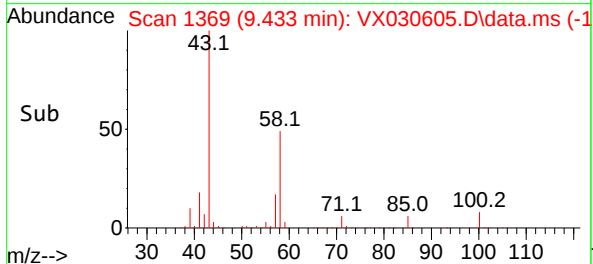
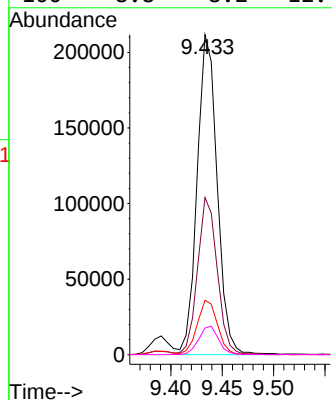
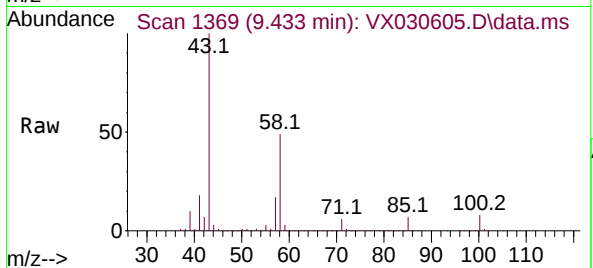


#48
2-Hexanone
Concen: 115.160 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTD050780

Tgt Ion: 43 Resp: 287458

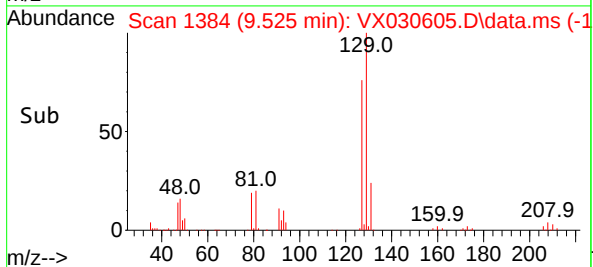
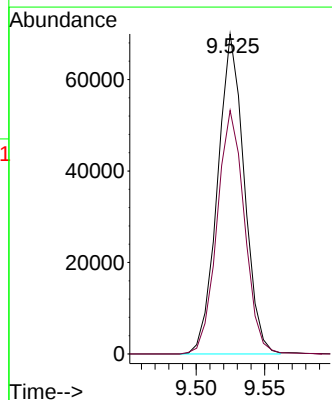
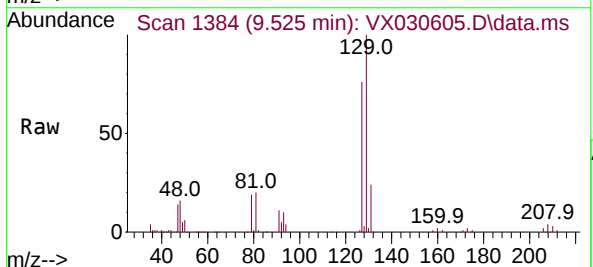
Ion	Ratio	Lower	Upper
43	100		
58	48.2	40.4	60.6
57	17.3	14.6	22.0
100	8.8	8.2	12.4

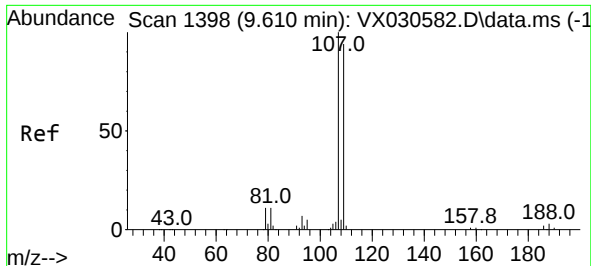


#49
Dibromochloromethane
Concen: 51.792 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

Tgt Ion: 129 Resp: 94520

Ion	Ratio	Lower	Upper
129	100		
127	76.1	55.6	103.2





#50

1,2-Dibromoethane

Concen: 50.309 ug/L

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX030605.D

Acq: 12 Aug 2022 19:29

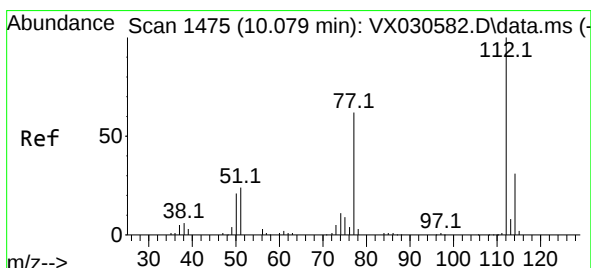
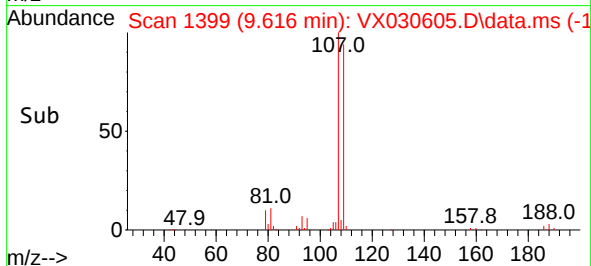
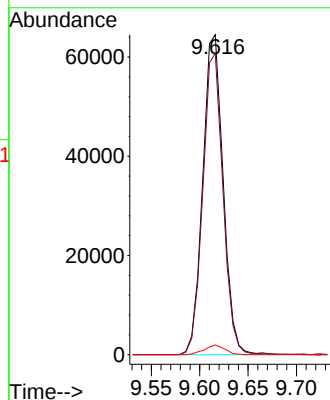
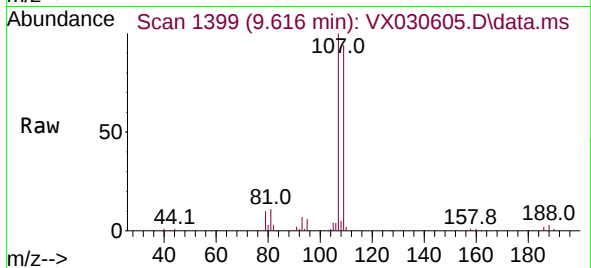
Instrument :

