

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030415.D
 Acq On : 05 Aug 2022 00:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050764

Quant Time: Aug 05 05:31:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 05:25:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	250877	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	222650	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	106344	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	88881	55.168	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 110.340%	
7) Chloroethane-d5	1.666	69	67537	59.465	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 118.940%	
11) 1,1-Dichloroethene-d2	2.306	63	165093	54.173	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 108.340%	
21) 2-Butanone-d5	4.471	46	186884	125.194	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 125.190%	
24) Chloroform-d	5.062	84	195700	59.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 118.020%	
26) 1,2-Dichloroethane-d4	5.958	65	130339	57.880	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.760%	
32) Benzene-d6	5.977	84	363695	57.026	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 114.060%	
36) 1,2-Dichloropropane-d6	7.312	67	120304	58.140	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 116.280%	
41) Toluene-d8	8.653	98	323305	53.779	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.560%	
43) trans-1,3-Dichloroprop...	8.952	79	53431	51.905	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.820%	
47) 2-Hexanone-d5	9.391	63	128005	121.364	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 121.360%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	161538	59.427	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 118.860%	
66) 1,2-Dichlorobenzene-d4	12.323	152	113143	54.853	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 109.700%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	85667	45.380	ug/L	100
3) Chloromethane	1.294	50	95225	58.663	ug/L	99
5) Vinyl chloride	1.374	62	95792	55.248	ug/L	99
6) Bromomethane	1.611	94	46015	56.474	ug/L	97
8) Chloroethane	1.685	64	57194	57.910	ug/L	98
9) Trichlorofluoromethane	1.886	101	126708	49.447	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	67799	44.483	ug/L	98
12) 1,1-Dichloroethene	2.319	96	76307	54.343	ug/L	87
13) Acetone	2.392	43	124388	113.696	ug/L	100
14) Carbon disulfide	2.514	76	225222	49.487	ug/L	99
15) Methyl Acetate	2.709	43	134096	59.217	ug/L	99
16) Methylene chloride	2.794	84	102480	57.556	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	88937	54.671	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	319621	57.775	ug/L	99
19) 1,1-Dichloroethane	3.617	63	180564	57.388	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	103724	56.680	ug/L	99
22) 2-Butanone	4.574	43	203987	118.194	ug/L	99
23) Bromochloromethane	4.904	128	52204	56.886	ug/L	94
25) Chloroform	5.099	83	188467	57.010	ug/L	97

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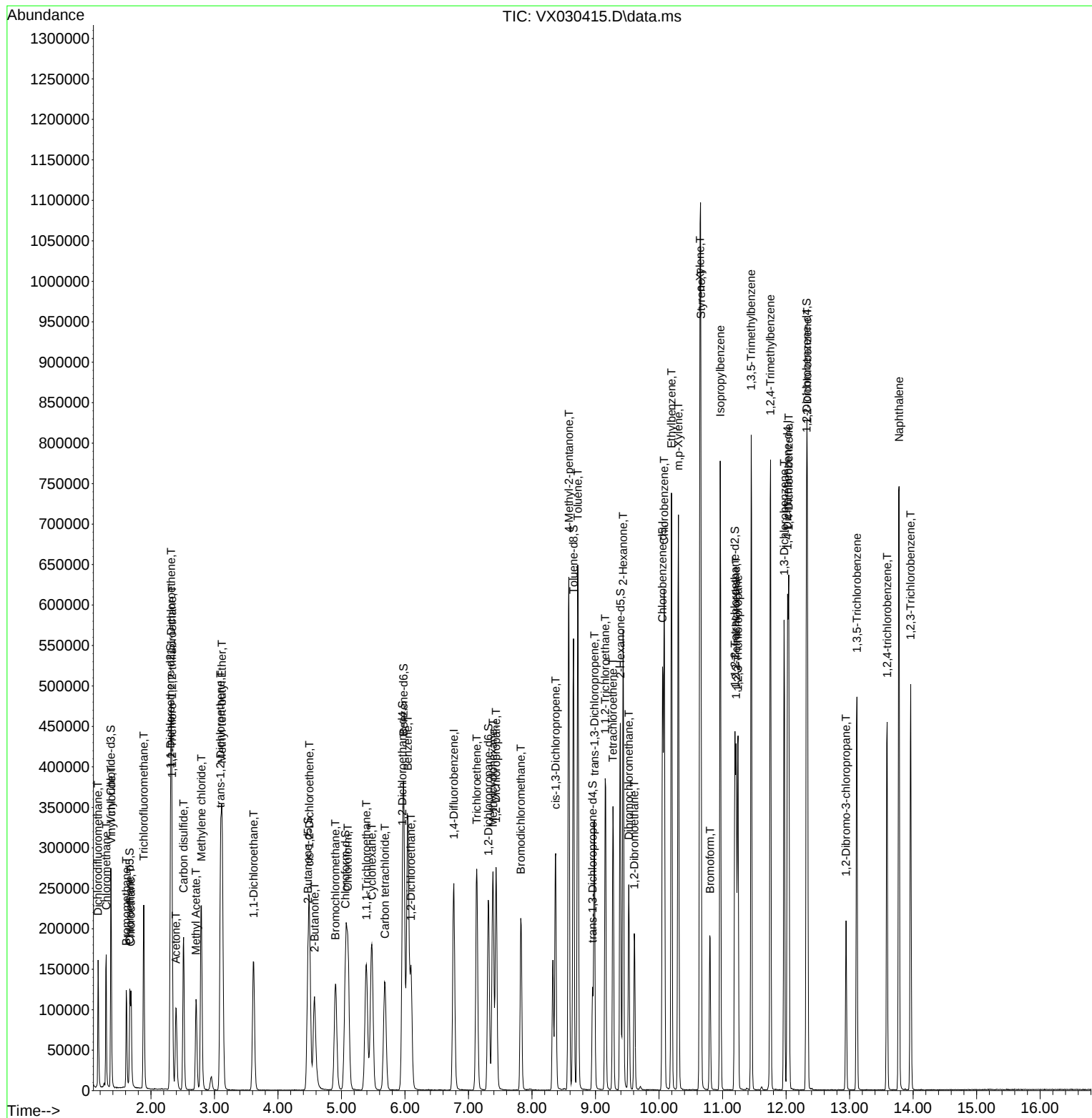
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	162706	59.134	ug/L	96
29) Cyclohexane	5.477	56	124187	41.956	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	149526	50.913	ug/L	99
31) Carbon tetrachloride	5.684	117	119502	49.301	ug/L	99
33) Benzene	6.044	78	395912	55.461	ug/L	100
34) Trichloroethene	7.129	95	103876	50.241	ug/L	85
35) Methylcyclohexane	7.385	83	117848	39.154	ug/L	99
37) 1,2-Dichloropropane	7.434	63	105781	55.731	ug/L	99
38) Bromodichloromethane	7.824	83	139858	55.675	ug/L	96
39) cis-1,3-Dichloropropene	8.372	75	154386	54.526	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	387226	117.152	ug/L	99
42) Toluene	8.720	91	401423	53.231	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	147499	53.224	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	101687	57.616	ug/L	97
46) Tetrachloroethene	9.275	164	61624	47.162	ug/L	98
48) 2-Hexanone	9.433	43	312154	121.547	ug/L	99
49) Dibromochloromethane	9.525	129	100492	53.520	ug/L	99
50) 1,2-Dibromoethane	9.610	107	109609	56.474	ug/L	94
51) Chlorobenzene	10.079	112	251186	53.464	ug/L	96
52) Ethylbenzene	10.195	91	413086	50.238	ug/L	98
53) m,p-Xylene	10.305	106	153726	50.159	ug/L	98
54) o-Xylene	10.646	106	155908	51.051	ug/L	99
55) Styrene	10.659	104	272240	52.942	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	157065	58.488	ug/L	99
59) Bromoform	10.805	173	65545	56.599	ug/L	99
60) Isopropylbenzene	10.963	105	378350	50.193	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	139917	61.265	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	335085	52.069	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	333587	51.328	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	169539	51.739	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	172407	51.757	ug/L	92
67) 1,2-Dichlorobenzene	12.335	146	177592	52.409	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	40605	53.899	ug/L	95
69) 1,3,5-Trichlorobenzene	13.116	180	106925	46.530	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	98276	48.696	ug/L	97
71) Naphthalene	13.780	128	450862	53.970	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	105437	49.460	ug/L	100

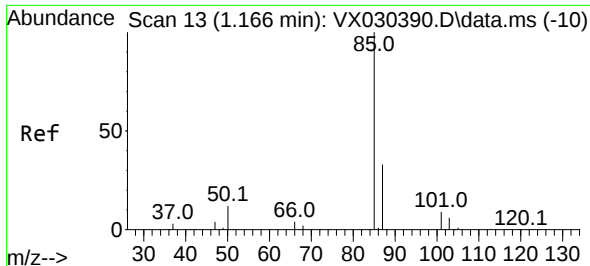
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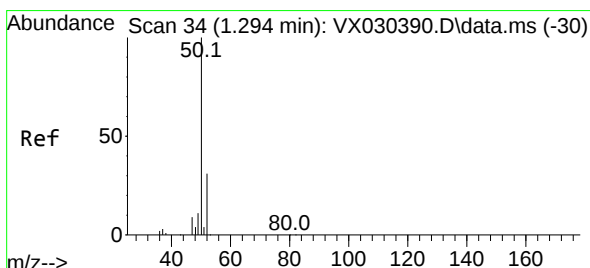
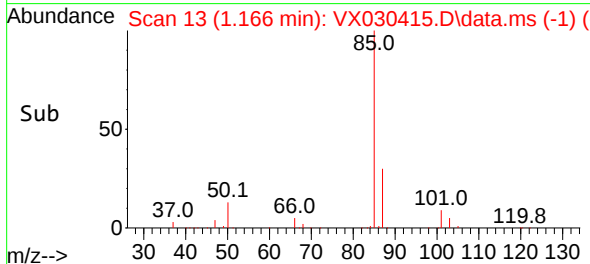
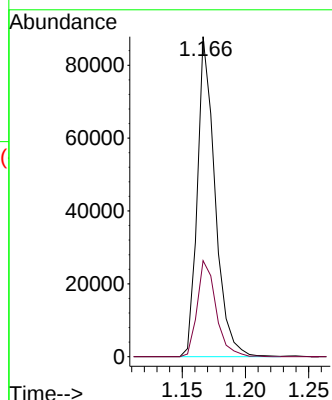
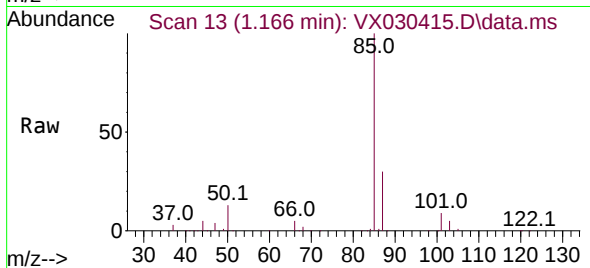




#2
 Dichlorodifluoromethane
 Concen: 45.380 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030415.D
 Acq: 05 Aug 2022 00:27

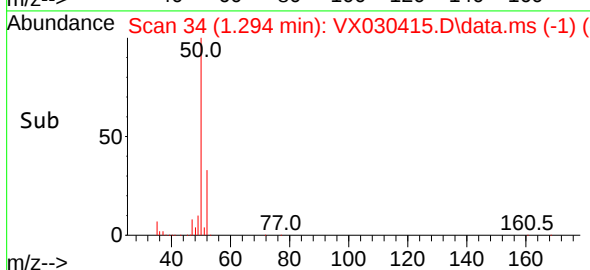
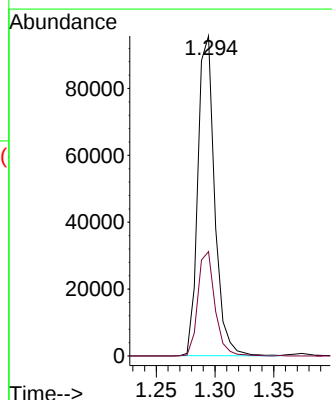
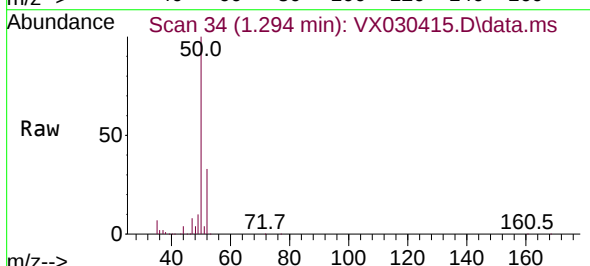
Instrument :
 MSVOA_X
 ClientSampleId :
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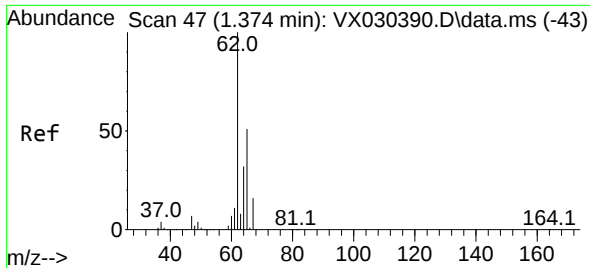
Tgt Ion: 85 Resp: 85667
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.6 38.4



#3
 Chloromethane
 Concen: 58.663 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX030415.D
 Acq: 05 Aug 2022 00:27

Tgt Ion: 50 Resp: 95225
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.3 43.3

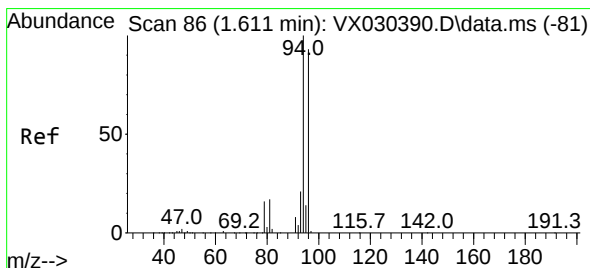
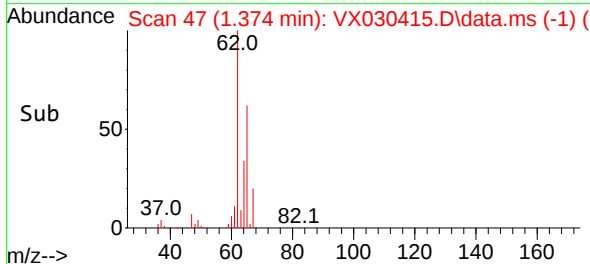
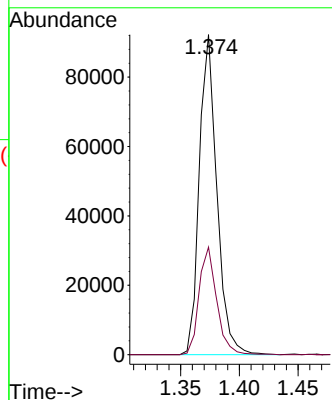
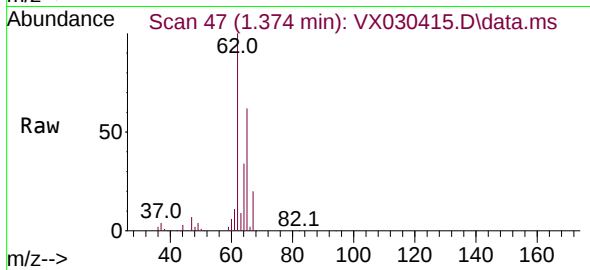




#5
 Vinyl chloride
 Concen: 55.248 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030415.D
 Acq: 05 Aug 2022 00:27

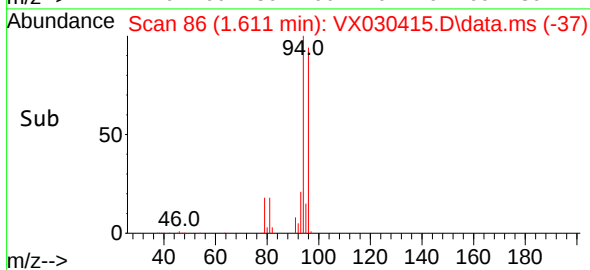
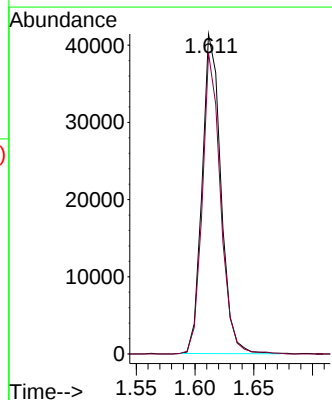
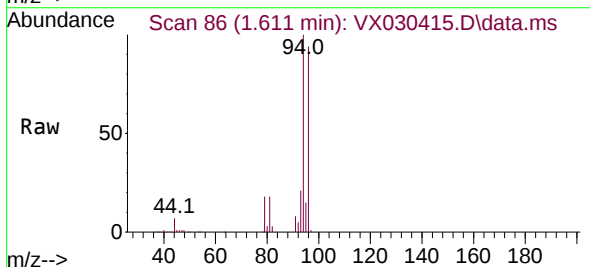
Instrument :
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 ClientSampleId :
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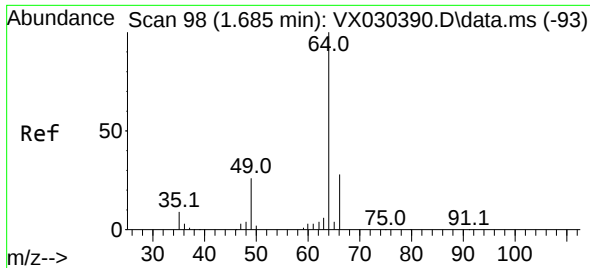
Tgt Ion: 62 Resp: 95792
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.8 44.2



