

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029455.D
 Acq On : 14 Jun 2022 08:05
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050756

Quant Time: Jun 14 08:27:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 14 06:26:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	379713	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	351442	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	182154	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	139282	47.375	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.760%
7) Chloroethane-d5	1.666	69	104917	57.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.840%
11) 1,1-Dichloroethene-d2	2.307	63	256199	48.367	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.740%
21) 2-Butanone-d5	4.459	46	231775	103.979	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.980%
24) Chloroform-d	5.062	84	279670	49.823	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.640%
26) 1,2-Dichloroethane-d4	5.958	65	172714	47.590	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.180%
32) Benzene-d6	5.977	84	546198	49.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.520%
36) 1,2-Dichloropropane-d6	7.312	67	163385	50.816	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.640%
41) Toluene-d8	8.653	98	501091	48.418	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.840%
43) trans-1,3-Dichloroprop...	8.952	79	67756	42.737	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.480%
47) 2-Hexanone-d5	9.385	63	185031	106.398	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.400%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	244771	51.918	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.840%
66) 1,2-Dichlorobenzene-d4	12.323	152	193094	50.988	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	170978	46.929	ug/L	99
3) Chloromethane	1.288	50	163571	47.871	ug/L	98
5) Vinyl chloride	1.374	62	161211	48.742	ug/L	98
6) Bromomethane	1.612	94	71363	45.985	ug/L	99
8) Chloroethane	1.685	64	94426	55.678	ug/L	96
9) Trichlorofluoromethane	1.886	101	222682	47.085	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	129649	46.560	ug/L	98
12) 1,1-Dichloroethene	2.319	96	125530	48.756	ug/L	88
13) Acetone	2.386	43	135923	91.490	ug/L	95
14) Carbon disulfide	2.514	76	325778	46.141	ug/L	100
15) Methyl Acetate	2.709	43	149252	50.642	ug/L	93
16) Methylene chloride	2.788	84	142827	50.058	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	133828	48.535	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	444679	48.147	ug/L	97
19) 1,1-Dichloroethane	3.611	63	242025	49.692	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	154624	49.615	ug/L	93
22) 2-Butanone	4.562	43	222393	99.439	ug/L	94
23) Bromochloromethane	4.904	128	76681	49.713	ug/L	95
25) Chloroform	5.099	83	266649	49.509	ug/L	98

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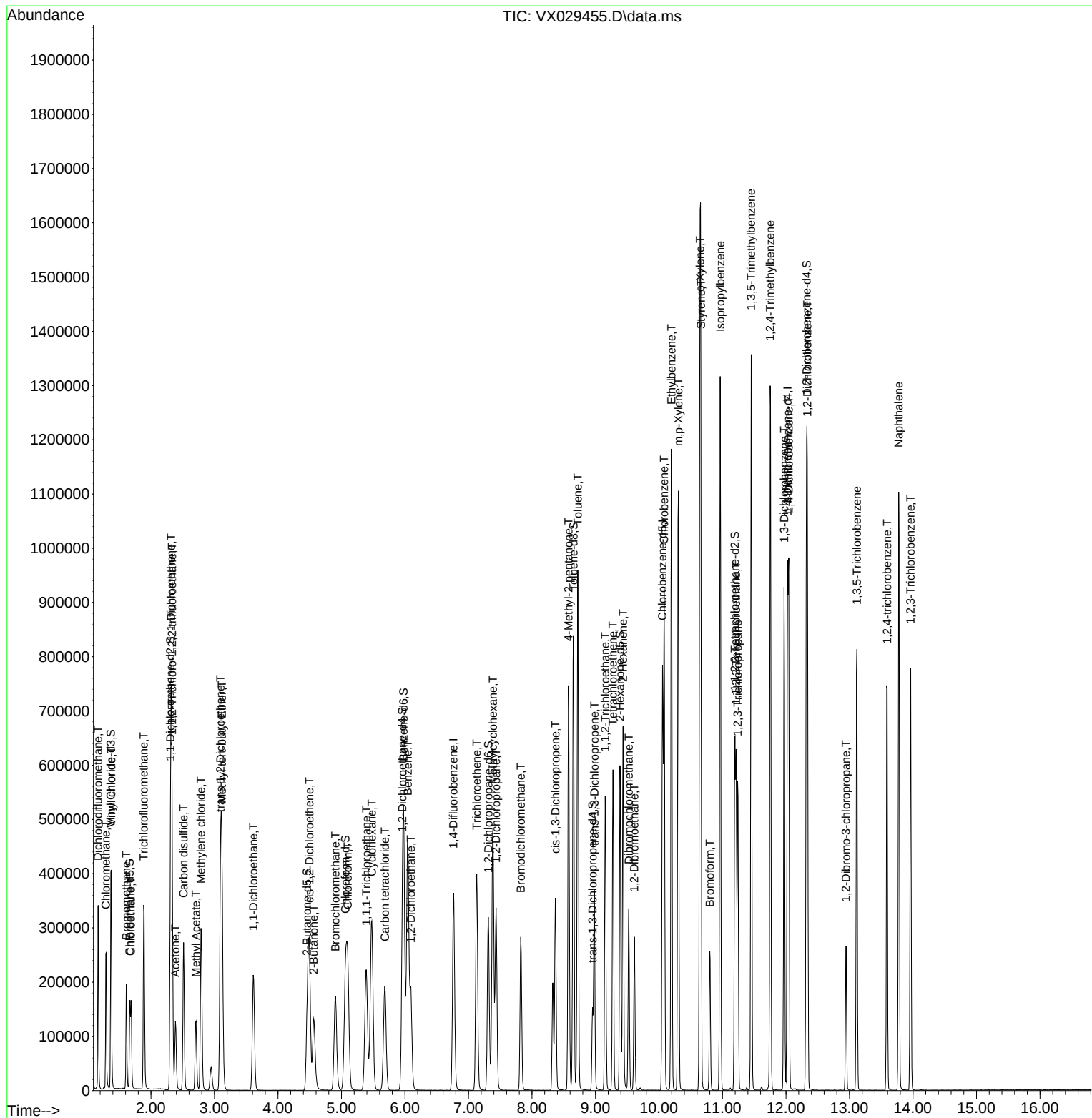
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	197576	48.013	ug/L	99
29) Cyclohexane	5.477	56	224865	47.936	ug/L	93
30) 1,1,1-Trichloroethane	5.391	97	228610	46.903	ug/L	98
31) Carbon tetrachloride	5.684	117	182718	46.702	ug/L	99
33) Benzene	6.044	78	574828	50.018	ug/L	100
34) Trichloroethene	7.129	95	159833	39.461	ug/L	98
35) Methylcyclohexane	7.385	83	236690	46.289	ug/L	97
37) 1,2-Dichloropropane	7.434	63	140133	50.016	ug/L	100
38) Bromodichloromethane	7.824	83	189360	47.482	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	196580	43.899	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	426307	101.791	ug/L	94
42) Toluene	8.720	91	621017	49.589	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	181992	43.328	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	145568	49.189	ug/L	100
46) Tetrachloroethene	9.275	164	108537	46.683	ug/L	95
48) 2-Hexanone	9.433	43	333921	102.931	ug/L	93
49) Dibromochloromethane	9.525	129	144098	46.702	ug/L	99
50) 1,2-Dibromoethane	9.610	107	154142	48.807	ug/L	99
51) Chlorobenzene	10.080	112	392189	49.333	ug/L	98
52) Ethylbenzene	10.195	91	682037	49.763	ug/L	100
53) m,p-Xylene	10.305	106	267734	49.765	ug/L	94
54) o-Xylene	10.647	106	264038	49.761	ug/L	98
55) Styrene	10.659	104	453257	50.810	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.214	83	232842	50.771	ug/L	97
59) Bromoform	10.799	173	94867	46.774	ug/L	99
60) Isopropylbenzene	10.964	105	692641	48.683	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	186874	49.051	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	593492	48.843	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	587612	48.705	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	287851	48.839	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	288266	48.450	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	297491	50.044	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	51280	48.939	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	193354	47.940	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	176475	48.583	ug/L	99
71) Naphthalene	13.774	128	680585	50.874	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	178511	48.648	ug/L	98

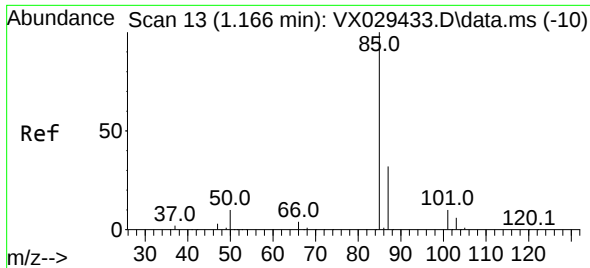
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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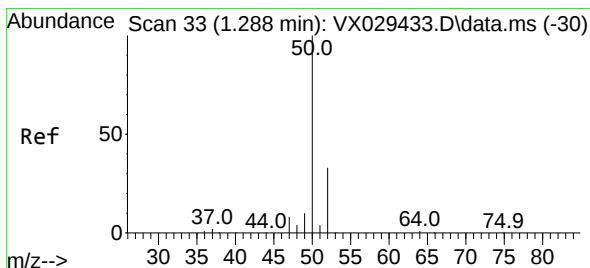
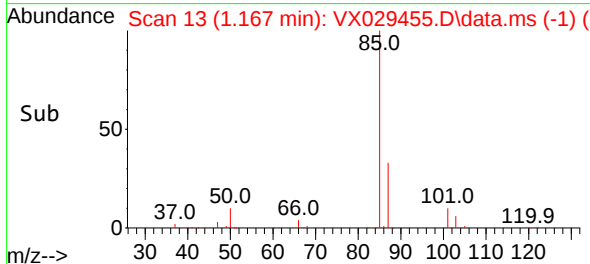
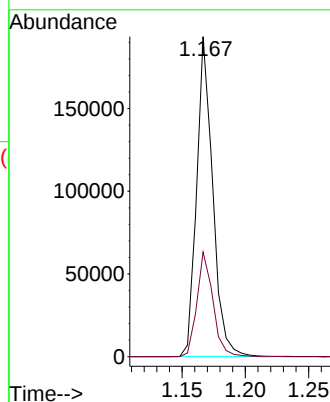
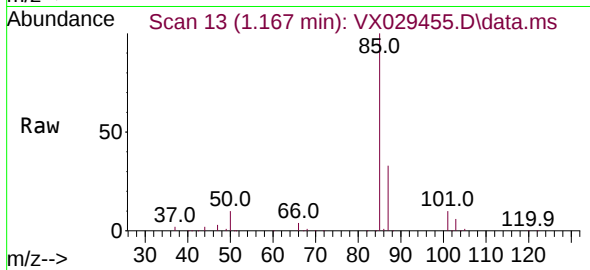




#2
 Dichlorodifluoromethane
 Concen: 46.929 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029455.D
 Acq: 14 Jun 2022 08:05

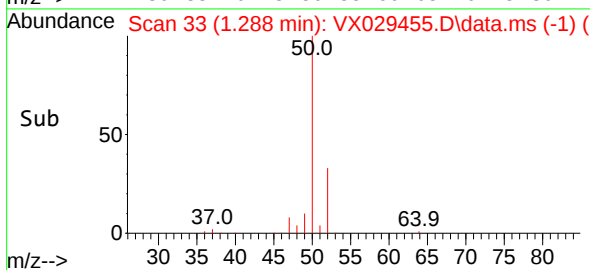
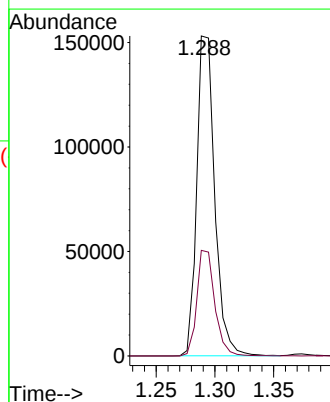
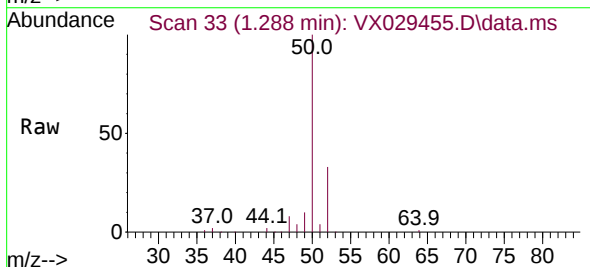
Instrument :
 MSVOA_X
 ClientSampleId :
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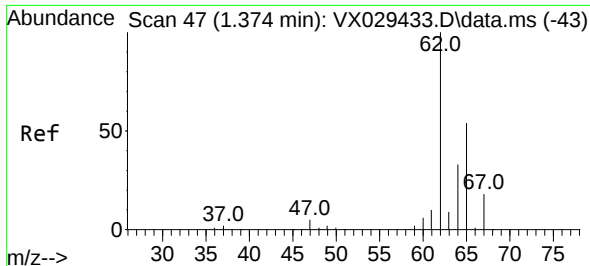
Tgt Ion: 85 Resp: 170978
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.9 38.9



#3
 Chloromethane
 Concen: 47.871 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: VX029455.D
 Acq: 14 Jun 2022 08:05

Tgt Ion: 50 Resp: 163571
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.5 41.7

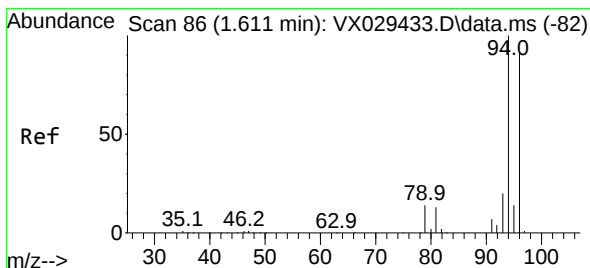
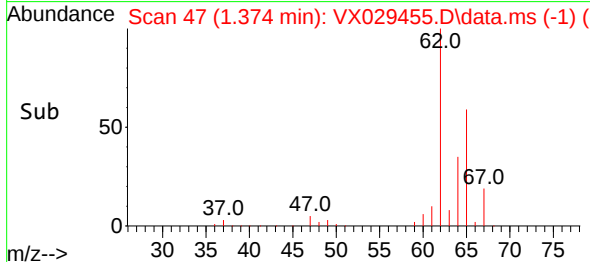
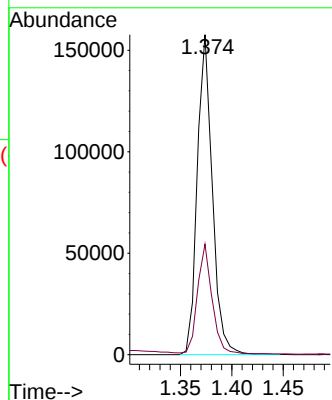
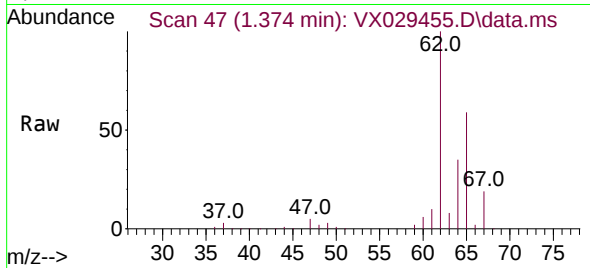




#5
 Vinyl chloride
 Concen: 48.742 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX029455.D
 Acq: 14 Jun 2022 08:05