MSVOA_X

ClientSampleId :

VSTD050780

Tgt Ion:	107	Resp:	94906
Ion	Ratio	Lower	Upper
107	100		
109	94.2	64.8	120.4
188	3.1	2.2	3.2



#51

Chlorobenzene

Concen: 50.158 ug/L

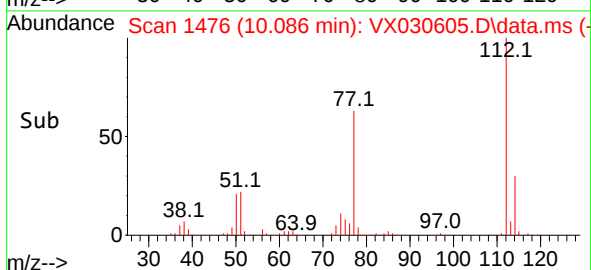
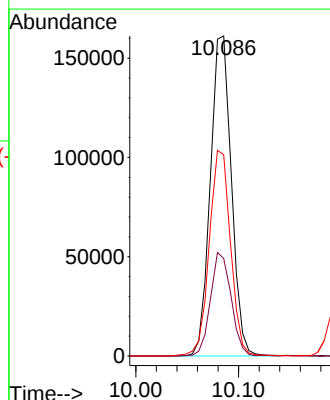
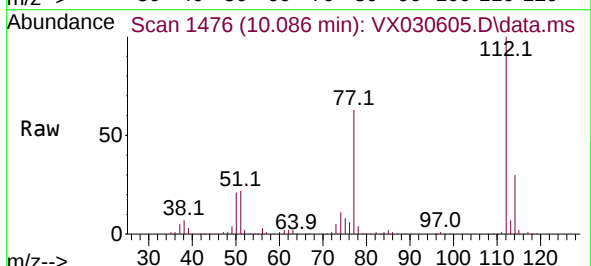
RT: 10.086 min Scan# 1476

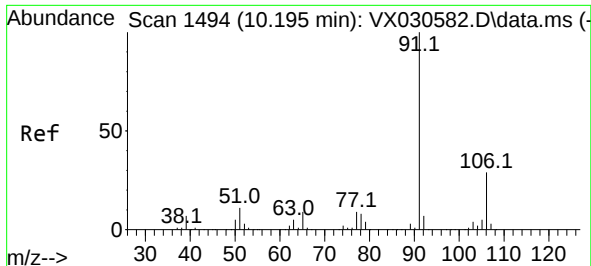
Delta R.T. 0.006 min

Lab File: VX030605.D

Acq: 12 Aug 2022 19:29

Tgt Ion:	112	Resp:	229045
Ion	Ratio	Lower	Upper
112	100		
114	30.4	22.3	41.5
77	62.9	50.8	76.2

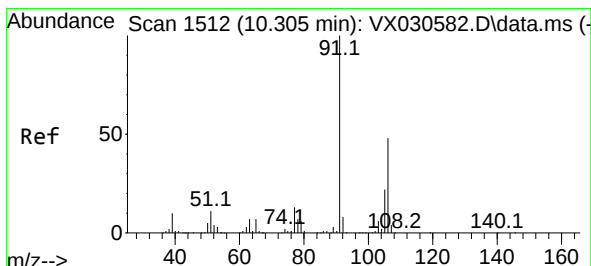
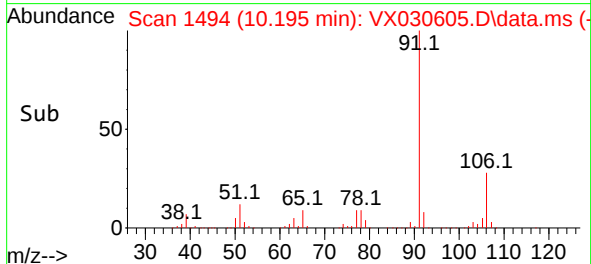
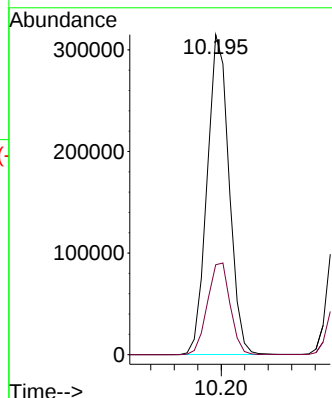
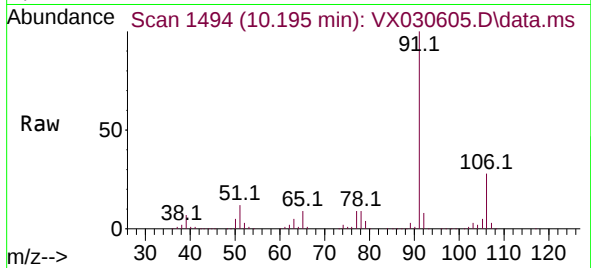




#52
Ethylbenzene
Concen: 50.943 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

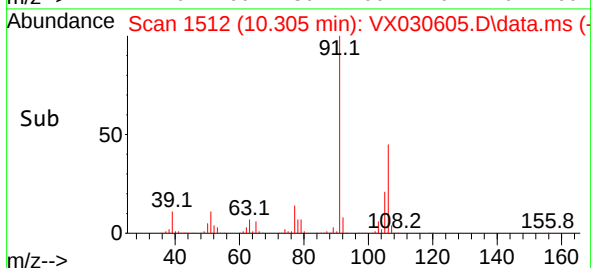
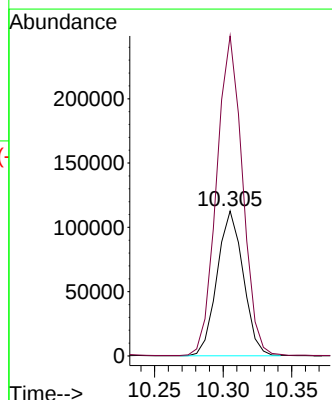
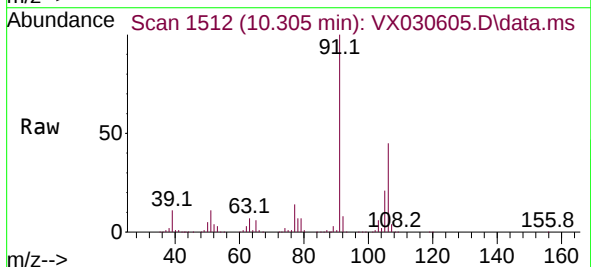
Instrument :
MSVOA_X
ClientSampleId :
VSTD050780