#6
 Bromomethane
 Concen: 56.474 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX030415.D
 Acq: 05 Aug 2022 00:27

Tgt Ion: 94 Resp: 46015
 Ion Ratio Lower Upper
 94 100
 96 94.1 63.8 118.6

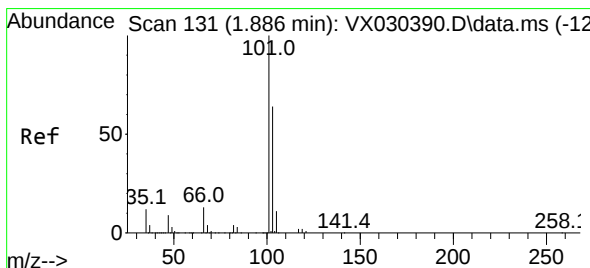
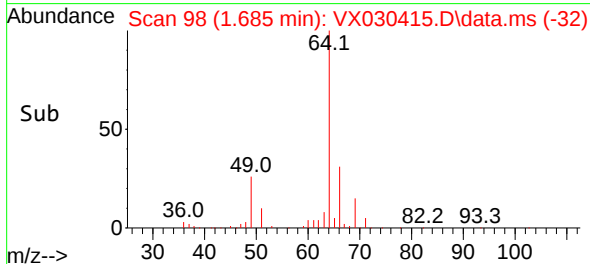
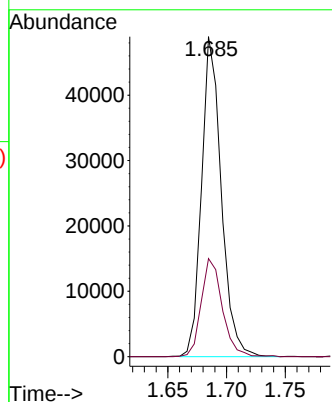
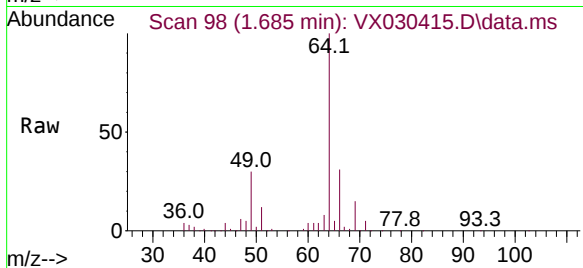




#8
Chloroethane
Concen: 57.910 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

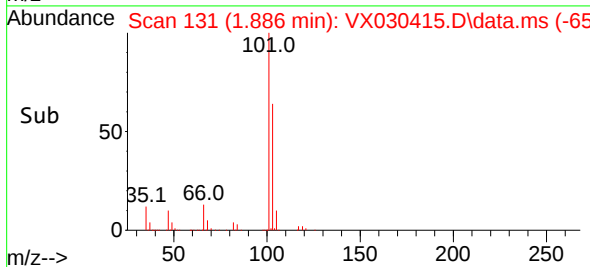
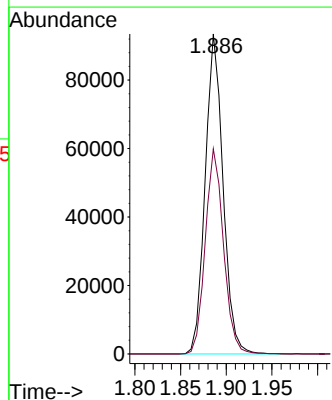
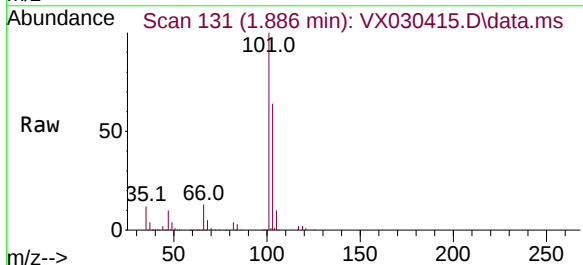
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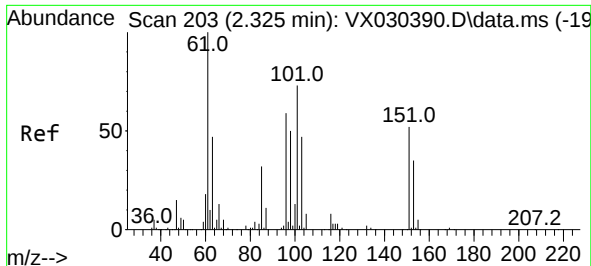
Tgt Ion: 64 Resp: 57194
Ion Ratio Lower Upper
64 100
66 30.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 49.447 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

Tgt Ion: 101 Resp: 126708
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3

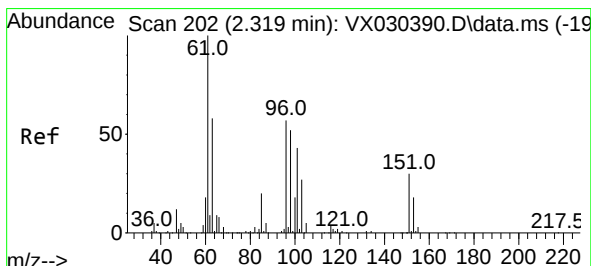
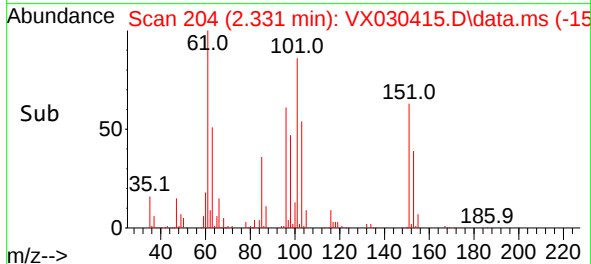
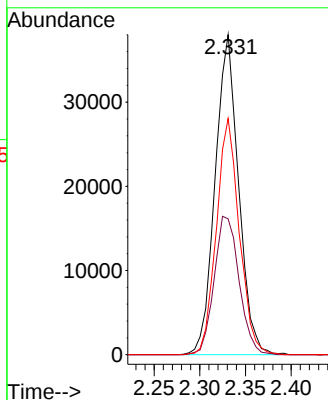
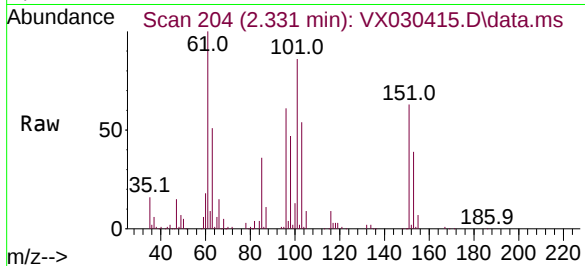




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.483 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX030415.D
 Acq: 05 Aug 2022 00:27

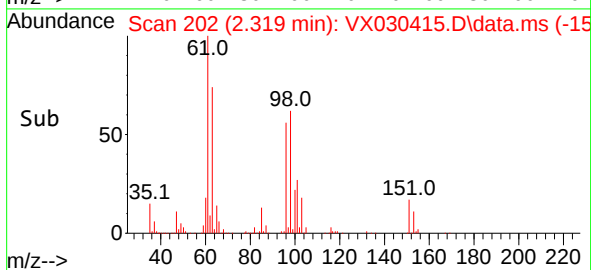
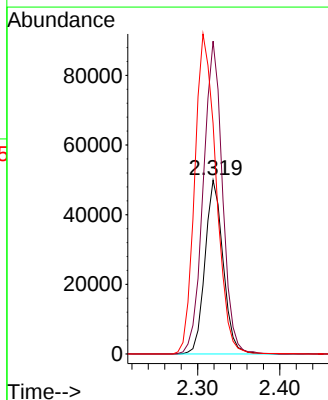
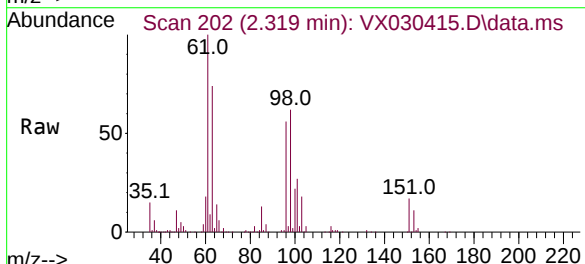
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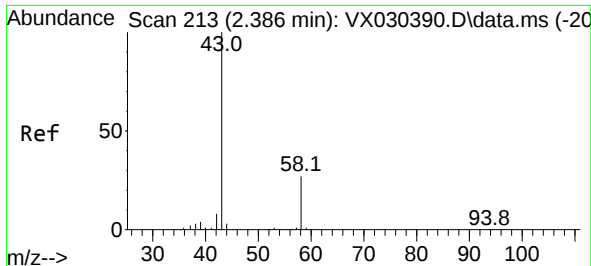
Tgt Ion:101 Resp: 67799
 Ion Ratio Lower Upper
 101 100
 85 46.0 35.3 52.9
 151 72.2 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 54.343 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030415.D
 Acq: 05 Aug 2022 00:27

Tgt Ion: 96 Resp: 76307
 Ion Ratio Lower Upper
 96 100
 61 180.0 130.2 241.8
 63 132.7 113.5 210.9





#13

Acetone

Concen: 113.696 ug/L

RT: 2.392 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX030415.D

Acq: 05 Aug 2022 00:27

Instrument :

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ClientSampleId :

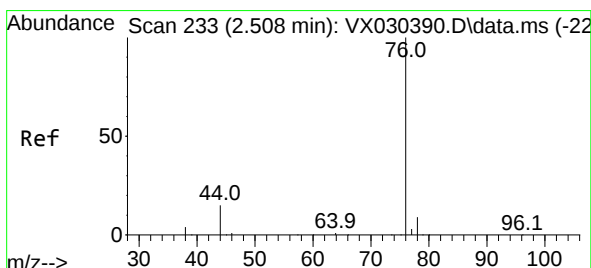
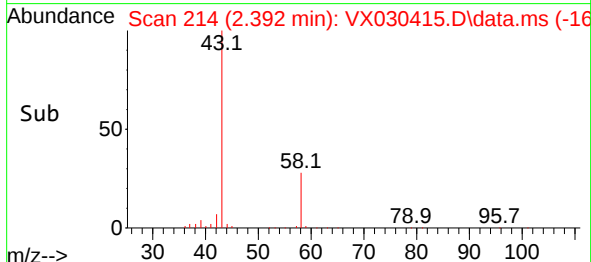
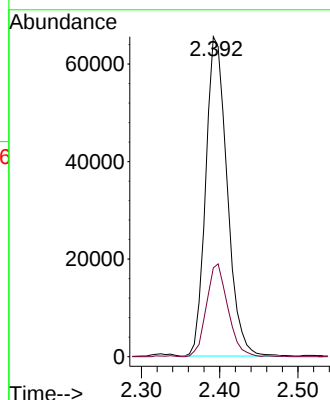
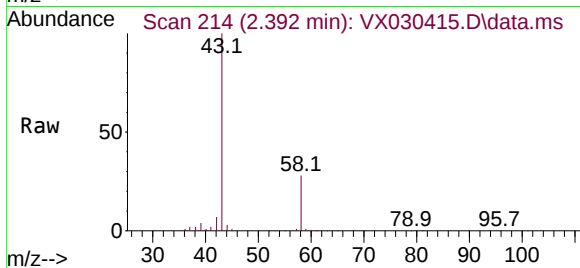
VSTD050764

Tgt Ion: 43 Resp: 124388

Ion Ratio Lower Upper

43 100

58 29.0 0.0 57.8



#14

Carbon disulfide

Concen: 49.487 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.006 min

Lab File: VX030415.D

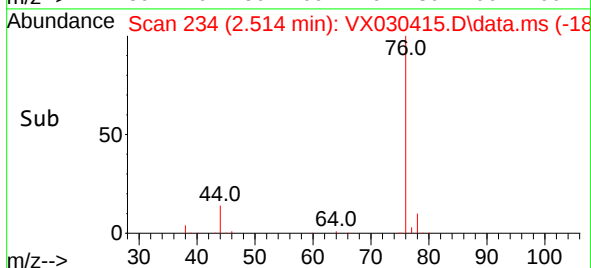
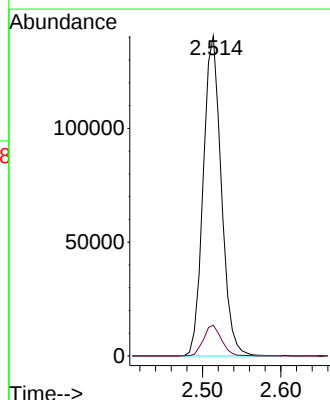
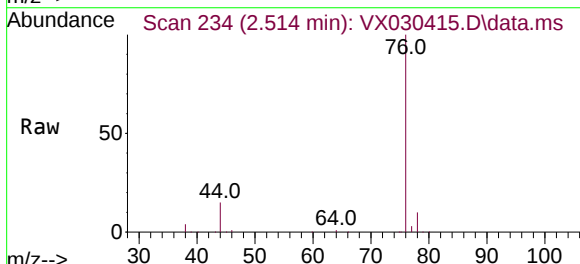
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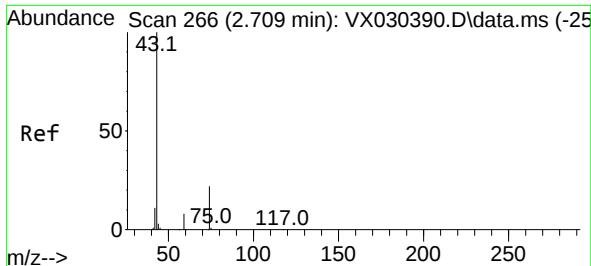
Tgt Ion: 76 Resp: 225222

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2

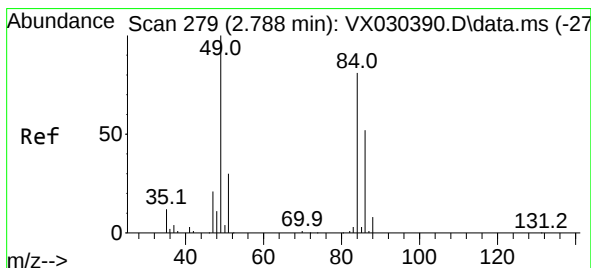
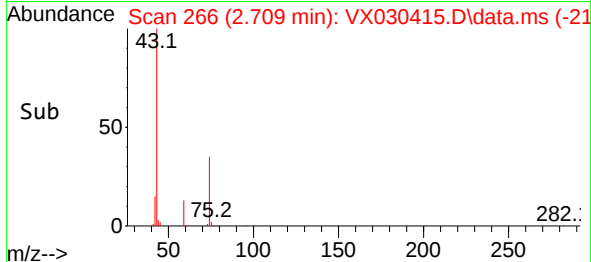
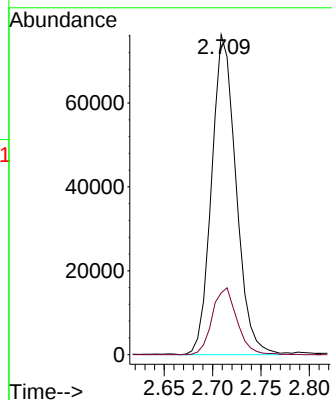
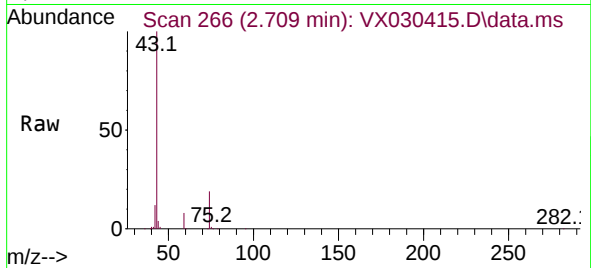




#15
Methyl Acetate
Concen: 59.217 ug/L
RT: 2.709 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