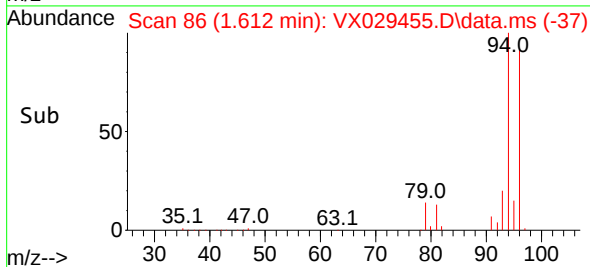
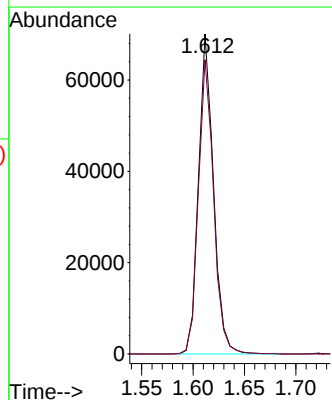
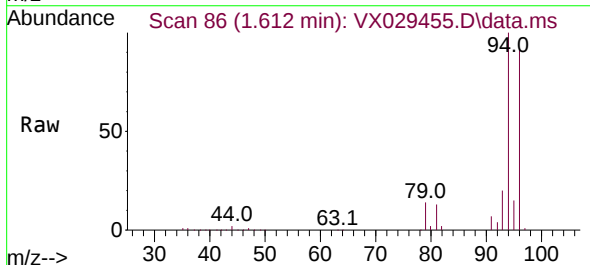
Instrument :
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 ClientSampleId :
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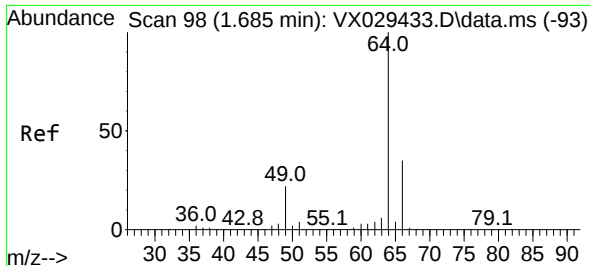
Tgt Ion: 62 Resp: 161211
 Ion Ratio Lower Upper
 62 100
 64 34.6 23.3 43.3



#6
 Bromomethane
 Concen: 45.985 ug/L
 RT: 1.612 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX029455.D
 Acq: 14 Jun 2022 08:05

Tgt Ion: 94 Resp: 71363
 Ion Ratio Lower Upper
 94 100
 96 92.0 64.9 120.5

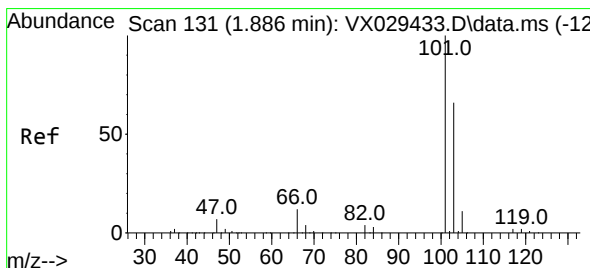
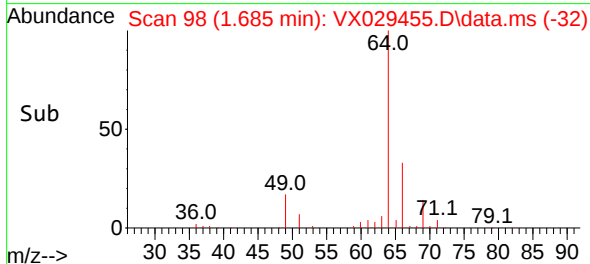
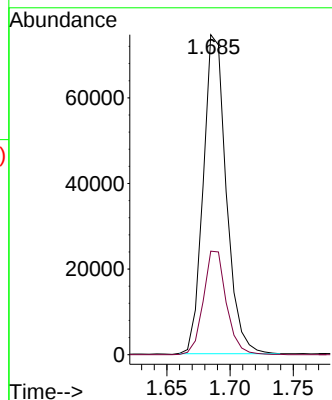
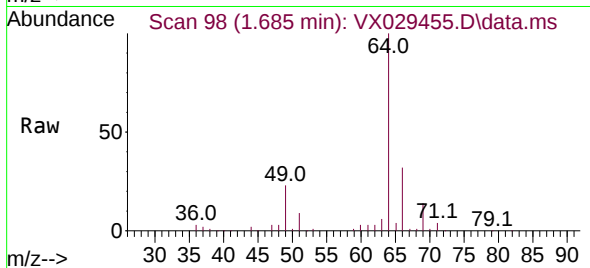




#8
Chloroethane
Concen: 55.678 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

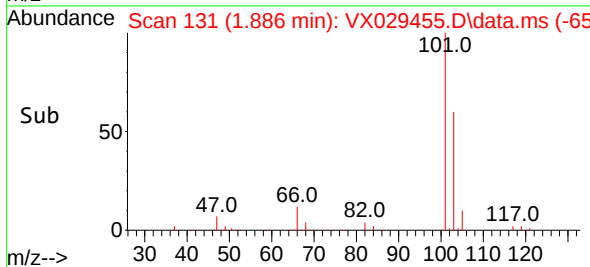
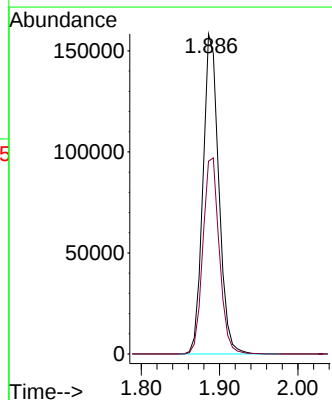
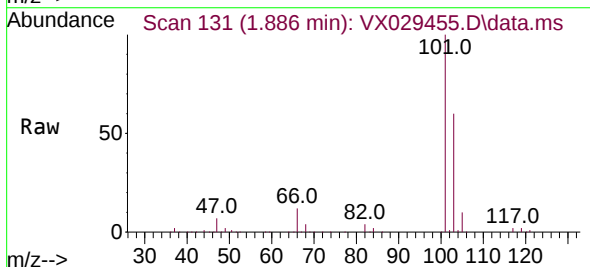
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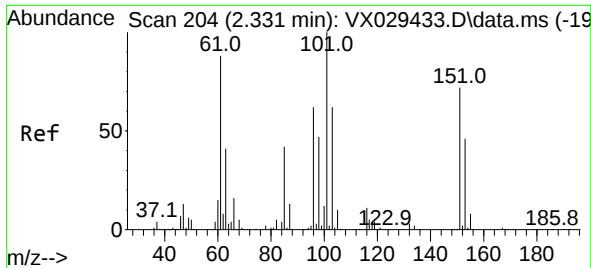
Tgt Ion: 64 Resp: 94426
Ion Ratio Lower Upper
64 100
66 32.4 24.2 45.0



#9
Trichlorofluoromethane
Concen: 47.085 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

Tgt Ion: 101 Resp: 222682
Ion Ratio Lower Upper
101 100
103 63.4 51.8 77.8

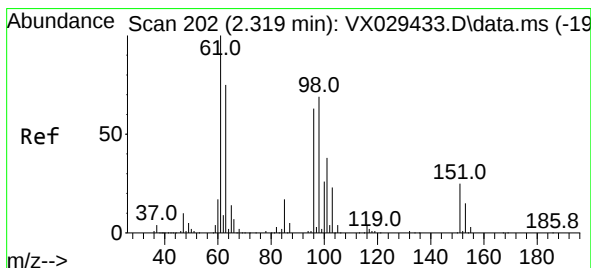
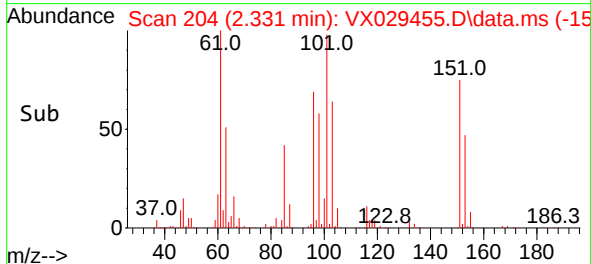
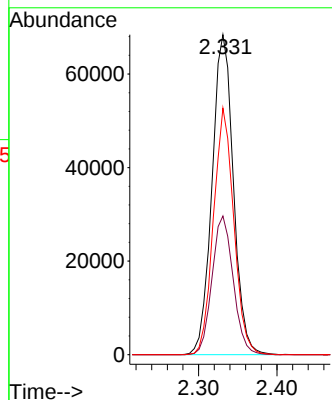
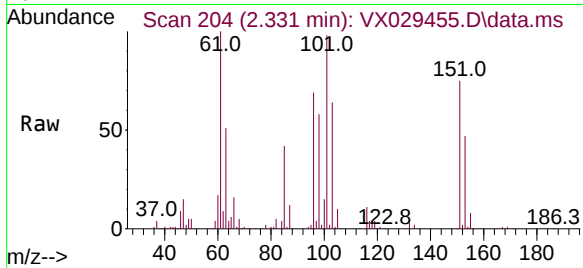




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.560 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX029455.D
 Acq: 14 Jun 2022 08:05

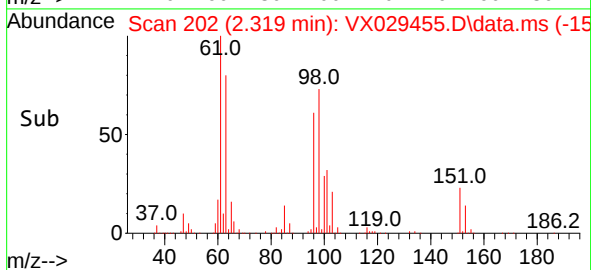
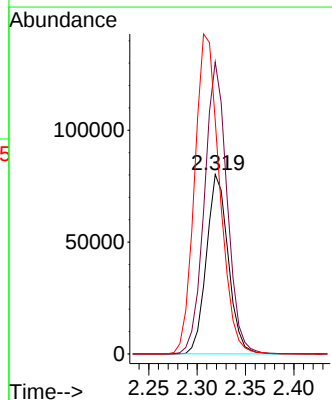
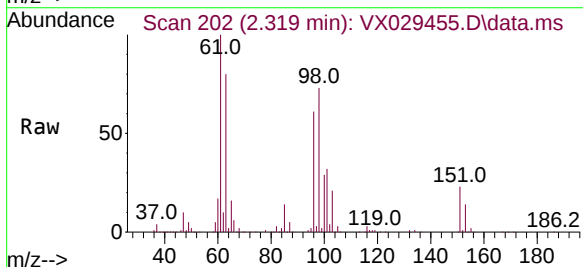
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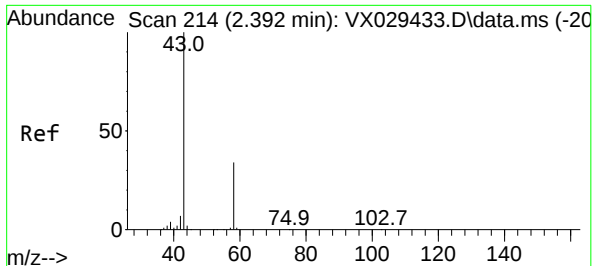
Tgt Ion: 101 Resp: 129649
 Ion Ratio Lower Upper
 101 100
 85 42.9 33.9 50.9
 151 73.4 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 48.756 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX029455.D
 Acq: 14 Jun 2022 08:05

Tgt Ion: 96 Resp: 125530
 Ion Ratio Lower Upper
 96 100
 61 162.7 118.2 219.4
 63 130.0 109.6 203.4





#13

Acetone

Concen: 91.490 ug/L

RT: 2.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX029455.D

Acq: 14 Jun 2022 08:05

Instrument :

MSVOA_X

ClientSampleId :

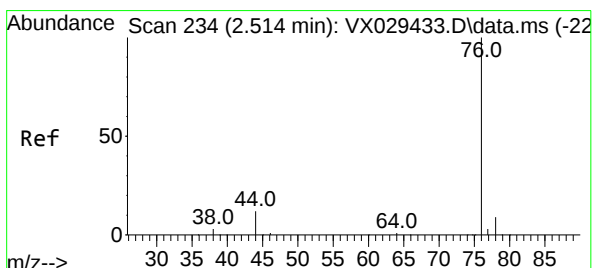
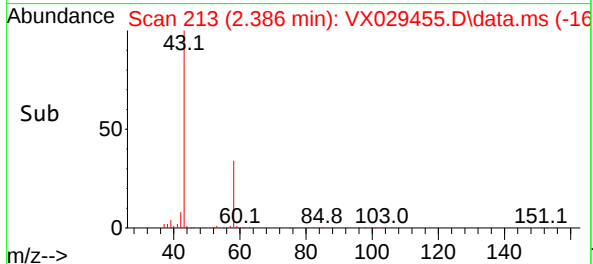
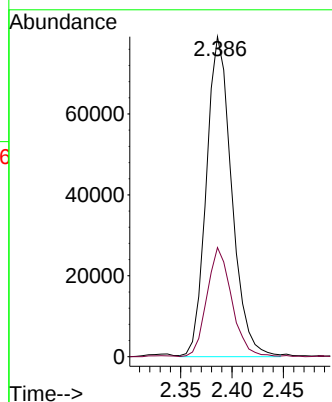
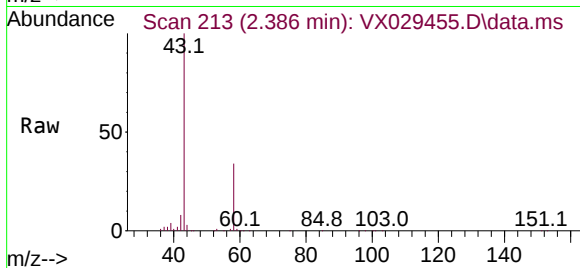
VSTD050756

Tgt Ion: 43 Resp: 135923

Ion Ratio Lower Upper

43 100

58 33.2 0.0 61.4



#14

Carbon disulfide

Concen: 46.141 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX029455.D

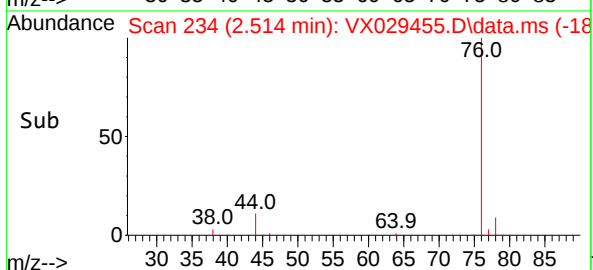
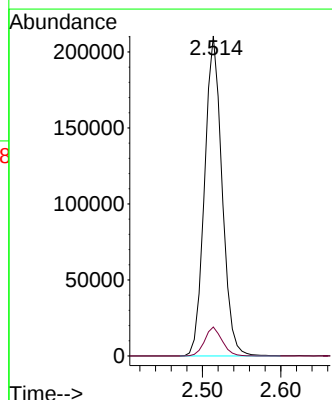
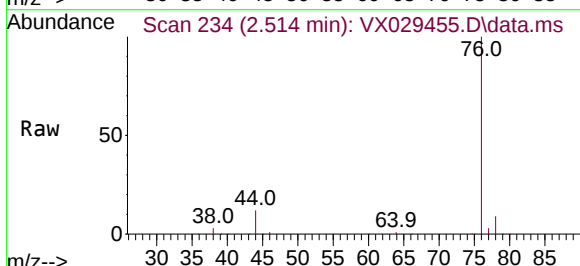
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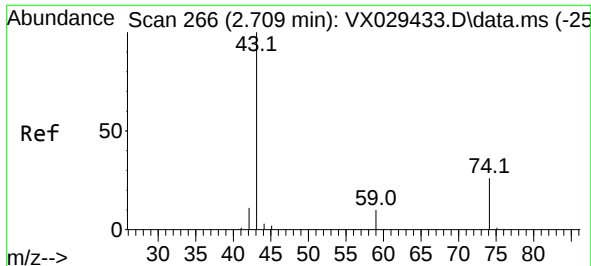
Tgt Ion: 76 Resp: 325778