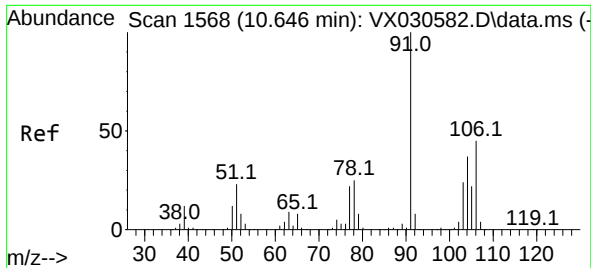
Tgt Ion: 91 Resp: 407141
Ion Ratio Lower Upper
91 100
106 28.1 21.3 39.5



#53
m,p-Xylene
Concen: 50.262 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

Tgt Ion: 106 Resp: 149725
Ion Ratio Lower Upper
106 100
91 220.7 147.8 274.6

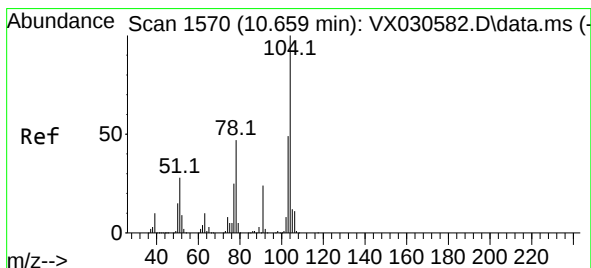
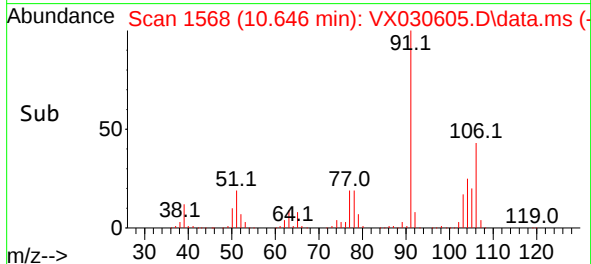
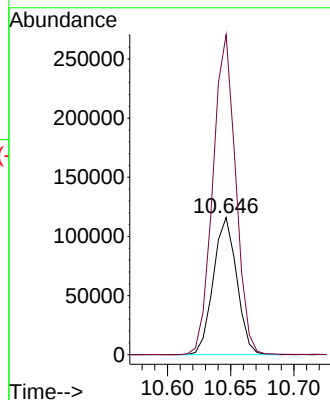
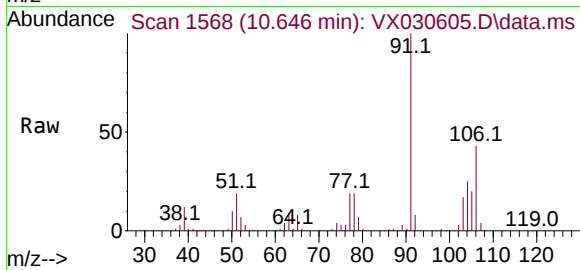




#54
o-Xylene
Concen: 50.334 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

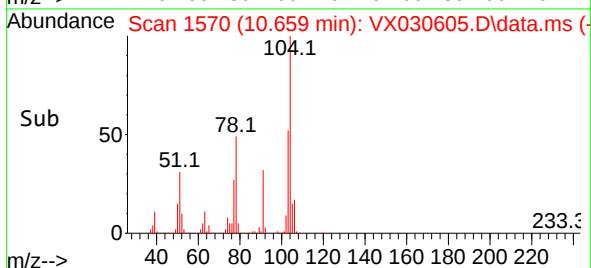
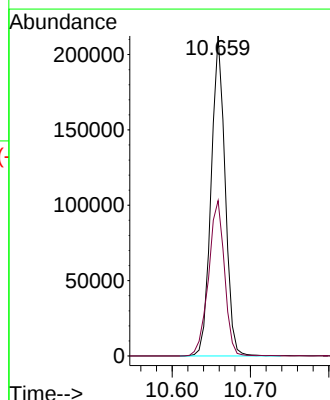
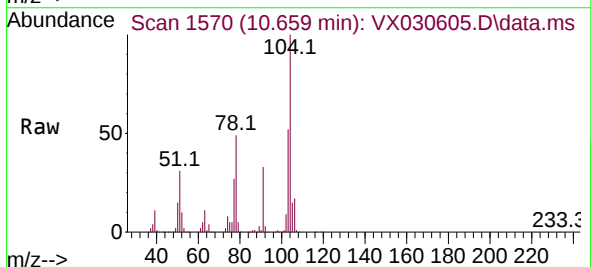
Instrument :
MSVOA_X
ClientSampleId :
VSTD050780

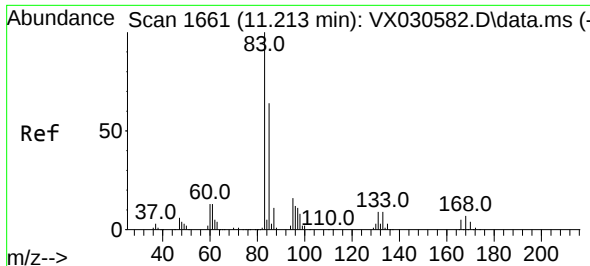
Tgt Ion:106 Resp: 149409
Ion Ratio Lower Upper
106 100
91 233.3 157.8 293.0