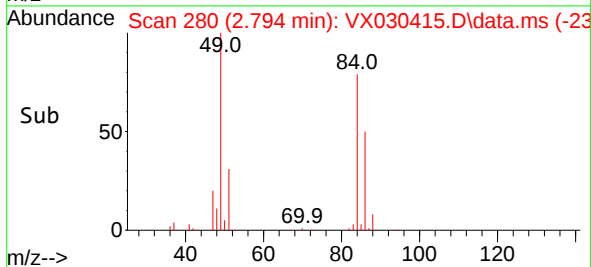
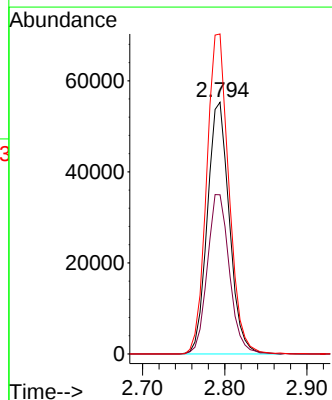
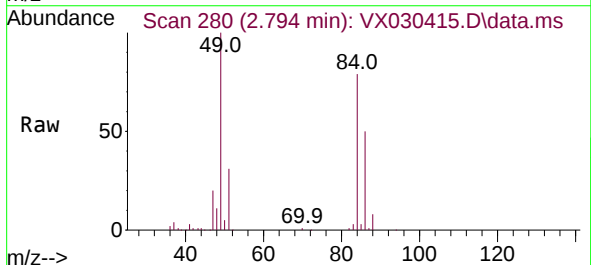
Instrument :
MSVOA_X
ClientSampleId :
VSTD050764

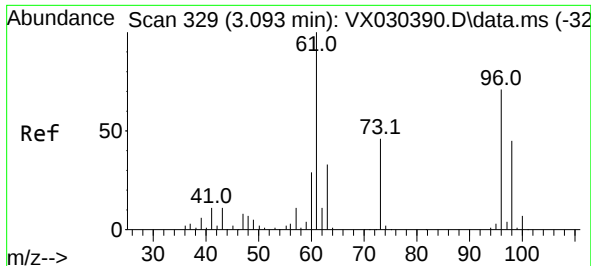
Tgt Ion: 43 Resp: 134096
Ion Ratio Lower Upper
43 100
74 21.0 17.2 25.8



#16
Methylene chloride
Concen: 57.556 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

Tgt Ion: 84 Resp: 102480
Ion Ratio Lower Upper
84 100
86 63.2 44.2 82.2
49 127.1 89.0 165.2





#17

trans-1,2-Dichloroethene

Concen: 54.671 ug/L

RT: 3.093 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX030415.D

Acq: 05 Aug 2022 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD050764

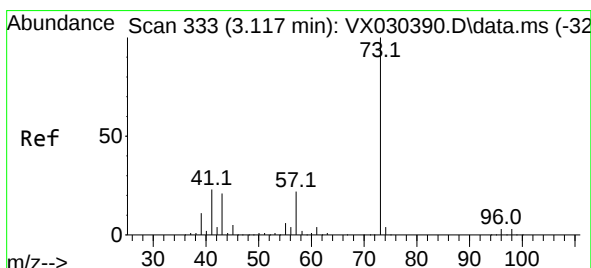
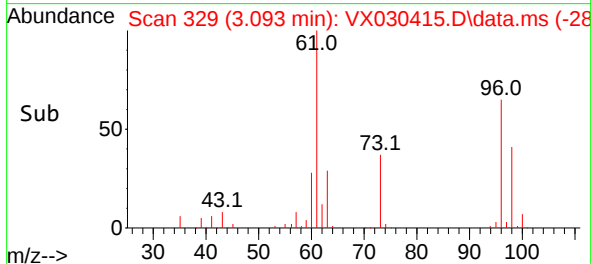
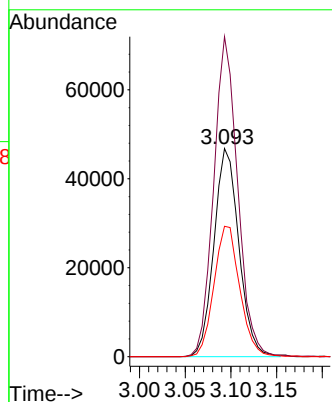
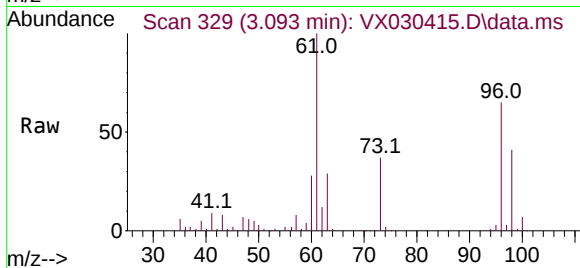
Tgt Ion: 96 Resp: 88937

Ion Ratio Lower Upper

96 100

61 153.8 103.7 192.5

98 62.7 41.5 77.1



#18

Methyl tert-butyl Ether

Concen: 57.775 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX030415.D

Acq: 05 Aug 2022 00:27

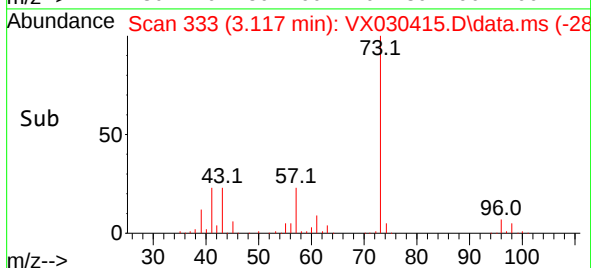
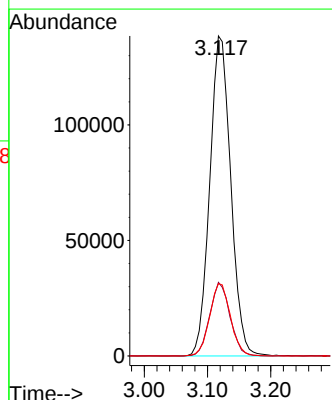
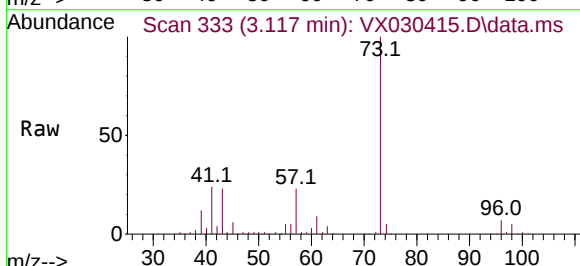
Tgt Ion: 73 Resp: 319621

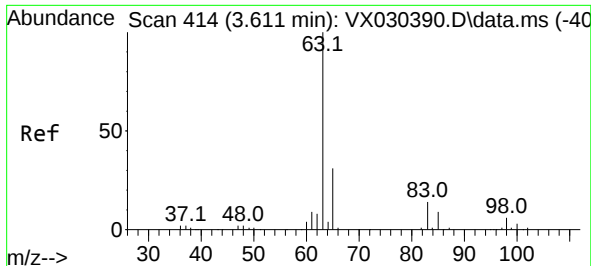
Ion Ratio Lower Upper

73 100

43 22.3 17.6 26.4

57 22.4 17.5 26.3





#19

1,1-Dichloroethane

Concen: 57.388 ug/L

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX030415.D

Acq: 05 Aug 2022 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD050764

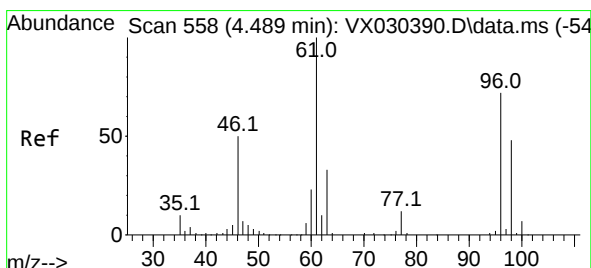
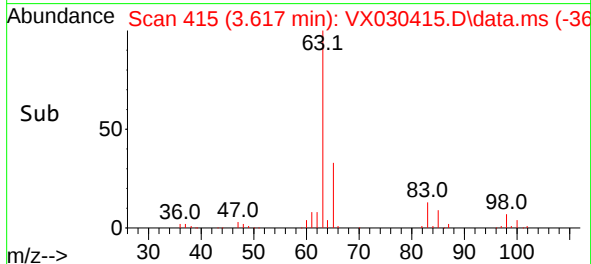
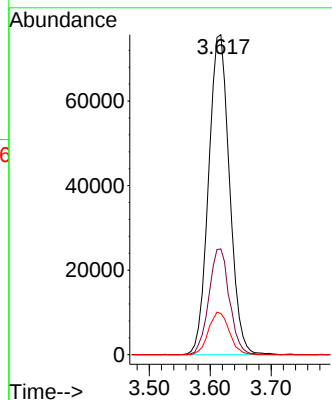
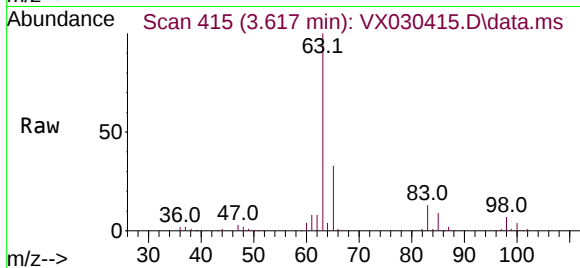
Tgt Ion: 63 Resp: 180564

Ion Ratio Lower Upper

63 100

65 33.1 22.0 40.8

83 12.9 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 56.680 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX030415.D

Acq: 05 Aug 2022 00:27

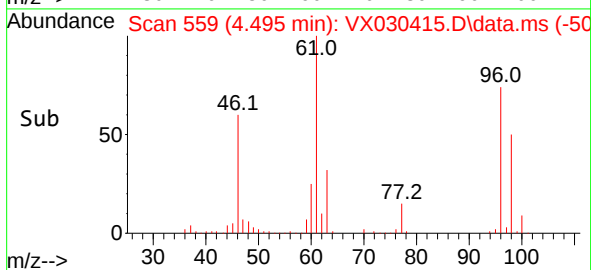
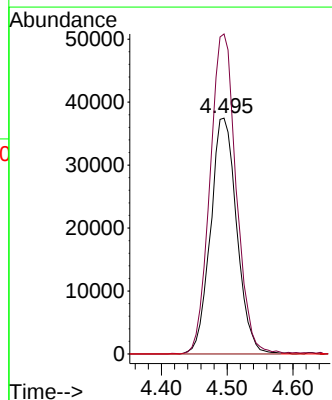
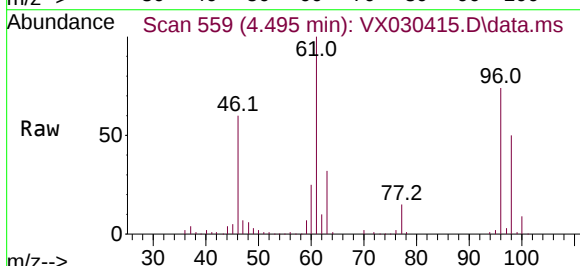
Tgt Ion: 96 Resp: 103724

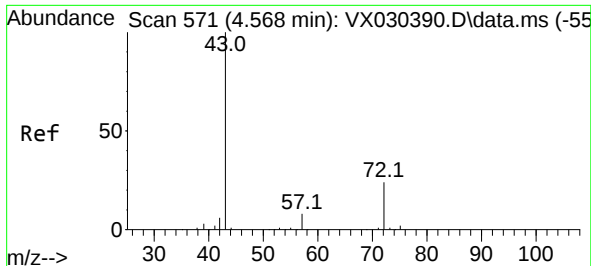
Ion Ratio Lower Upper

96 100

61 135.7 94.0 174.6

68 0.0 0.0 0.0

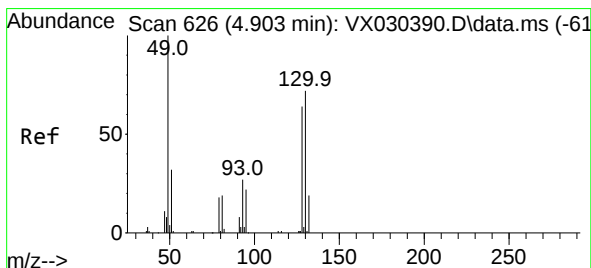
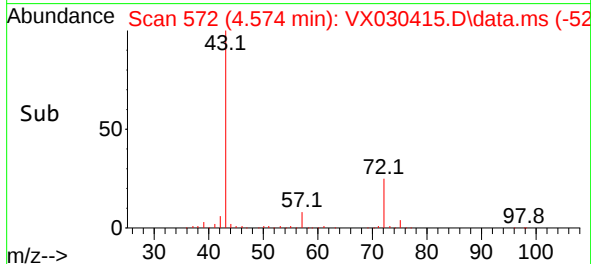
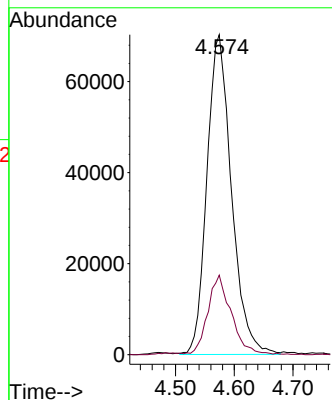
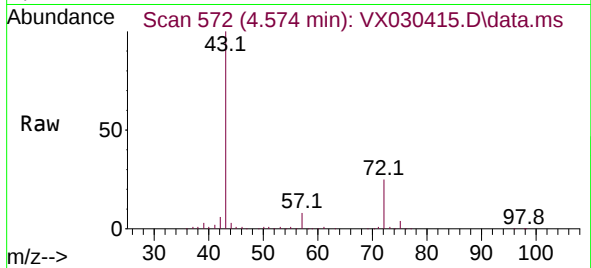




#22
2-Butanone
Concen: 118.194 ug/L
RT: 4.574 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

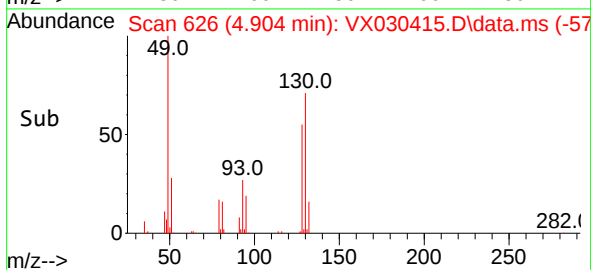
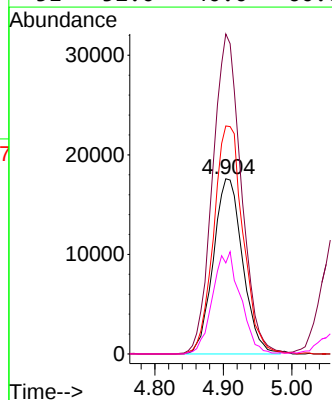
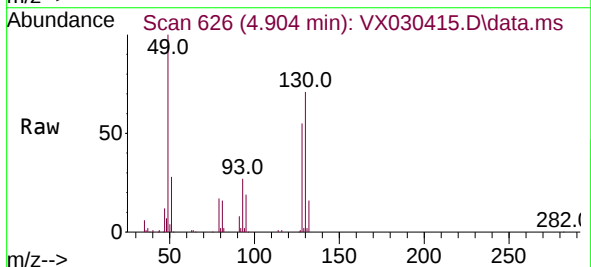
Instrument :
MSVOA_X
ClientSampleId :
VSTD050764

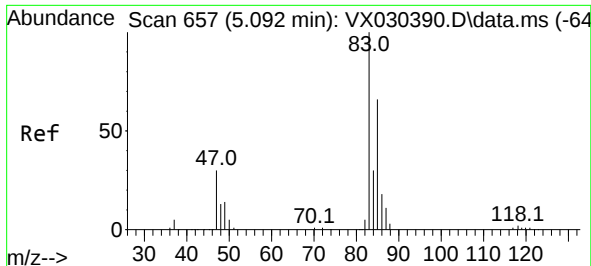
Tgt Ion: 43 Resp: 203987
Ion Ratio Lower Upper
43 100
72 23.7 11.7 35.1



#23
Bromochloromethane
Concen: 56.886 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

Tgt Ion: 128 Resp: 52204
Ion Ratio Lower Upper
128 100
49 182.7 116.8 216.8
130 130.2 90.3 167.7
51 52.0 40.0 60.0





#25

Chloroform

Concen: 57.010 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX030415.D

Acq: 05 Aug 2022 00:27

Instrument :

MSVOA_X

ClientSampleId :

