

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081022\
 Data File : VX030539.D
 Acq On : 10 Aug 2022 09:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050775

Quant Time: Aug 10 11:36:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 10 01:21:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	294987	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	275426	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	139617	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	92331	48.740	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.480%
7) Chloroethane-d5	1.673	69	72149	54.027	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.060%
11) 1,1-Dichloroethene-d2	2.307	63	185775	51.844	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.680%
21) 2-Butanone-d5	4.471	46	200468	114.213	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.210%
24) Chloroform-d	5.062	84	213890	54.849	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.700%
26) 1,2-Dichloroethane-d4	5.958	65	144815	54.692	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.380%
32) Benzene-d6	5.971	84	391455	49.617	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.240%
36) 1,2-Dichloropropane-d6	7.312	67	134688	52.619	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.240%
41) Toluene-d8	8.647	98	363233	48.843	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.680%
43) trans-1,3-Dichloroprop...	8.952	79	64880	50.950	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.900%
47) 2-Hexanone-d5	9.385	63	135782	104.069	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.070%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	192876	57.359	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.720%
66) 1,2-Dichlorobenzene-d4	12.323	152	135240	49.941	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	120550	54.309	ug/L	100
3) Chloromethane	1.295	50	95410	49.988	ug/L	100
5) Vinyl chloride	1.374	62	104986	51.496	ug/L	96
6) Bromomethane	1.612	94	40990	42.785	ug/L	97
8) Chloroethane	1.691	64	66134	56.949	ug/L	96
9) Trichlorofluoromethane	1.886	101	163159	54.150	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	93457	52.149	ug/L	96
12) 1,1-Dichloroethene	2.319	96	83376	50.498	ug/L	87
13) Acetone	2.398	43	145005	112.722	ug/L	99
14) Carbon disulfide	2.508	76	262389	49.032	ug/L	100
15) Methyl Acetate	2.709	43	143025	53.715	ug/L	99
16) Methylene chloride	2.788	84	109390	52.250	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	98772	51.637	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	350639	53.904	ug/L	98
19) 1,1-Dichloroethane	3.611	63	206381	55.785	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	113204	52.611	ug/L	98
22) 2-Butanone	4.568	43	224015	110.390	ug/L	98
23) Bromochloromethane	4.898	128	55567	51.496	ug/L	91
25) Chloroform	5.099	83	214433	55.165	ug/L	99

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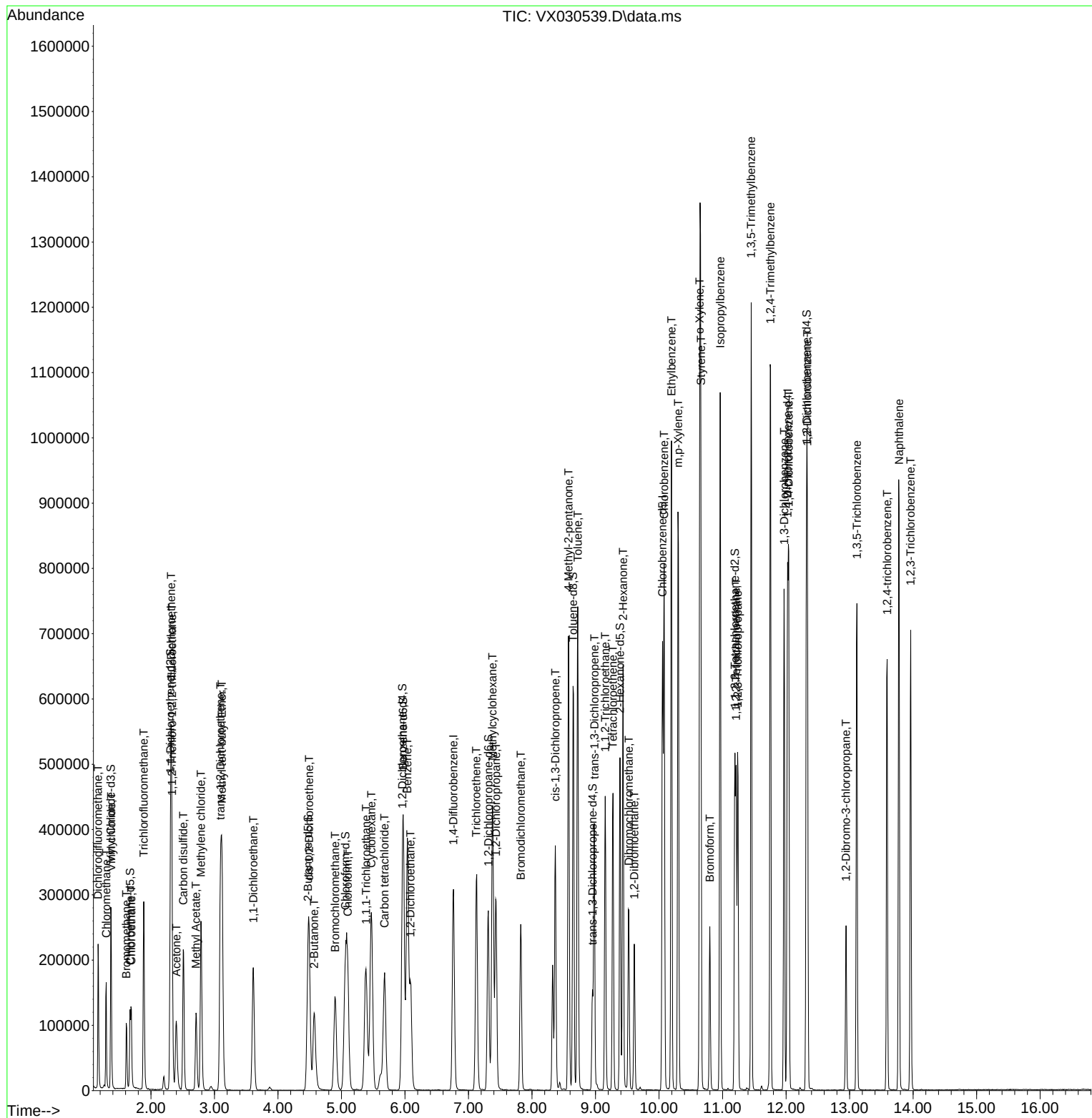
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	179516	55.488	ug/L	95
29) Cyclohexane	5.471	56	185565	50.679	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	184731	50.848	ug/L	99
31) Carbon tetrachloride	5.678	117	154509	51.529	ug/L	99
33) Benzene	6.038	78	446504	50.563	ug/L	100
34) Trichloroethene	7.123	95	122804	48.015	ug/L	89
35) Methylcyclohexane	7.379	83	188595	50.652	ug/L	95
37) 1,2-Dichloropropane	7.434	63	119486	50.889	ug/L	99
38) Bromodichloromethane	7.824	83	163958	52.762	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	182893	52.217	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	419469	102.589	ug/L	98
42) Toluene	8.720	91	468690	50.242	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	185492	54.108	ug/L	95
45) 1,1,2-Trichloroethane	9.153	97	112146	51.366	ug/L	97
46) Tetrachloroethene	9.275	164	79403	49.124	ug/L	98
48) 2-Hexanone	9.433	43	338811	106.648	ug/L	99
49) Dibromochloromethane	9.525	129	118393	50.972	ug/L	97
50) 1,2-Dibromoethane	9.610	107	119790	49.893	ug/L	98
51) Chlorobenzene	10.080	112	302855	52.110	ug/L	96
52) Ethylbenzene	10.195	91	542595	53.344	ug/L	97
53) m,p-Xylene	10.299	106	196695	51.881	ug/L	98
54) o-Xylene	10.640	106	193090	51.111	ug/L	96
55) Styrene	10.659	104	338083	53.149	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	182792	55.025	ug/L	98
59) Bromoform	10.799	173	79888	52.545	ug/L	99
60) Isopropylbenzene	10.964	105	518837	52.427	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	162613	54.234	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	475609	56.292	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	476636	55.861	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	219809	51.094	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	222554	50.889	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	220501	49.564	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	50949	51.513	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	159680	52.928	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	141705	53.482	ug/L	95
71) Naphthalene	13.780	128	544218	49.620	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	145343	51.931	ug/L	100

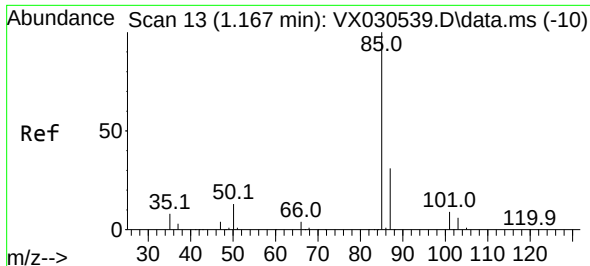
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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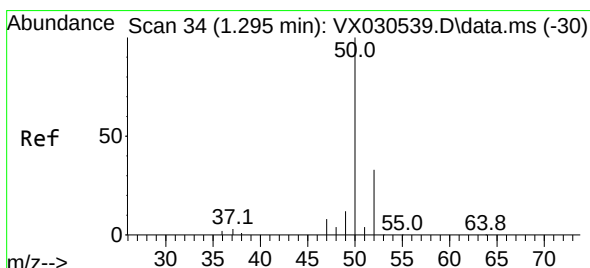
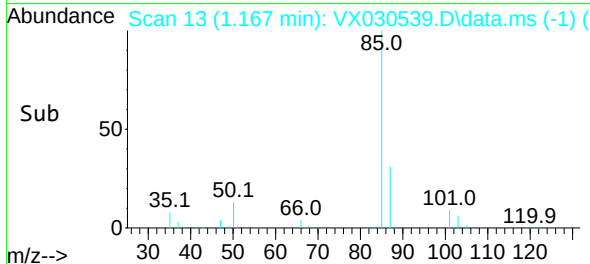
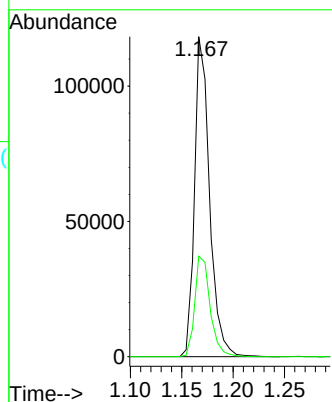
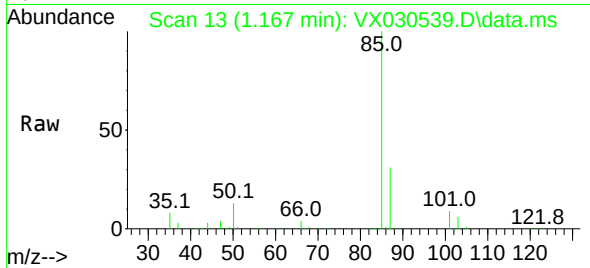




#2
 Dichlorodifluoromethane
 Concen: 54.309 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030539.D
 Acq: 10 Aug 2022 09:00

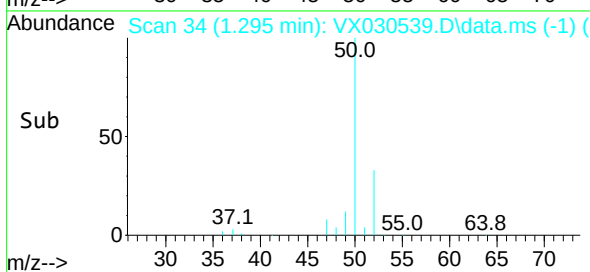
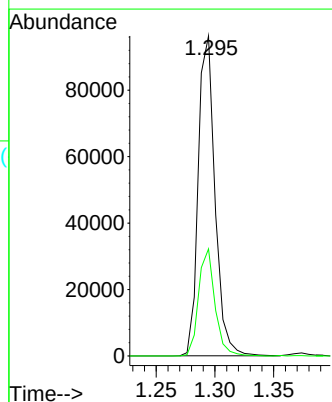
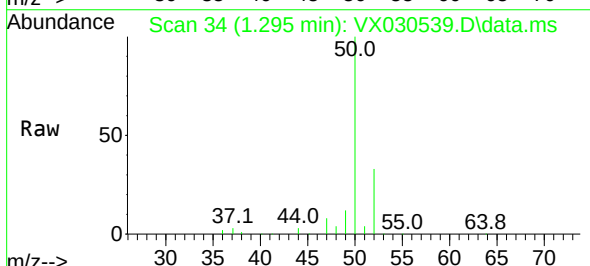
Instrument :
 MSVOA_X
 ClientSampleId :
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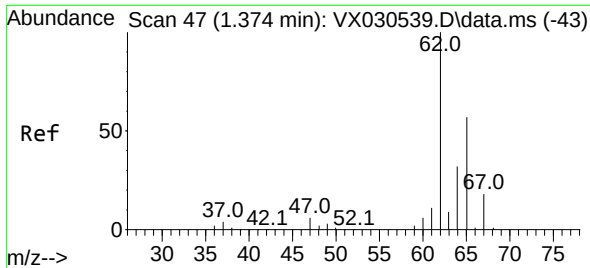
Tgt Ion: 85 Resp: 120550
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.6 38.4



#3
 Chloromethane
 Concen: 49.988 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.006 min
 Lab File: VX030539.D
 Acq: 10 Aug 2022 09:00

Tgt Ion: 50 Resp: 95410
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.3 43.3

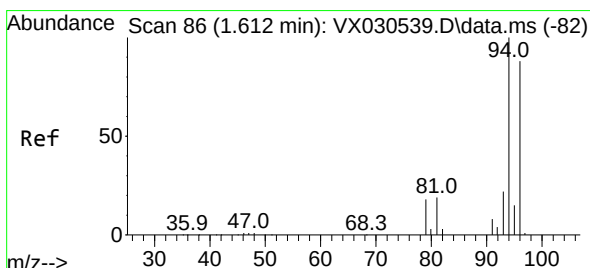
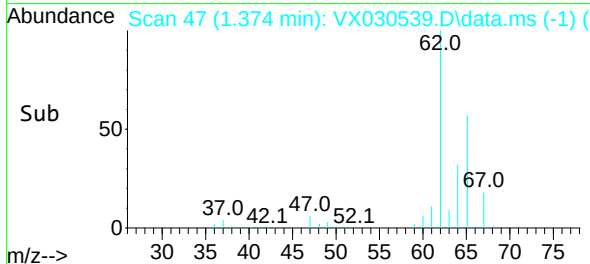
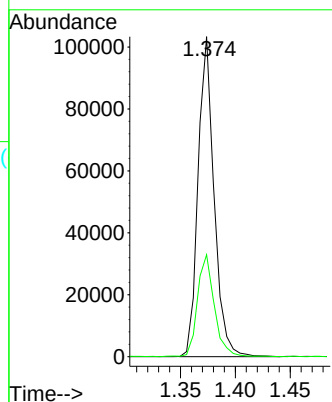
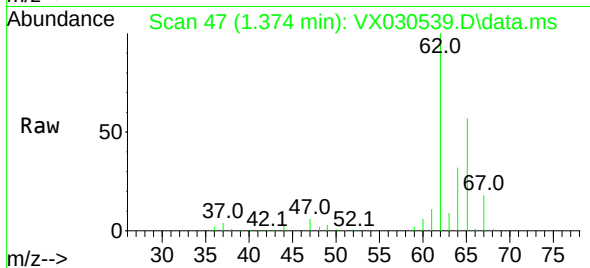




#5
 Vinyl chloride
 Concen: 51.496 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030539.D
 Acq: 10 Aug 2022 09:00

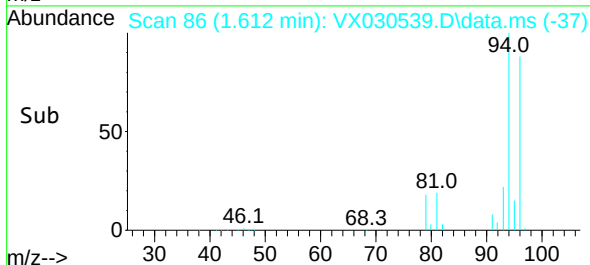
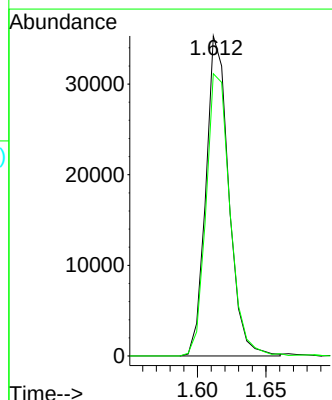
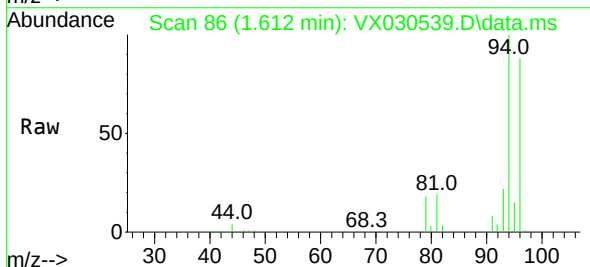
Instrument :
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 ClientSampleId :
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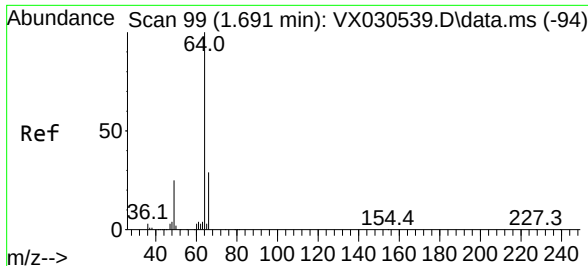
Tgt Ion: 62 Resp: 104986
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.8 44.2