#55
Styrene
Concen: 52.493 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

Tgt Ion:104 Resp: 262359
Ion Ratio Lower Upper
104 100
78 48.5 33.2 61.7

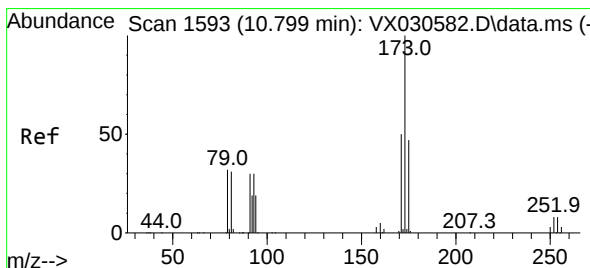
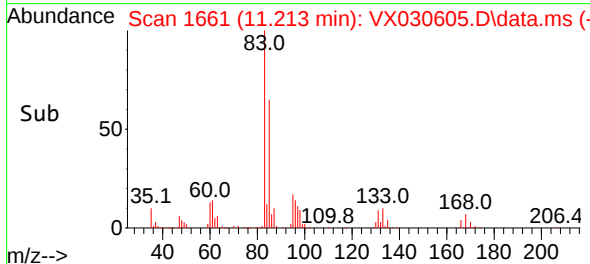
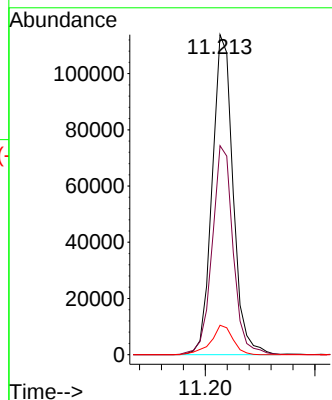
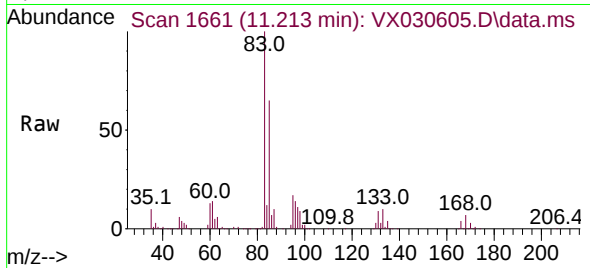




#57
1,1,2,2-Tetrachloroethane
Concen: 57.591 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

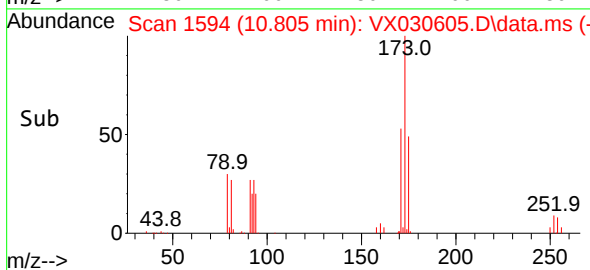
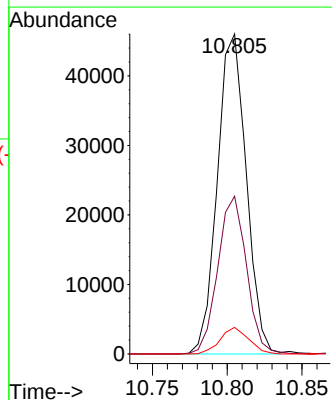
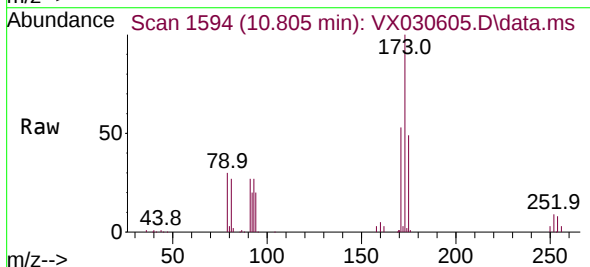
Instrument :
MSVOA_X
ClientSampleId :
VSTD050780

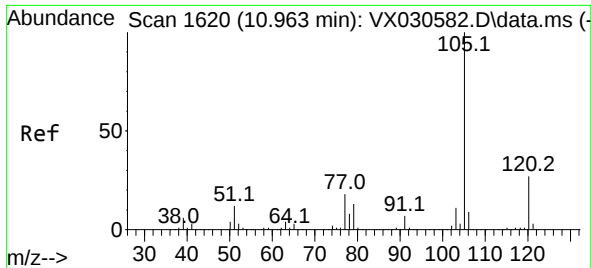
Tgt Ion: 83 Resp: 150322
Ion Ratio Lower Upper
83 100
85 65.3 44.4 82.4
131 9.2 7.5 11.3



#59
Bromoform
Concen: 51.087 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

Tgt Ion:173 Resp: 61893
Ion Ratio Lower Upper
173 100
175 48.9 38.9 58.3
254 8.2 7.0 10.4

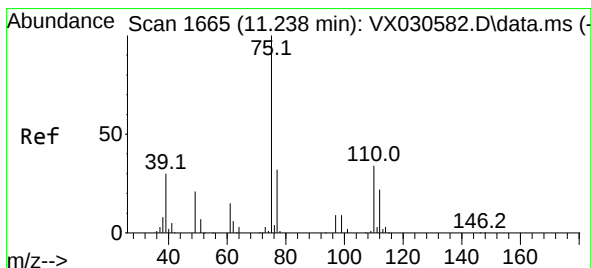
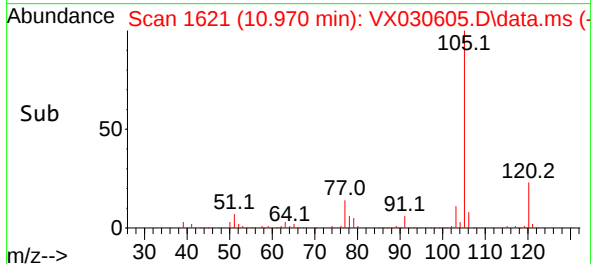
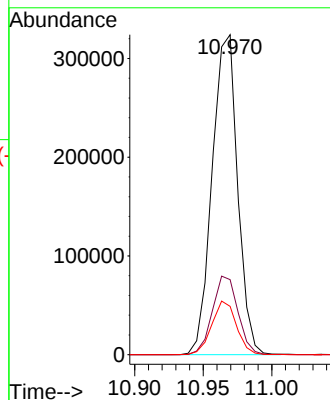
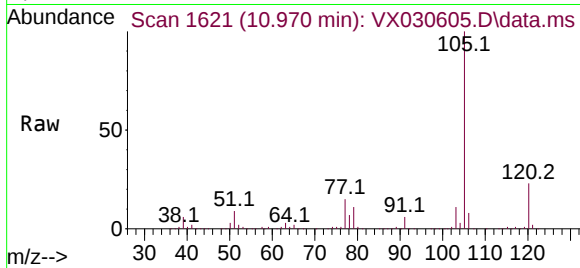