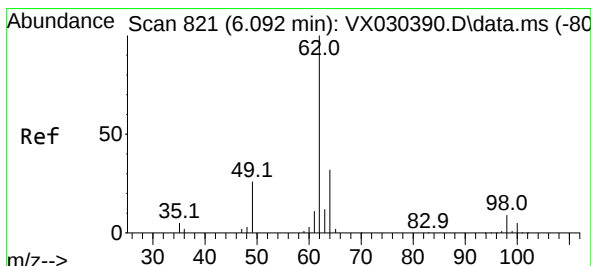
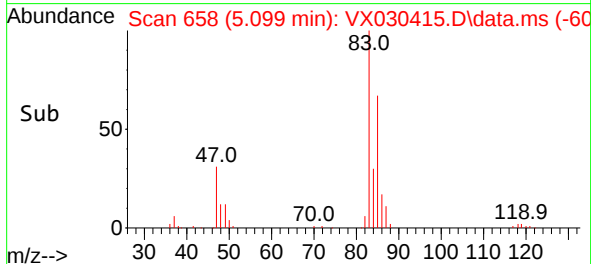
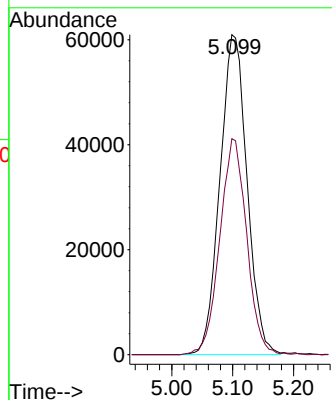
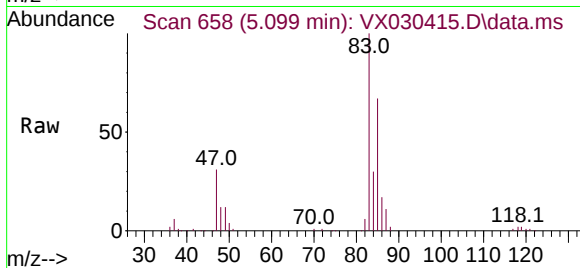
VSTD050764

Tgt Ion: 83 Resp: 188467

Ion Ratio Lower Upper

83 100

85 67.5 45.6 84.6



#27

1,2-Dichloroethane

Concen: 59.134 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX030415.D

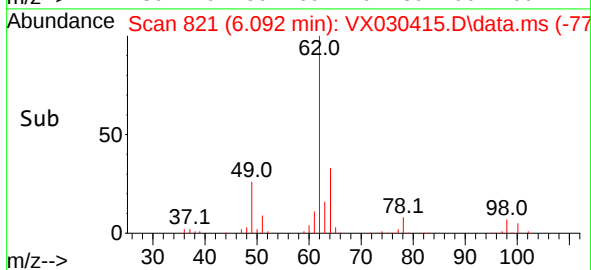
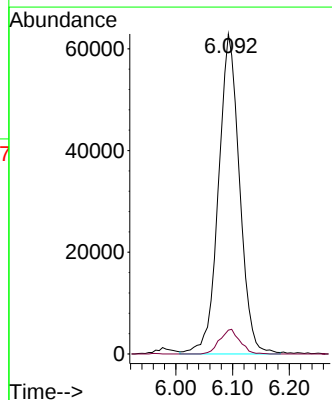
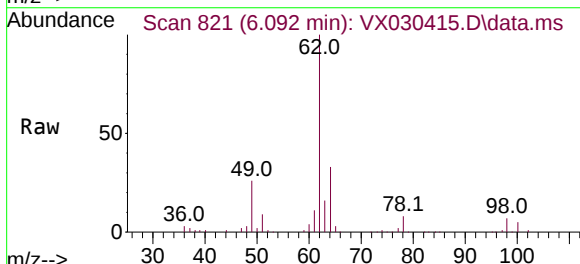
Acq: 05 Aug 2022 00:27

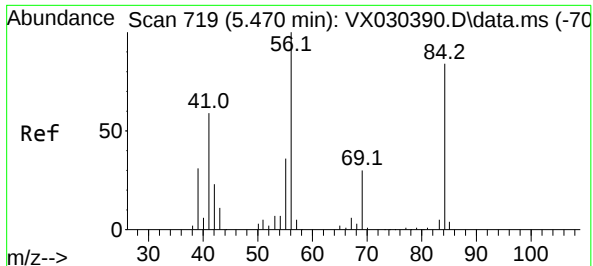
Tgt Ion: 62 Resp: 162706

Ion Ratio Lower Upper

62 100

98 7.4 7.0 10.6





#29

Cyclohexane

Concen: 41.956 ug/L

RT: 5.477 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX030415.D

Acq: 05 Aug 2022 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD050764

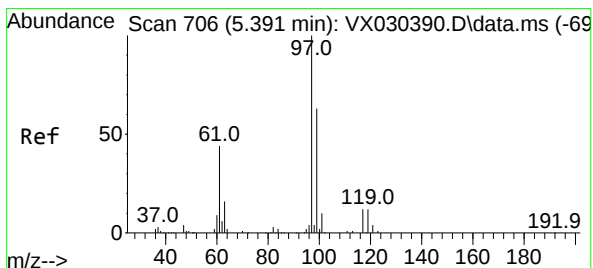
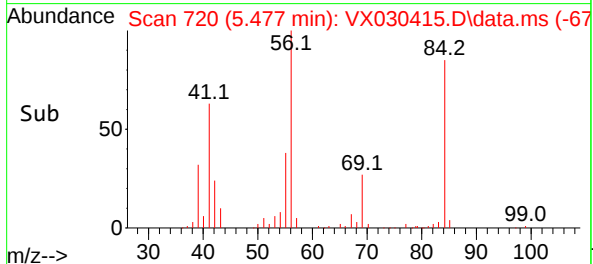
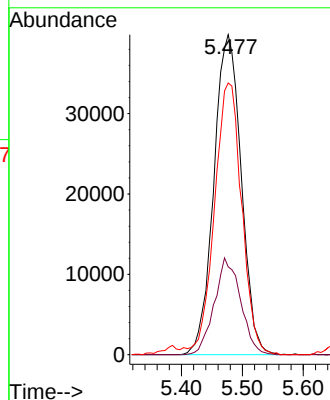
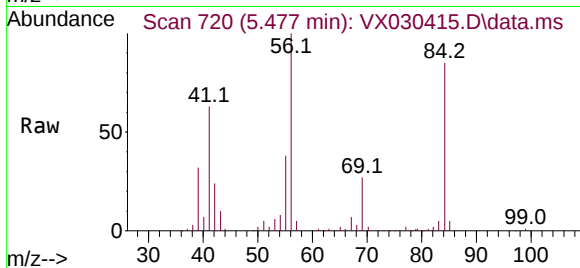
Tgt Ion: 56 Resp: 124187

Ion Ratio Lower Upper

56 100

69 29.0 24.3 36.5

84 84.3 66.7 100.1



#30

1,1,1-Trichloroethane

Concen: 50.913 ug/L

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030415.D

Acq: 05 Aug 2022 00:27

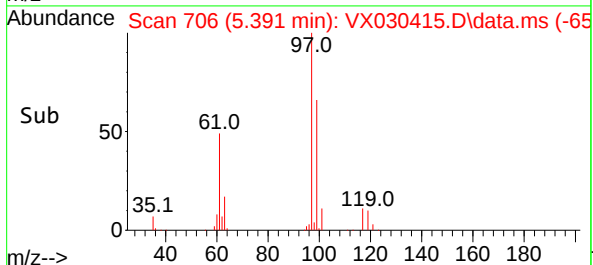
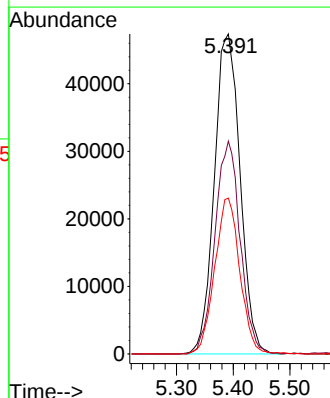
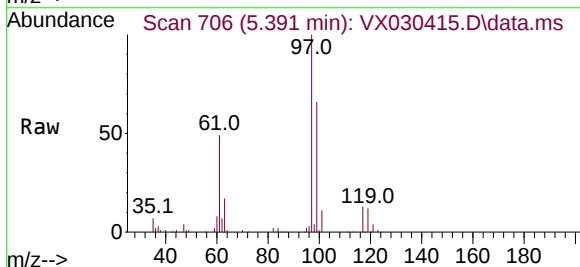
Tgt Ion: 97 Resp: 149526

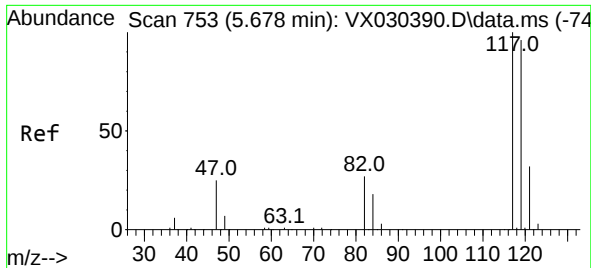
Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.0

61 47.4 37.0 55.6

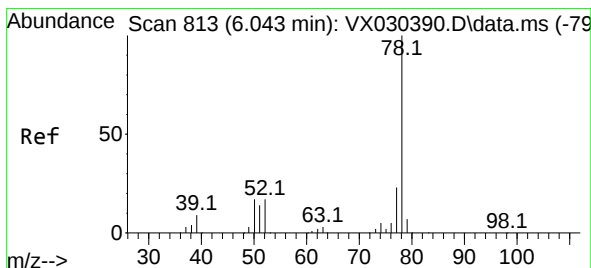
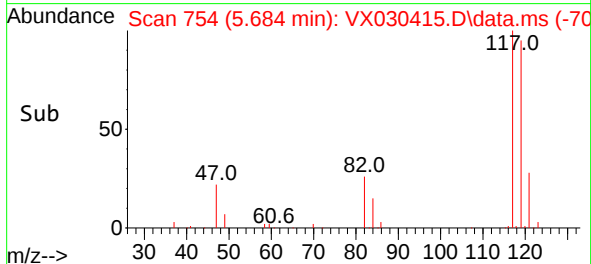
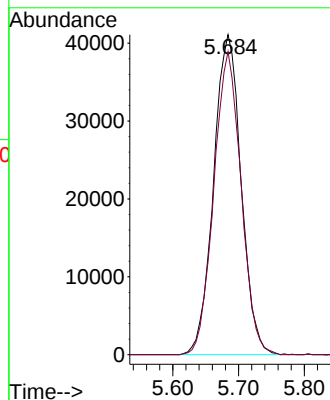
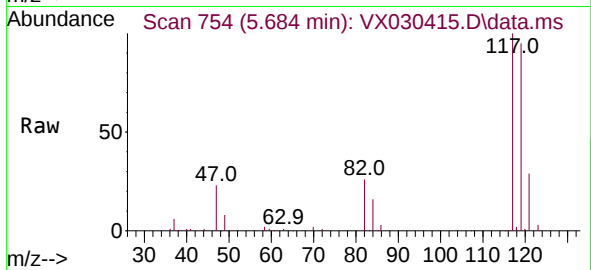




#31
Carbon tetrachloride
Concen: 49.301 ug/L
RT: 5.684 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

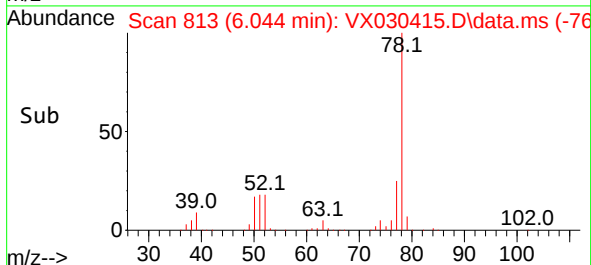
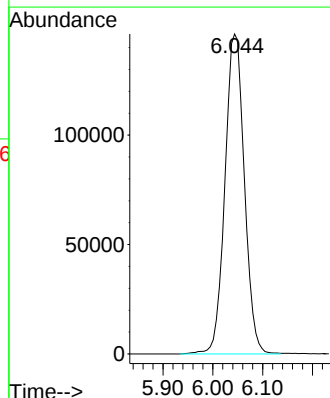
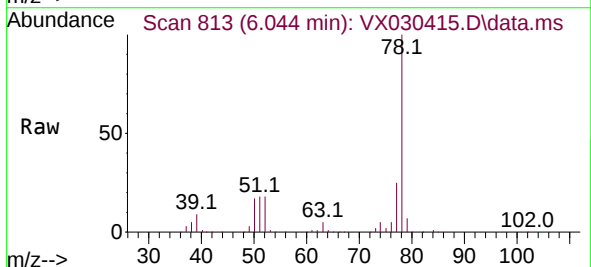
Instrument :
MSVOA_X
ClientSampleId :
VSTD050764

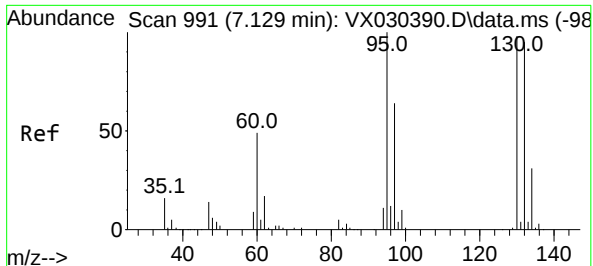
Tgt Ion:117 Resp: 119502
Ion Ratio Lower Upper
117 100
119 93.9 76.2 114.2



#33
Benzene
Concen: 55.461 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

Tgt Ion: 78 Resp: 395912

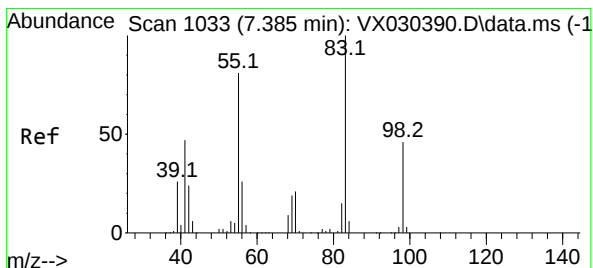
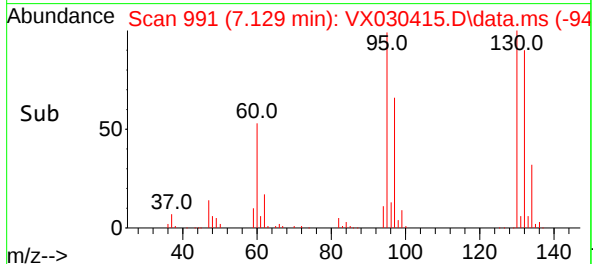
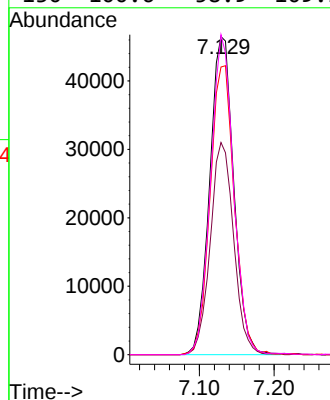
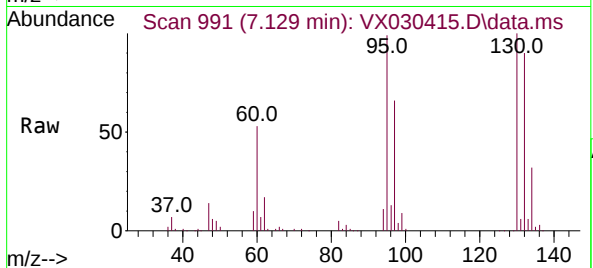




#34
Trichloroethene
Concen: 50.241 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

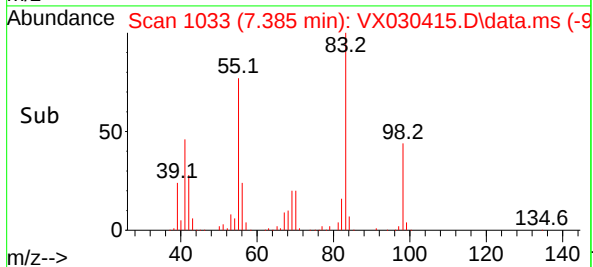
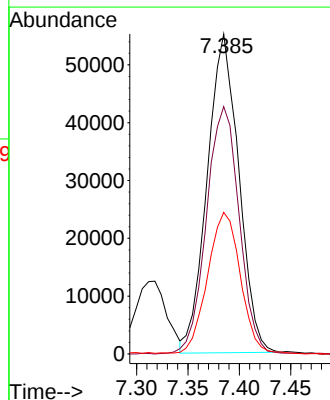
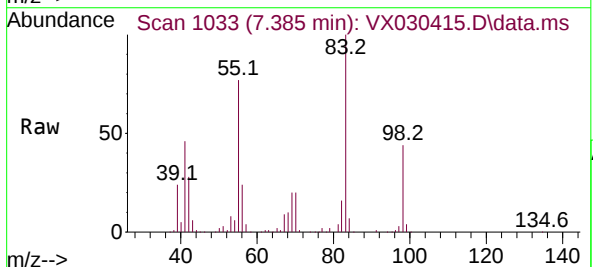
Instrument :
MSVOA_X
ClientSampleId :
VSTD050764