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

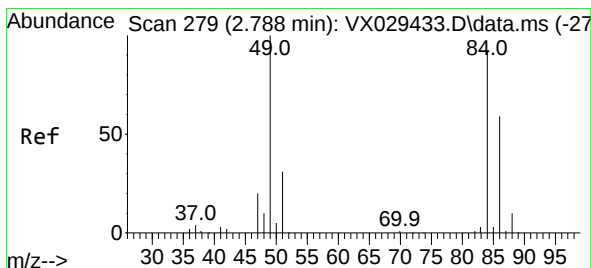
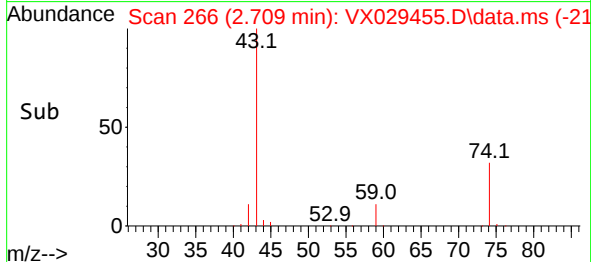
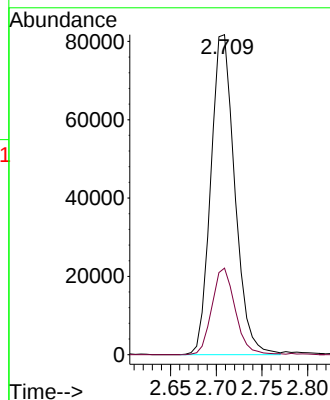
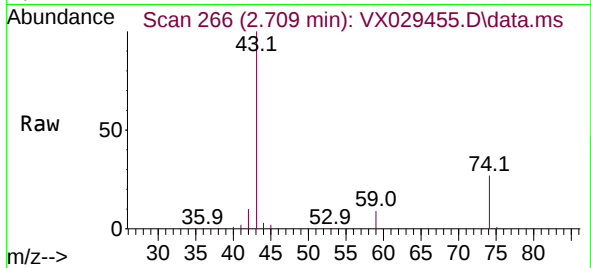




#15
Methyl Acetate
Concen: 50.642 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

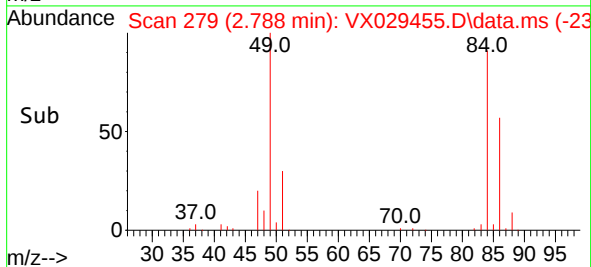
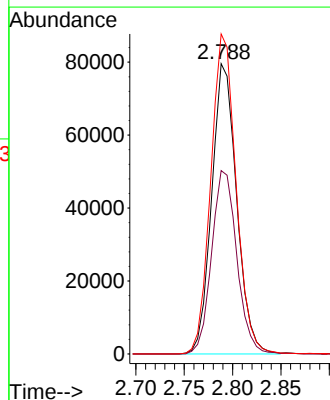
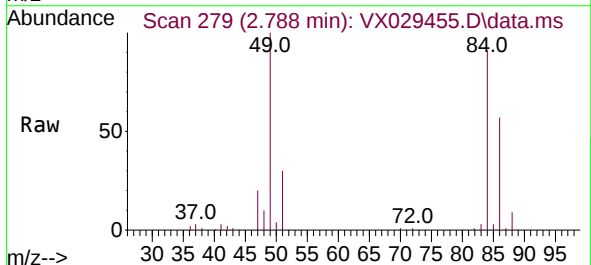
Instrument :
MSVOA_X
ClientSampleId :
VSTD050756

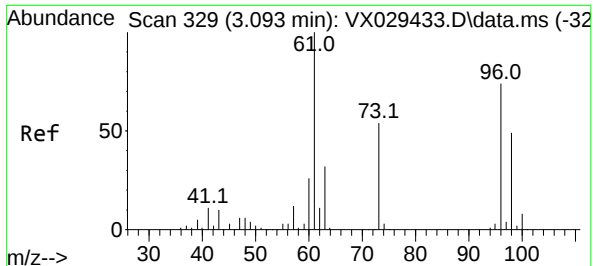
Tgt Ion: 43 Resp: 149252
Ion Ratio Lower Upper
43 100
74 26.3 18.2 27.4



#16
Methylene chloride
Concen: 50.058 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

Tgt Ion: 84 Resp: 142827
Ion Ratio Lower Upper
84 100
86 63.2 44.8 83.2
49 110.3 87.0 161.6





#17

trans-1,2-Dichloroethene

Concen: 48.535 ug/L

RT: 3.093 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX029455.D

Acq: 14 Jun 2022 08:05

Instrument :

MSVOA_X

ClientSampleId :

VSTD050756

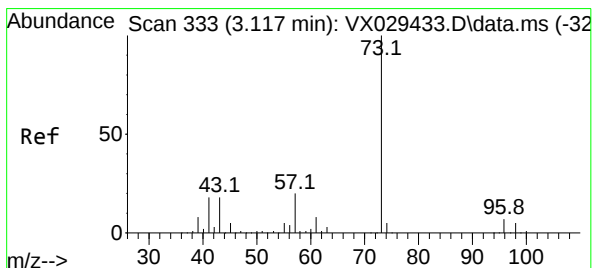
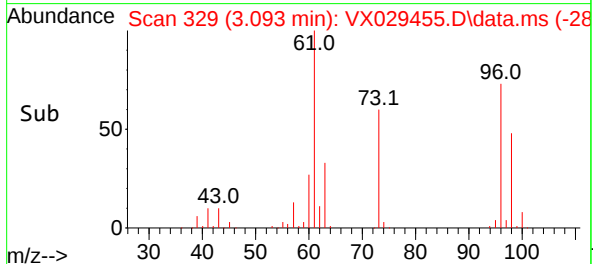
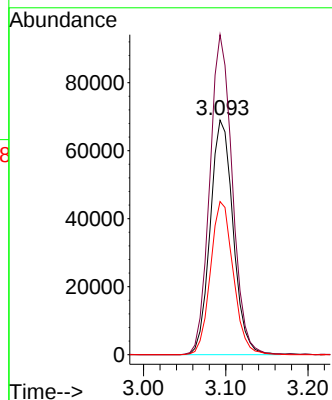
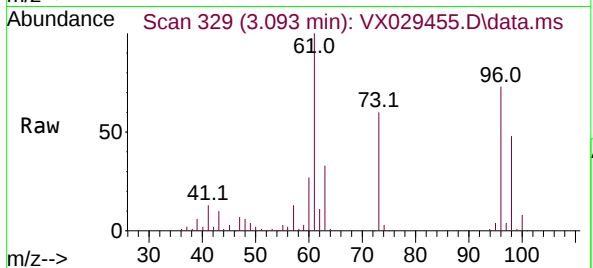
Tgt Ion: 96 Resp: 133828

Ion Ratio Lower Upper

96 100

61 136.4 93.0 172.6

98 65.3 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 48.147 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX029455.D

Acq: 14 Jun 2022 08:05

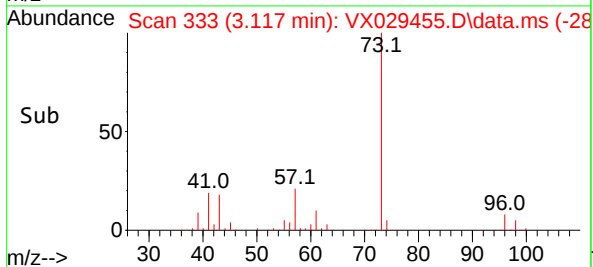
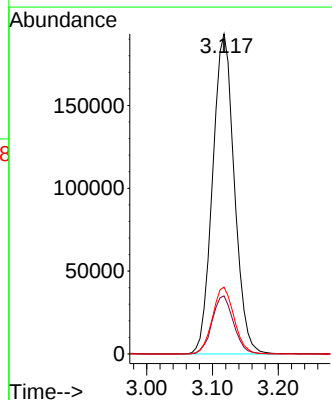
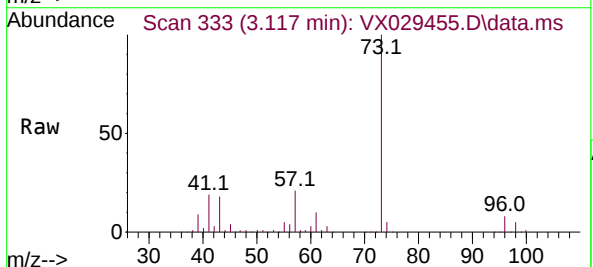
Tgt Ion: 73 Resp: 444679

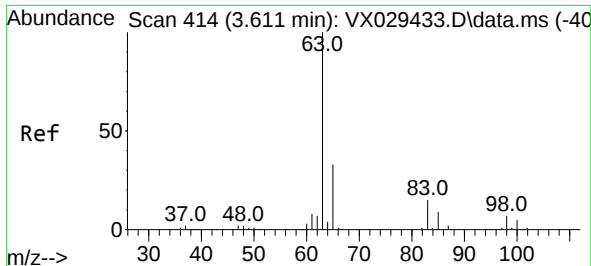
Ion Ratio Lower Upper

73 100

43 17.9 16.2 24.4

57 20.8 17.1 25.7





#19

1,1-Dichloroethane

Concen: 49.692 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX029455.D

Acq: 14 Jun 2022 08:05

Instrument :

MSVOA_X

ClientSampleId :

VSTD050756

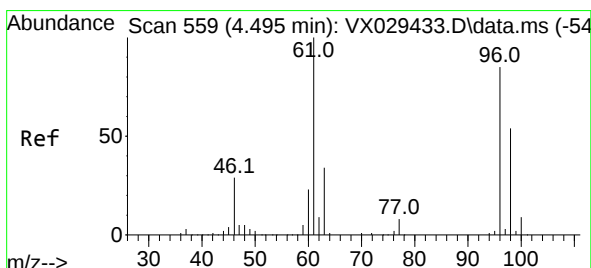
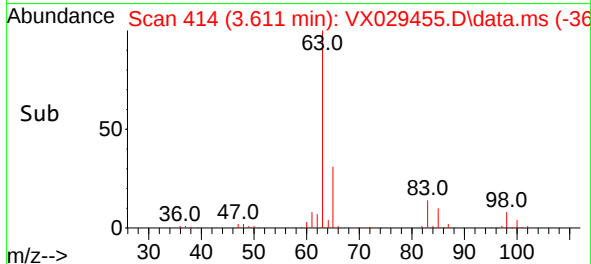
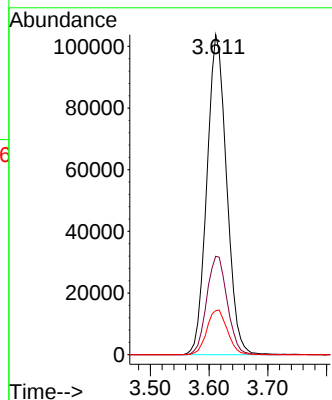
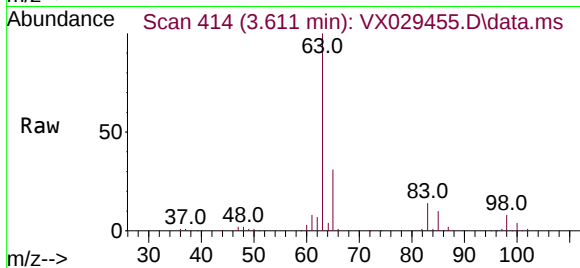
Tgt Ion: 63 Resp: 242025

Ion Ratio Lower Upper

63 100

65 30.8 22.9 42.5

83 13.8 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 49.615 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX029455.D

Acq: 14 Jun 2022 08:05

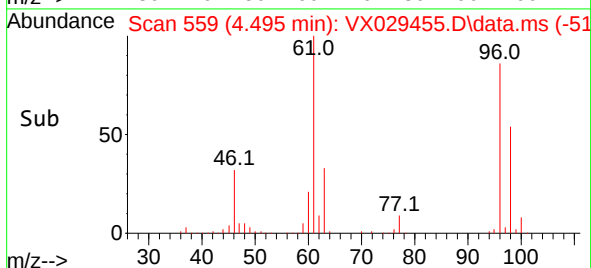
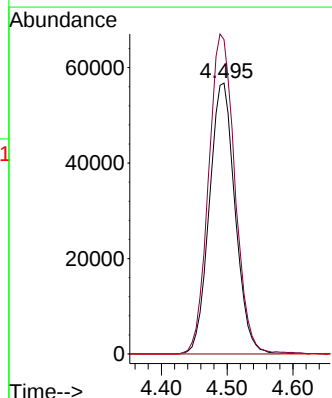
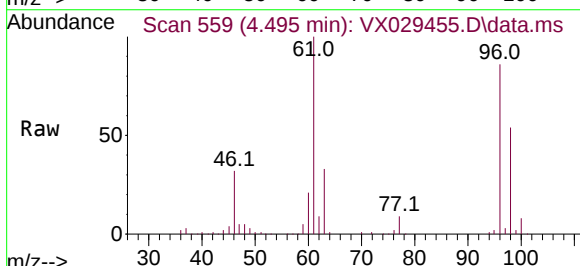
Tgt Ion: 96 Resp: 154624

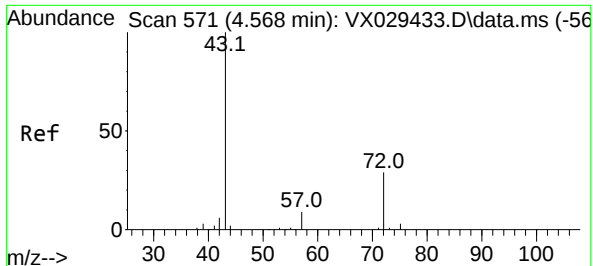
Ion Ratio Lower Upper

96 100

61 116.0 86.7 161.1

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 99.439 ug/L

RT: 4.562 min Scan# 571

Delta R.T. -0.006 min

Lab File: VX029455.D

Acq: 14 Jun 2022 08:05

Instrument :

MSVOA_X

ClientSampleId :