#60
Isopropylbenzene
Concen: 53.125 ug/L
RT: 10.970 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

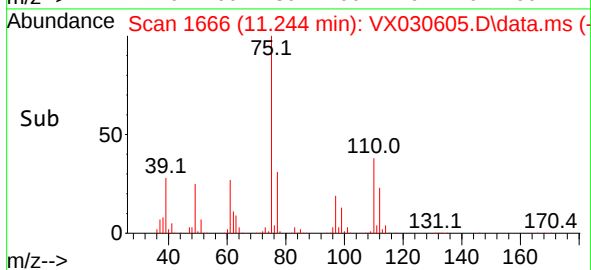
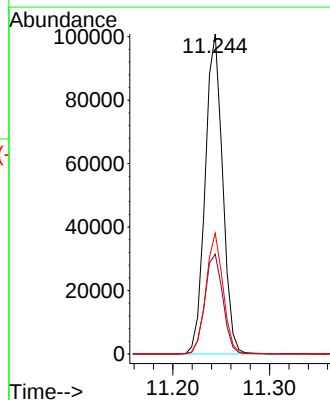
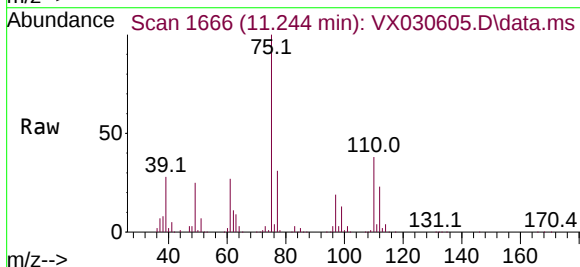
Instrument :
MSVOA_X
ClientSampleId :
VSTD050780

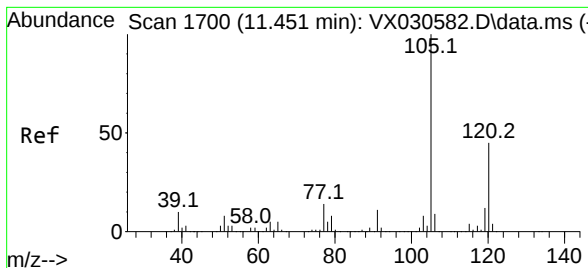
Tgt Ion:105 Resp: 418941
Ion Ratio Lower Upper
105 100
120 24.6 20.6 31.0
77 16.2 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 53.146 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

Tgt Ion: 75 Resp: 126978
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
110 36.7 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 51.261 ug/L

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX030605.D

Acq: 12 Aug 2022 19:29

Instrument :

MSVOA_X

ClientSampleId :

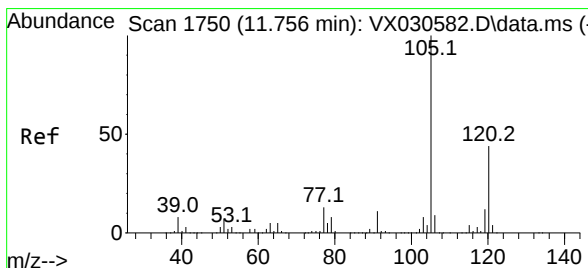
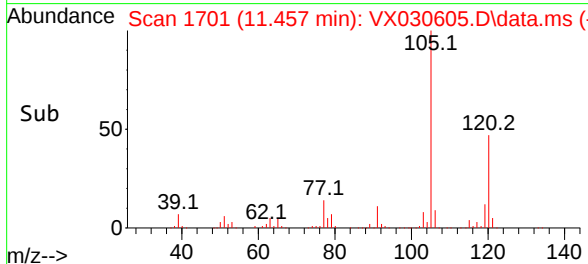
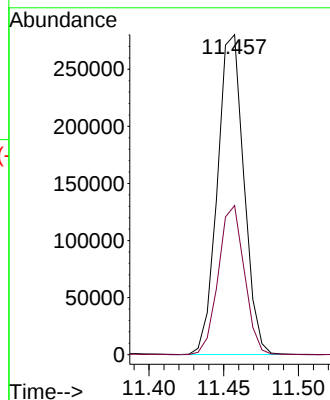
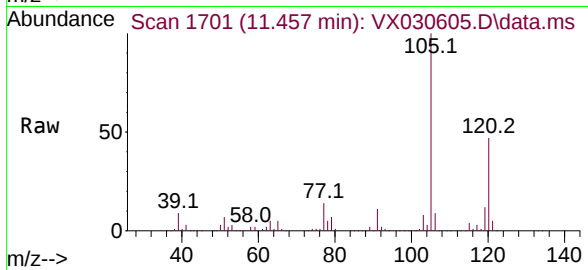
VSTD050780

Tgt Ion:105 Resp: 345120

Ion Ratio Lower Upper

105 100

120 45.8 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 52.484 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX030605.D