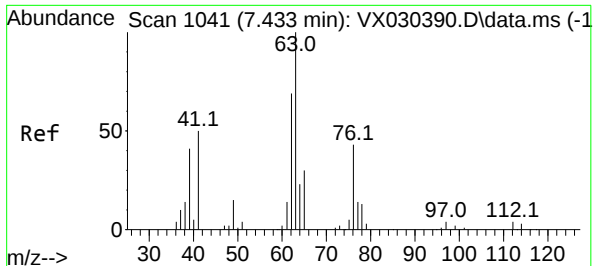
Tgt Ion: 95 Resp: 103876
Ion Ratio Lower Upper
95 100
97 66.7 40.2 74.6
132 90.5 55.3 102.7
130 100.6 58.9 109.5



#35
Methylcyclohexane
Concen: 39.154 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

Tgt Ion: 83 Resp: 117848
Ion Ratio Lower Upper
83 100
55 80.4 64.0 96.0
98 46.3 36.7 55.1





#37

1,2-Dichloropropane

Concen: 55.731 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX030415.D

Acq: 05 Aug 2022 00:27

Instrument :

MSVOA_X

ClientSampleId :

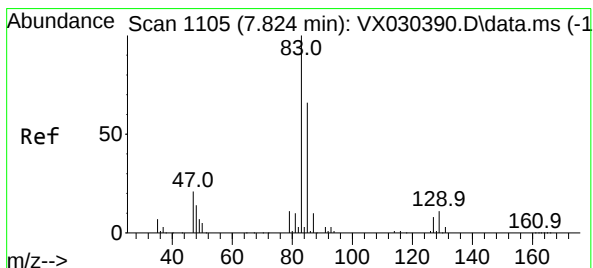
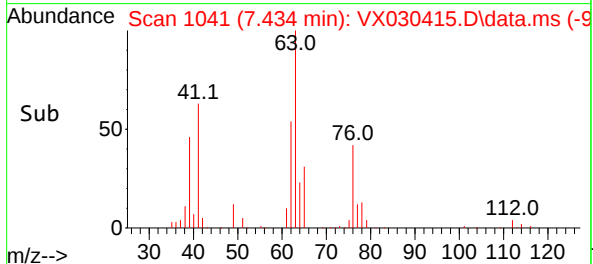
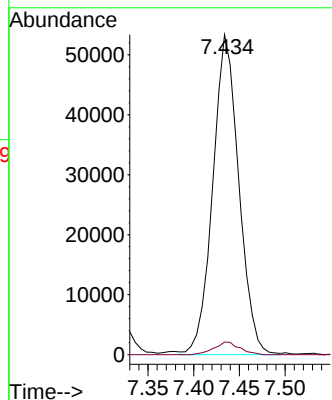
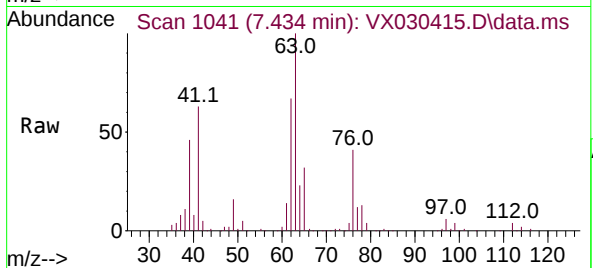
VSTD050764

Tgt Ion: 63 Resp: 105781

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.4



#38

Bromodichloromethane

Concen: 55.675 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX030415.D

Acq: 05 Aug 2022 00:27

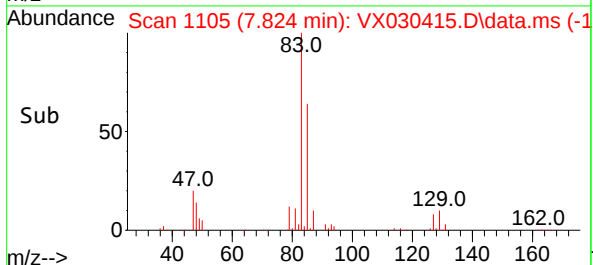
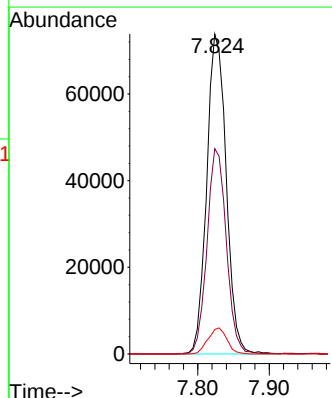
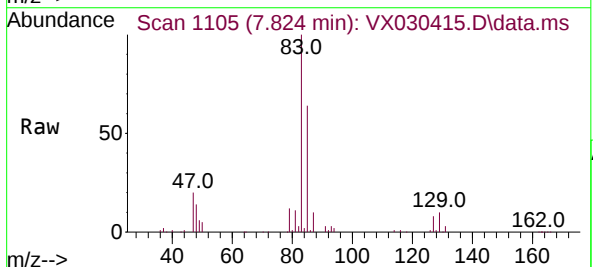
Tgt Ion: 83 Resp: 139858

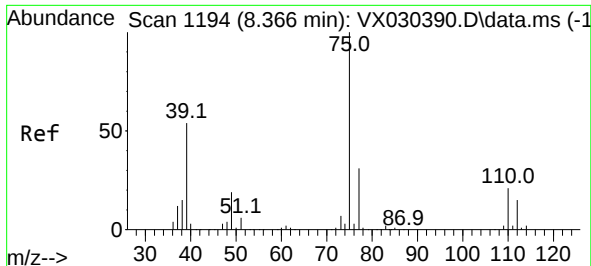
Ion Ratio Lower Upper

83 100

85 64.1 42.5 78.9

127 7.6 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 54.526 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX030415.D

Acq: 05 Aug 2022 00:27

Instrument :

MSVOA_X

ClientSampleId :

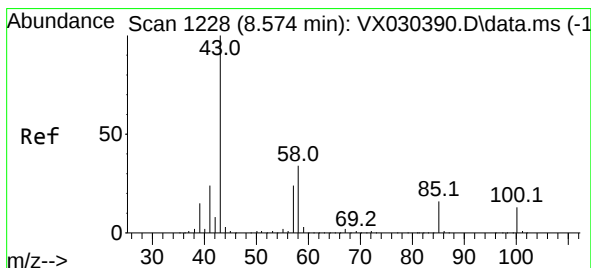
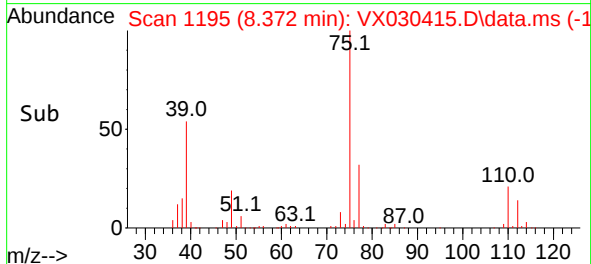
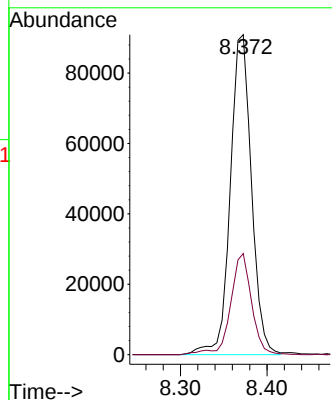
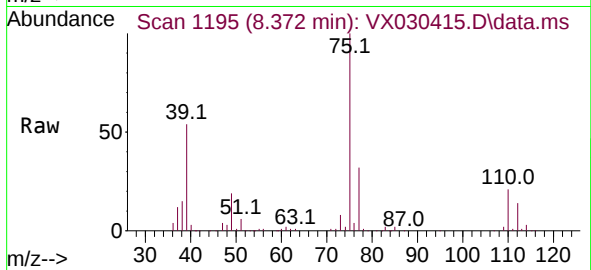
VSTD050764

Tgt Ion: 75 Resp: 154386

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 117.152 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX030415.D

Acq: 05 Aug 2022 00:27

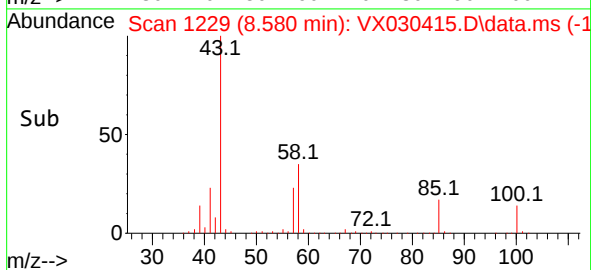
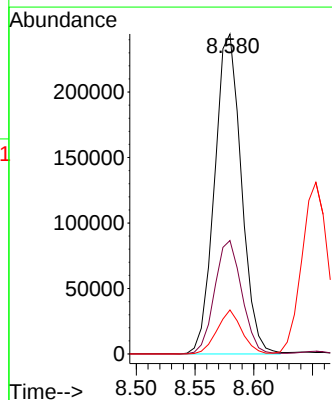
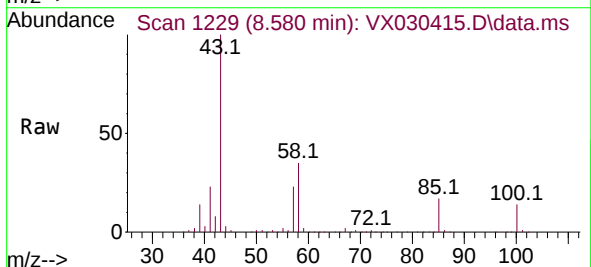
Tgt Ion: 43 Resp: 387226

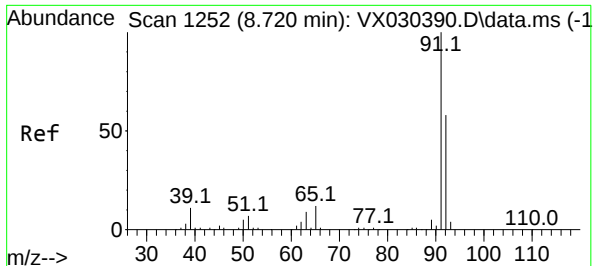
Ion Ratio Lower Upper

43 100

58 35.9 29.0 43.6

100 12.8 10.5 15.7





#42

Toluene

Concen: 53.231 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX030415.D

Acq: 05 Aug 2022 00:27

Instrument :

MSVOA_X

ClientSampleId :

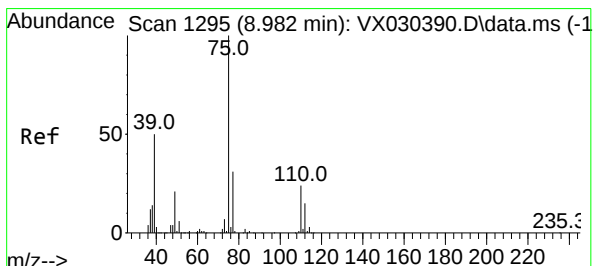
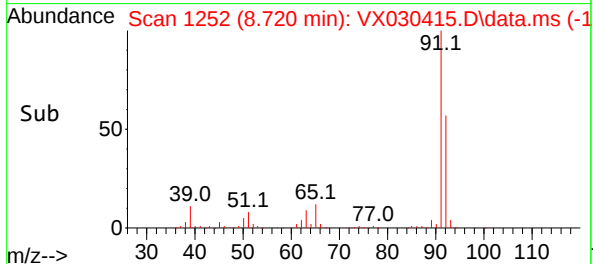
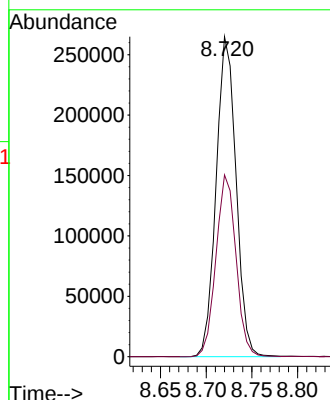
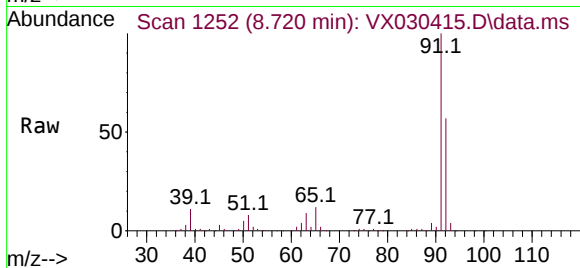
VSTD050764

Tgt Ion: 91 Resp: 401423

Ion Ratio Lower Upper

91 100

92 56.8 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 53.224 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX030415.D

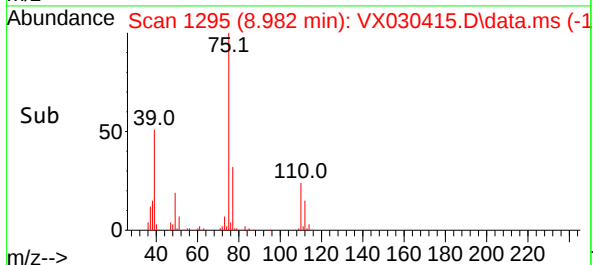
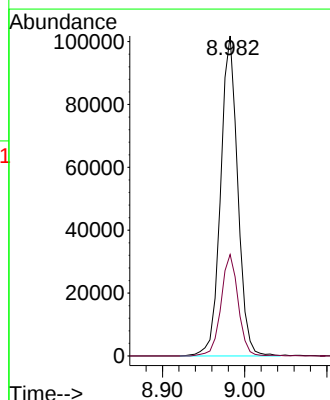
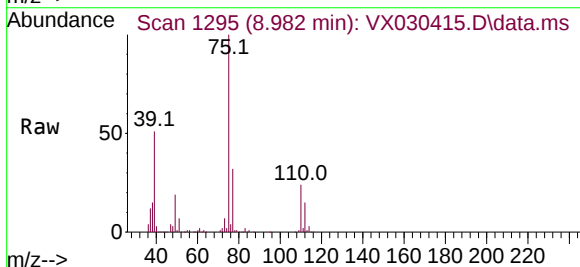
Acq: 05 Aug 2022 00:27

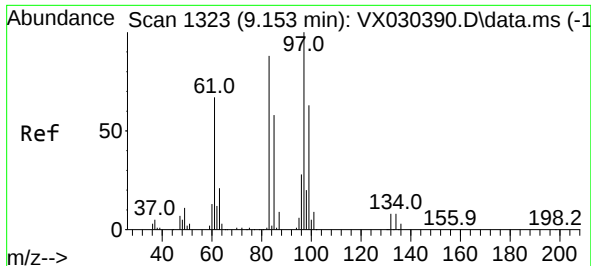
Tgt Ion: 75 Resp: 147499

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 57.616 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030415.D

Acq: 05 Aug 2022 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD050764

Tgt Ion: 97 Resp: 101687

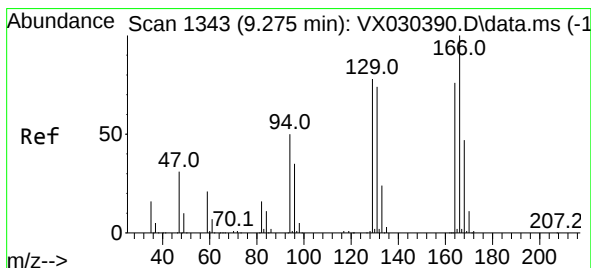
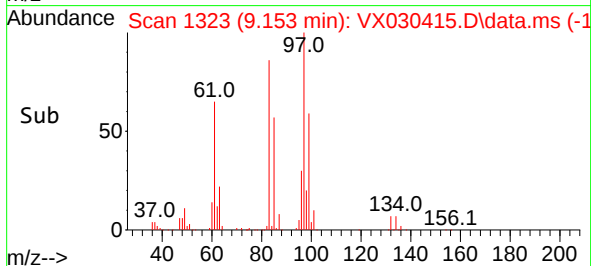
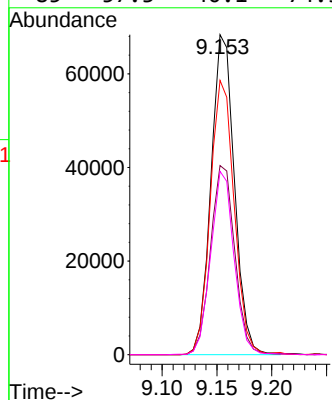
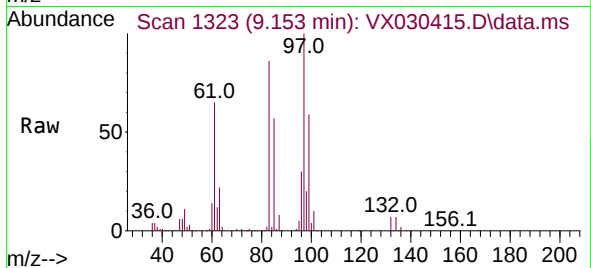
Ion Ratio Lower Upper