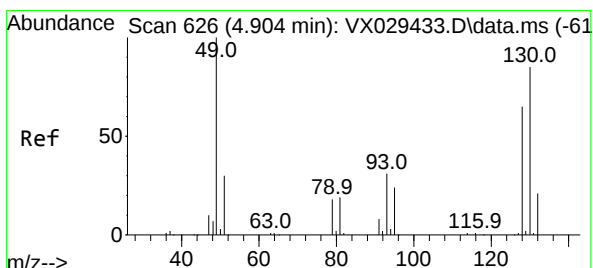
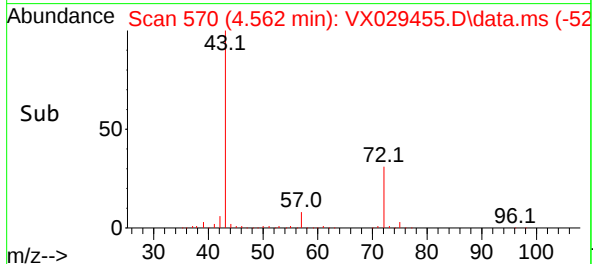
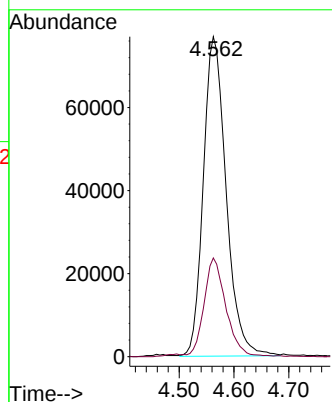
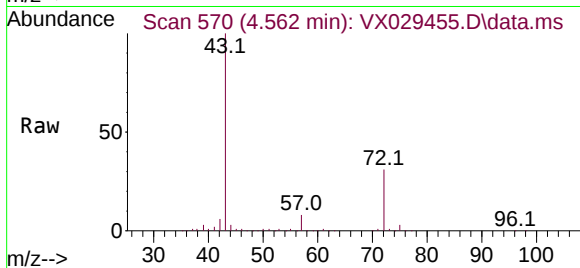
VSTD050756

Tgt Ion: 43 Resp: 222393

Ion Ratio Lower Upper

43 100

72 29.6 13.2 39.5



#23

Bromochloromethane

Concen: 49.713 ug/L

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX029455.D

Acq: 14 Jun 2022 08:05

Tgt Ion: 128 Resp: 76681

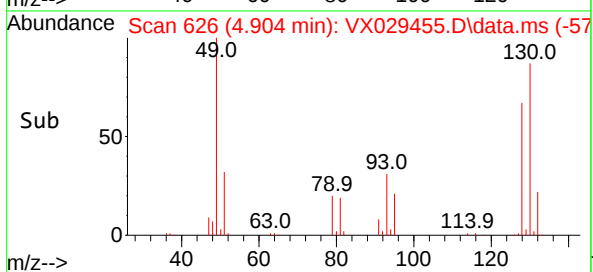
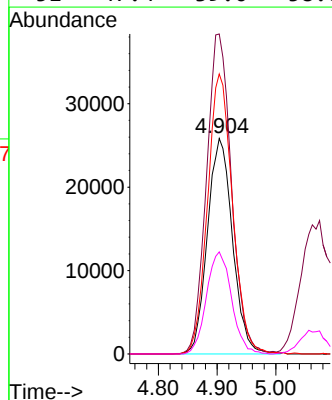
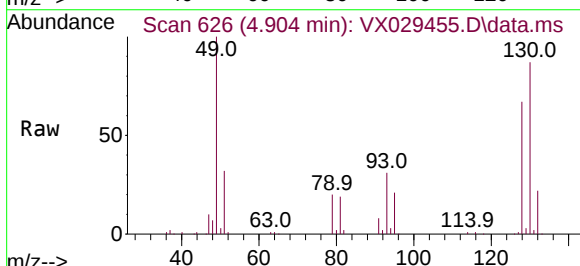
Ion Ratio Lower Upper

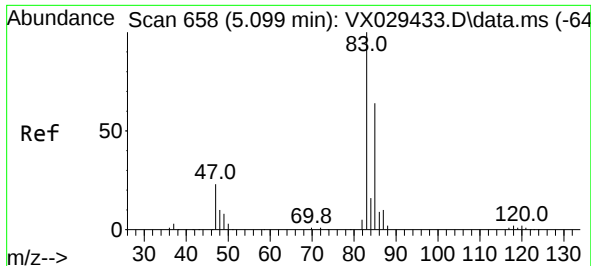
128 100

49 148.4 110.2 204.6

130 129.9 88.2 163.8

51 47.4 39.0 58.6





#25

Chloroform

Concen: 49.509 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX029455.D

Acq: 14 Jun 2022 08:05

Instrument :

MSVOA_X

ClientSampleId :

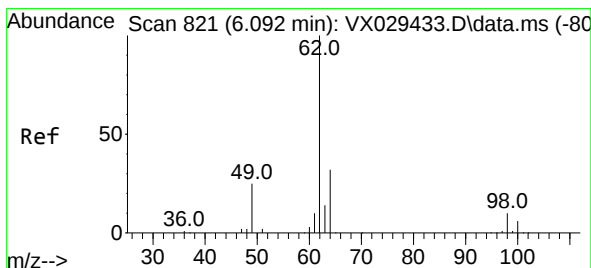
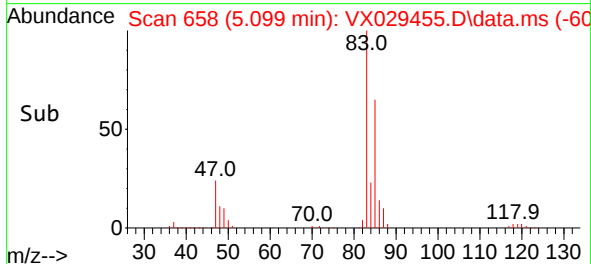
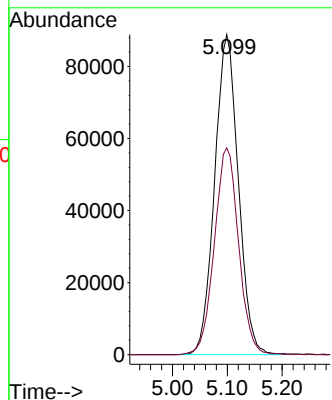
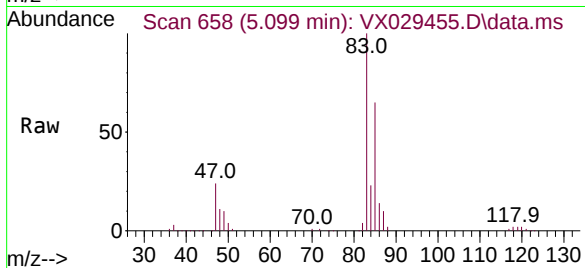
VSTD050756

Tgt Ion: 83 Resp: 266649

Ion Ratio Lower Upper

83 100

85 64.7 44.2 82.2



#27

1,2-Dichloroethane

Concen: 48.013 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX029455.D

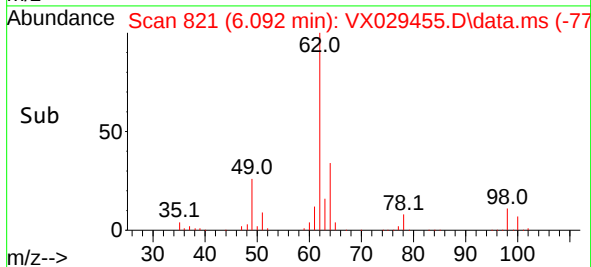
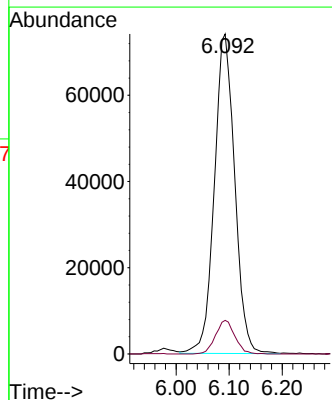
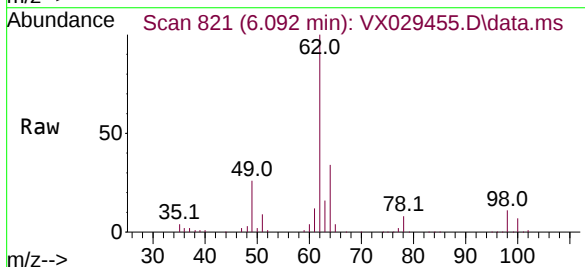
Acq: 14 Jun 2022 08:05

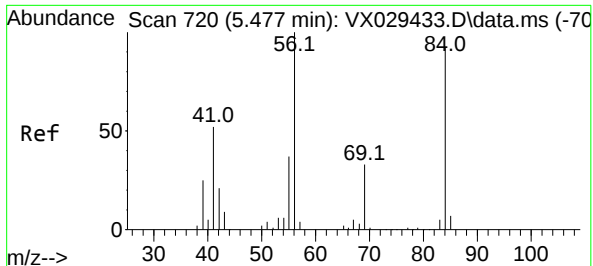
Tgt Ion: 62 Resp: 197576

Ion Ratio Lower Upper

62 100

98 10.5 8.2 12.2





#29

Cyclohexane

Concen: 47.936 ug/L

RT: 5.477 min Scan# 720

Delta R.T. 0.000 min

Lab File: VX029455.D

Acq: 14 Jun 2022 08:05

Instrument :

MSVOA_X

ClientSampleId :

VSTD050756

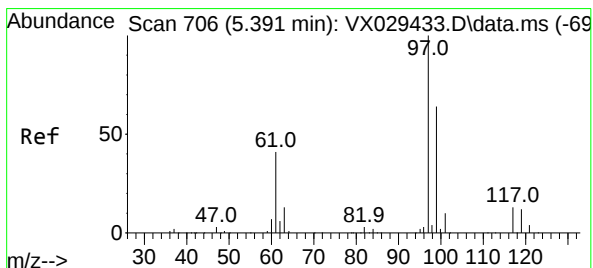
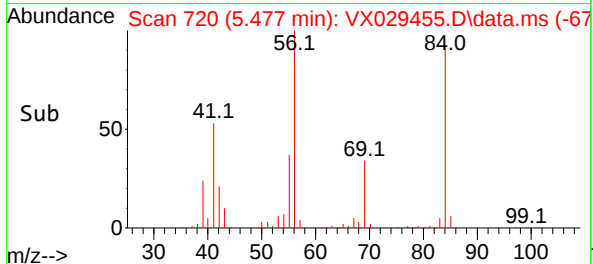
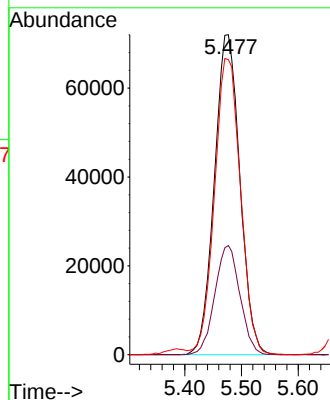
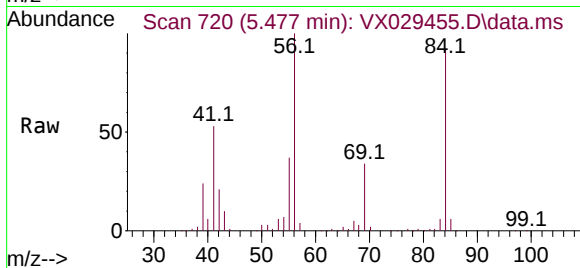
Tgt Ion: 56 Resp: 224865

Ion Ratio Lower Upper

56 100

69 33.5 24.6 36.8

84 94.3 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 46.903 ug/L

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029455.D

Acq: 14 Jun 2022 08:05

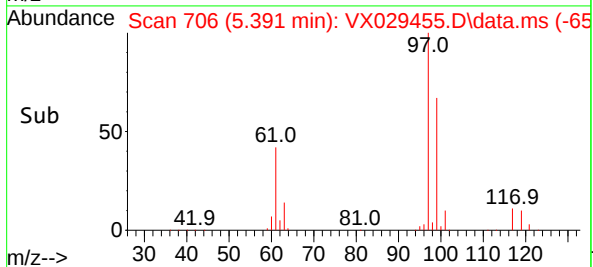
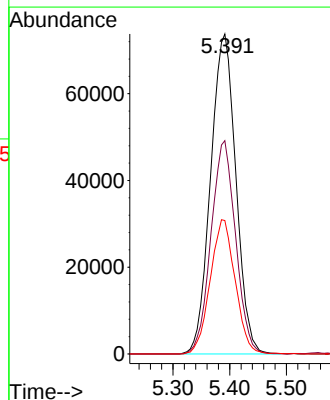
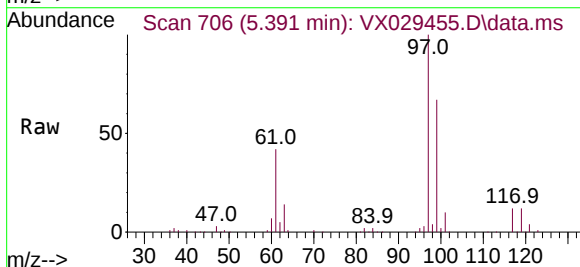
Tgt Ion: 97 Resp: 228610

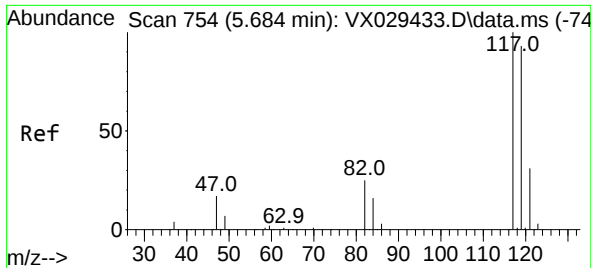
Ion Ratio Lower Upper

97 100

99 64.9 51.5 77.3

61 41.4 35.2 52.8

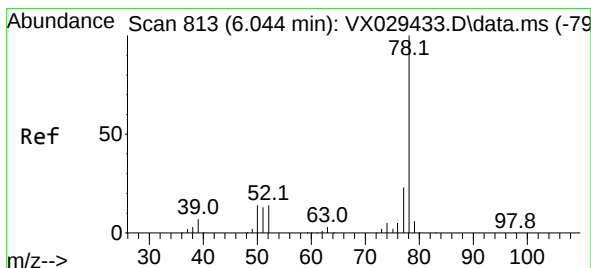
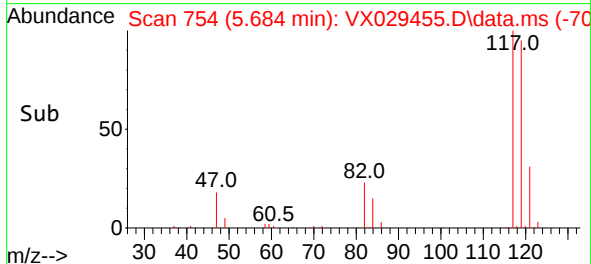
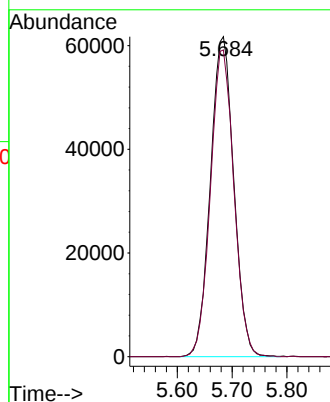
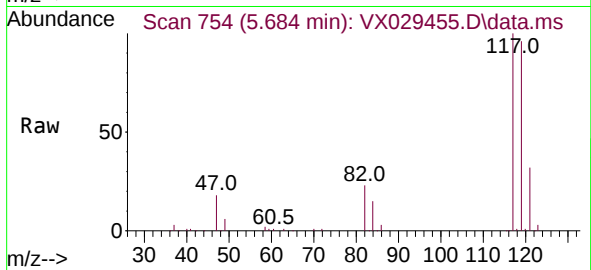




#31
Carbon tetrachloride
Concen: 46.702 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