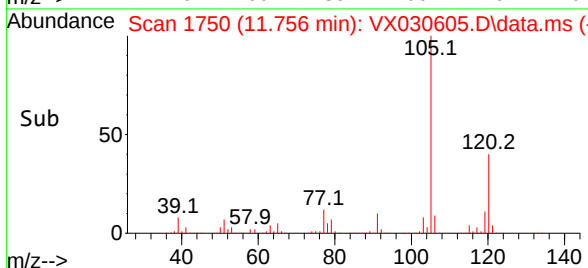
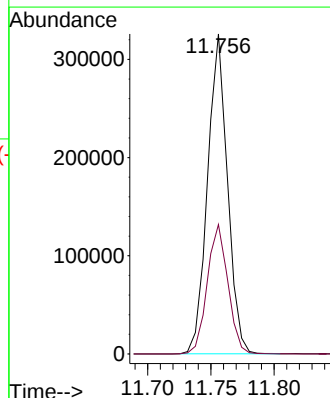
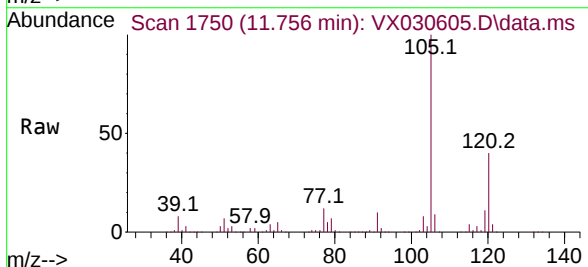
Acq: 12 Aug 2022 19:29

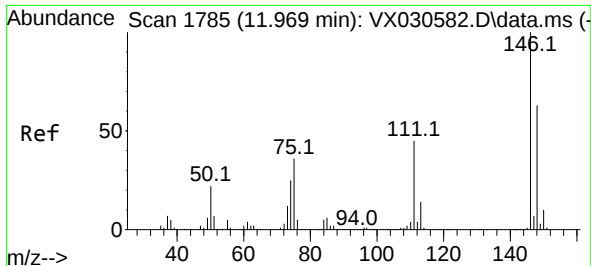
Tgt Ion:105 Resp: 356849

Ion Ratio Lower Upper

105 100

120 41.9 35.9 53.9

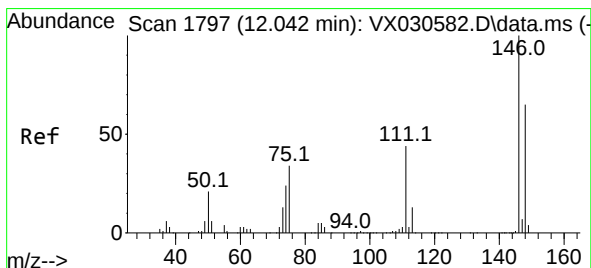
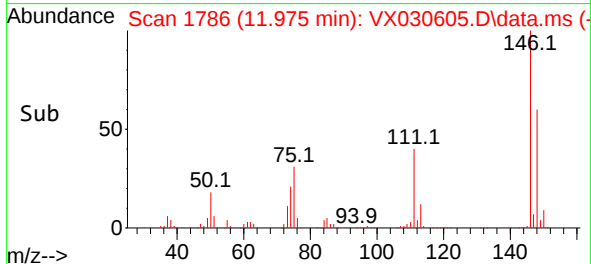
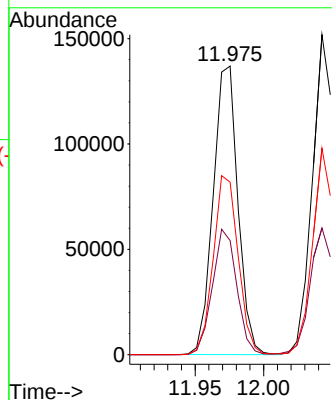
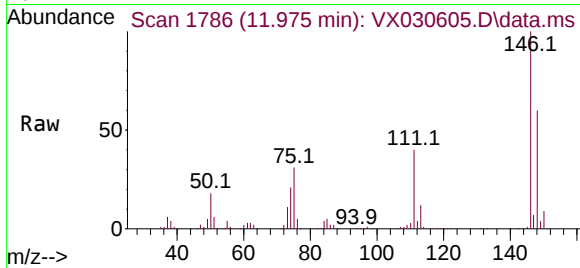




#64
1,3-Dichlorobenzene
Concen: 50.082 ug/L
RT: 11.975 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

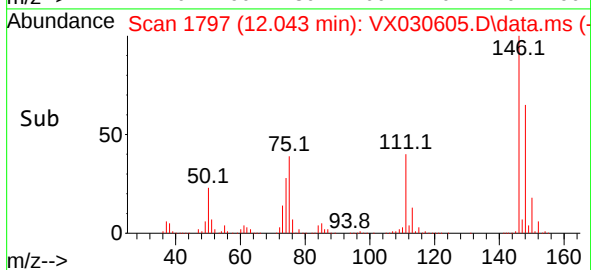
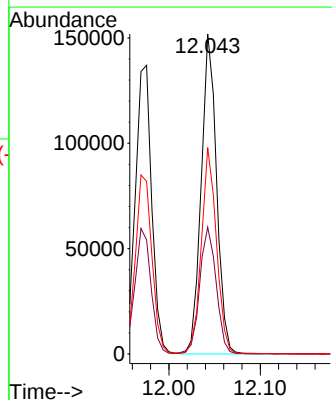
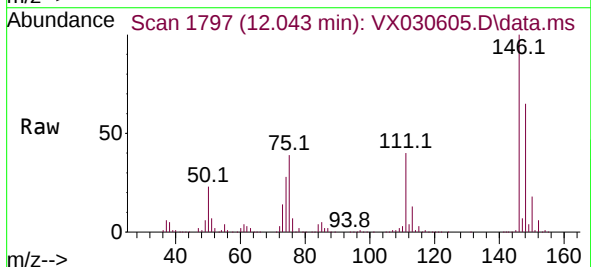
Instrument :
MSVOA_X
ClientSampleId :
VSTD050780

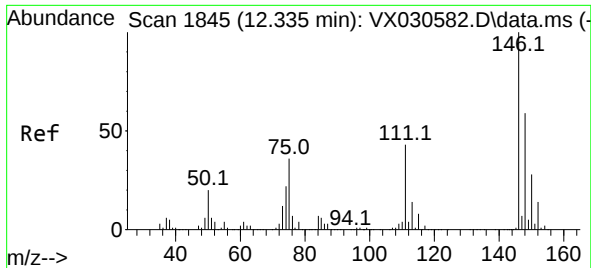
Tgt Ion:146 Resp: 171685
Ion Ratio Lower Upper
146 100
111 39.5 30.9 57.5
148 59.7 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 50.889 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