97 100

99 59.1 43.3 80.3

83 85.7 63.0 117.0

85 57.3 40.1 74.5



#46

Tetrachloroethene

Concen: 47.162 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX030415.D

Acq: 05 Aug 2022 00:27

Tgt Ion:164 Resp: 61624

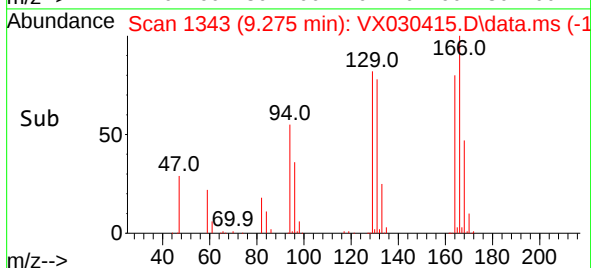
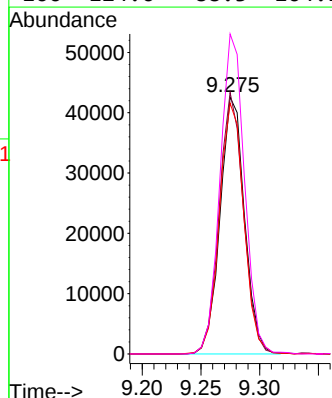
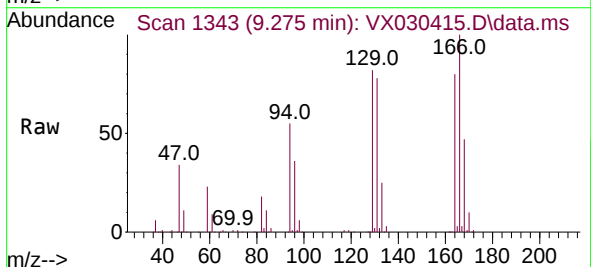
Ion Ratio Lower Upper

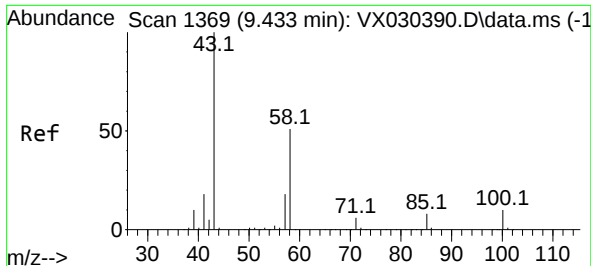
164 100

129 101.8 72.7 135.1

131 97.6 69.9 129.9

166 124.6 88.3 164.1



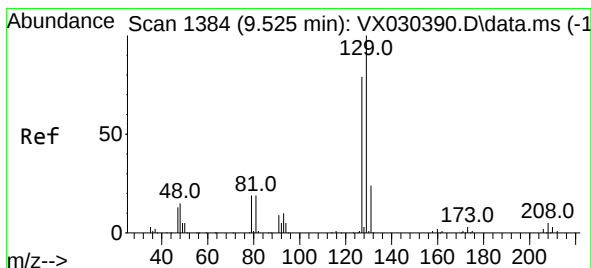
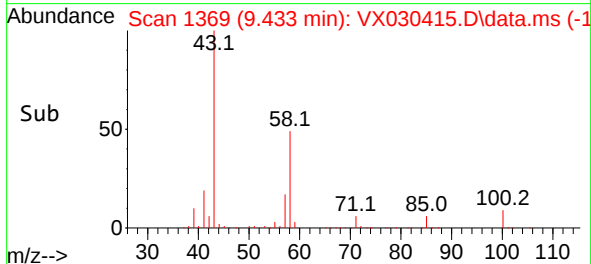
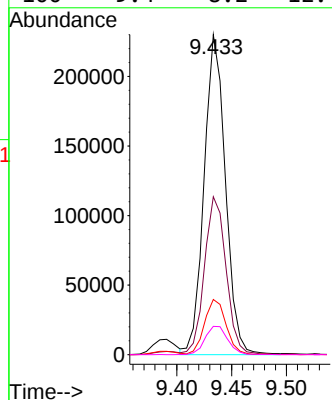
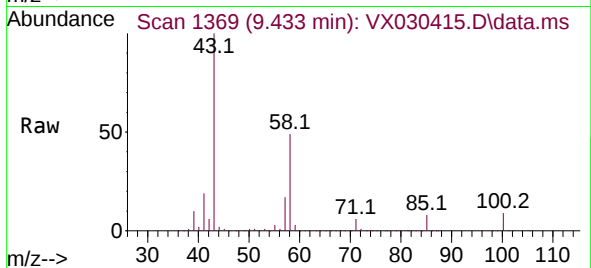


#48
2-Hexanone
Concen: 121.547 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

Instrument :
MSVOA_X
ClientSampleId :
VSTD050764

Tgt Ion: 43 Resp: 312154

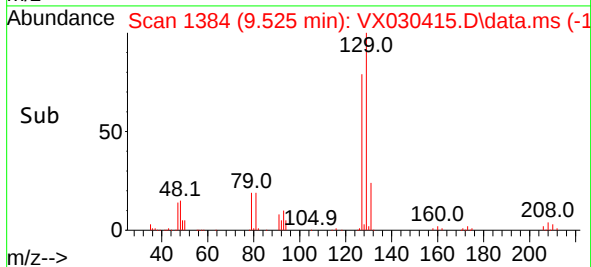
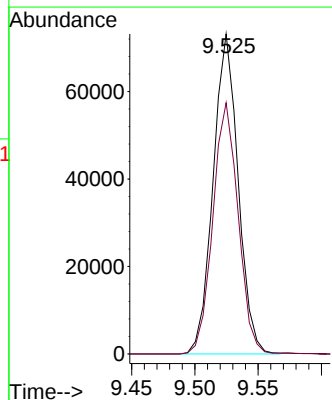
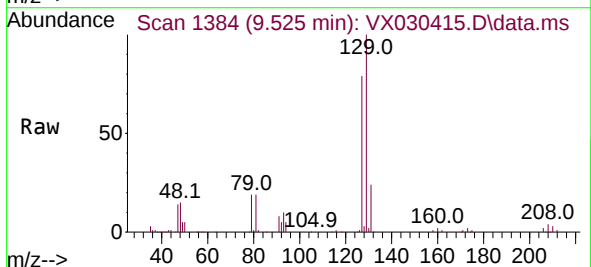
Ion	Ratio	Lower	Upper
43	100		
58	50.1	40.4	60.6
57	17.4	14.6	22.0
100	9.4	8.2	12.4

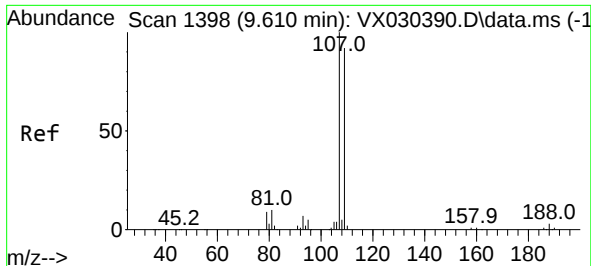


#49
Dibromochloromethane
Concen: 53.520 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

Tgt Ion: 129 Resp: 100492

Ion	Ratio	Lower	Upper
129	100		
127	78.5	55.6	103.2





#50

1,2-Dibromoethane

Concen: 56.474 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX030415.D

Acq: 05 Aug 2022 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD050764

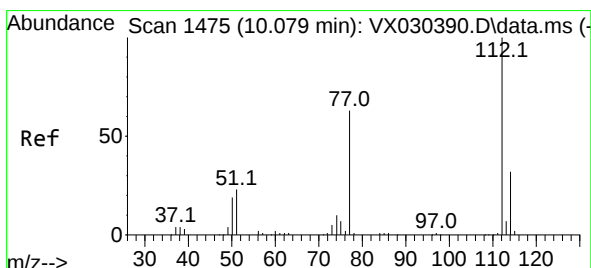
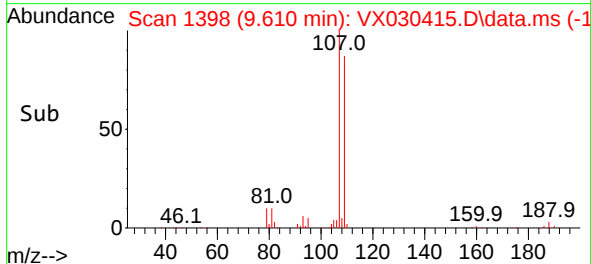
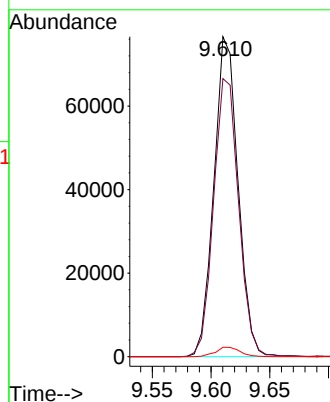
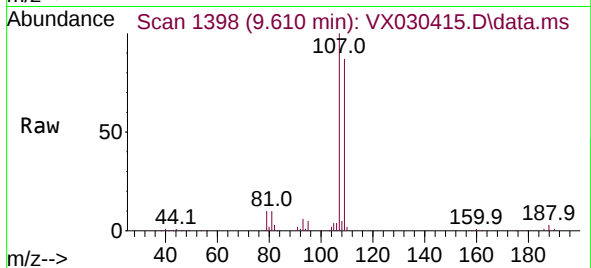
Tgt Ion:107 Resp: 109609

Ion Ratio Lower Upper

107 100

109 86.9 64.8 120.4

188 2.9 2.2 3.2



#51

Chlorobenzene

Concen: 53.464 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX030415.D

Acq: 05 Aug 2022 00:27

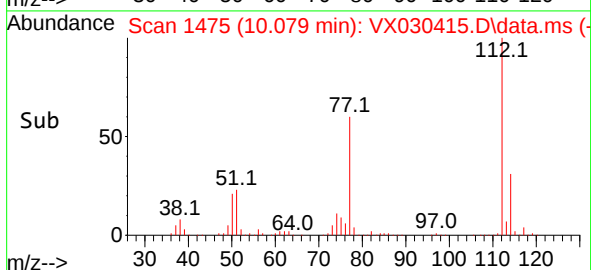
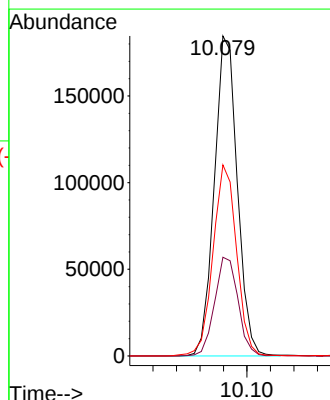
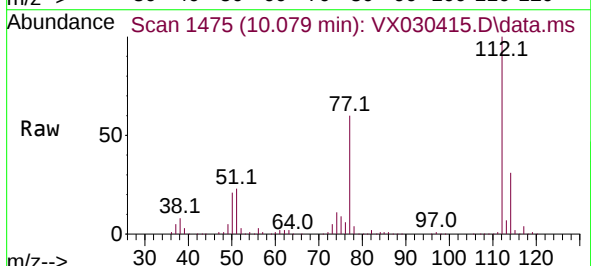
Tgt Ion:112 Resp: 251186

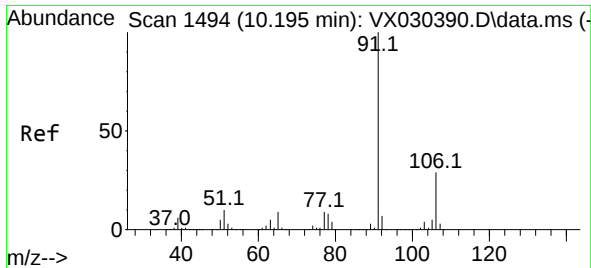
Ion Ratio Lower Upper

112 100

114 30.8 22.3 41.5

77 59.7 50.8 76.2

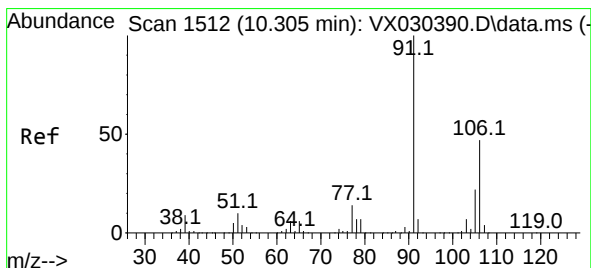
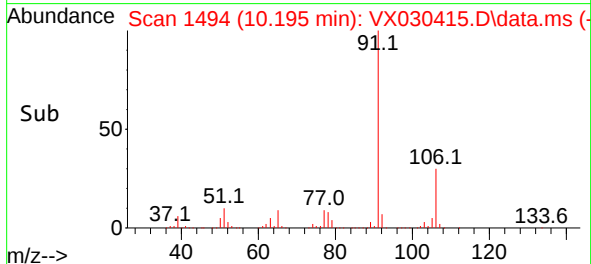
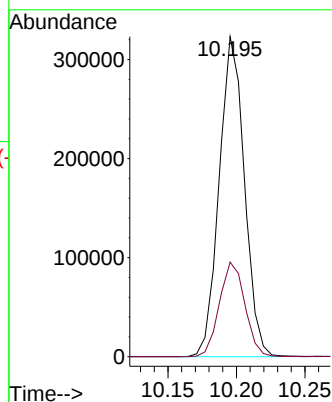
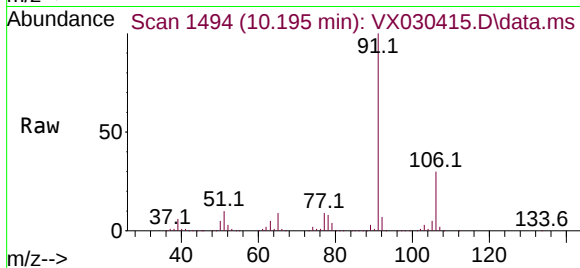




#52
Ethylbenzene
Concen: 50.238 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

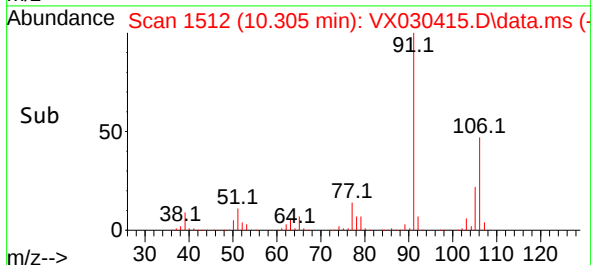
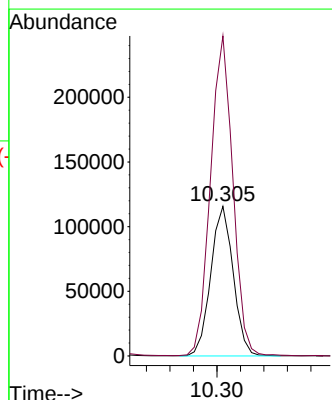
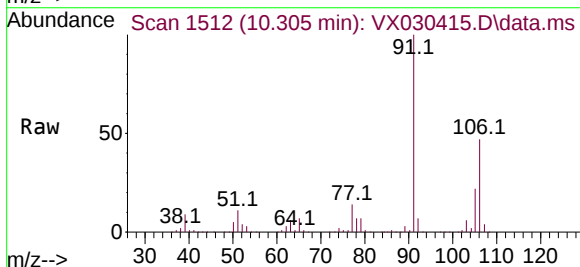
Instrument :
MSVOA_X
ClientSampleId :
VSTD050764

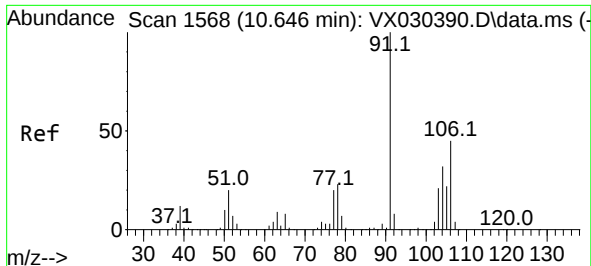
Tgt Ion: 91 Resp: 413086
Ion Ratio Lower Upper
91 100
106 29.6 21.3 39.5



#53
m,p-Xylene
Concen: 50.159 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