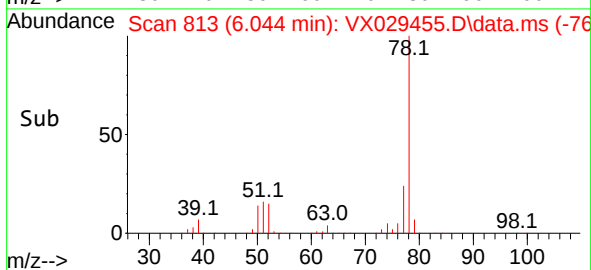
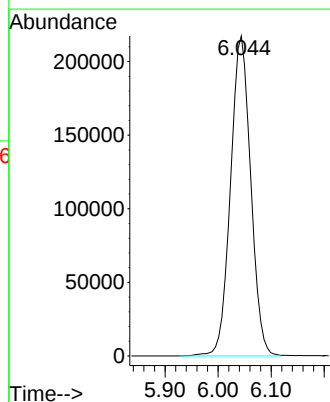
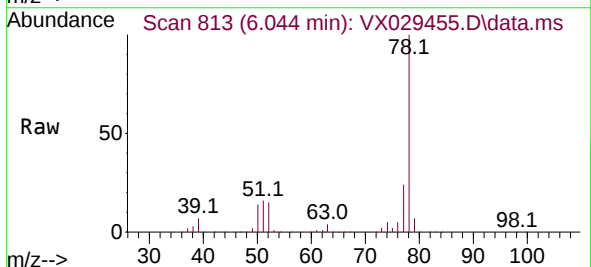
Instrument :
MSVOA_X
ClientSampleId :
VSTD050756

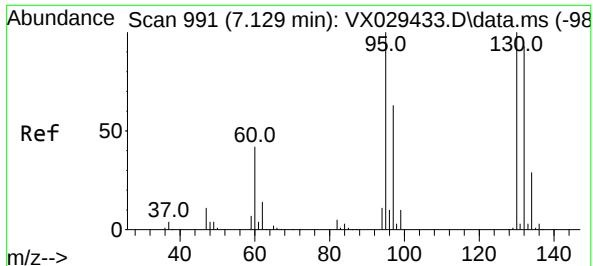
Tgt Ion:117 Resp: 182718
Ion Ratio Lower Upper
117 100
119 96.1 77.8 116.8



#33
Benzene
Concen: 50.018 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

Tgt Ion: 78 Resp: 574828

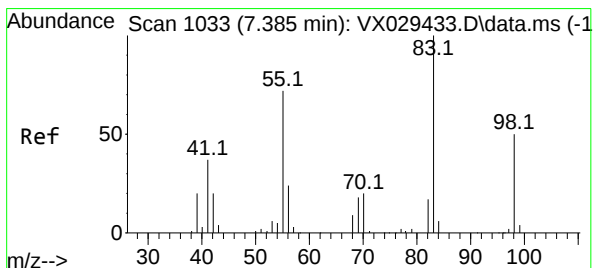
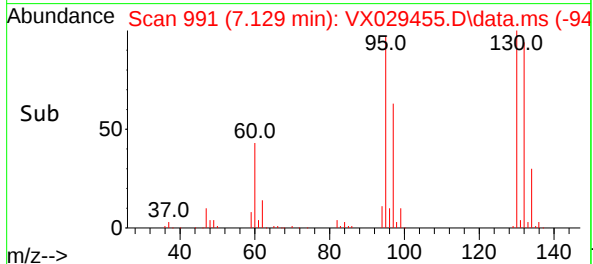
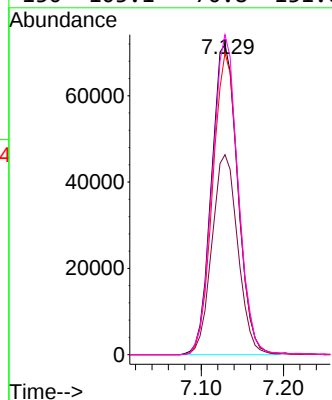
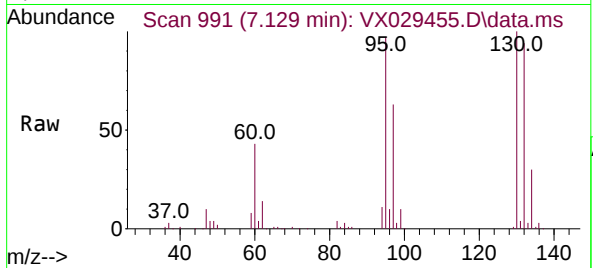




#34
Trichloroethene
Concen: 39.461 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

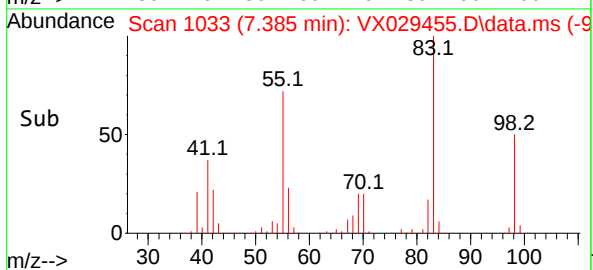
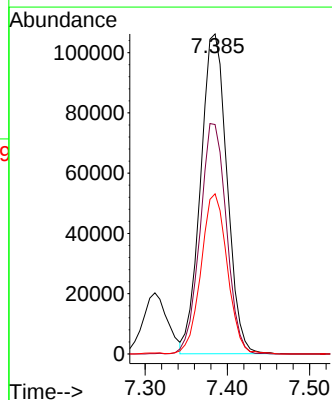
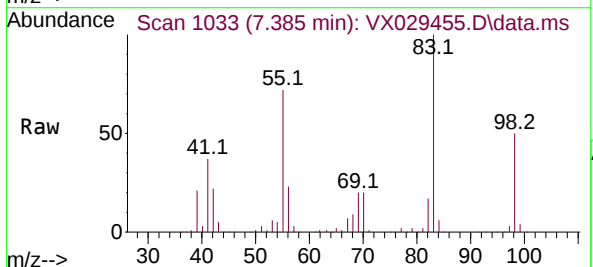
Instrument :
MSVOA_X
ClientSampleId :
VSTD050756

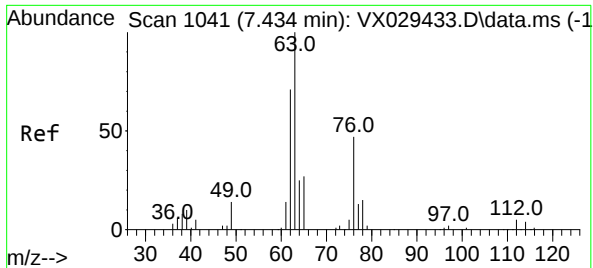
Tgt Ion: 95 Resp: 159833
Ion Ratio Lower Upper
95 100
97 64.5 45.5 84.5
132 97.3 69.9 129.7
130 103.1 70.8 131.6



#35
Methylcyclohexane
Concen: 46.289 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

Tgt Ion: 83 Resp: 236690
Ion Ratio Lower Upper
83 100
55 71.7 60.6 90.8
98 49.9 39.8 59.8





#37

1,2-Dichloropropane

Concen: 50.016 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX029455.D

Acq: 14 Jun 2022 08:05

Instrument :

MSVOA_X

ClientSampleId :

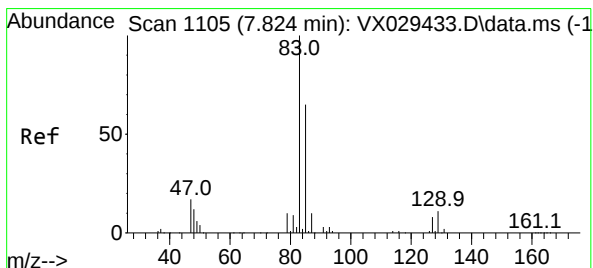
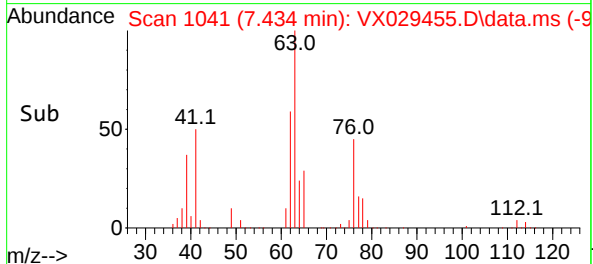
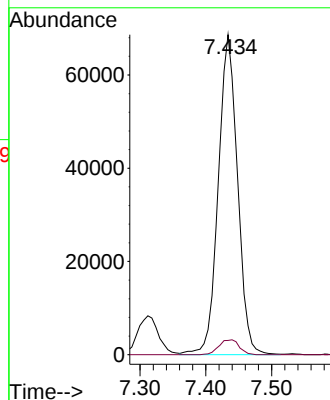
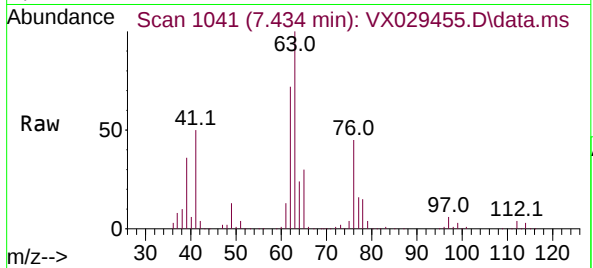
VSTD050756

Tgt Ion: 63 Resp: 140133

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 47.482 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX029455.D

Acq: 14 Jun 2022 08:05

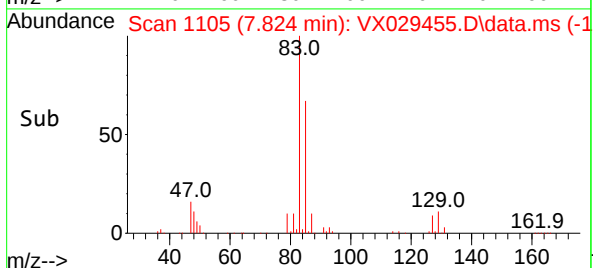
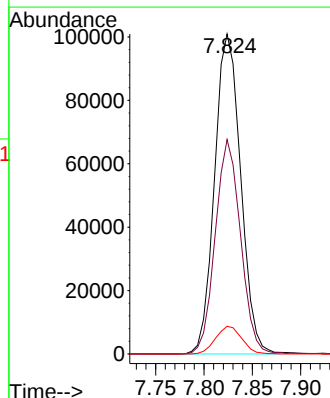
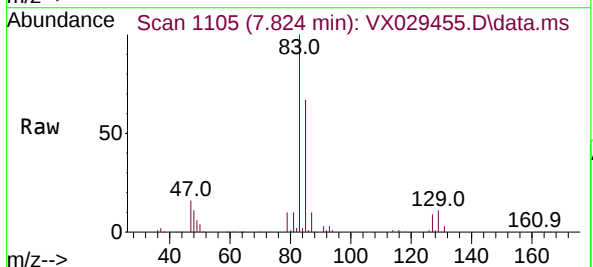
Tgt Ion: 83 Resp: 189360

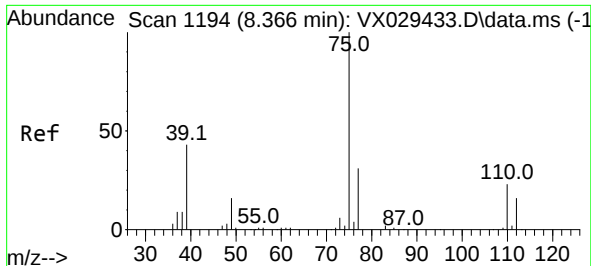
Ion Ratio Lower Upper

83 100

85 67.0 44.7 83.1

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 43.899 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX029455.D

Acq: 14 Jun 2022 08:05

Instrument :

MSVOA_X

ClientSampleId :

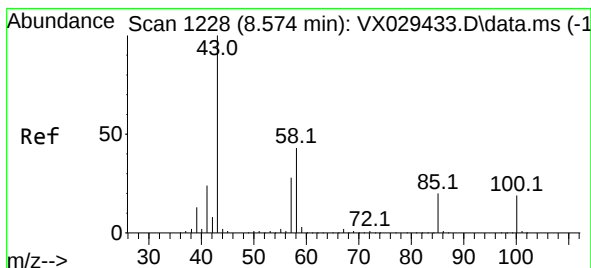
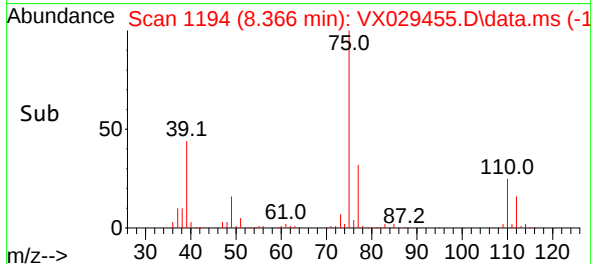
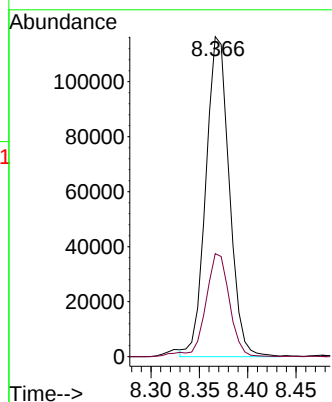
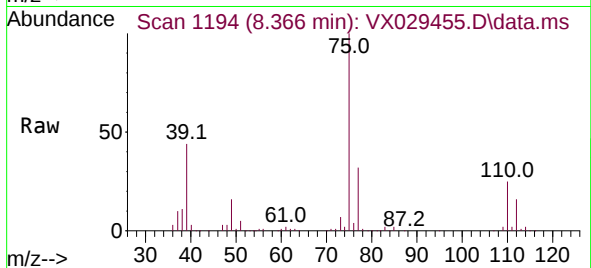
VSTD050756

Tgt Ion: 75 Resp: 196580

Ion Ratio Lower Upper

75 100

77 32.2 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 101.791 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX029455.D

Acq: 14 Jun 2022 08:05

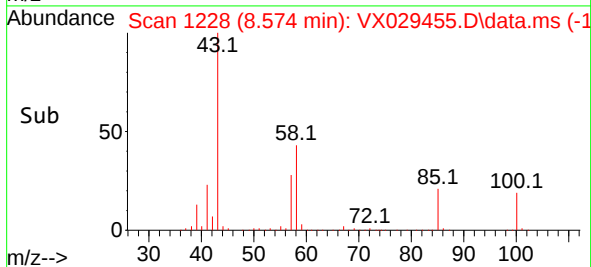
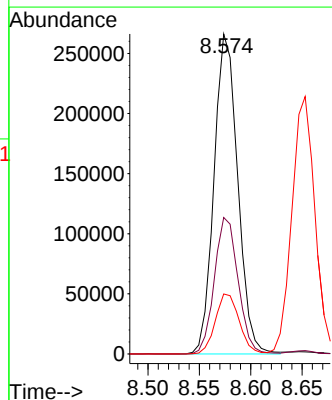
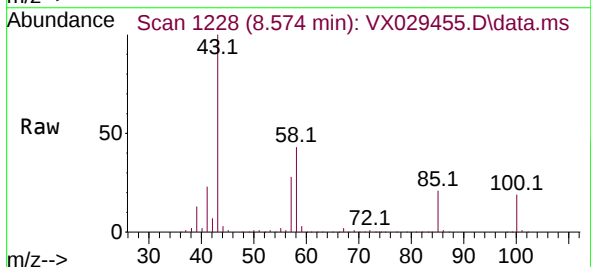
Tgt Ion: 43 Resp: 426307