Tgt Ion:146 Resp: 177342
Ion Ratio Lower Upper
146 100
111 39.6 32.6 60.6
148 64.5 48.3 89.7

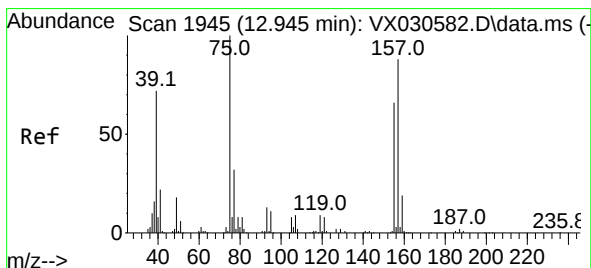
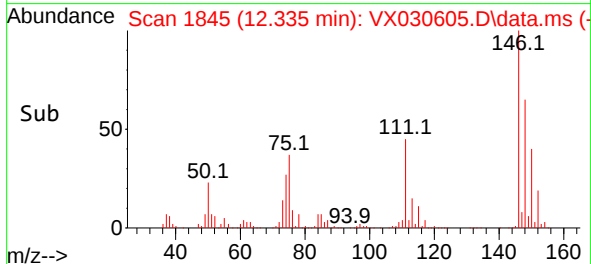
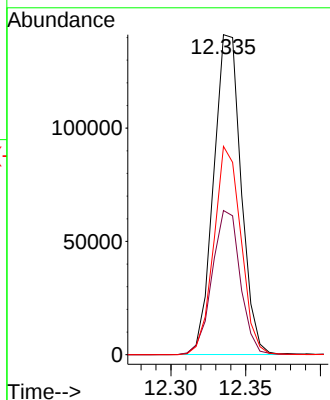
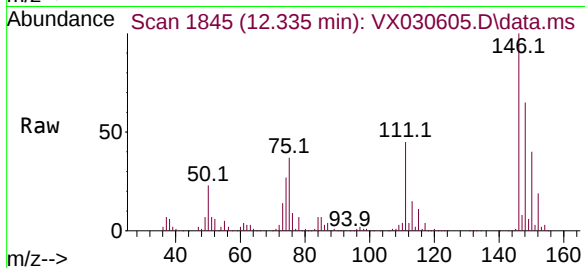




#67
1,2-Dichlorobenzene
Concen: 50.899 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

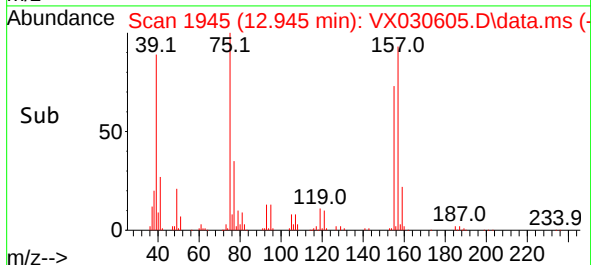
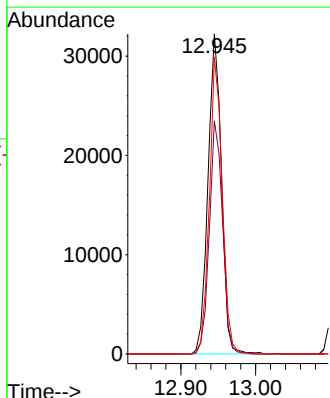
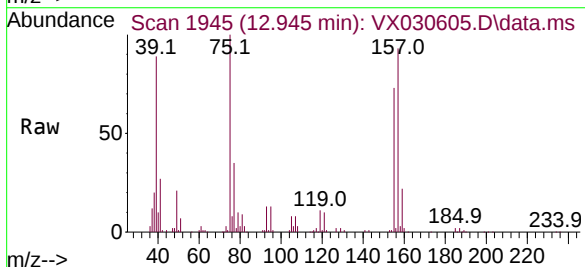
Instrument :
MSVOA_X
ClientSampleId :
VSTD050780

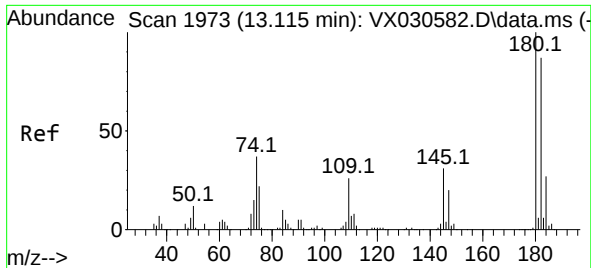
Tgt Ion:146 Resp: 180440
Ion Ratio Lower Upper
146 100
111 45.1 36.9 55.3
148 65.1 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 51.165 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

Tgt Ion: 75 Resp: 40325
Ion Ratio Lower Upper
75 100
155 72.9 57.1 85.7
157 92.7 73.1 109.7

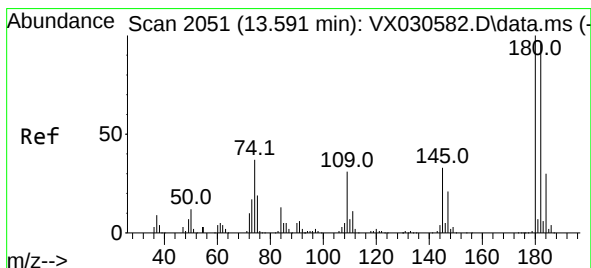
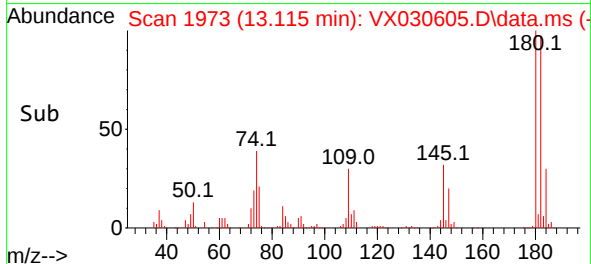
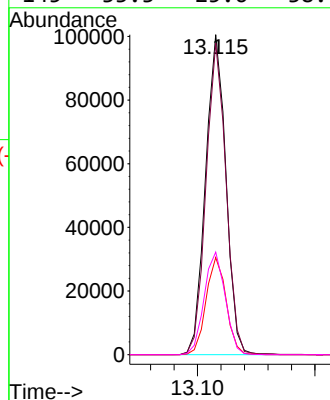
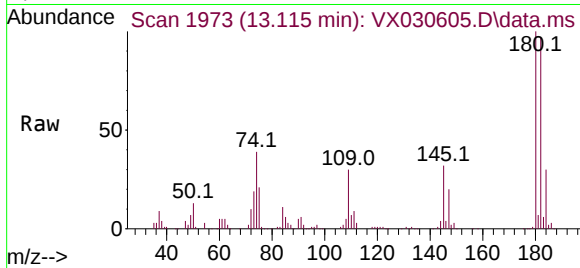