Tgt Ion: 106 Resp: 153726
Ion Ratio Lower Upper
106 100
91 213.8 147.8 274.6

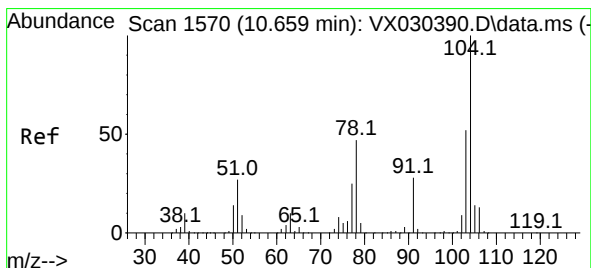
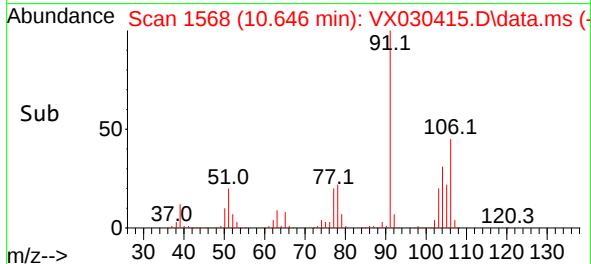
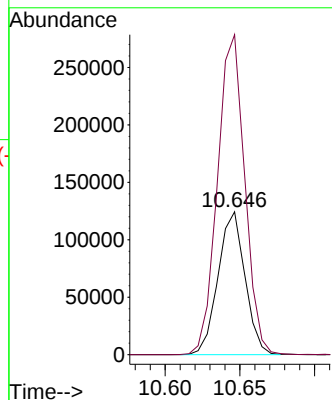
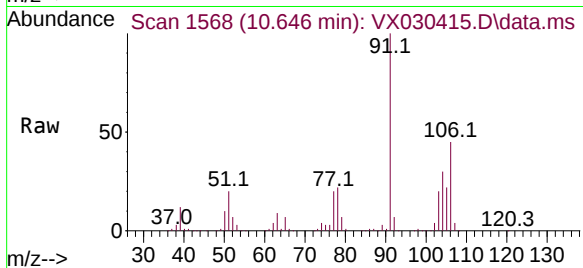




#54
o-Xylene
Concen: 51.051 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

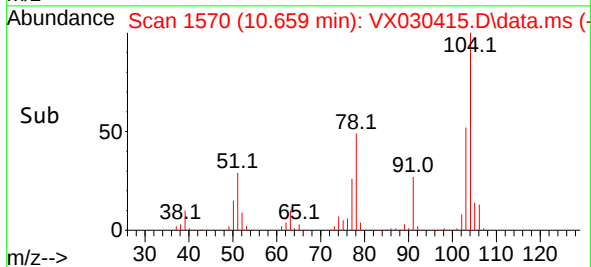
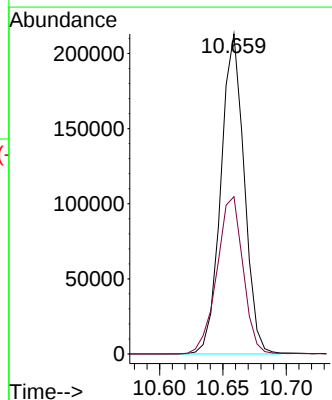
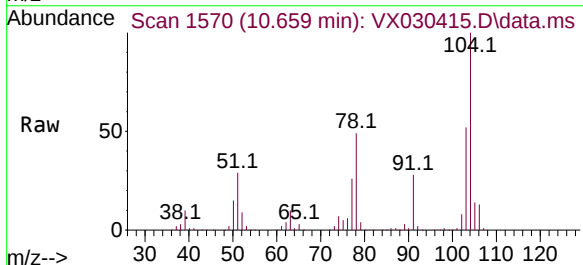
Instrument :
MSVOA_X
ClientSampleId :
VSTD050764

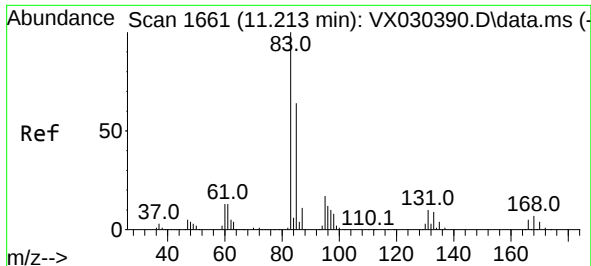
Tgt Ion:106 Resp: 155908
Ion Ratio Lower Upper
106 100
91 223.9 157.8 293.0



#55
Styrene
Concen: 52.942 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

Tgt Ion:104 Resp: 272240
Ion Ratio Lower Upper
104 100
78 49.2 33.2 61.7

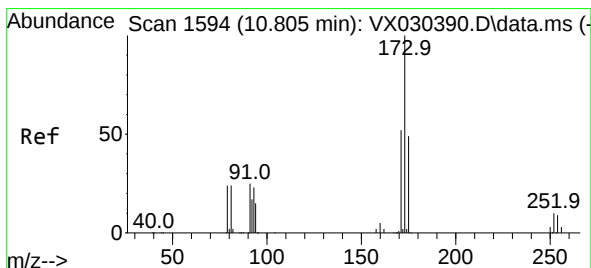
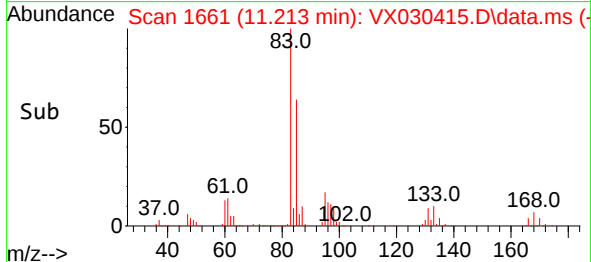
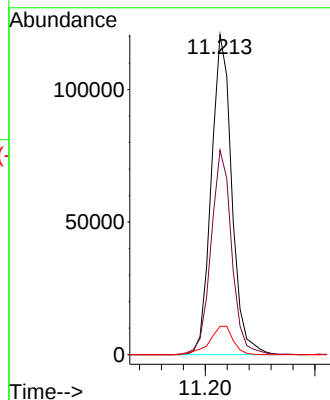
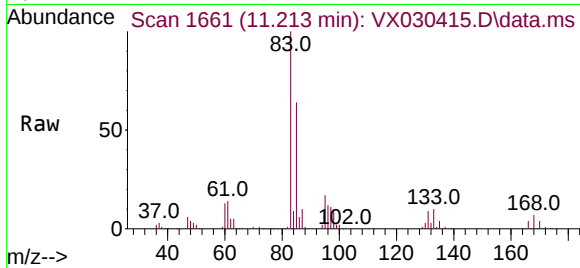




#57
1,1,2,2-Tetrachloroethane
Concen: 58.488 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

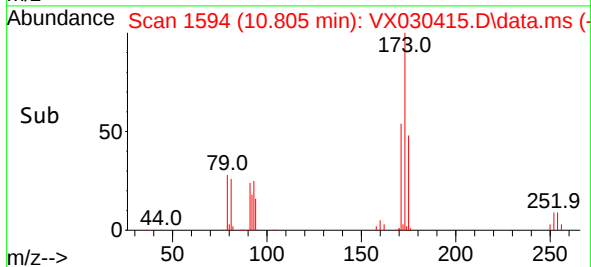
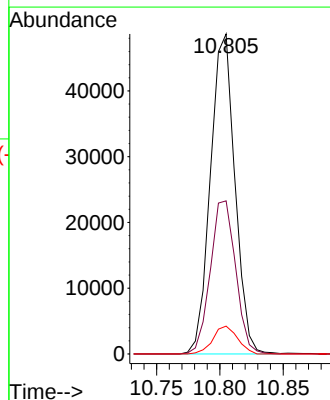
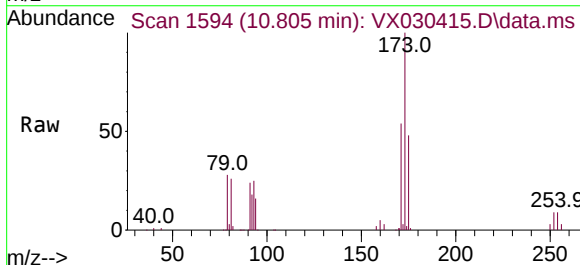
Instrument :
MSVOA_X
ClientSampleId :
VSTD050764

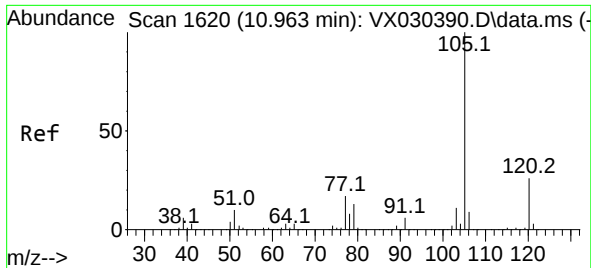
Tgt Ion: 83 Resp: 157065
Ion Ratio Lower Upper
83 100
85 63.9 44.4 82.4
131 8.8 7.5 11.3



#59
Bromoform
Concen: 56.599 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

Tgt Ion: 173 Resp: 65545
Ion Ratio Lower Upper
173 100
175 49.5 38.9 58.3
254 8.8 7.0 10.4

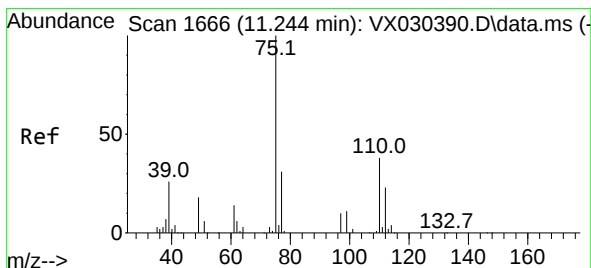
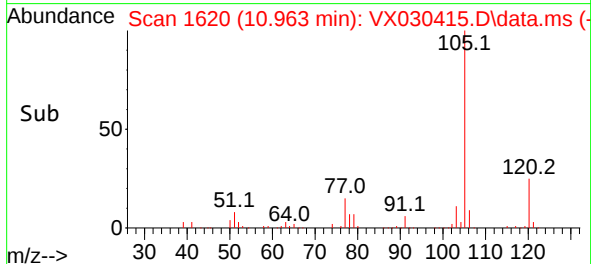
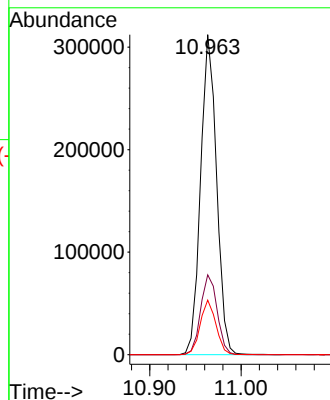
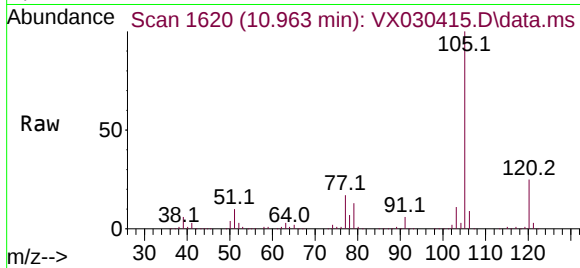




#60
Isopropylbenzene
Concen: 50.193 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

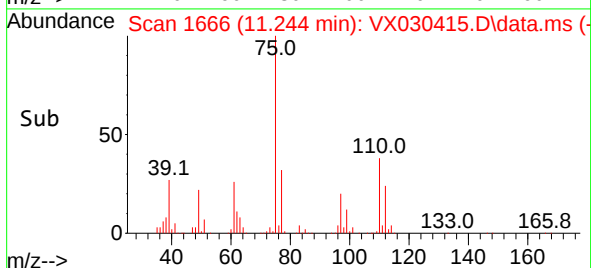
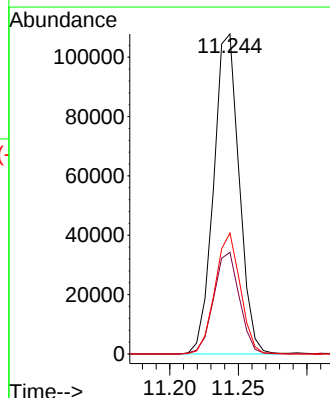
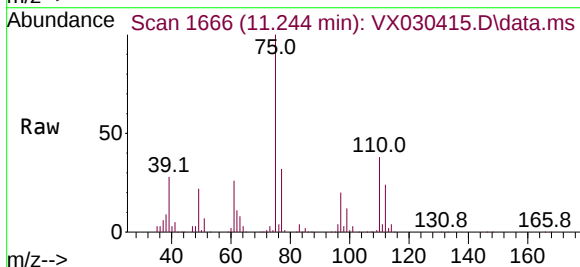
Instrument :
MSVOA_X
ClientSampleId :
VSTD050764

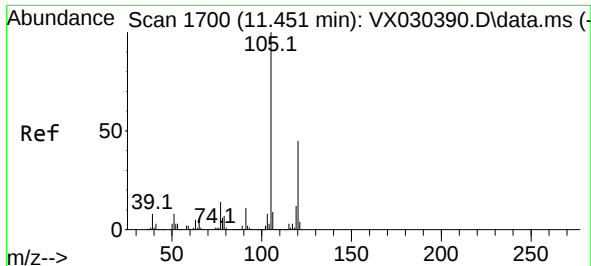
Tgt Ion:105 Resp: 378350
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 16.8 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 61.265 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

Tgt Ion: 75 Resp: 139917
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1
110 37.3 30.5 45.7

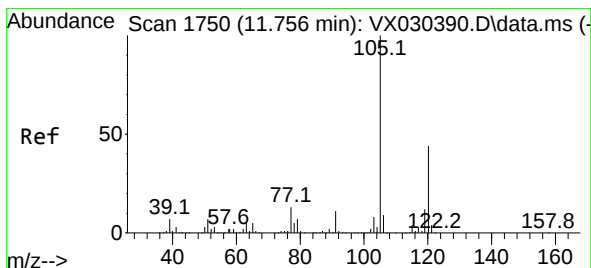
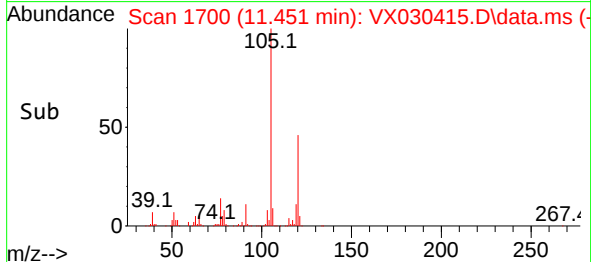
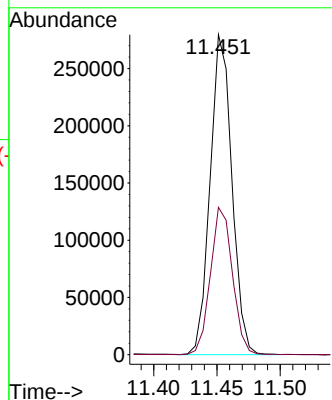
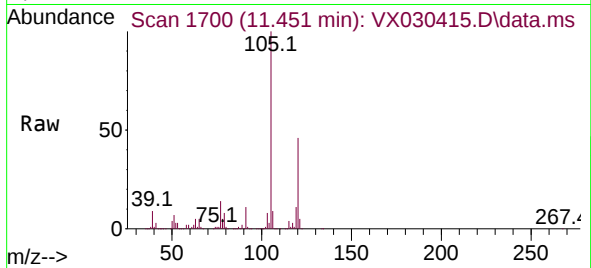




#62
1,3,5-Trimethylbenzene
Concen: 52.069 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

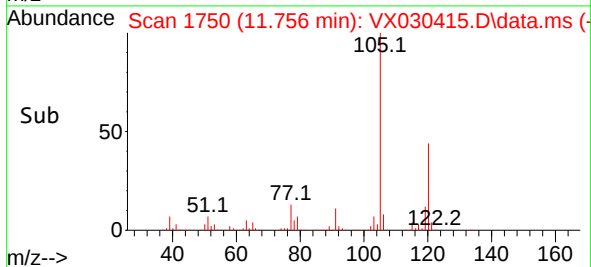
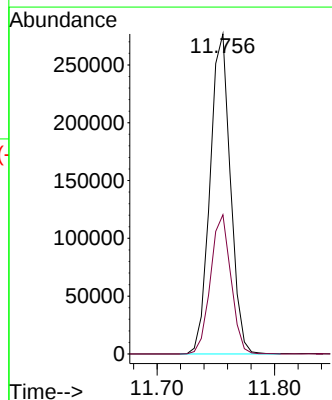
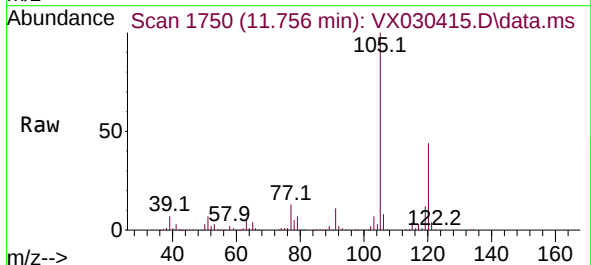
Instrument :
MSVOA_X
ClientSampleId :
VSTD050764