#6
 Bromomethane
 Concen: 42.785 ug/L
 RT: 1.612 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX030539.D
 Acq: 10 Aug 2022 09:00

Tgt Ion: 94 Resp: 40990
 Ion Ratio Lower Upper
 94 100
 96 88.2 63.8 118.6

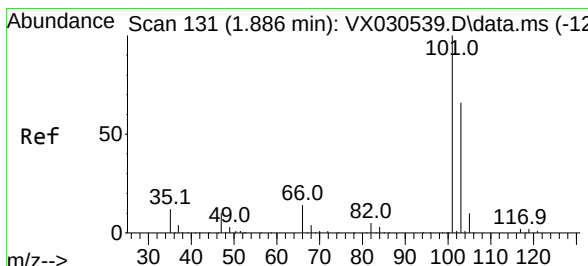
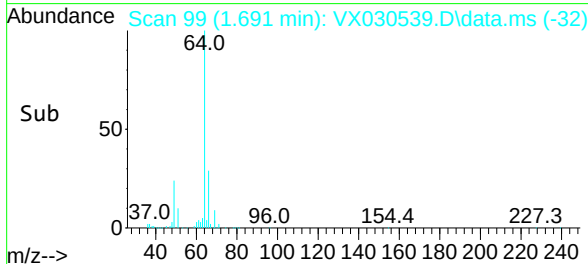
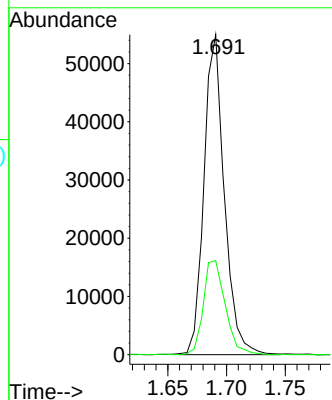
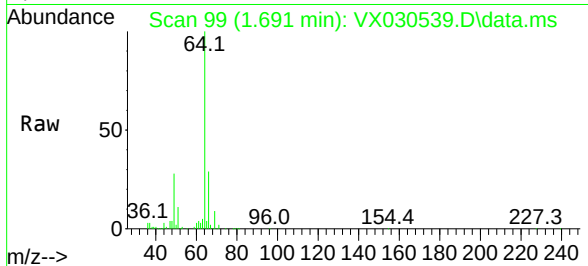




#8
Chloroethane
Concen: 56.949 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

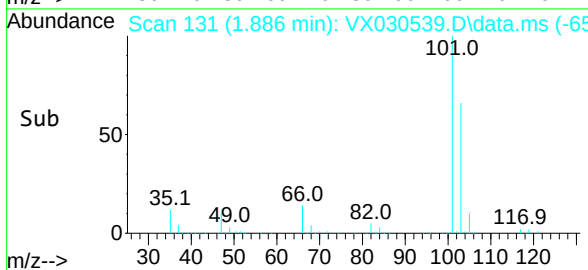
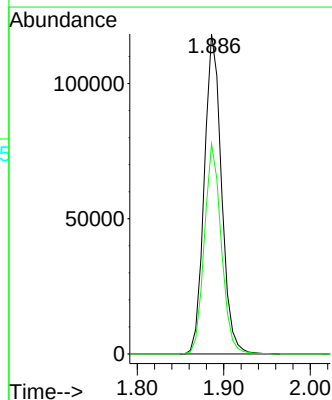
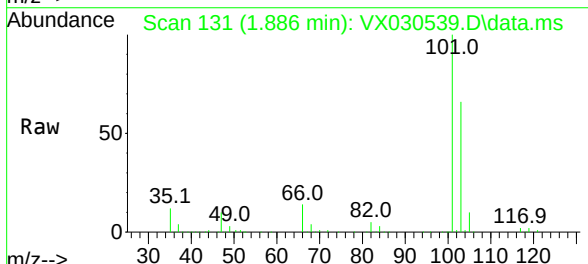
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MSVOA_X
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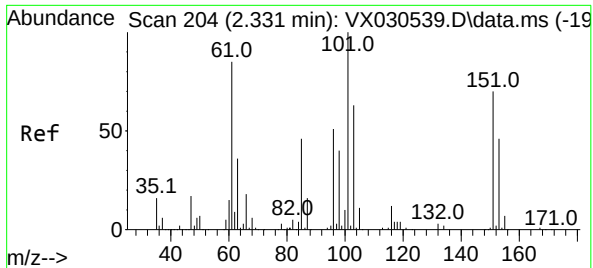
Tgt Ion: 64 Resp: 66134
Ion Ratio Lower Upper
64 100
66 29.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 54.150 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

Tgt Ion: 101 Resp: 163159
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

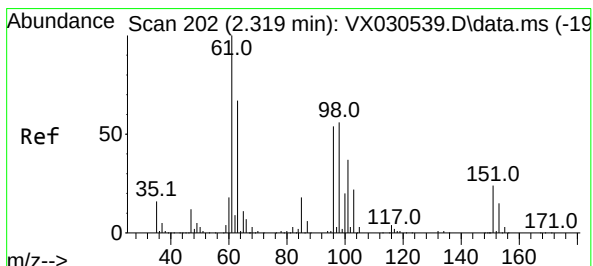
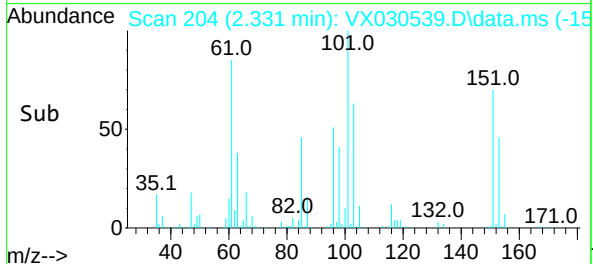
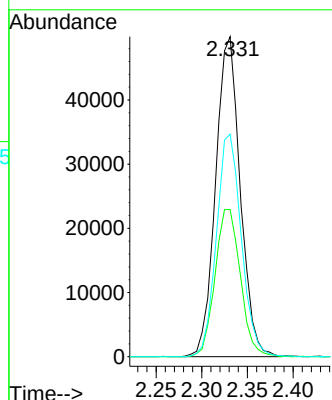
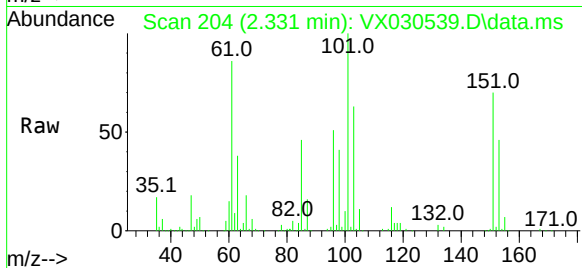




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.149 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX030539.D
 Acq: 10 Aug 2022 09:00

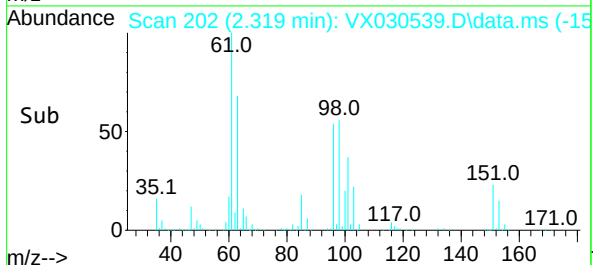
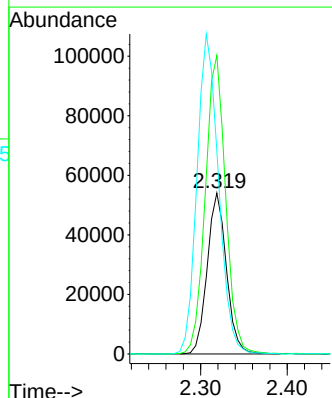
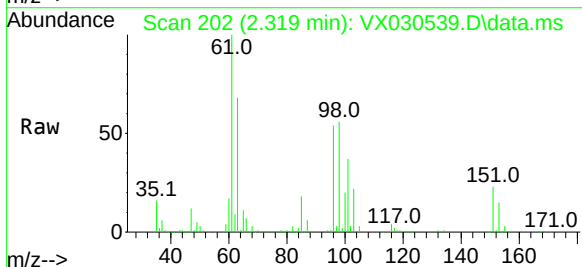
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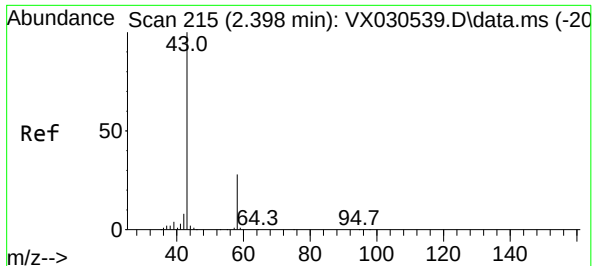
Tgt Ion:101 Resp: 93457
 Ion Ratio Lower Upper
 101 100
 85 47.3 35.3 52.9
 151 70.5 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 50.498 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030539.D
 Acq: 10 Aug 2022 09:00

Tgt Ion: 96 Resp: 83376
 Ion Ratio Lower Upper
 96 100
 61 185.5 130.2 241.8
 63 126.3 113.5 210.9

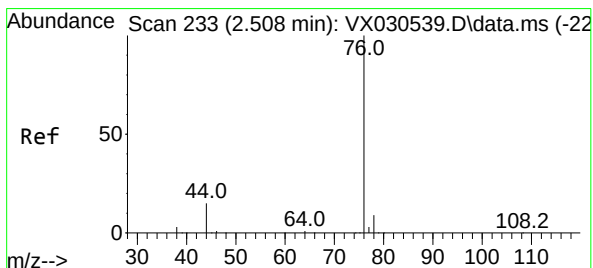
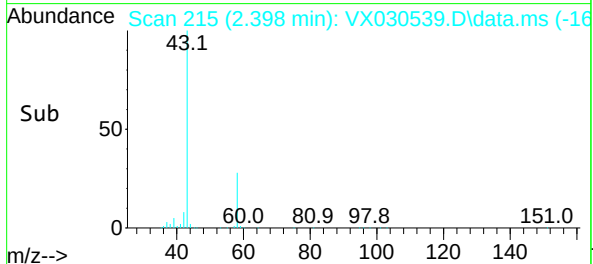
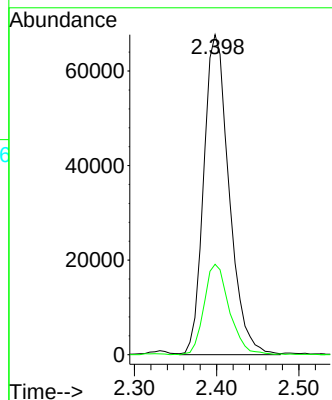
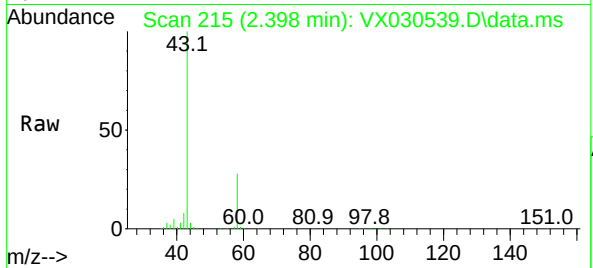




#13
Acetone
Concen: 112.722 ug/L
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

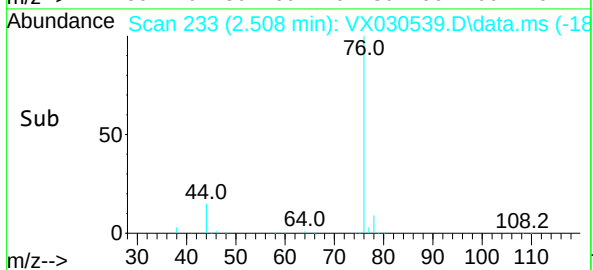
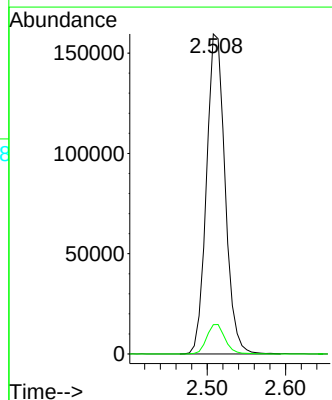
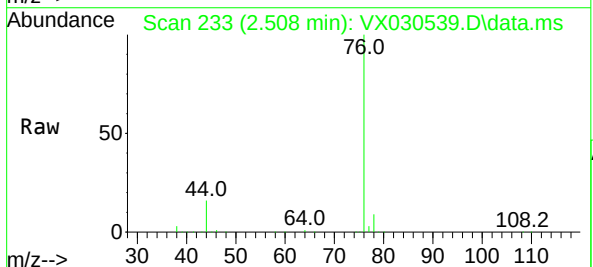
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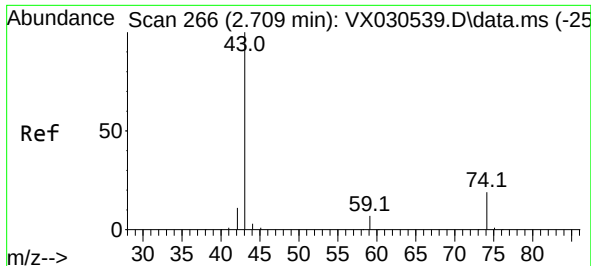
Tgt Ion: 43 Resp: 145005
Ion Ratio Lower Upper
43 100
58 28.1 0.0 57.8



#14
Carbon disulfide
Concen: 49.032 ug/L
RT: 2.508 min Scan# 233
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

Tgt Ion: 76 Resp: 262389
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

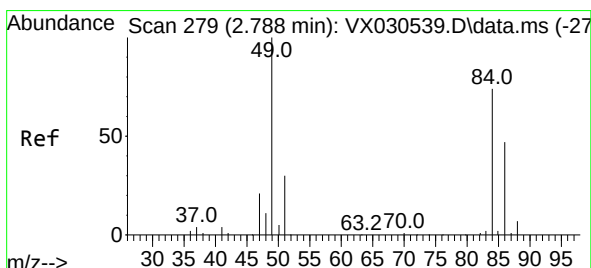
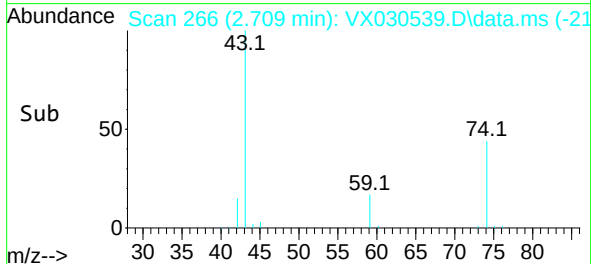
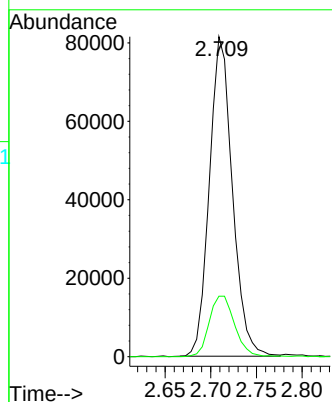
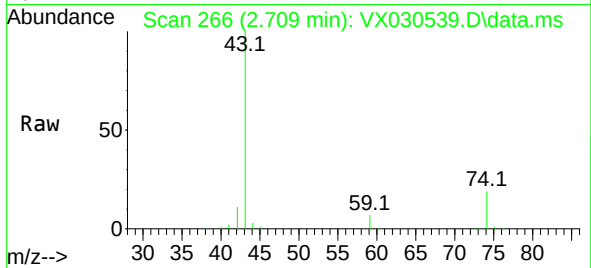




#15
Methyl Acetate
Concen: 53.715 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