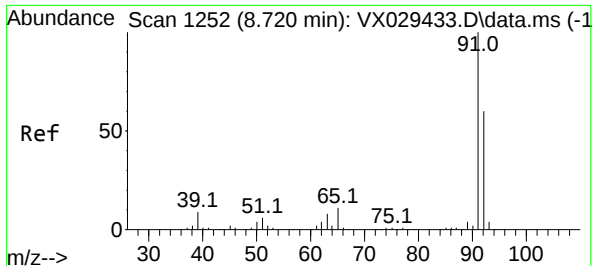
Ion Ratio Lower Upper

43 100

58 42.7 31.0 46.6

100 19.0 13.0 19.4





#42

Toluene

Concen: 49.589 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX029455.D

Acq: 14 Jun 2022 08:05

Instrument :

MSVOA_X

ClientSampleId :

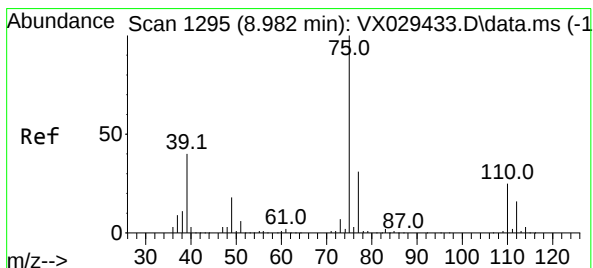
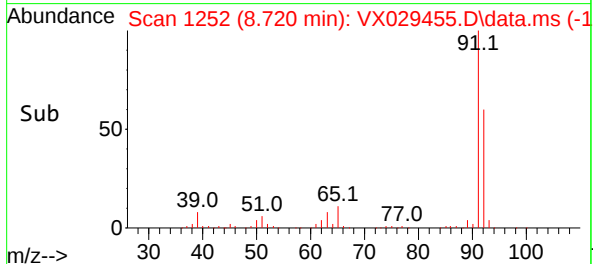
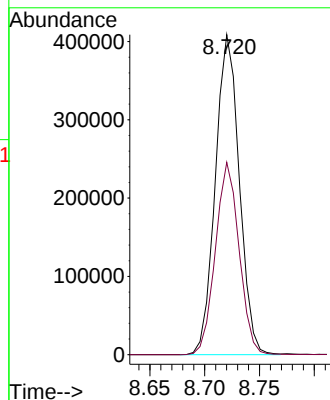
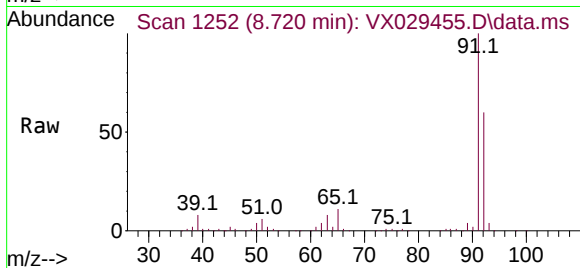
VSTD050756

Tgt Ion: 91 Resp: 621017

Ion Ratio Lower Upper

91 100

92 60.1 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 43.328 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX029455.D

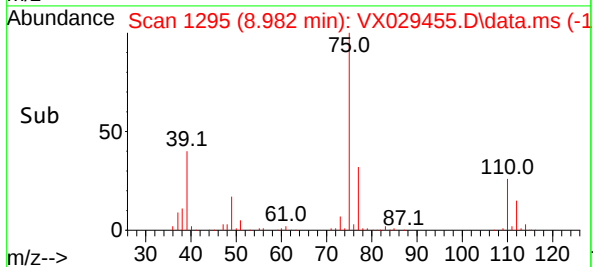
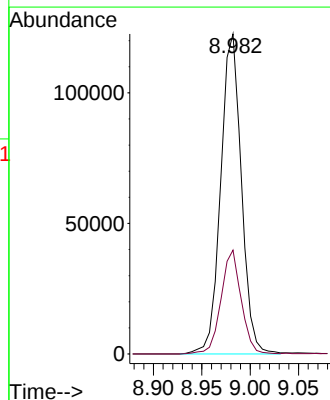
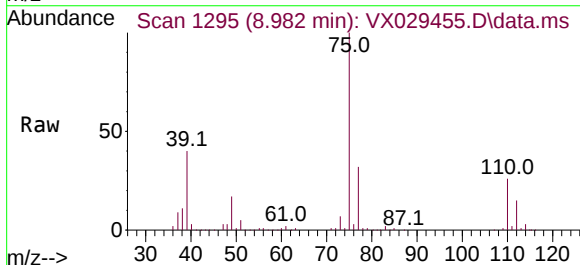
Acq: 14 Jun 2022 08:05

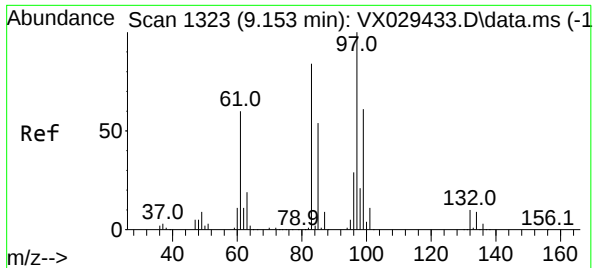
Tgt Ion: 75 Resp: 181992

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.3



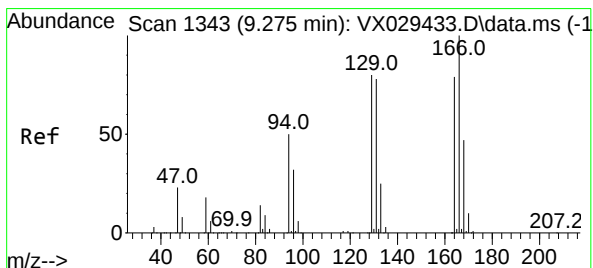
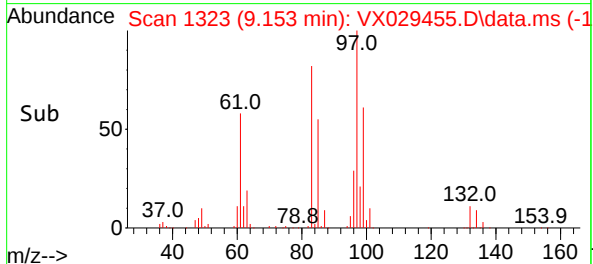
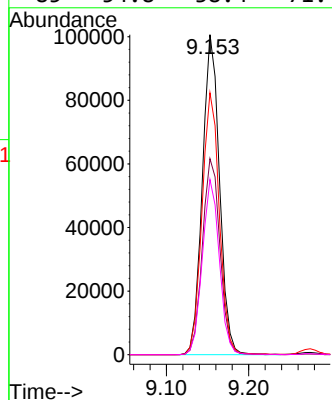
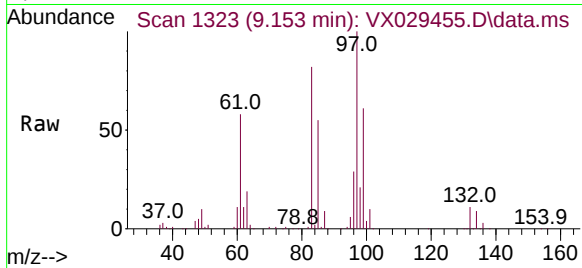


#45
1,1,2-Trichloroethane
Concen: 49.189 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

Instrument :
MSVOA_X
ClientSampleId :
VSTD050756

Tgt Ion: 97 Resp: 145568

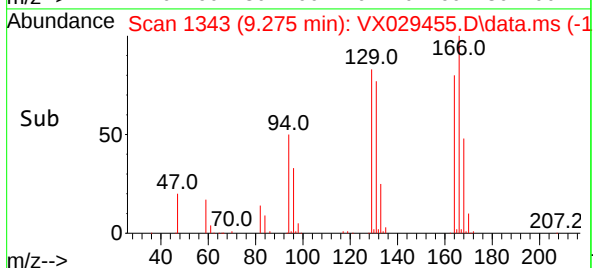
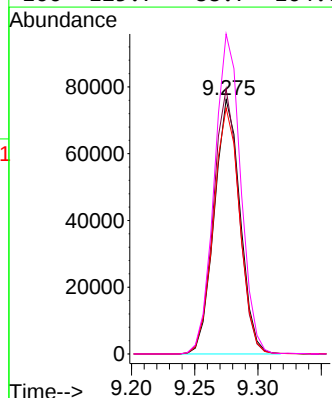
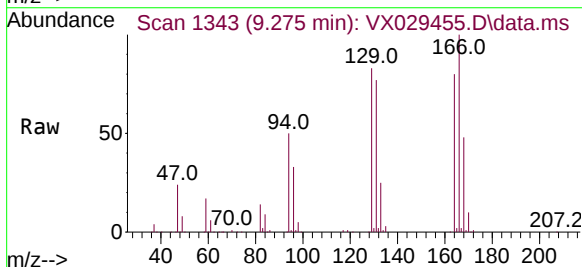
Ion	Ratio	Lower	Upper
97	100		
99	61.3	43.3	80.5
83	81.8	57.5	106.9
85	54.8	38.4	71.4

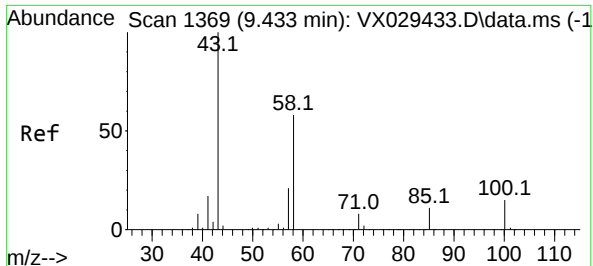


#46
Tetrachloroethene
Concen: 46.683 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

Tgt Ion: 164 Resp: 108537

Ion	Ratio	Lower	Upper
164	100		
129	104.2	65.5	121.7
131	96.7	64.3	119.3
166	125.7	88.7	164.7



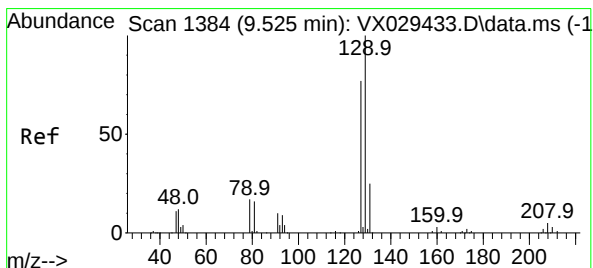
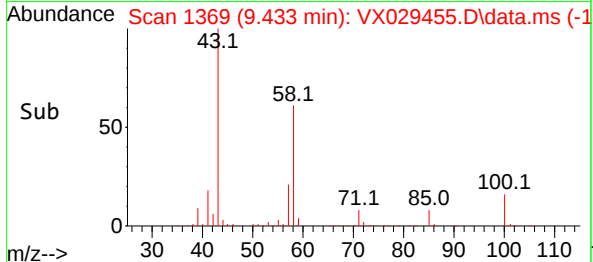
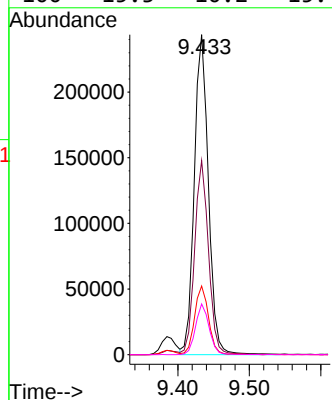
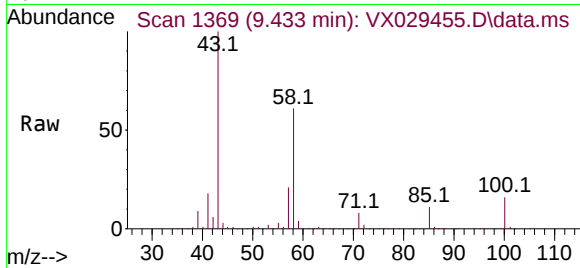


#48
2-Hexanone
Concen: 102.931 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

Instrument :
MSVOA_X
ClientSampleId :
VSTD050756

Tgt Ion: 43 Resp: 333921

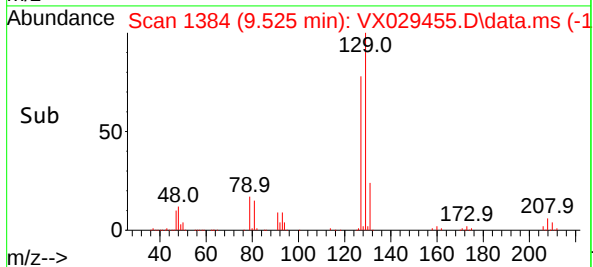
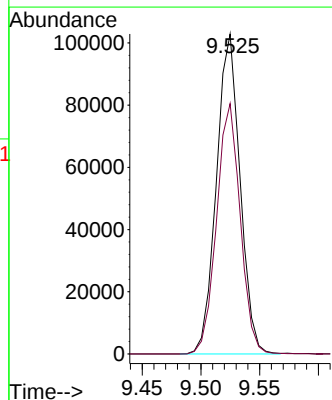
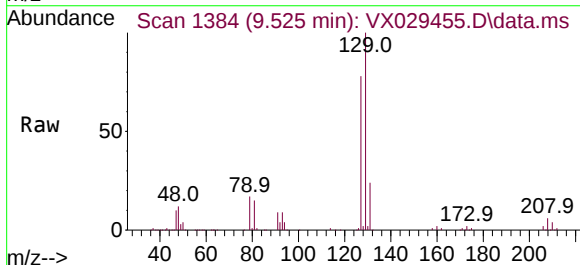
Ion	Ratio	Lower	Upper
43	100		
58	59.5	42.9	64.3
57	21.3	15.3	22.9
100	15.3	10.2	15.4

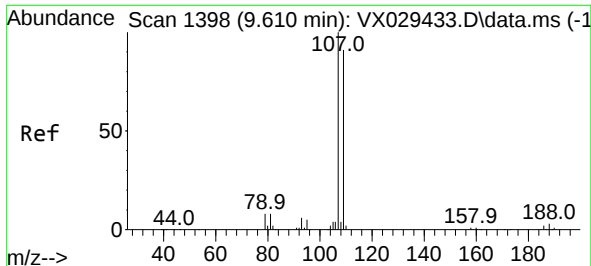


#49
Dibromochloromethane
Concen: 46.702 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

Tgt Ion: 129 Resp: 144098

Ion	Ratio	Lower	Upper
129	100		
127	78.2	54.3	100.9

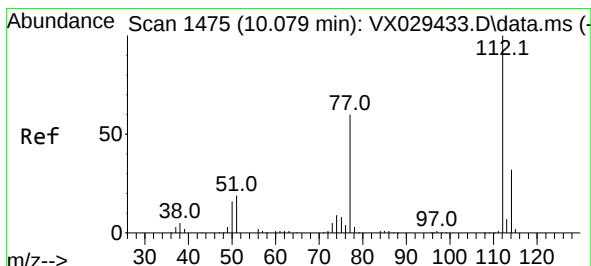
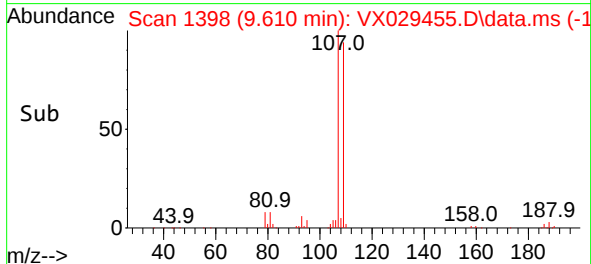
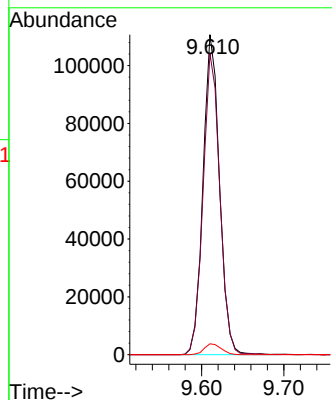
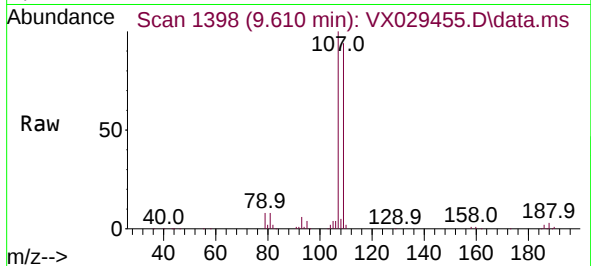