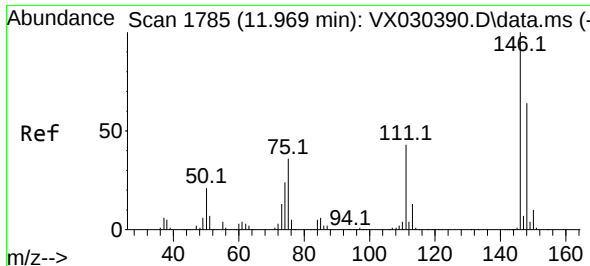
Tgt Ion:105 Resp: 335085
Ion Ratio Lower Upper
105 100
120 46.6 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 51.328 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

Tgt Ion:105 Resp: 333587
Ion Ratio Lower Upper
105 100
120 43.5 35.9 53.9

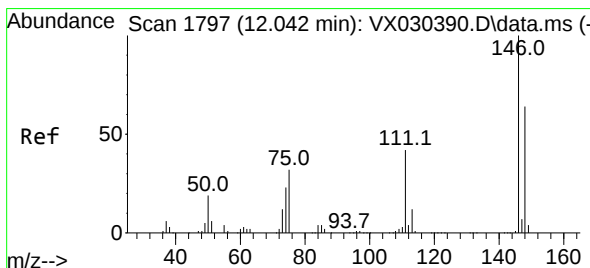
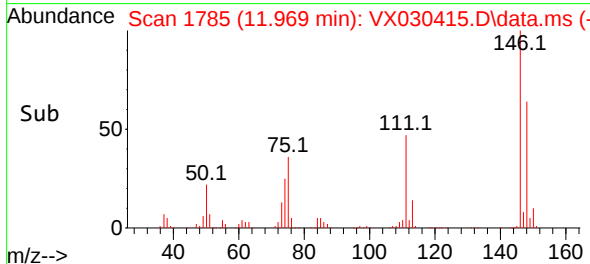
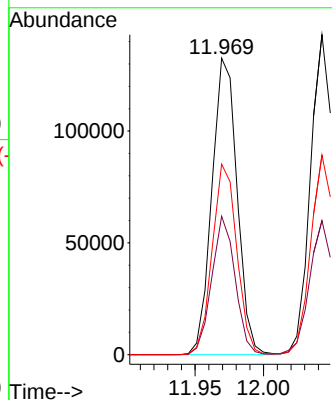
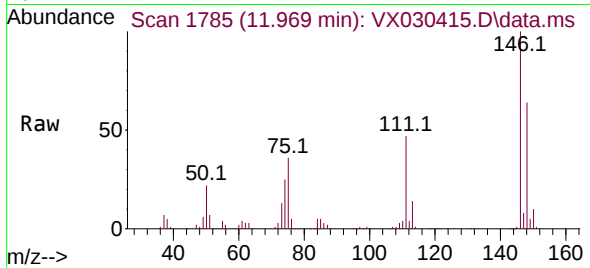




#64
1,3-Dichlorobenzene
Concen: 51.739 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

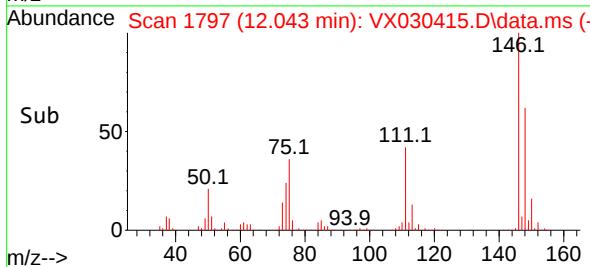
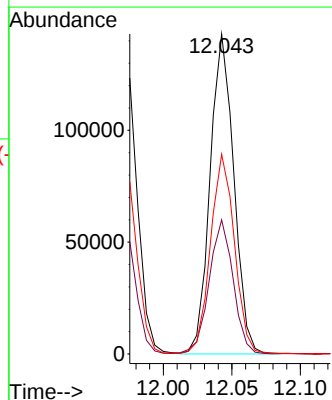
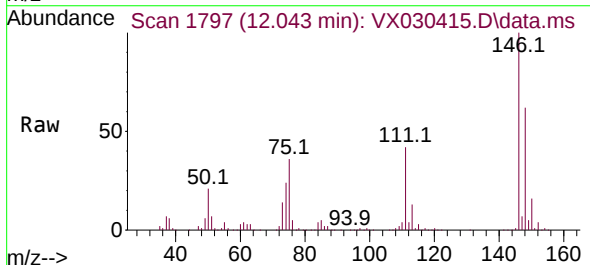
Instrument :
MSVOA_X
ClientSampleId :
VSTD050764

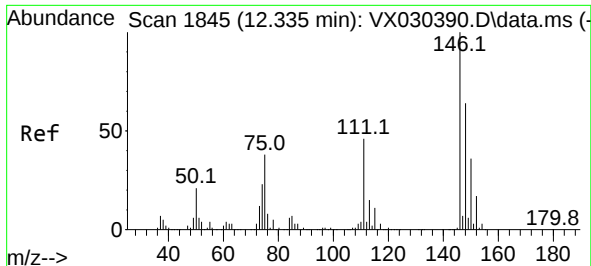
Tgt Ion:146 Resp: 169539
Ion Ratio Lower Upper
146 100
111 46.7 30.9 57.5
148 64.2 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 51.757 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

Tgt Ion:146 Resp: 172407
Ion Ratio Lower Upper
146 100
111 41.9 32.6 60.6
148 62.4 48.3 89.7





#67

1,2-Dichlorobenzene

Concen: 52.409 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030415.D

Acq: 05 Aug 2022 00:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD050764

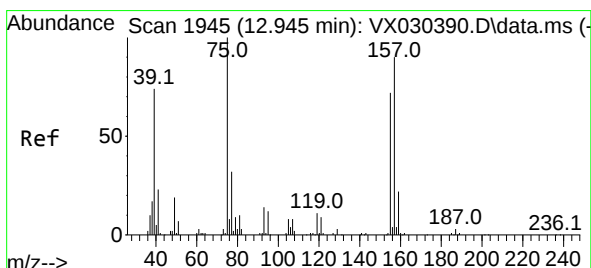
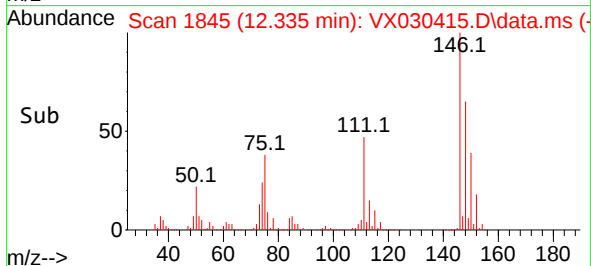
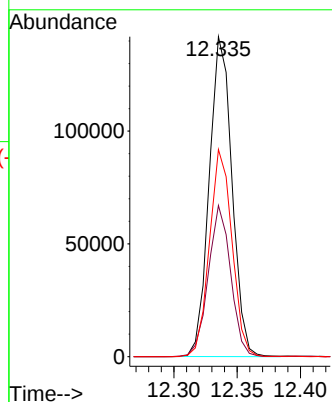
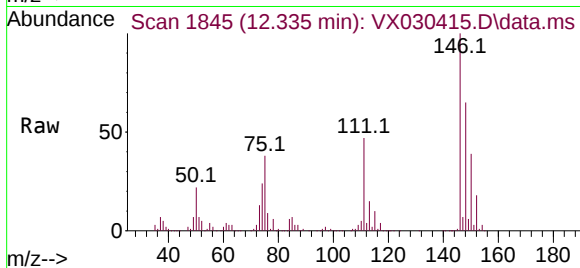
Tgt Ion:146 Resp: 177592

Ion Ratio Lower Upper

146 100

111 47.2 36.9 55.3

148 64.8 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 53.899 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX030415.D

Acq: 05 Aug 2022 00:27

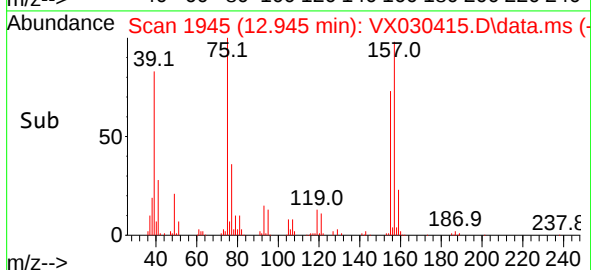
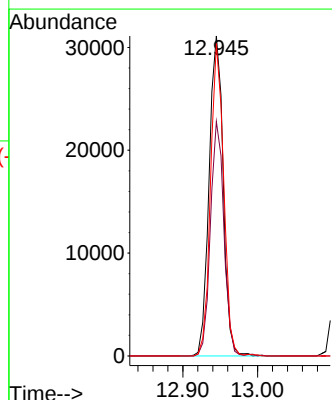
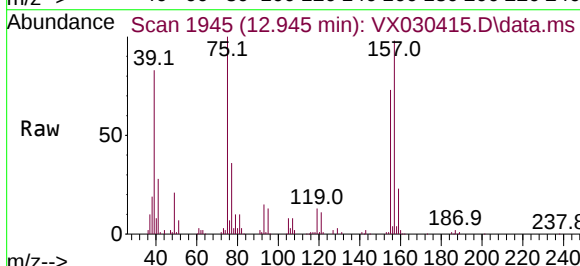
Tgt Ion: 75 Resp: 40605

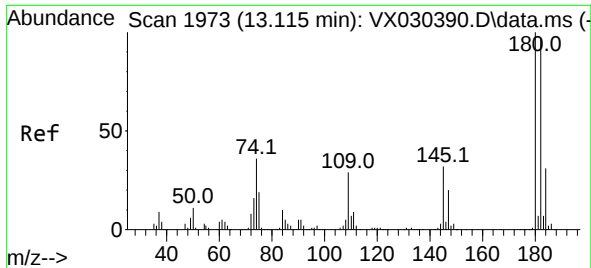
Ion Ratio Lower Upper

75 100

155 73.3 57.1 85.7

157 97.6 73.1 109.7

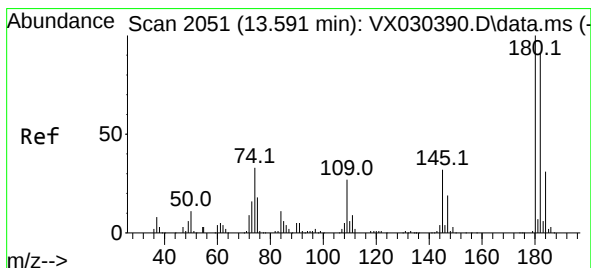
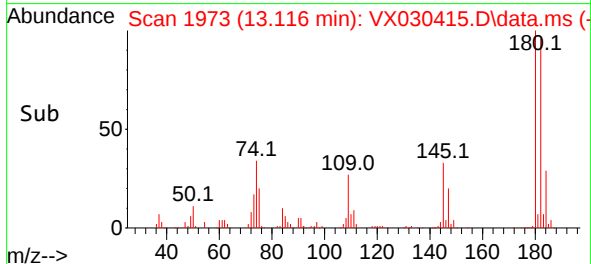
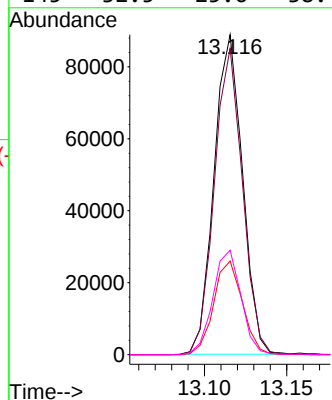
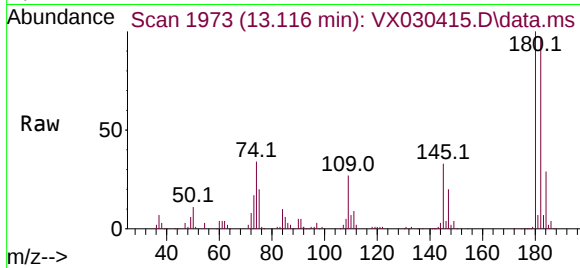




#69
 1,3,5-Trichlorobenzene
 Concen: 46.530 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX030415.D
 Acq: 05 Aug 2022 00:27

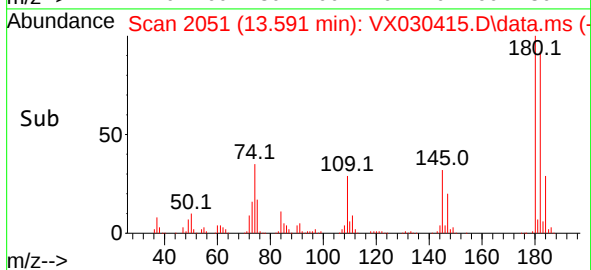
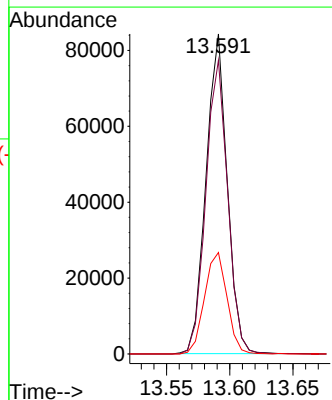
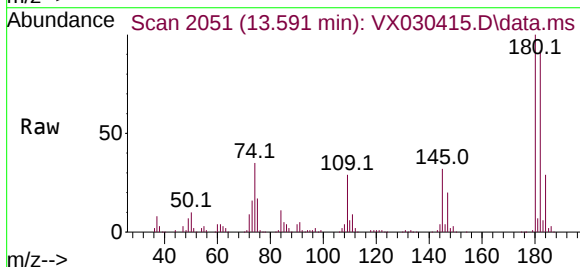
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050764

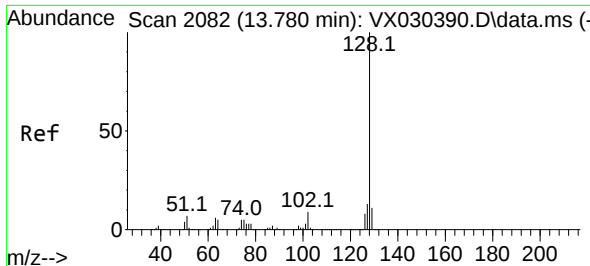
Tgt Ion:180 Resp: 106925
 Ion Ratio Lower Upper
 180 100
 182 94.6 73.7 110.5
 184 29.7 24.1 36.1
 145 32.5 25.6 38.4



#70
 1,2,4-trichlorobenzene
 Concen: 48.696 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX030415.D
 Acq: 05 Aug 2022 00:27

Tgt Ion:180 Resp: 98276
 Ion Ratio Lower Upper
 180 100
 182 94.6 72.7 109.1
 145 33.6 26.6 40.0

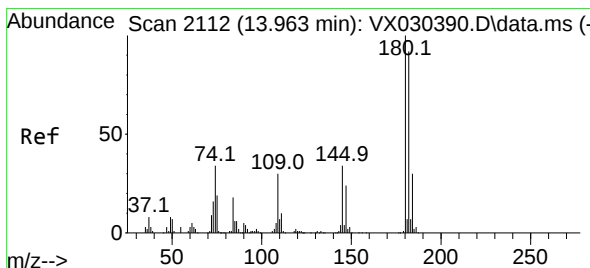
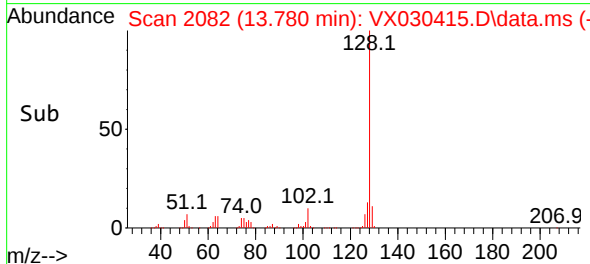
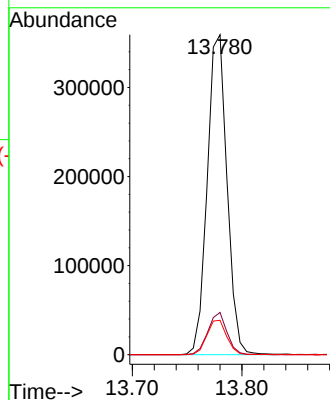
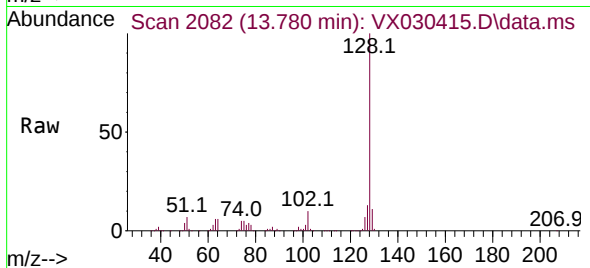




#71
Naphthalene
Concen: 53.970 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

Instrument :
MSVOA_X
ClientSampleId :
VSTD050764

Tgt Ion:128 Resp: 450862
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 49.460 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX030415.D
Acq: 05 Aug 2022 00:27

Tgt Ion:180 Resp: 105437
Ion Ratio Lower Upper
180 100
182 93.3 74.6 112.0
145 35.9 28.4 42.6