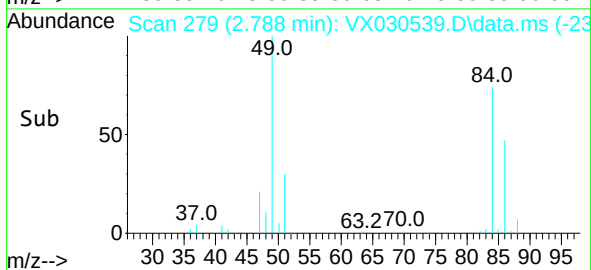
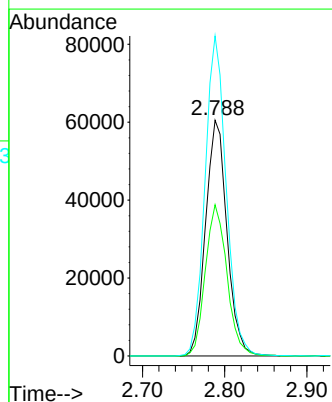
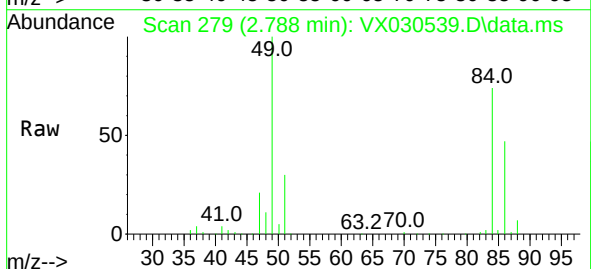
Instrument :
MSVOA_X
ClientSampleId :
VSTD050775

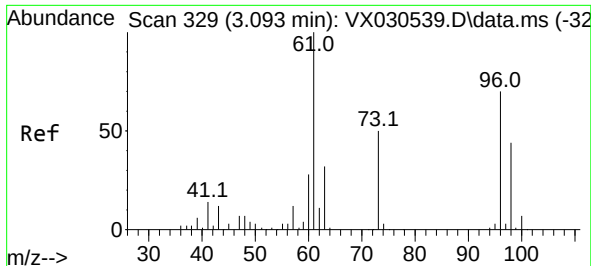
Tgt Ion: 43 Resp: 143025
Ion Ratio Lower Upper
43 100
74 20.9 17.2 25.8



#16
Methylene chloride
Concen: 52.250 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

Tgt Ion: 84 Resp: 109390
Ion Ratio Lower Upper
84 100
86 64.2 44.2 82.2
49 135.8 89.0 165.2

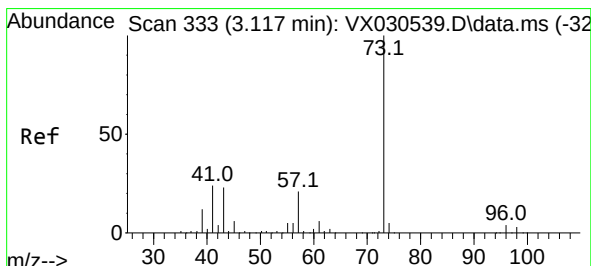
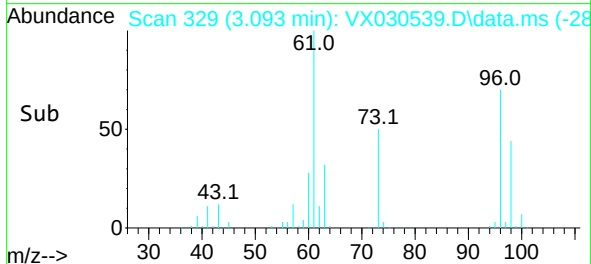
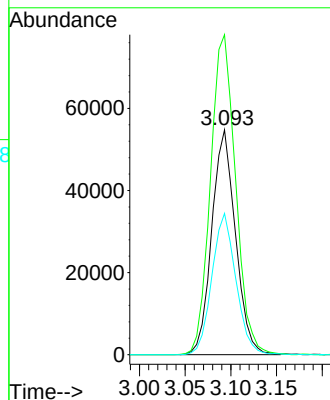
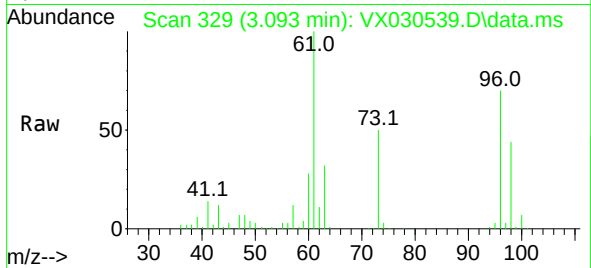




#17
trans-1,2-Dichloroethene
Concen: 51.637 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

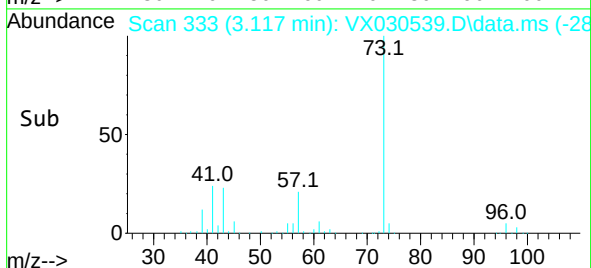
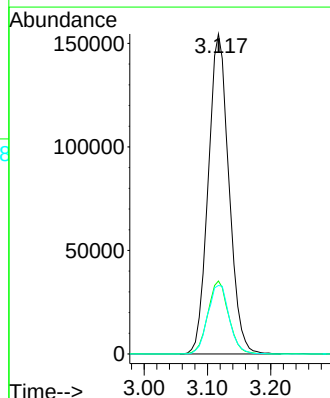
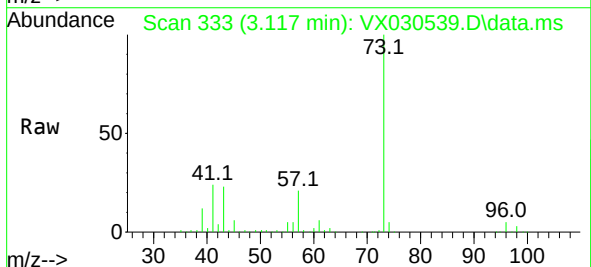
Instrument :
MSVOA_X
ClientSampleId :
VSTD050775

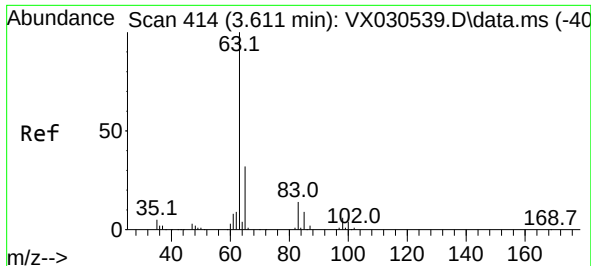
Tgt Ion: 96 Resp: 98772
Ion Ratio Lower Upper
96 100
61 142.3 103.7 192.5
98 62.9 41.5 77.1



#18
Methyl tert-butyl Ether
Concen: 53.904 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

Tgt Ion: 73 Resp: 350639
Ion Ratio Lower Upper
73 100
43 22.9 17.6 26.4
57 22.4 17.5 26.3





#19

1,1-Dichloroethane

Concen: 55.785 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX030539.D

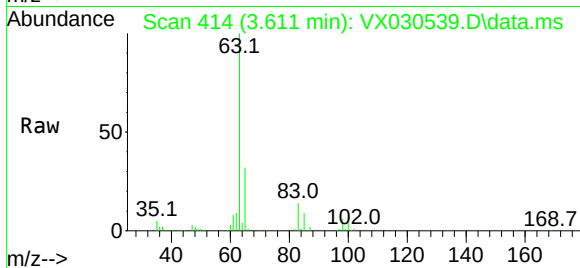
Acq: 10 Aug 2022 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTD050775



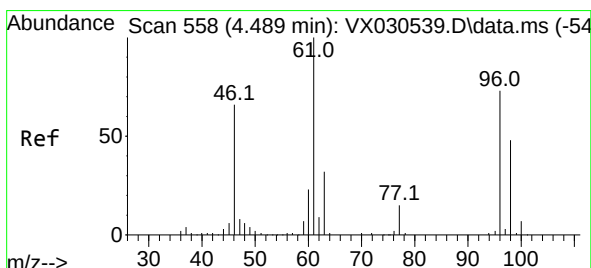
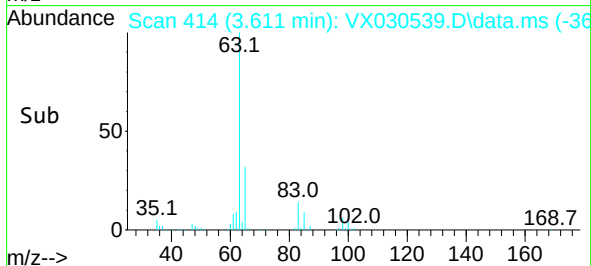
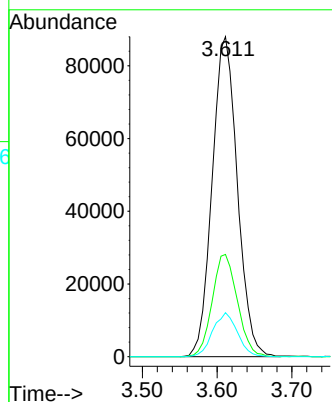
Tgt Ion: 63 Resp: 206381

Ion Ratio Lower Upper

63 100

65 32.0 22.0 40.8

83 13.8 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 52.611 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX030539.D

Acq: 10 Aug 2022 09:00

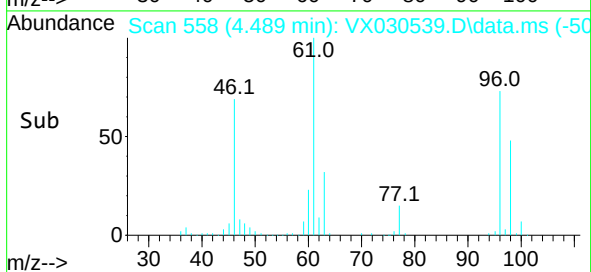
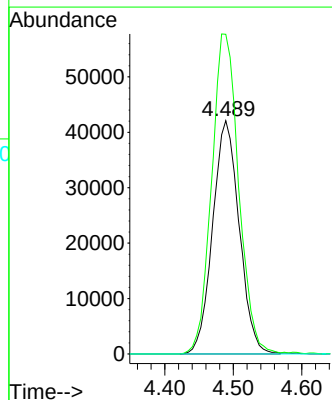
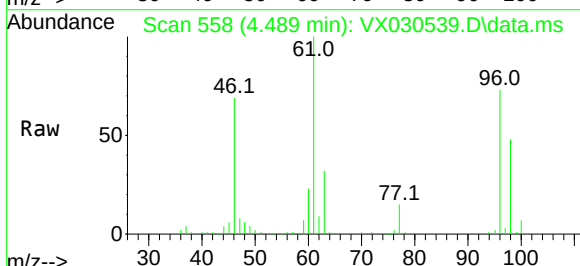
Tgt Ion: 96 Resp: 113204

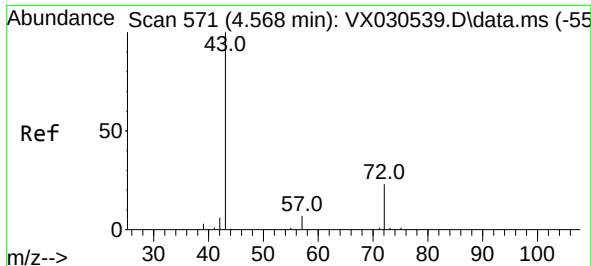
Ion Ratio Lower Upper

96 100

61 137.1 94.0 174.6

68 0.0 0.0 0.0

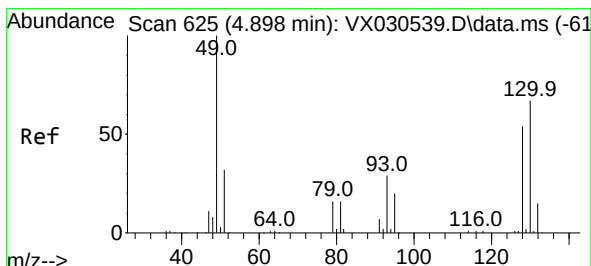
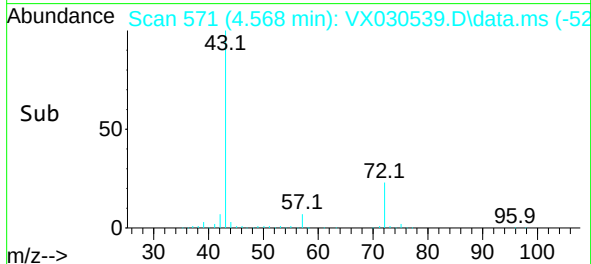
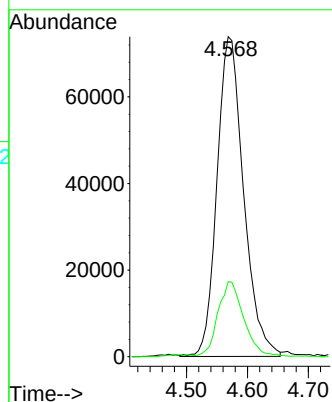
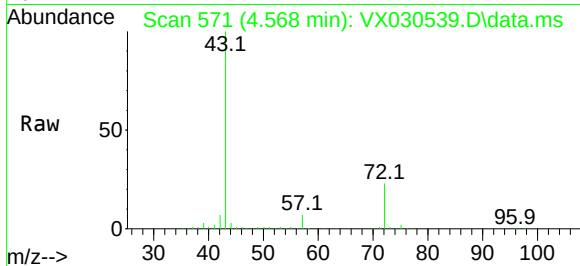




#22
2-Butanone
Concen: 110.390 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

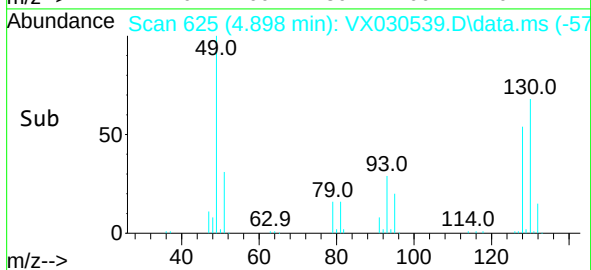
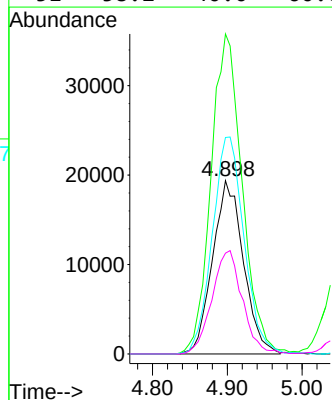
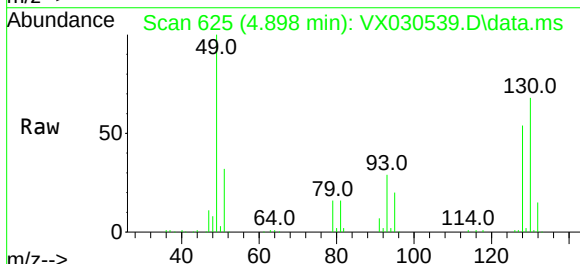
Instrument :
MSVOA_X
ClientSampleId :
VSTD050775

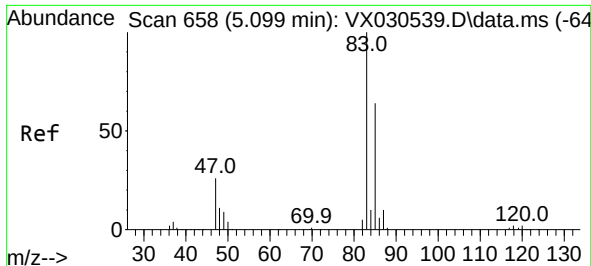
Tgt Ion: 43 Resp: 224015
Ion Ratio Lower Upper
43 100
72 22.7 11.7 35.1



#23
Bromochloromethane
Concen: 51.496 ug/L
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

Tgt Ion: 128 Resp: 55567
Ion Ratio Lower Upper
128 100
49 184.6 116.8 216.8
130 124.9 90.3 167.7
51 58.2 40.0 60.0





#25

Chloroform

Concen: 55.165 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX030539.D

Acq: 10 Aug 2022 09:00

Instrument :

MSVOA_X

ClientSampleId :