#50
1,2-Dibromoethane
Concen: 48.807 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

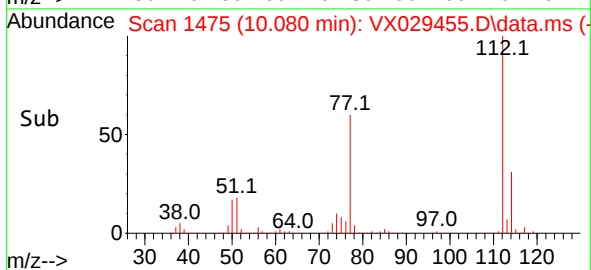
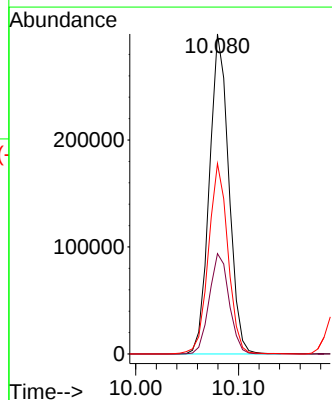
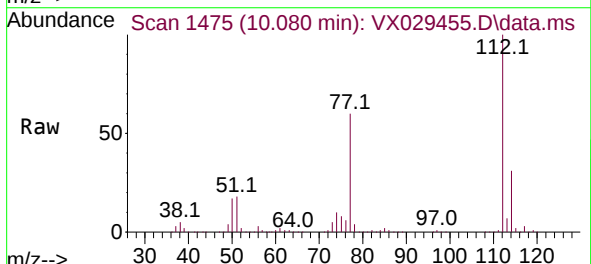
Instrument :
MSVOA_X
ClientSampleId :
VSTD050756

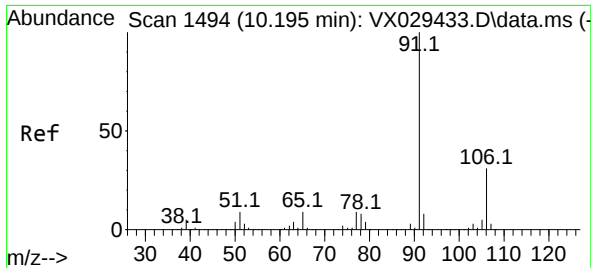
Tgt Ion:107 Resp: 154142
Ion Ratio Lower Upper
107 100
109 94.1 64.9 120.5
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 49.333 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

Tgt Ion:112 Resp: 392189
Ion Ratio Lower Upper
112 100
114 31.4 22.2 41.2
77 59.5 45.9 68.9

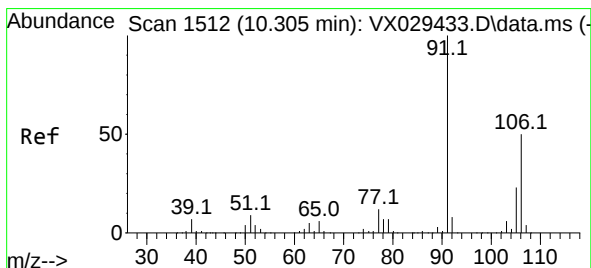
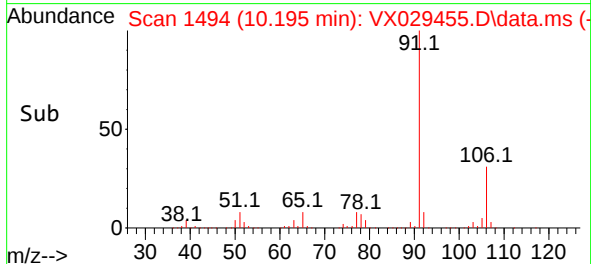
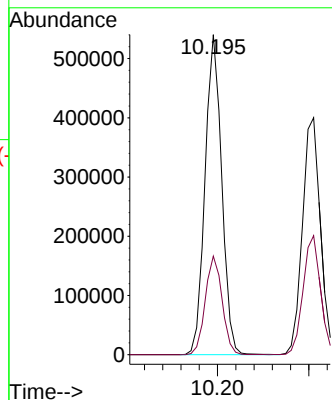
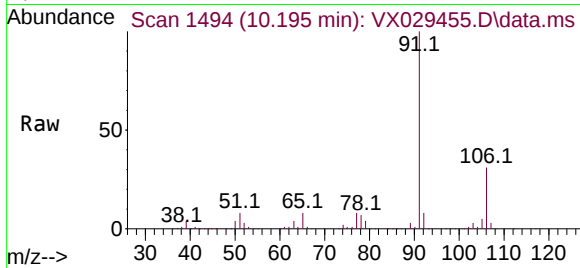




#52
Ethylbenzene
Concen: 49.763 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

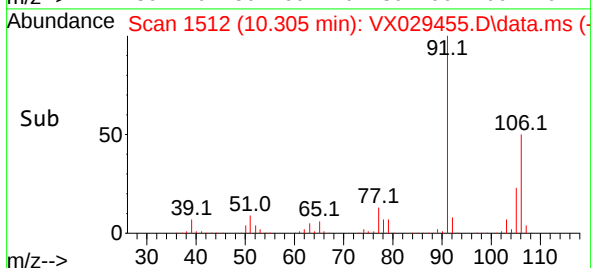
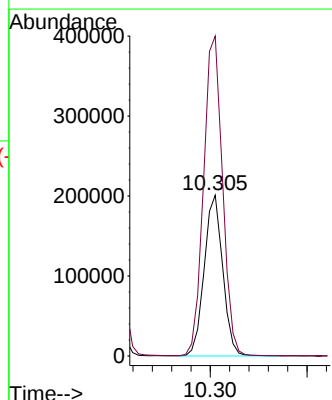
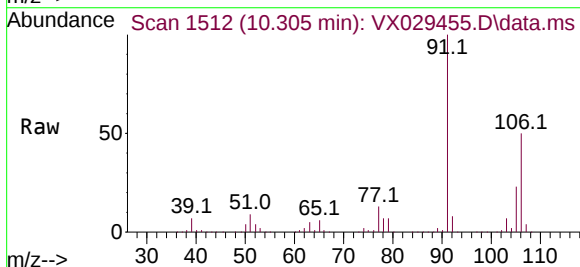
Instrument :
MSVOA_X
ClientSampleId :
VSTD050756

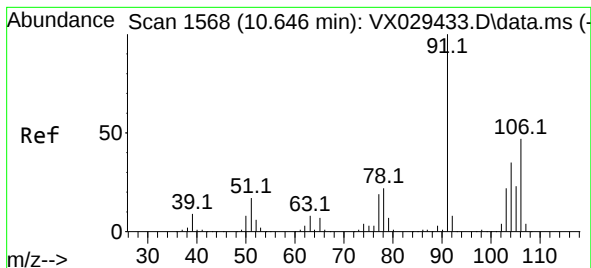
Tgt Ion: 91 Resp: 682037
Ion Ratio Lower Upper
91 100
106 30.8 21.7 40.3



#53
m,p-Xylene
Concen: 49.765 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

Tgt Ion: 106 Resp: 267734
Ion Ratio Lower Upper
106 100
91 199.0 145.7 270.5

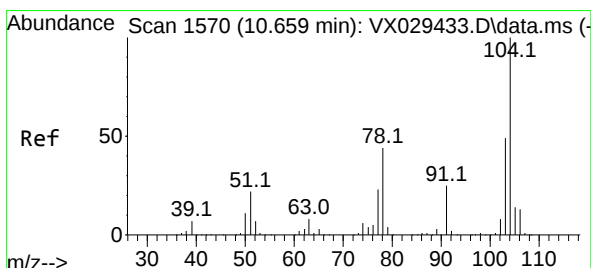
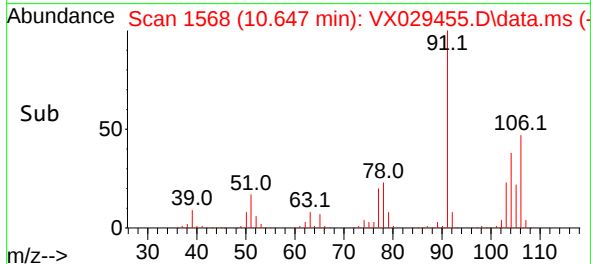
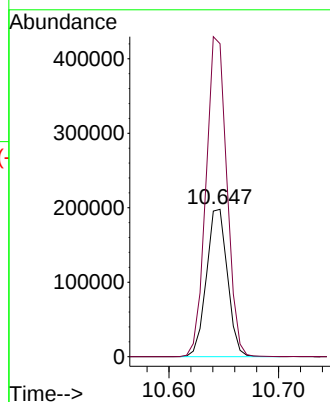
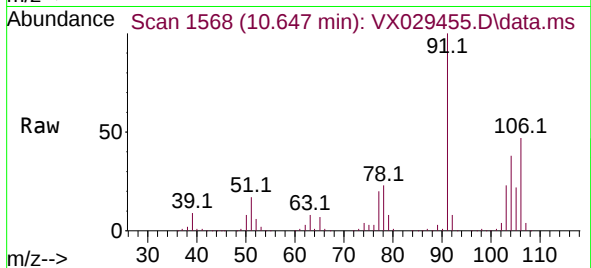




#54
o-Xylene
Concen: 49.761 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

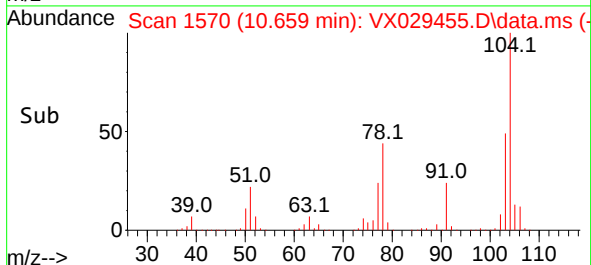
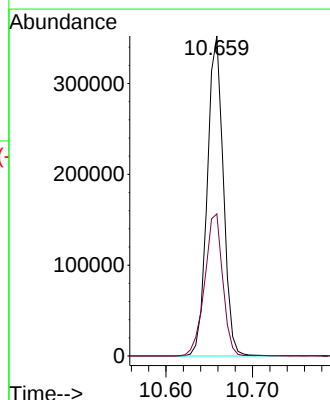
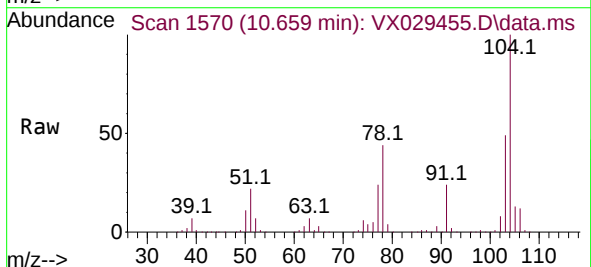
Instrument :
MSVOA_X
ClientSampleId :
VSTD050756

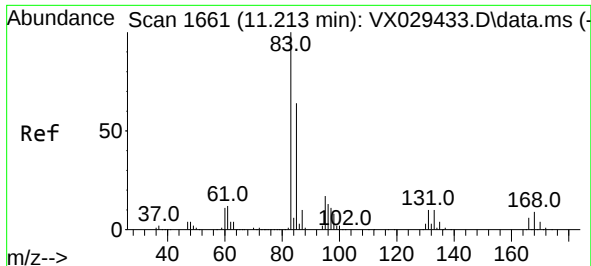
Tgt Ion:106 Resp: 264038
Ion Ratio Lower Upper
106 100
91 212.3 151.2 280.8



#55
Styrene
Concen: 50.810 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

Tgt Ion:104 Resp: 453257
Ion Ratio Lower Upper
104 100
78 44.4 33.3 61.9

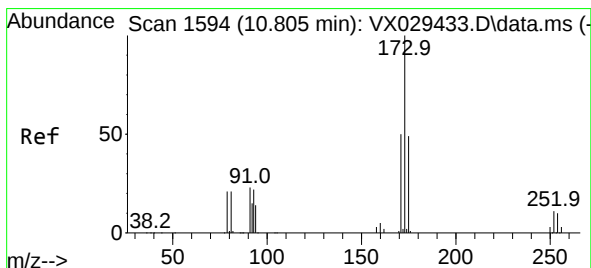
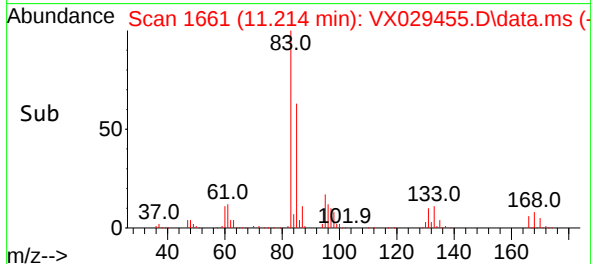
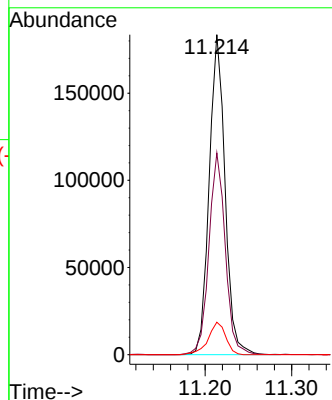
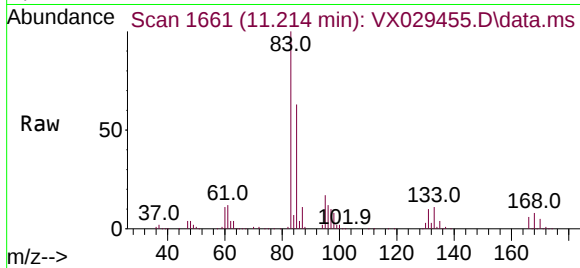




#57
1,1,2,2-Tetrachloroethane
Concen: 50.771 ug/L
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

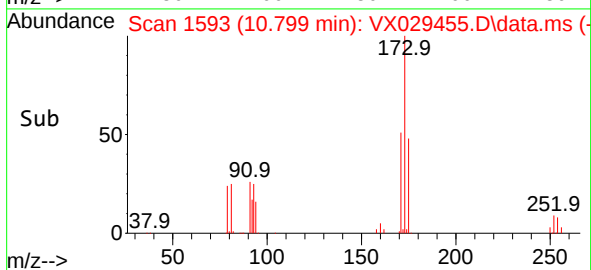
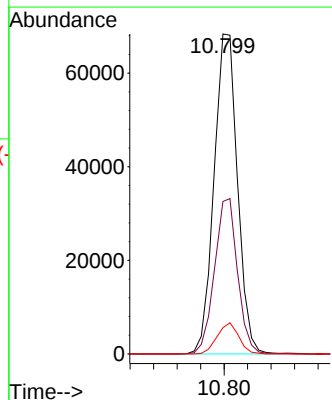
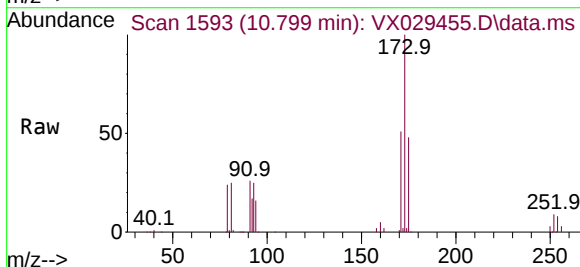
Instrument :
MSVOA_X
ClientSampleId :
VSTD050756