#69
 1,3,5-Trichlorobenzene
 Concen: 50.150 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX030605.D
 Acq: 12 Aug 2022 19:29

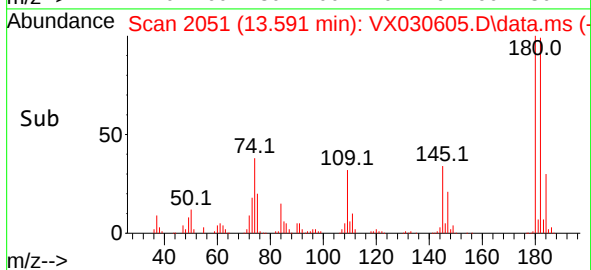
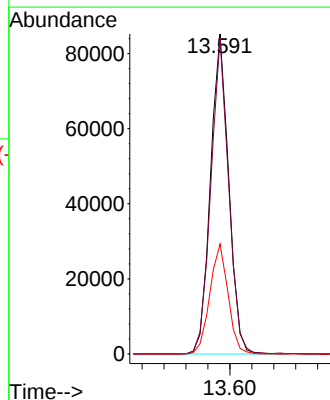
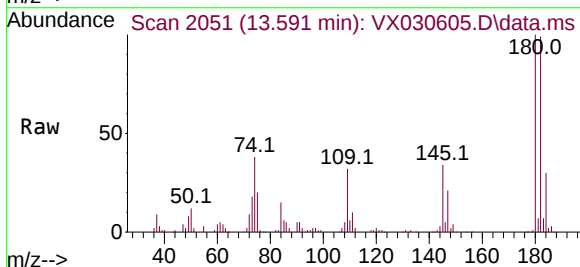
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050780

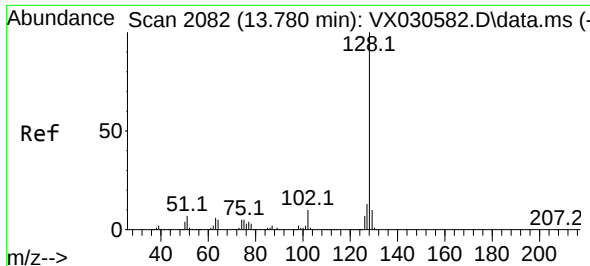
Tgt Ion:180 Resp: 120563
 Ion Ratio Lower Upper
 180 100
 182 95.3 73.7 110.5
 184 30.0 24.1 36.1
 145 33.3 25.6 38.4



#70
 1,2,4-trichlorobenzene
 Concen: 46.465 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX030605.D
 Acq: 12 Aug 2022 19:29

Tgt Ion:180 Resp: 98102
 Ion Ratio Lower Upper
 180 100
 182 96.1 72.7 109.1
 145 34.4 26.6 40.0

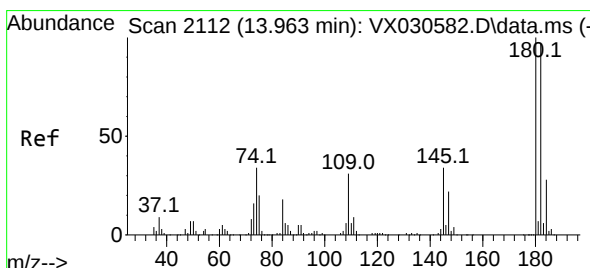
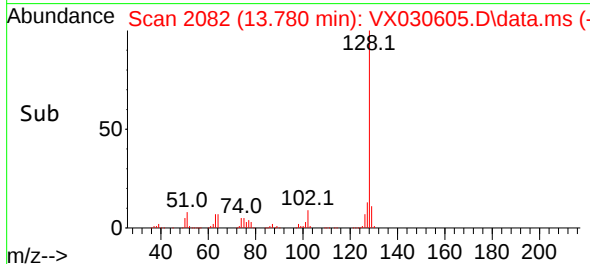
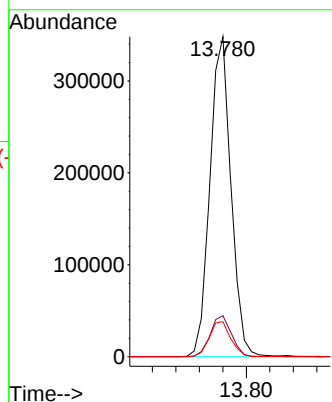
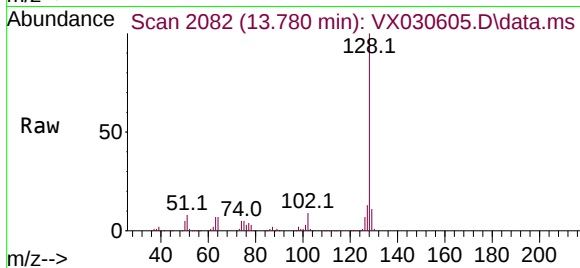




#71
Naphthalene
Concen: 49.426 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTD050780

Tgt Ion:	128	Resp:	431963
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.1	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 49.027 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX030605.D
Acq: 12 Aug 2022 19:29

Tgt Ion:	180	Resp:	109340
Ion	Ratio	Lower	Upper
180	100		
182	95.7	74.6	112.0
145	35.6	28.4	42.6