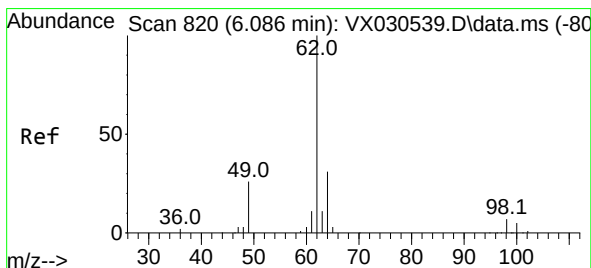
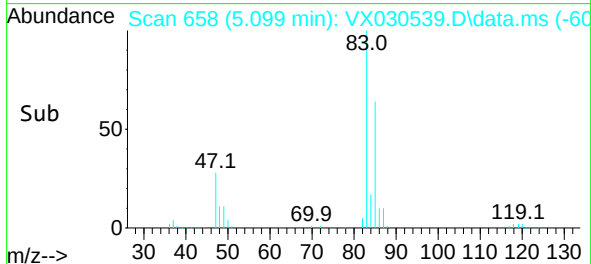
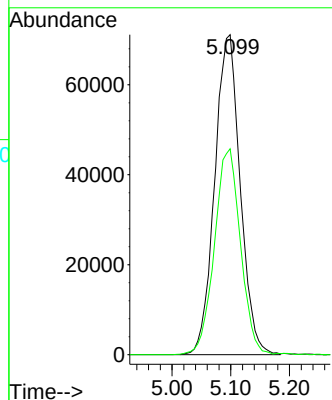
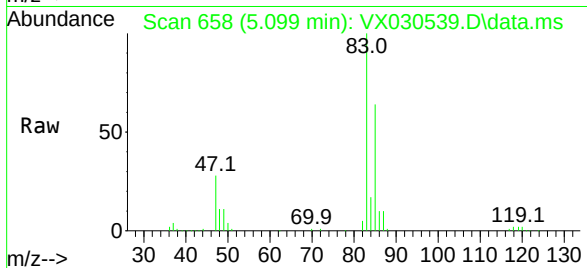
VSTD050775

Tgt Ion: 83 Resp: 214433

Ion Ratio Lower Upper

83 100

85 64.3 45.6 84.6



#27

1,2-Dichloroethane

Concen: 55.488 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX030539.D

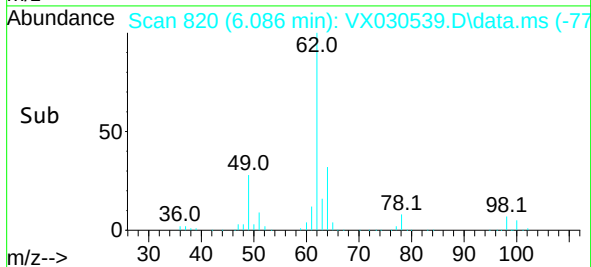
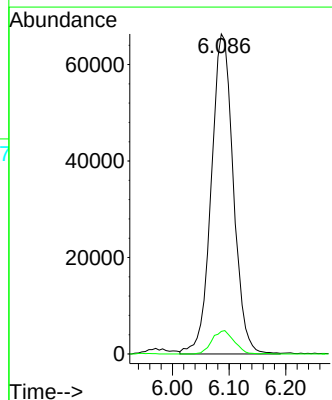
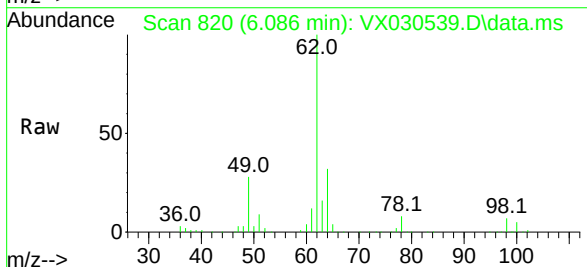
Acq: 10 Aug 2022 09:00

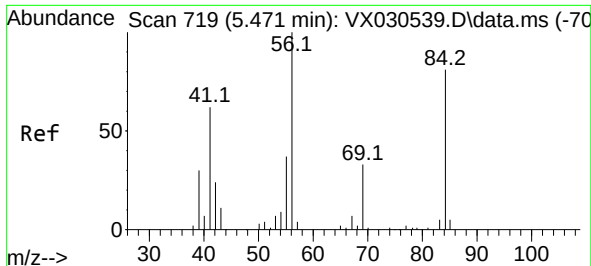
Tgt Ion: 62 Resp: 179516

Ion Ratio Lower Upper

62 100

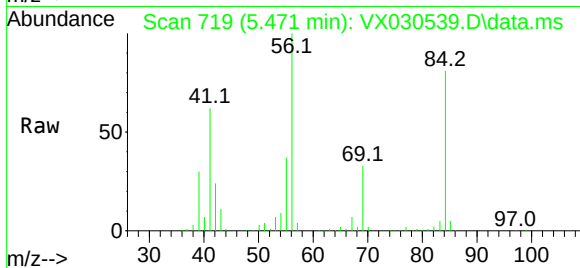
98 7.0 7.0 10.6



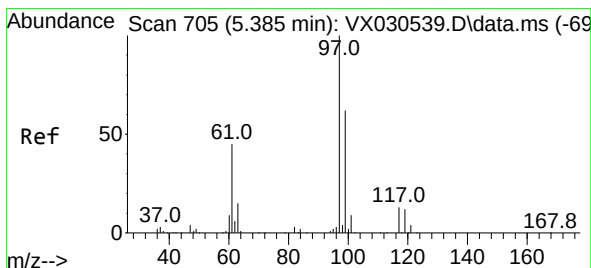
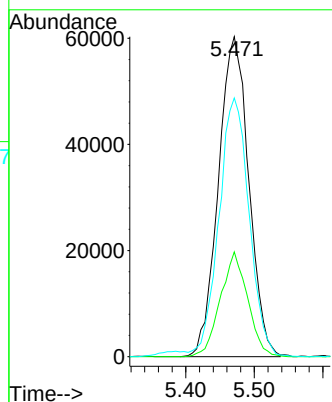
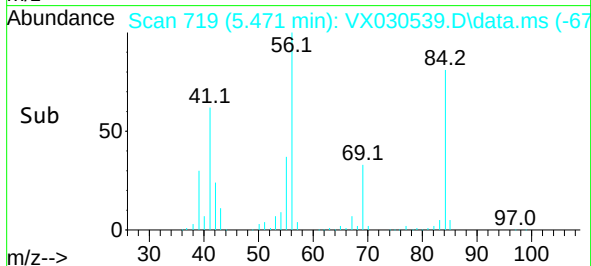


#29
Cyclohexane
Concen: 50.679 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

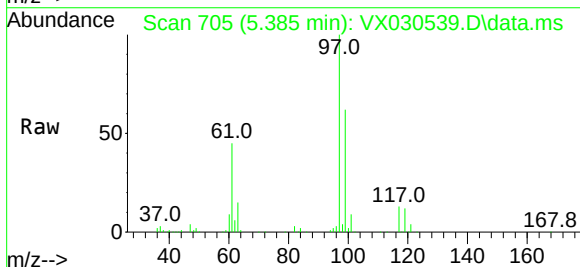
Instrument :
MSVOA_X
ClientSampleId :
VSTD050775



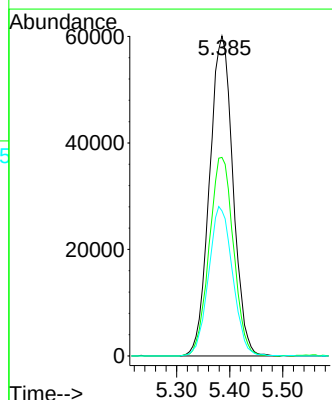
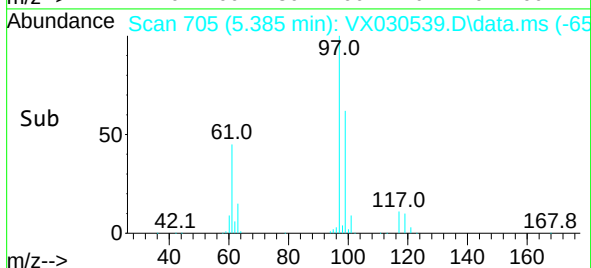
Tgt Ion: 56 Resp: 185565
Ion Ratio Lower Upper
56 100
69 29.4 24.3 36.5
84 80.5 66.7 100.1

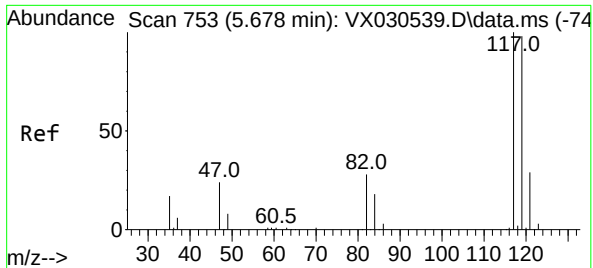


#30
1,1,1-Trichloroethane
Concen: 50.848 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00



Tgt Ion: 97 Resp: 184731
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 47.6 37.0 55.6

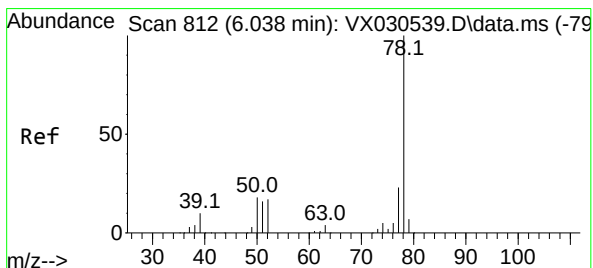
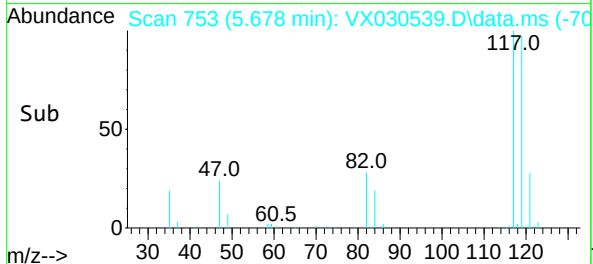
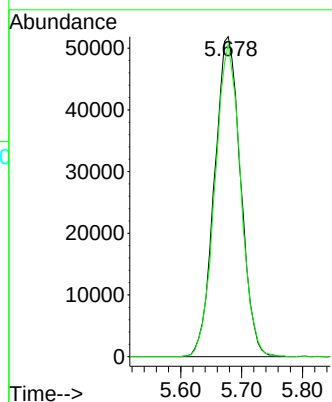
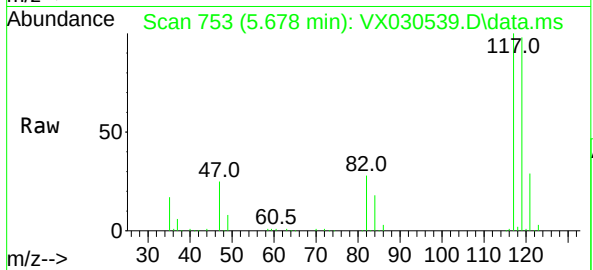




#31
Carbon tetrachloride
Concen: 51.529 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

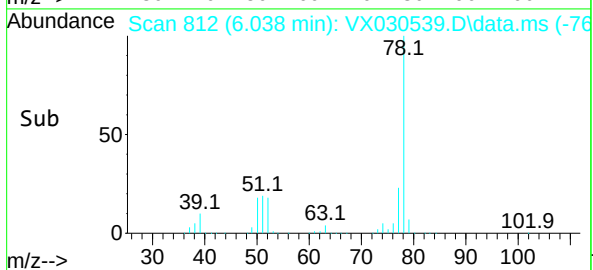
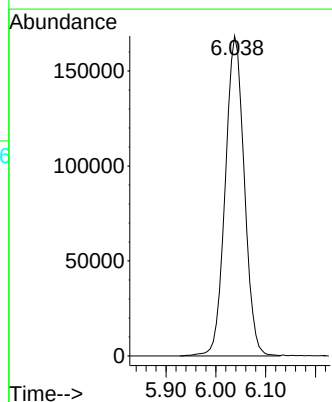
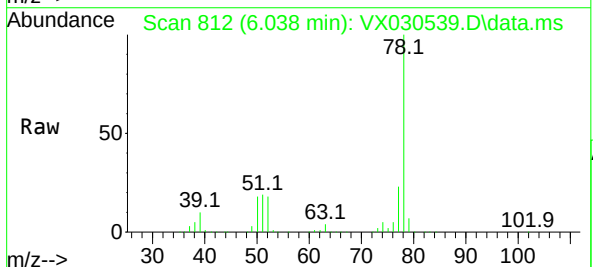
Instrument :
MSVOA_X
ClientSampleId :
VSTD050775

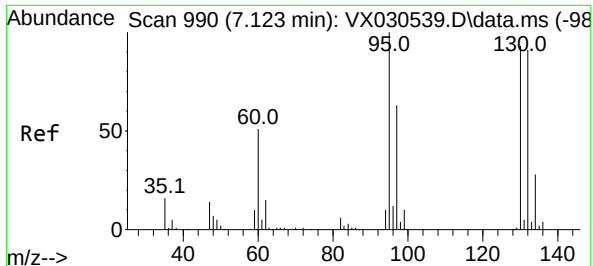
Tgt Ion:117 Resp: 154509
Ion Ratio Lower Upper
117 100
119 96.2 76.2 114.2



#33
Benzene
Concen: 50.563 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

Tgt Ion: 78 Resp: 446504

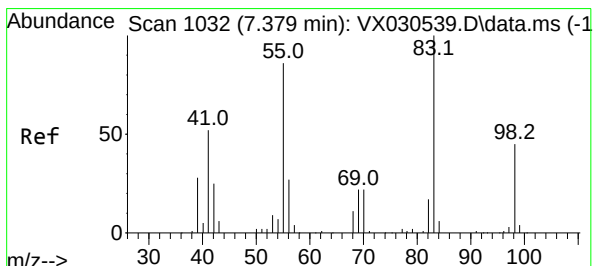
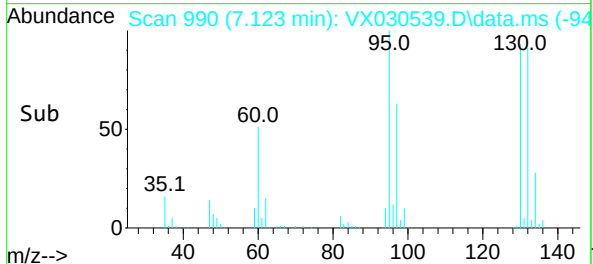
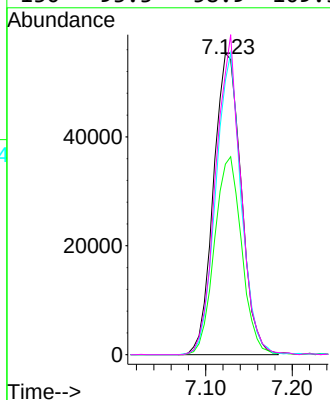
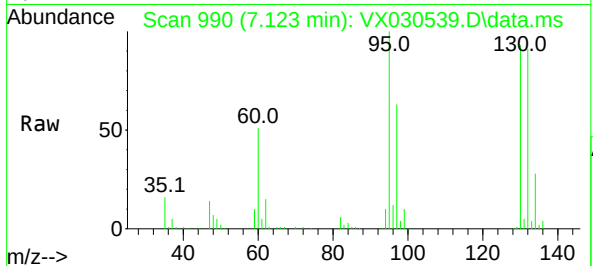




#34
Trichloroethene
Concen: 48.015 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

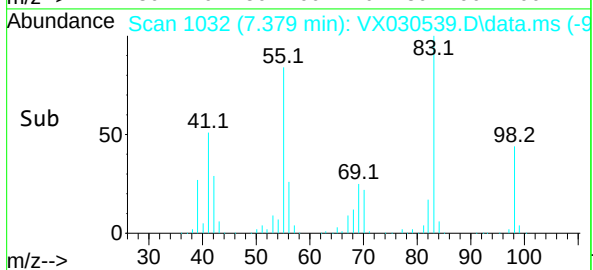
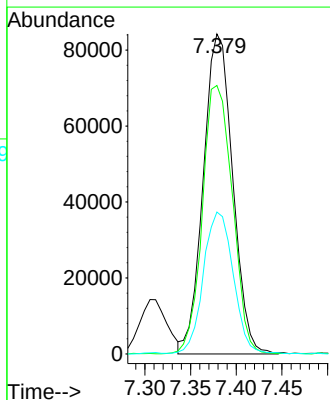
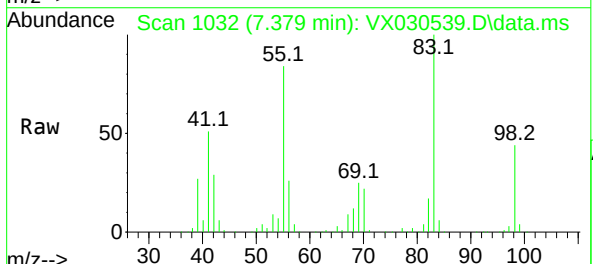
Instrument :
MSVOA_X
ClientSampleId :
VSTD050775

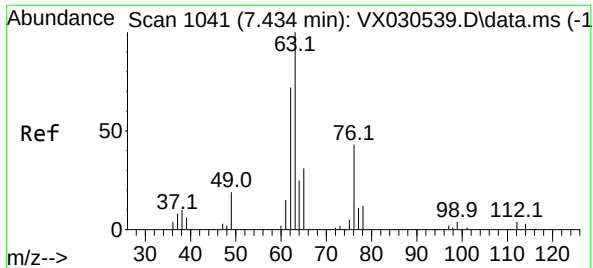
Tgt Ion: 95 Resp: 122804
Ion Ratio Lower Upper
95 100
97 63.2 40.2 74.6
132 90.9 55.3 102.7
130 93.3 58.9 109.5



#35
Methylcyclohexane
Concen: 50.652 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

Tgt Ion: 83 Resp: 188595
Ion Ratio Lower Upper
83 100
55 85.7 64.0 96.0
98 44.9 36.7 55.1





#37

1,2-Dichloropropane

Concen: 50.889 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX030539.D

Acq: 10 Aug 2022 09:00

Instrument :

MSVOA_X

ClientSampleId :

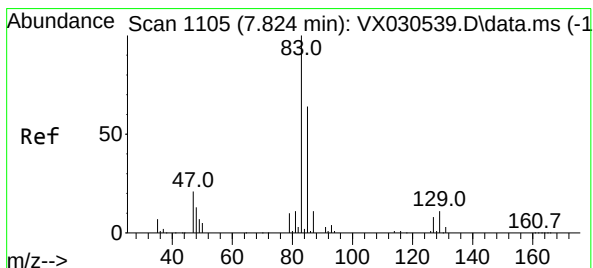
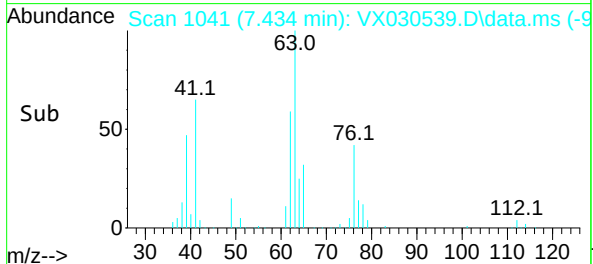
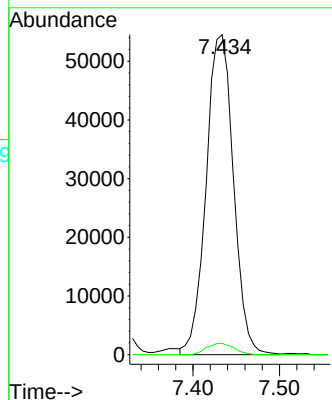
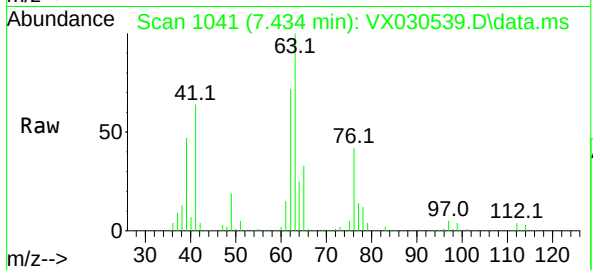
VSTD050775

Tgt Ion: 63 Resp: 119486

Ion Ratio Lower Upper

63 100

112 3.5 3.0 4.4



#38

Bromodichloromethane

Concen: 52.762 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX030539.D

Acq: 10 Aug 2022 09:00

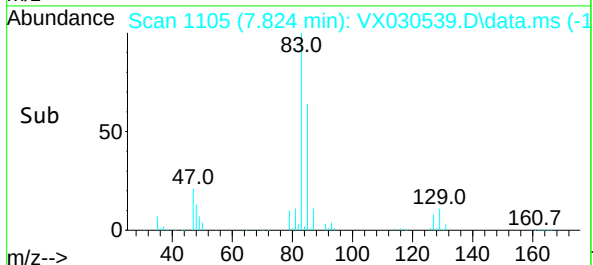
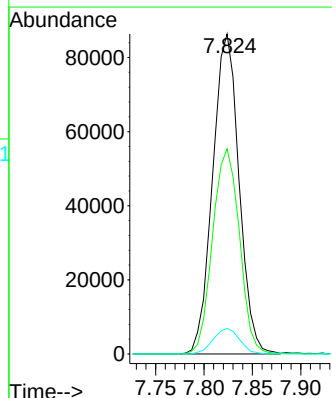
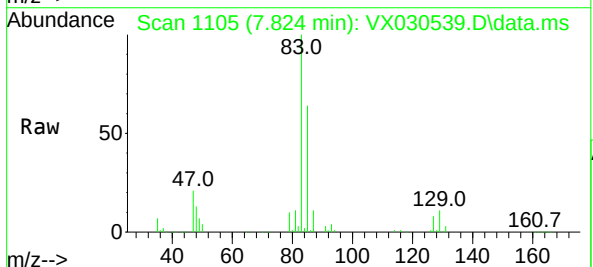
Tgt Ion: 83 Resp: 163958

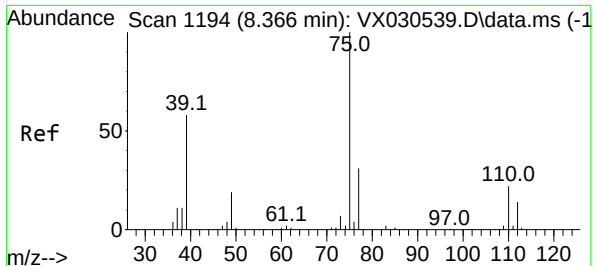
Ion Ratio Lower Upper

83 100

85 64.1 42.5 78.9

127 8.0 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 52.217 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX030539.D

Acq: 10 Aug 2022 09:00

Instrument :

MSVOA_X

ClientSampleId :

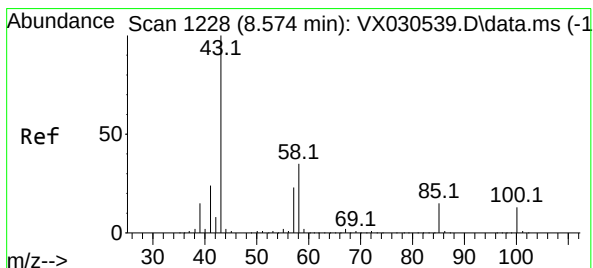
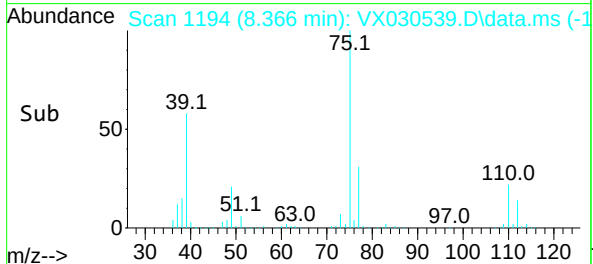
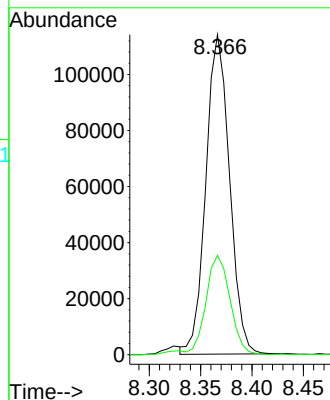
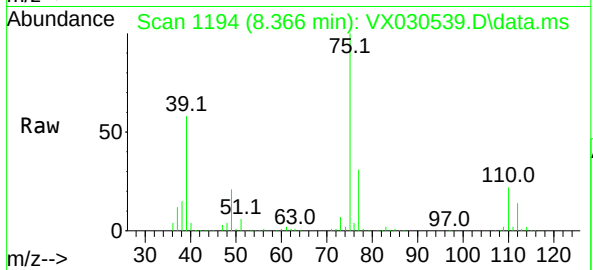
VSTD050775

Tgt Ion: 75 Resp: 182893

Ion Ratio Lower Upper

75 100

77 31.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 102.589 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX030539.D

Acq: 10 Aug 2022 09:00

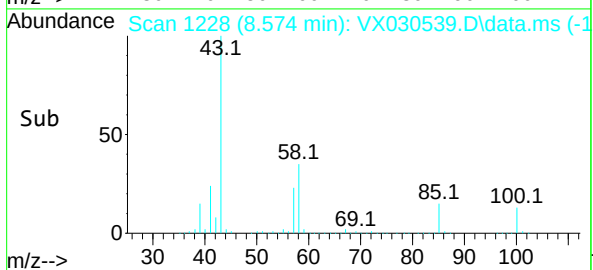
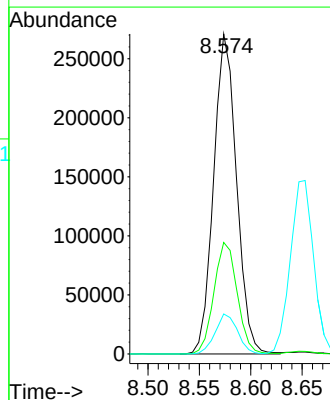
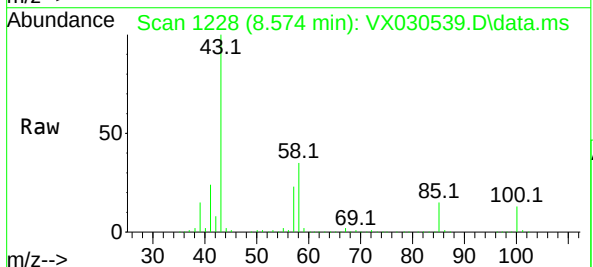
Tgt Ion: 43 Resp: 419469

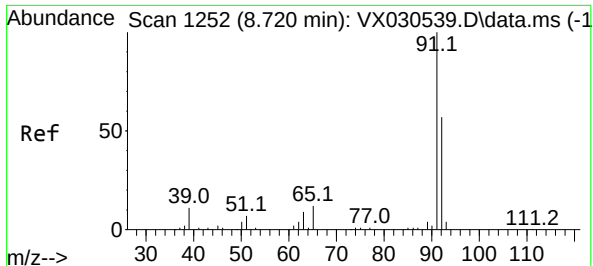
Ion Ratio Lower Upper

43 100

58 35.3 29.0 43.6

100 12.3 10.5 15.7

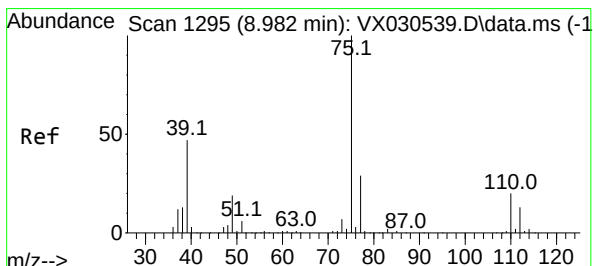
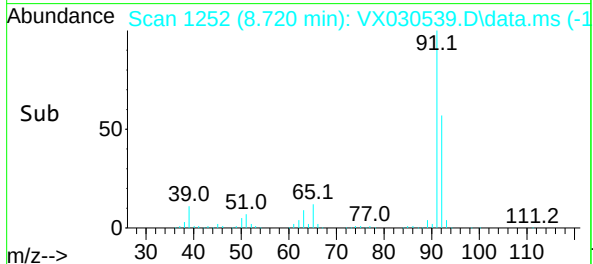
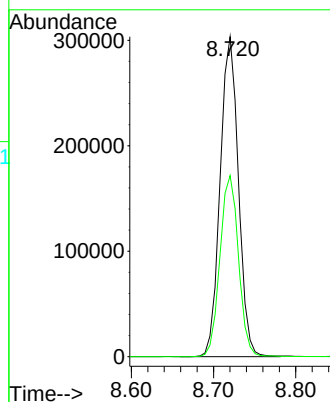
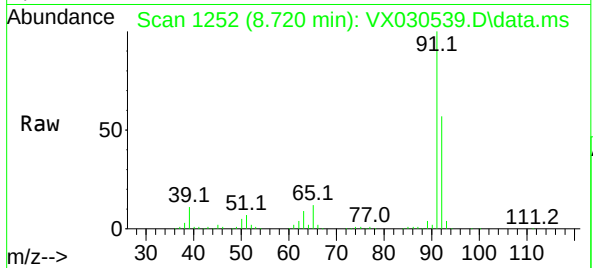




#42
Toluene
Concen: 50.242 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

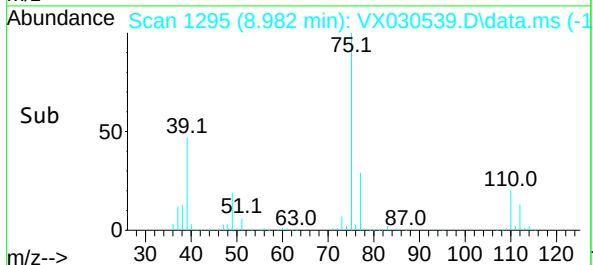
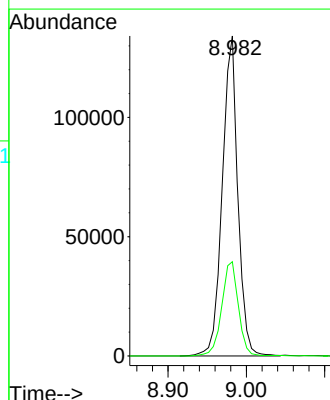
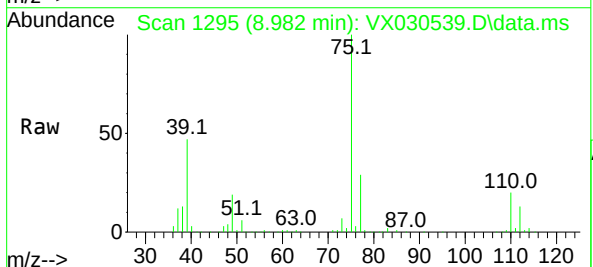
Instrument :
MSVOA_X
ClientSampleId :
VSTD050775

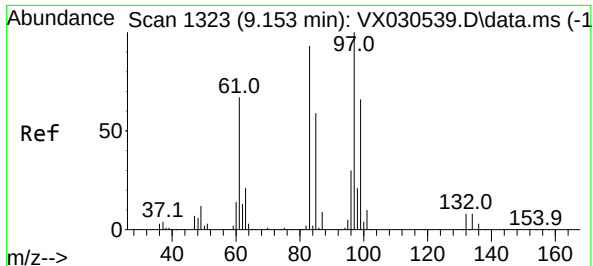
Tgt Ion: 91 Resp: 468690
Ion Ratio Lower Upper
91 100
92 56.6 40.0 74.4



#44
trans-1,3-Dichloropropene
Concen: 54.108 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

Tgt Ion: 75 Resp: 185492
Ion Ratio Lower Upper
75 100
77 29.4 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 51.366 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030539.D

Acq: 10 Aug 2022 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTD050775

Tgt Ion: 97 Resp: 112146

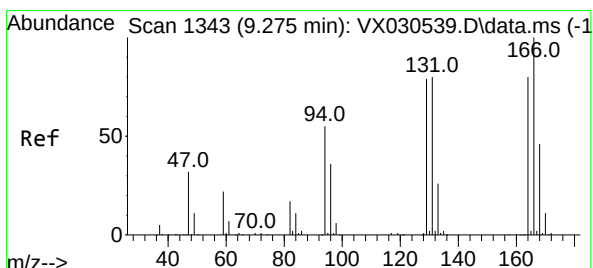
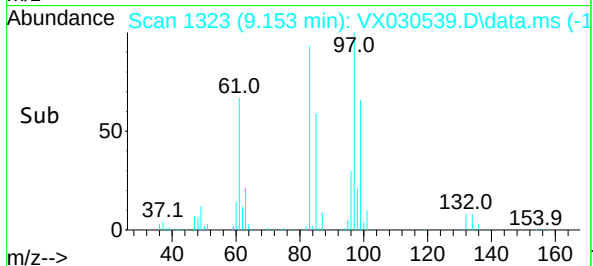
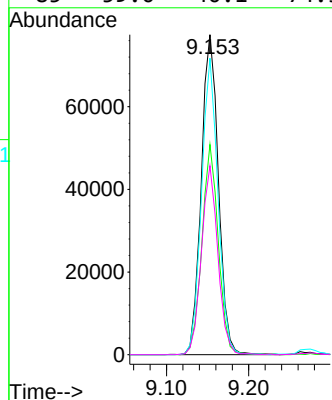
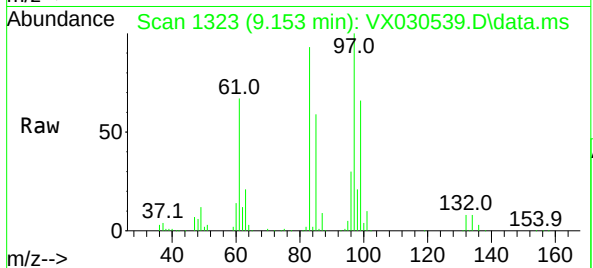
Ion Ratio Lower Upper

97 100

99 65.7 43.3 80.3

83 92.7 63.0 117.0

85 59.0 40.1 74.5



#46

Tetrachloroethene

Concen: 49.124 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX030539.D

Acq: 10 Aug 2022 09:00

Tgt Ion:164 Resp: 79403

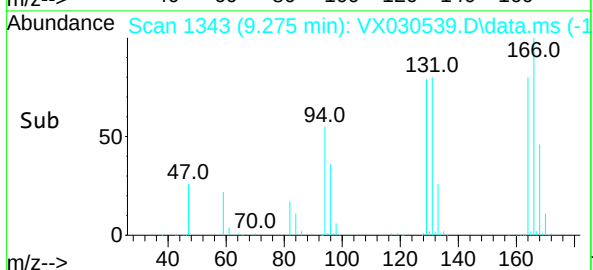
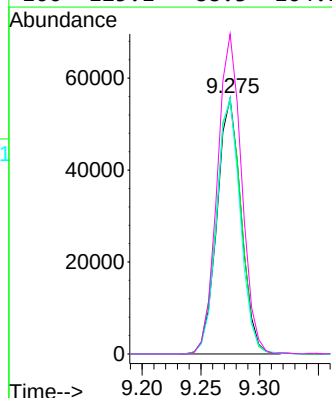
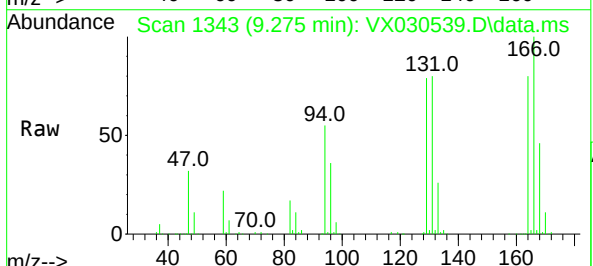
Ion Ratio Lower Upper

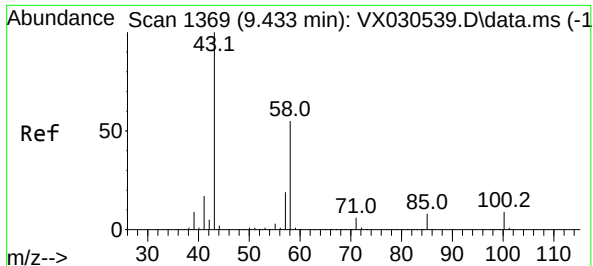
164 100

129 98.4 72.7 135.1

131 100.0 69.9 129.9

166 125.1 88.3 164.1



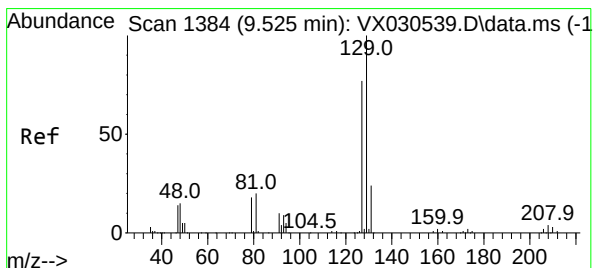
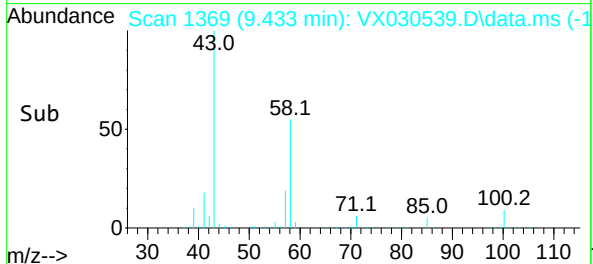
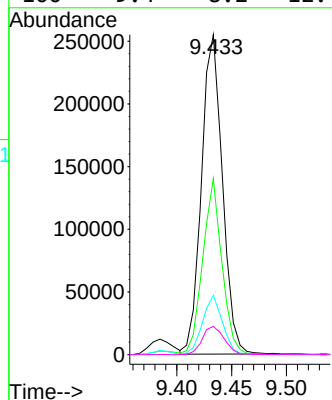
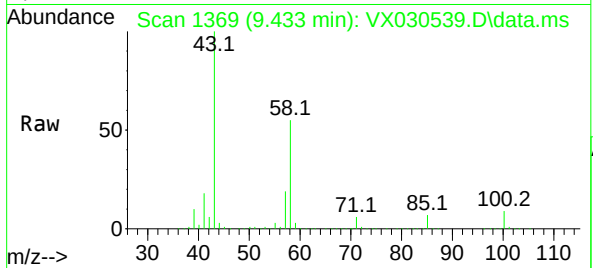


#48
2-Hexanone
Concen: 106.648 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

Instrument :
MSVOA_X
ClientSampleId :
VSTD050775

Tgt Ion: 43 Resp: 338811

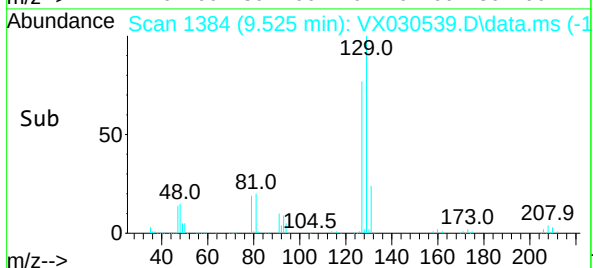
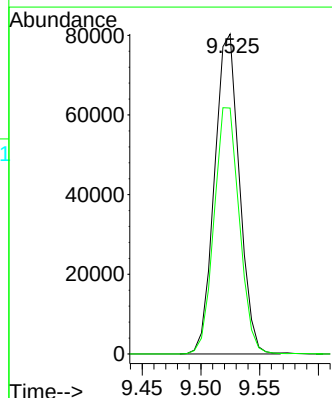
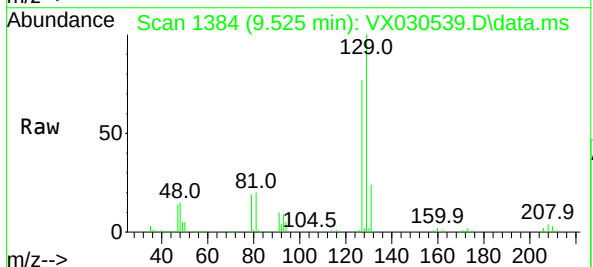
Ion	Ratio	Lower	Upper
43	100		
58	50.6	40.4	60.6
57	17.8	14.6	22.0
100	9.4	8.2	12.4

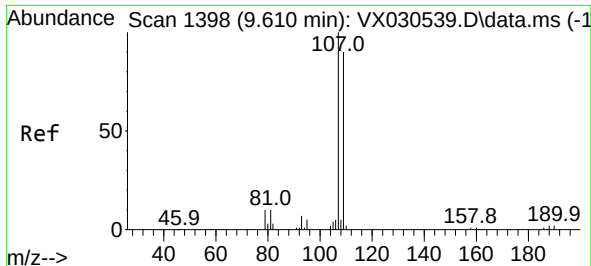


#49
Dibromochloromethane
Concen: 50.972 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

Tgt Ion: 129 Resp: 118393

Ion	Ratio	Lower	Upper
129	100		
127	76.8	55.6	103.2

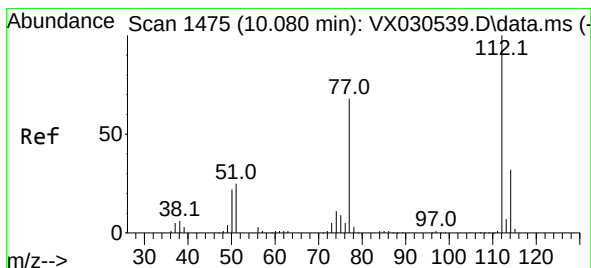
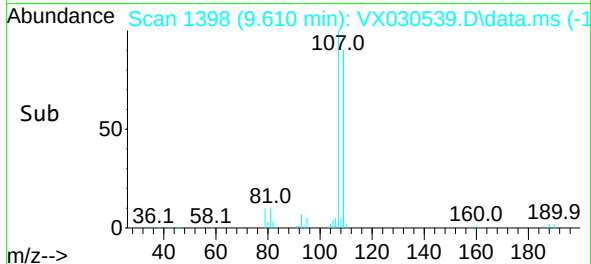
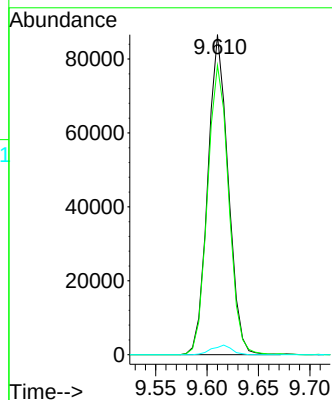
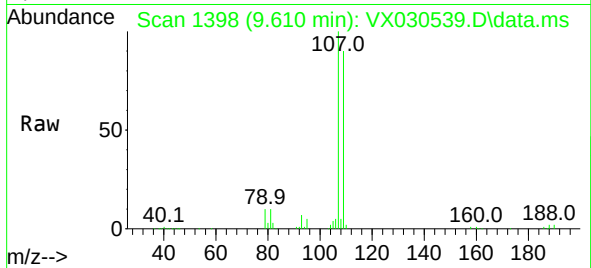




#50
1,2-Dibromoethane
Concen: 49.893 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

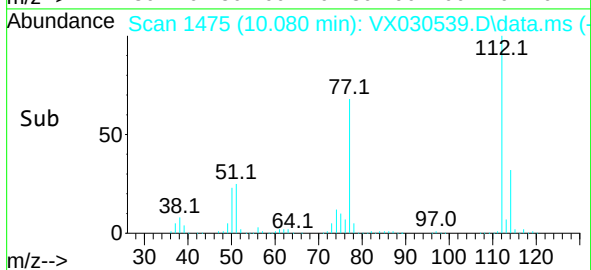
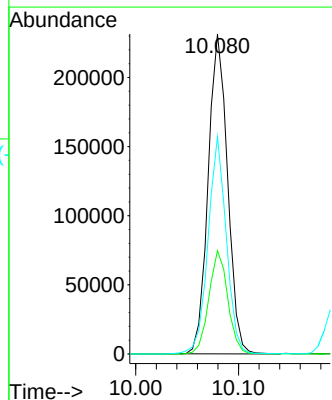
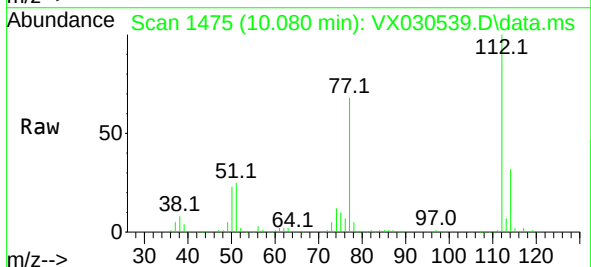
Instrument :
MSVOA_X
ClientSampleId :
VSTD050775

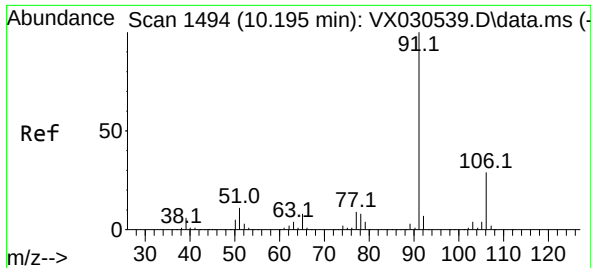
Tgt Ion:107 Resp: 119790
Ion Ratio Lower Upper
107 100
109 90.4 64.8 120.4
188 2.3 2.2 3.2



#51
Chlorobenzene
Concen: 52.110 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

Tgt Ion:112 Resp: 302855
Ion Ratio Lower Upper
112 100
114 32.3 22.3 41.5
77 67.9 50.8 76.2

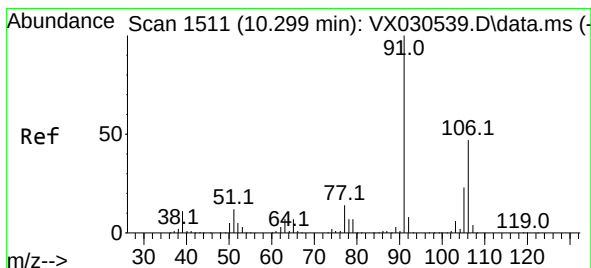
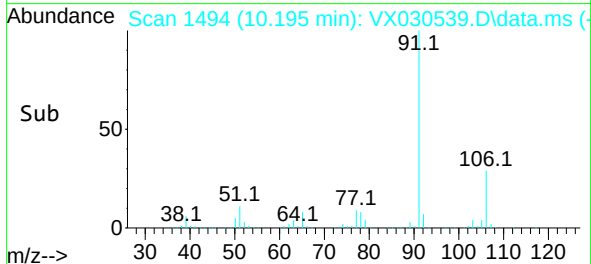
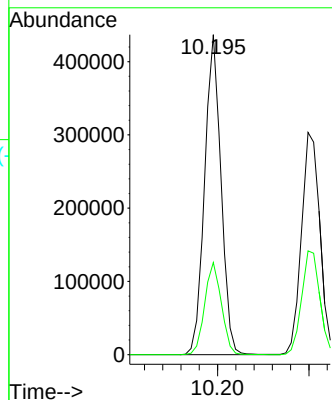
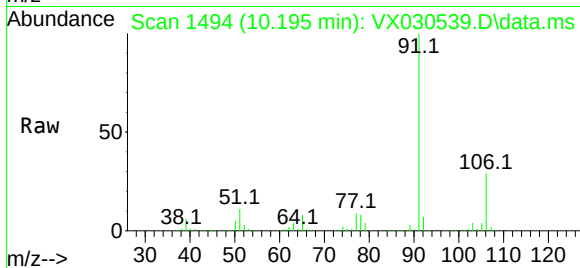




#52
Ethylbenzene
Concen: 53.344 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

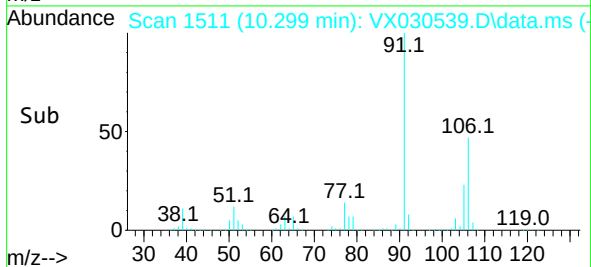
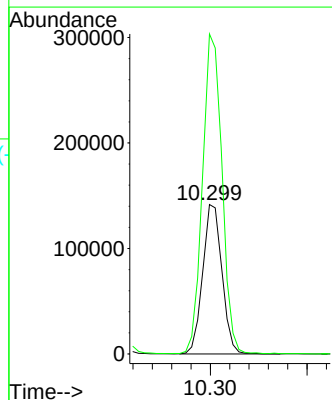
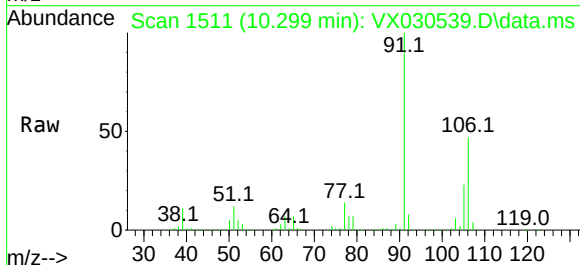
Instrument :
MSVOA_X
ClientSampleId :
VSTD050775

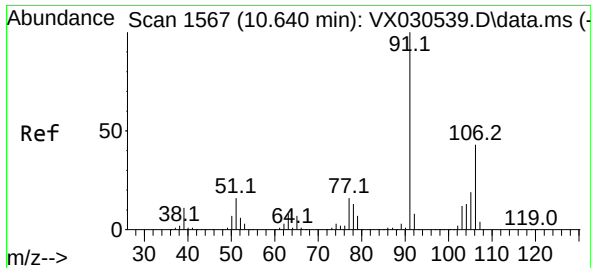
Tgt Ion: 91 Resp: 542595
Ion Ratio Lower Upper
91 100
106 28.8 21.3 39.5



#53
m,p-Xylene
Concen: 51.881 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

Tgt Ion: 106 Resp: 196695
Ion Ratio Lower Upper
106 100
91 214.1 147.8 274.6

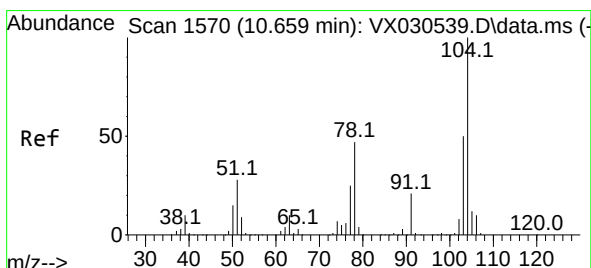
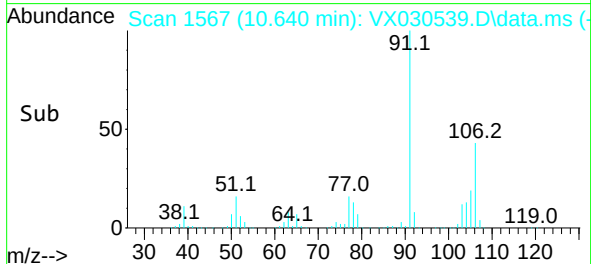
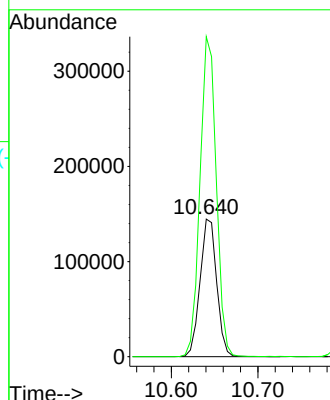
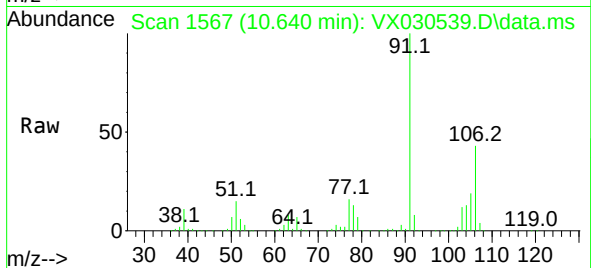




#54
o-Xylene
Concen: 51.111 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

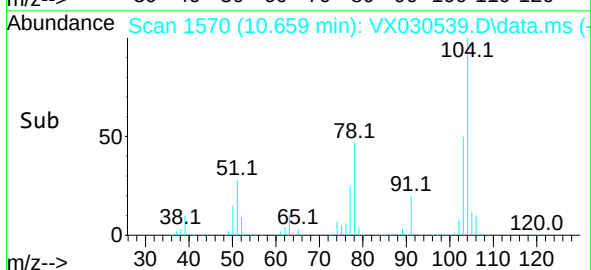
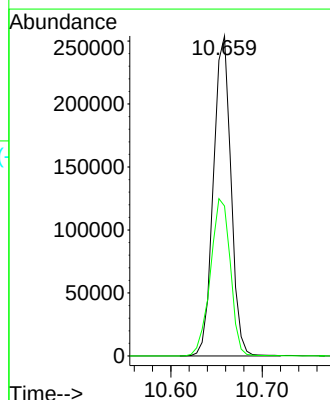
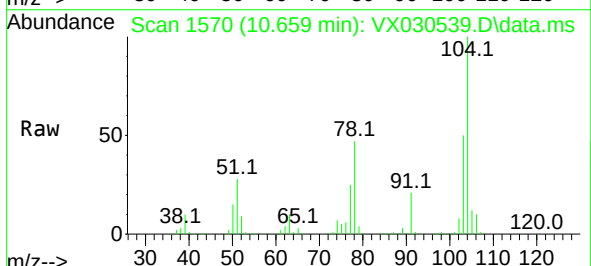
Instrument :
MSVOA_X
ClientSampleId :
VSTD050775

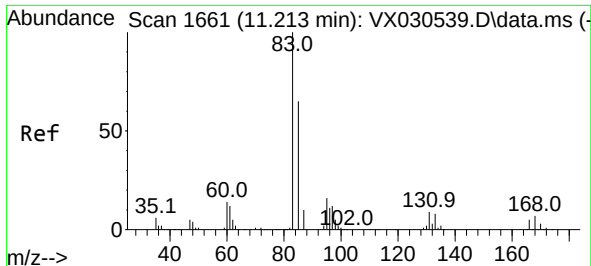
Tgt Ion:106 Resp: 193090
Ion Ratio Lower Upper
106 100
91 232.5 157.8 293.0



#55
Styrene
Concen: 53.149 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

Tgt Ion:104 Resp: 338083
Ion Ratio Lower Upper
104 100
78 46.9 33.2 61.7

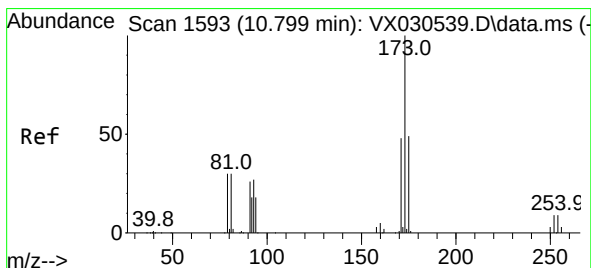
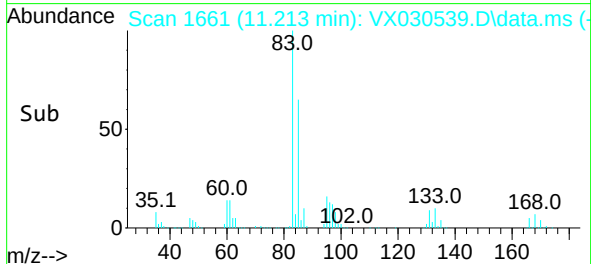
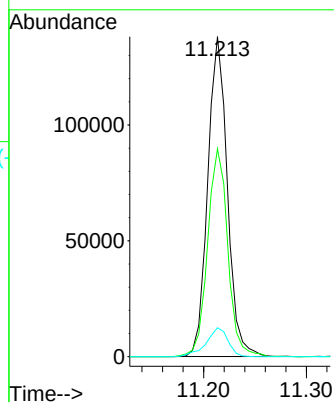
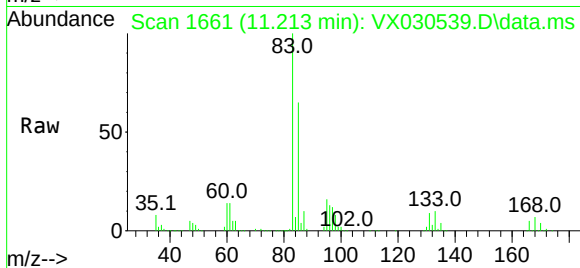




#57
1,1,2-Tetrachloroethane
Concen: 55.025 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

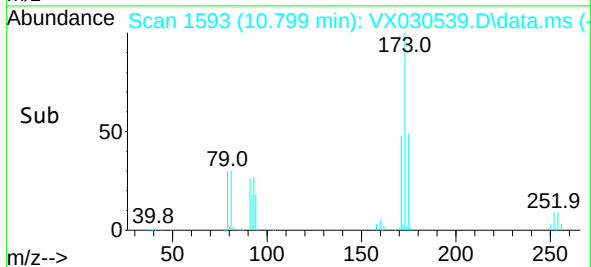
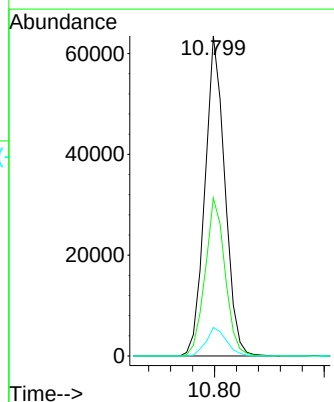
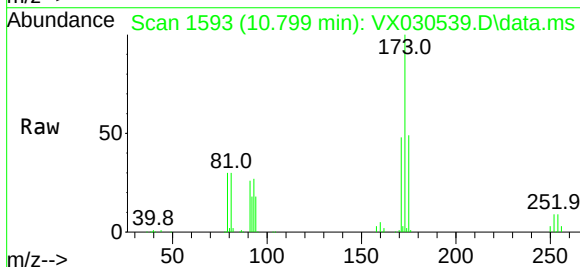
Instrument :
MSVOA_X
ClientSampleId :
VSTD050775

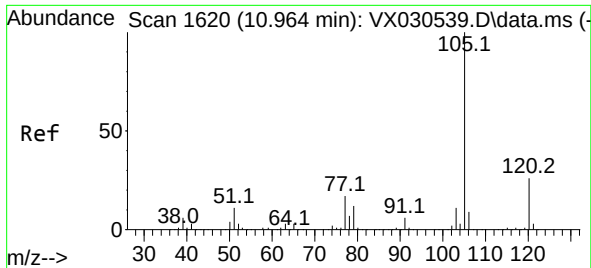
Tgt Ion: 83 Resp: 182792
Ion Ratio Lower Upper
83 100
85 65.0 44.4 82.4
131 9.0 7.5 11.3



#59
Bromoform
Concen: 52.545 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

Tgt Ion: 173 Resp: 79888
Ion Ratio Lower Upper
173 100
175 49.5 38.9 58.3
254 9.1 7.0 10.4

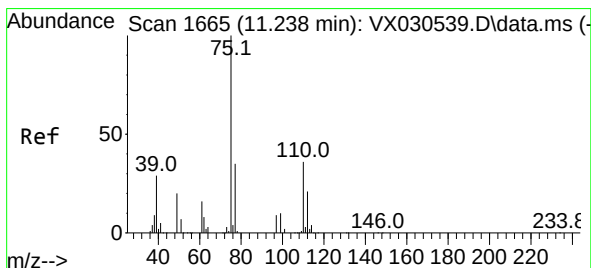
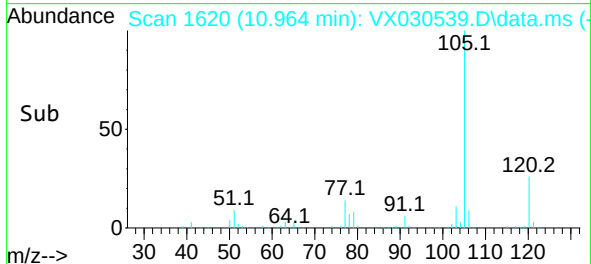
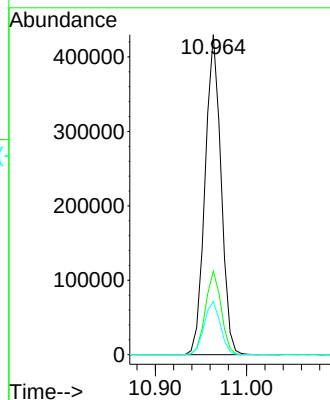
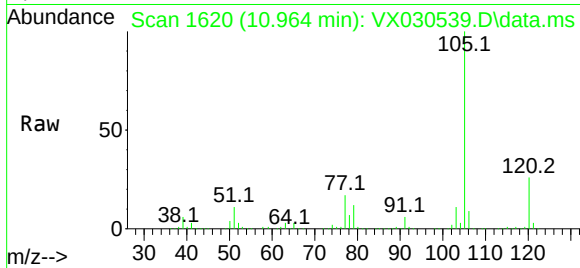




#60
Isopropylbenzene
Concen: 52.427 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

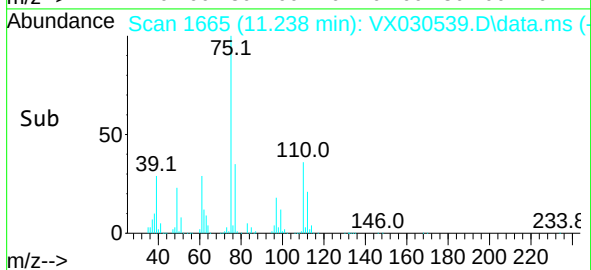
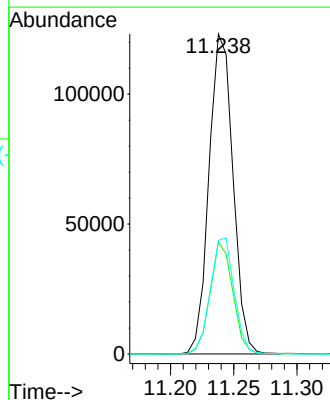
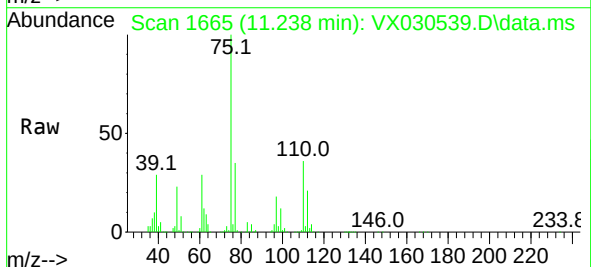
Instrument :
MSVOA_X
ClientSampleId :
VSTD050775

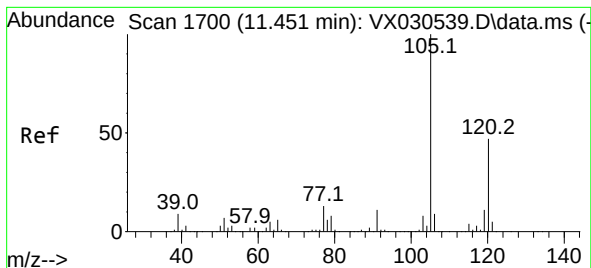
Tgt Ion:105 Resp: 518837
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 17.0 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 54.234 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX030539.D
Acq: 10 Aug 2022 09:00

Tgt Ion: 75 Resp: 162613
Ion Ratio Lower Upper
75 100
77 33.1 26.1 39.1
110 36.1 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 56.292 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX030539.D

Acq: 10 Aug 2022 09:00

Instrument :

MSVOA_X

ClientSampleId :

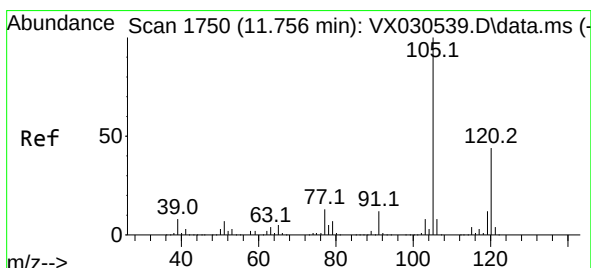
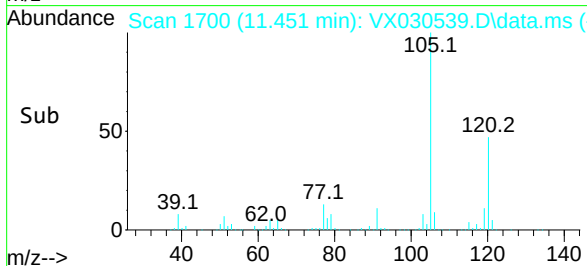
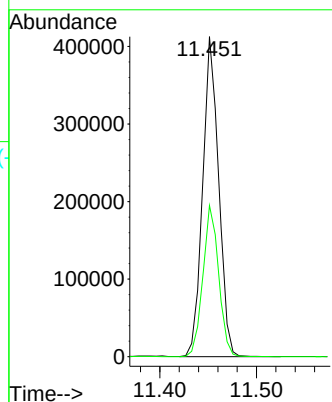
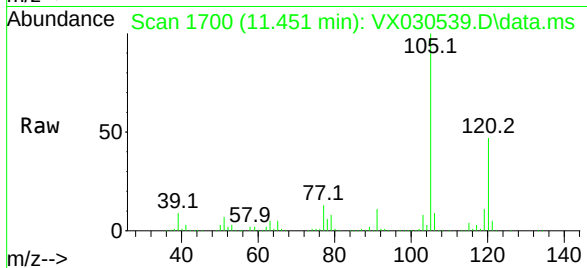
VSTD050775

Tgt Ion:105 Resp: 475609

Ion Ratio Lower Upper

105 100

120 46.6 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 55.861 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX030539.D

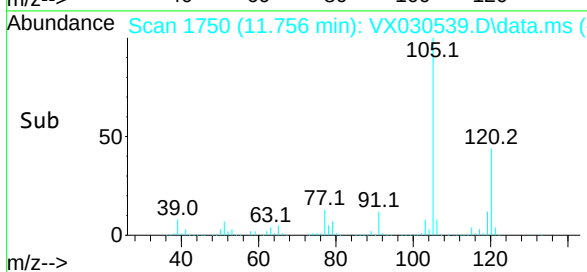
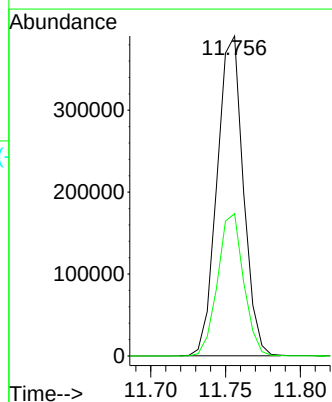
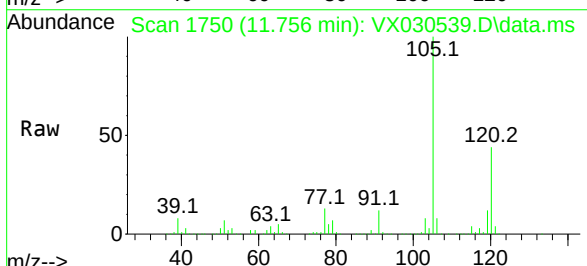
Acq: 10 Aug 2022 09:00

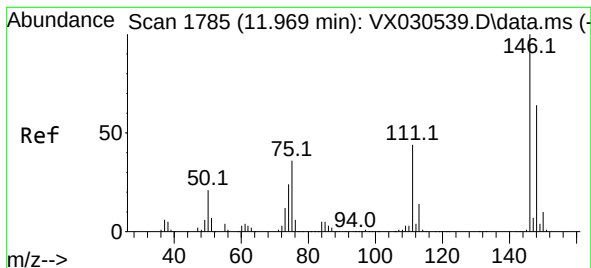
Tgt Ion:105 Resp: 476636

Ion Ratio Lower Upper

105 100

120 43.9 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 51.094 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX030539.D

Acq: 10 Aug 2022 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTD050775

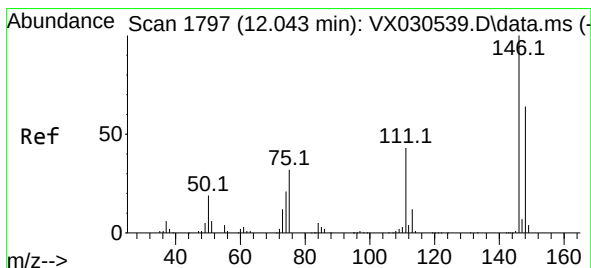
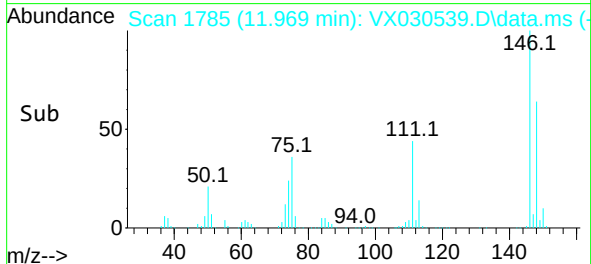
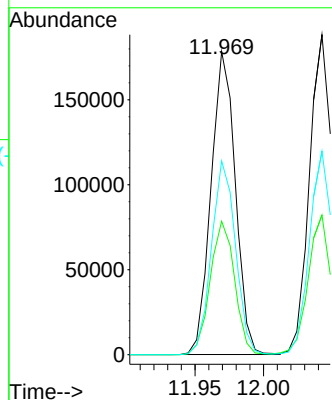
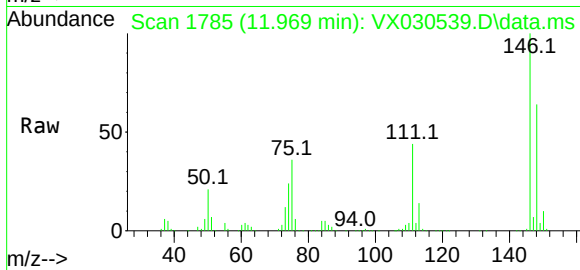
Tgt Ion:146 Resp: 219809

Ion Ratio Lower Upper

146 100

111 44.0 30.9 57.5

148 63.9 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: VX030539.D

Acq: 10 Aug 2022 09:00

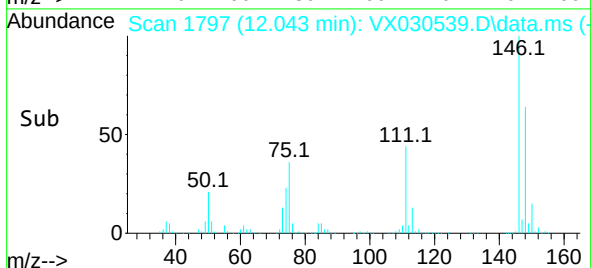
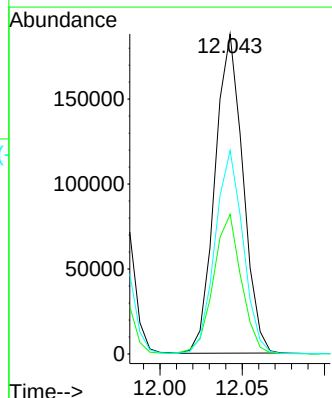
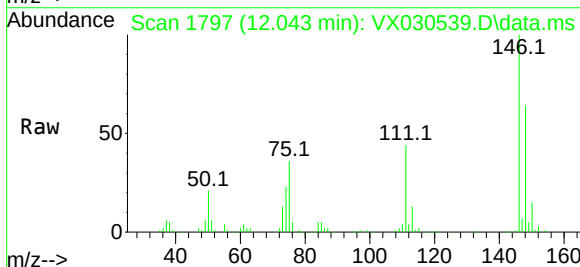
Tgt Ion:146 Resp: 222554

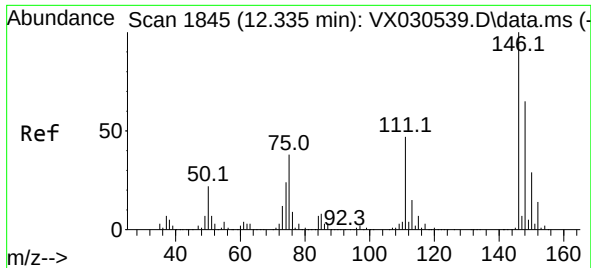
Ion Ratio Lower Upper

146 100

111 43.6 32.6 60.6

148 63.6 48.3 89.7





#67

1,2-Dichlorobenzene

Concen: 49.564 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030539.D

Acq: 10 Aug 2022 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTD050775

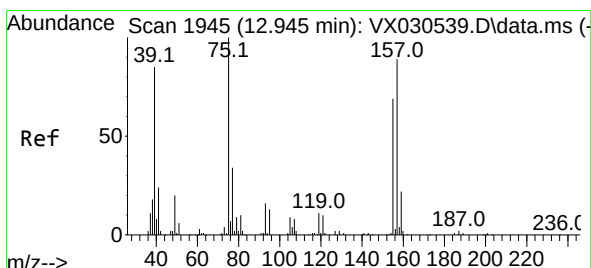
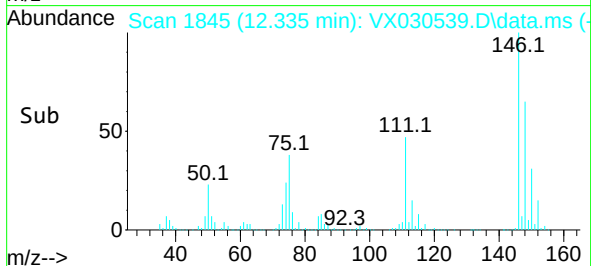
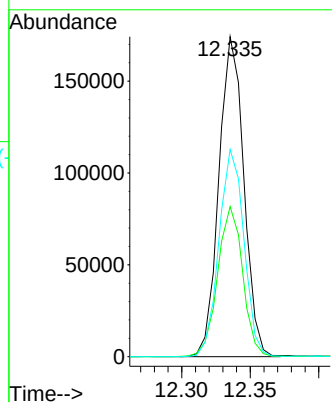
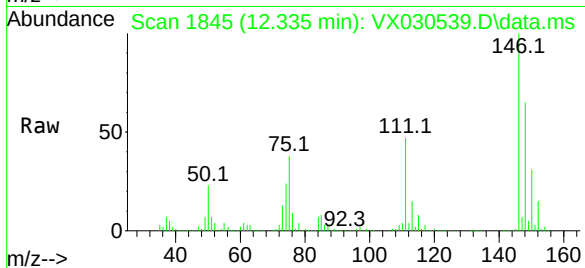
Tgt Ion:146 Resp: 220501

Ion Ratio Lower Upper

146 100

111 46.9 36.9 55.3

148 64.8 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 51.513 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX030539.D

Acq: 10 Aug 2022 09:00

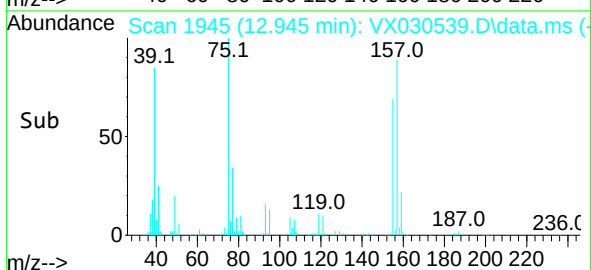
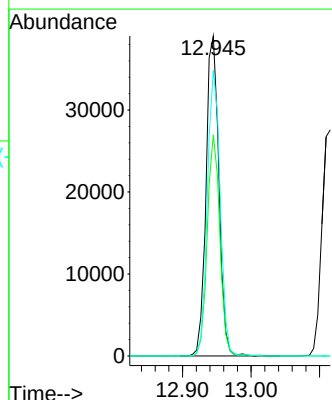
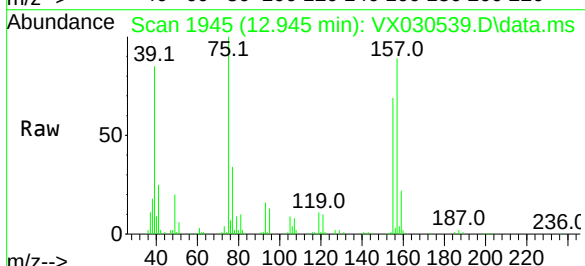
Tgt Ion: 75 Resp: 50949

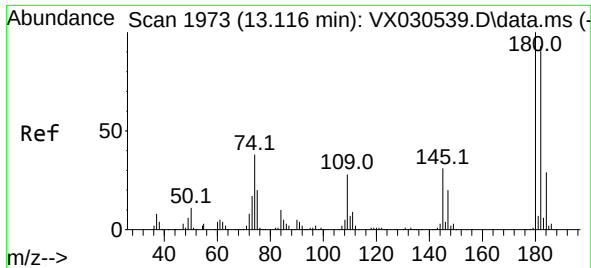
Ion Ratio Lower Upper

75 100

155 69.1 57.1 85.7

157 89.2 73.1 109.7

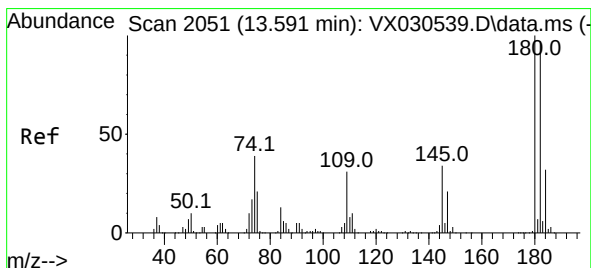
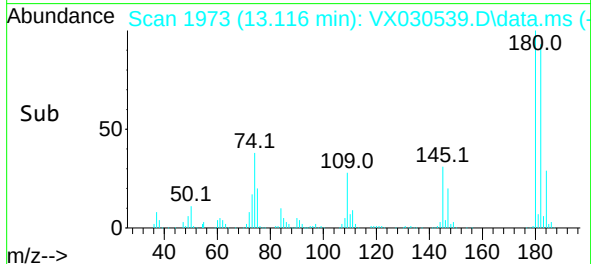
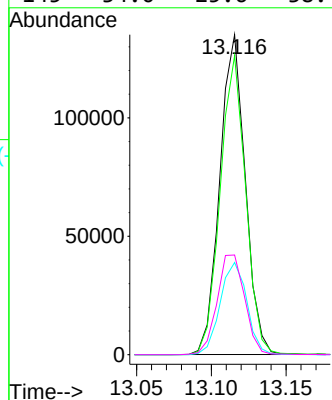
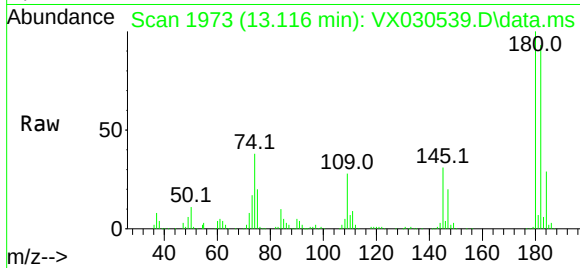




#69
 1,3,5-Trichlorobenzene
 Concen: 52.928 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX030539.D
 Acq: 10 Aug 2022 09:00

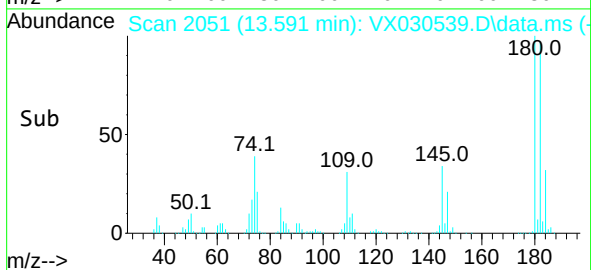
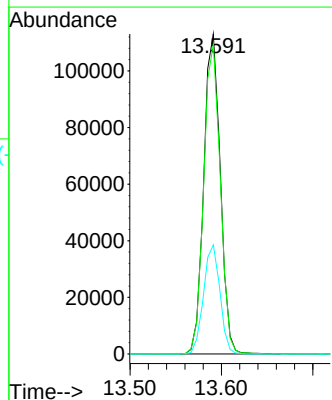
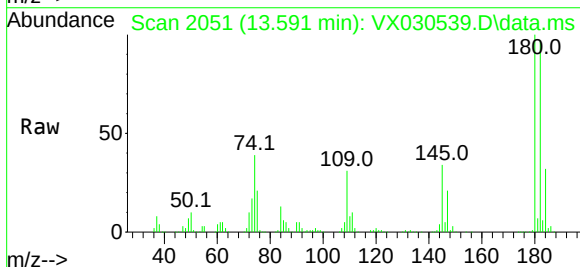
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050775

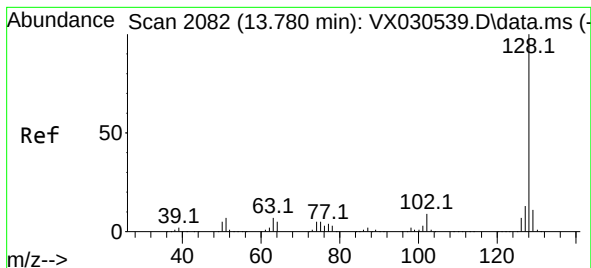
Tgt Ion:180 Resp: 159680
 Ion Ratio Lower Upper
 180 100
 182 93.5 73.7 110.5
 184 30.3 24.1 36.1
 145 34.0 25.6 38.4



#70
 1,2,4-trichlorobenzene
 Concen: 53.482 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX030539.D
 Acq: 10 Aug 2022 09:00

Tgt Ion:180 Resp: 141705
 Ion Ratio Lower Upper
 180 100
 182 96.7 72.7 109.1
 145 33.8 26.6 40.0





#71

Naphthalene

Concen: 49.620 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX030539.D

Acq: 10 Aug 2022 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTD050775

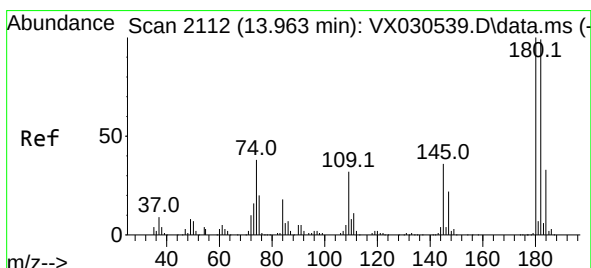
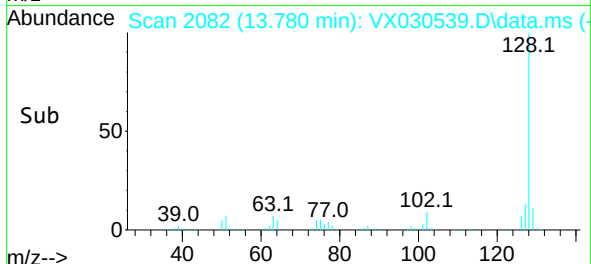
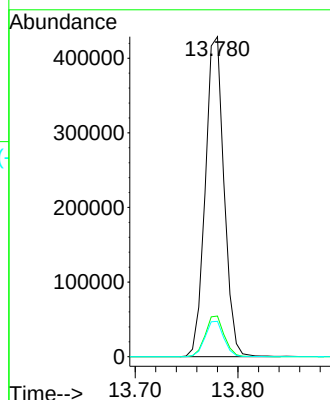
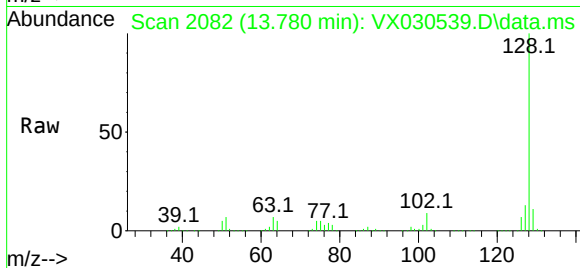
Tgt Ion:128 Resp: 544218

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.1 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 51.931 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX030539.D

Acq: 10 Aug 2022 09:00

Tgt Ion:180 Resp: 145343

Ion Ratio Lower Upper

180 100

182 93.0 74.6 112.0

145 35.2 28.4 42.6