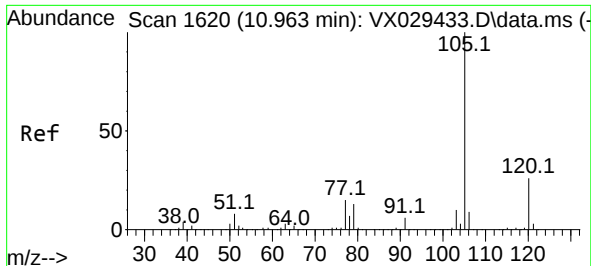
Tgt Ion: 83 Resp: 232842
Ion Ratio Lower Upper
83 100
85 63.1 45.8 85.2
131 10.1 8.5 12.7



#59
Bromoform
Concen: 46.774 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

Tgt Ion:173 Resp: 94867
Ion Ratio Lower Upper
173 100
175 47.7 38.9 58.3
254 9.0 7.0 10.6

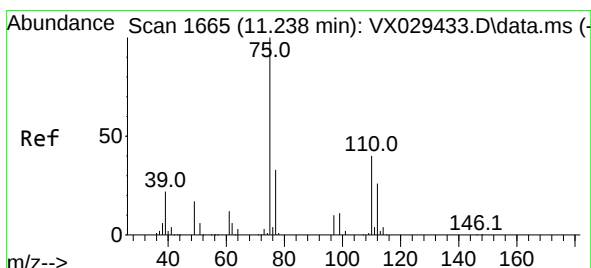
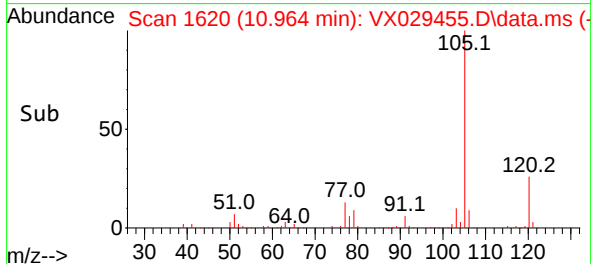
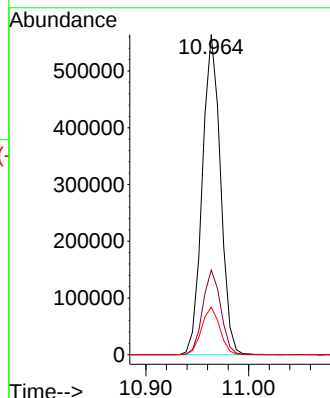
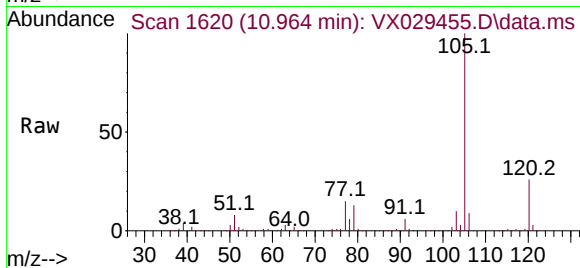




#60
Isopropylbenzene
Concen: 48.683 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

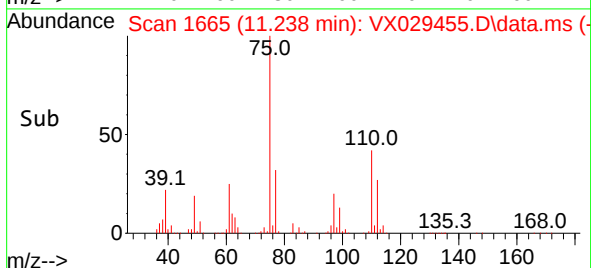
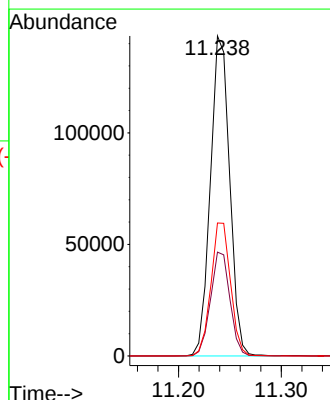
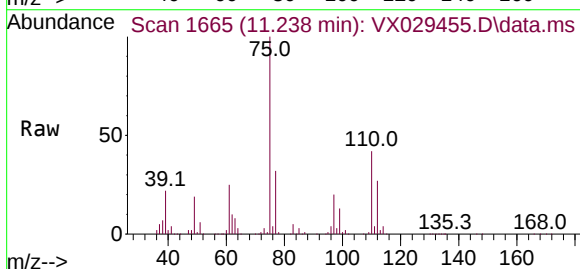
Instrument :
MSVOA_X
ClientSampleId :
VSTD050756

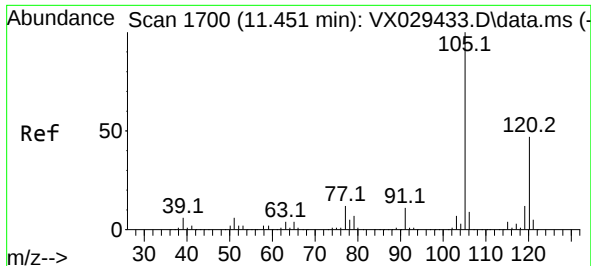
Tgt Ion:105 Resp: 692641
Ion Ratio Lower Upper
105 100
120 26.3 21.2 31.8
77 14.9 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 49.051 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

Tgt Ion: 75 Resp: 186874
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.6
110 42.2 33.4 50.0





#62

1,3,5-Trimethylbenzene

Concen: 48.843 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX029455.D

Acq: 14 Jun 2022 08:05

Instrument :

MSVOA_X

ClientSampleId :

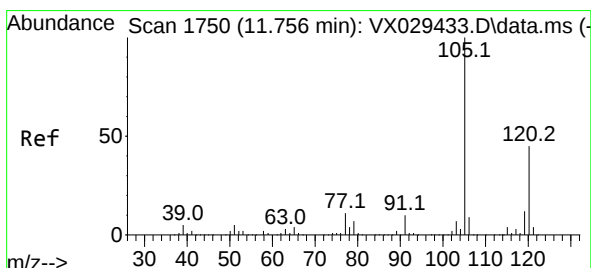
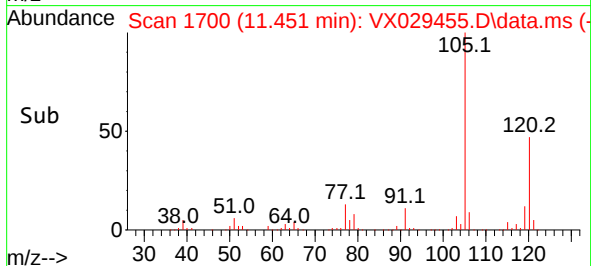
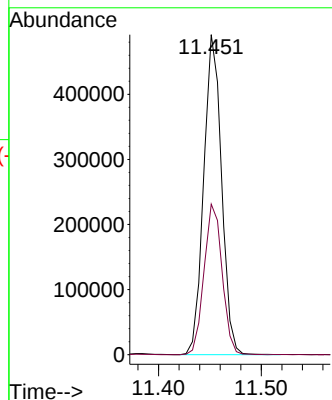
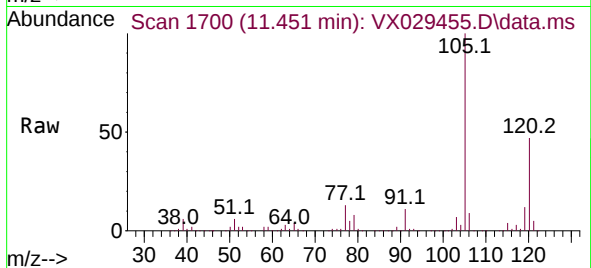
VSTD050756

Tgt Ion:105 Resp: 593492

Ion Ratio Lower Upper

105 100

120 47.8 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 48.705 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX029455.D

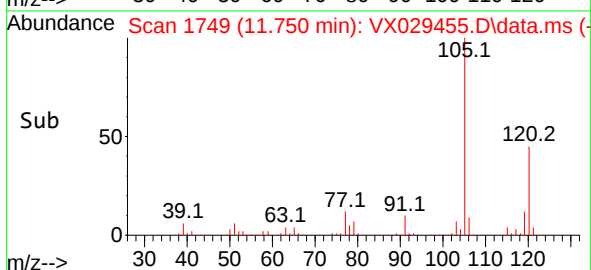
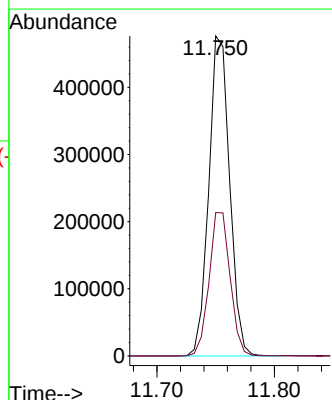
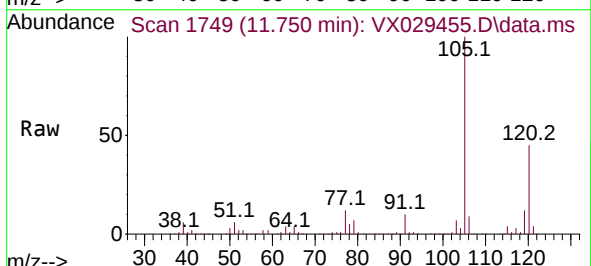
Acq: 14 Jun 2022 08:05

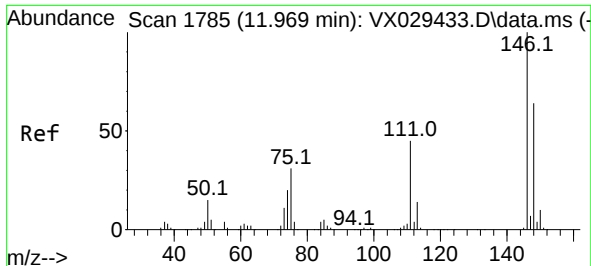
Tgt Ion:105 Resp: 587612

Ion Ratio Lower Upper

105 100

120 45.3 36.1 54.1

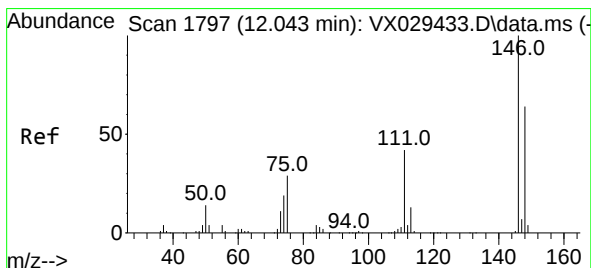
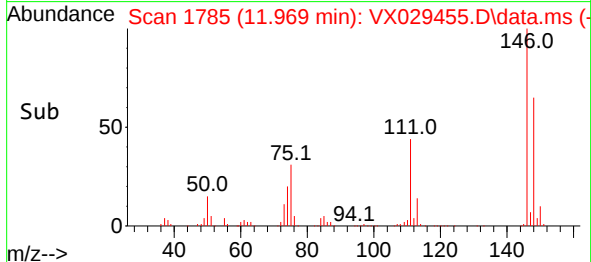
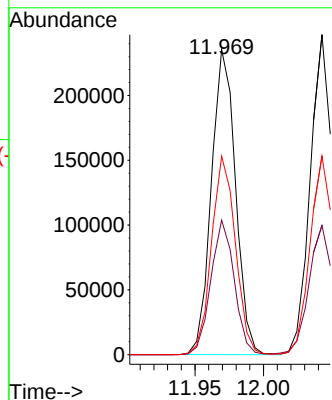
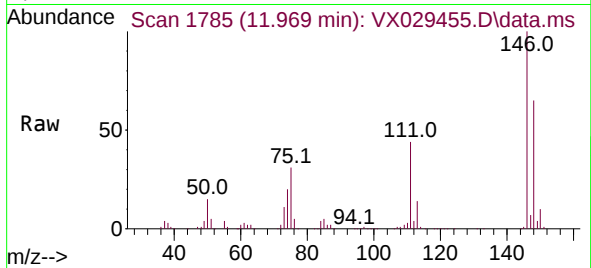




#64
1,3-Dichlorobenzene
Concen: 48.839 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

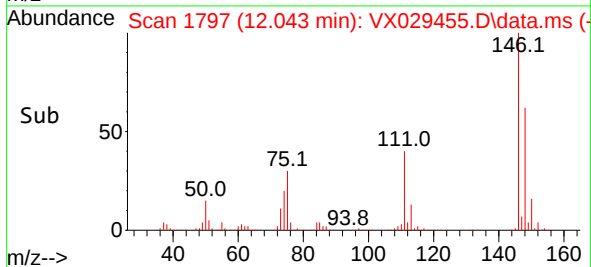
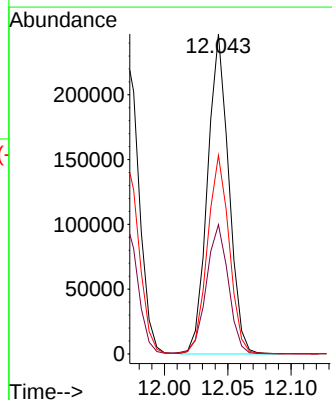
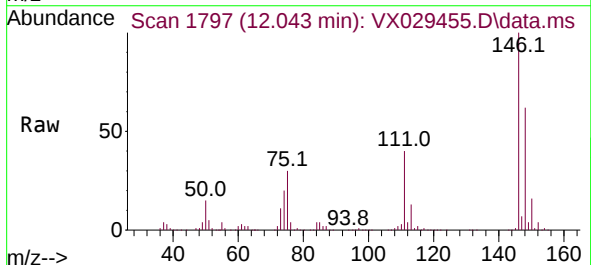
Instrument :
MSVOA_X
ClientSampleId :
VSTD050756

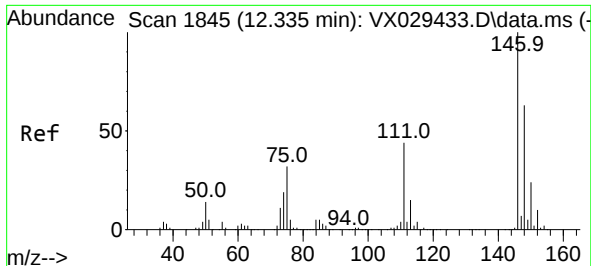
Tgt Ion:146 Resp: 287851
Ion Ratio Lower Upper
146 100
111 44.1 28.3 52.7
148 65.0 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 48.450 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

Tgt Ion:146 Resp: 288266
Ion Ratio Lower Upper
146 100
111 40.4 26.5 49.3
148 62.1 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 50.044 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX029455.D

Acq: 14 Jun 2022 08:05

Instrument :

MSVOA_X

ClientSampleId :

VSTD050756

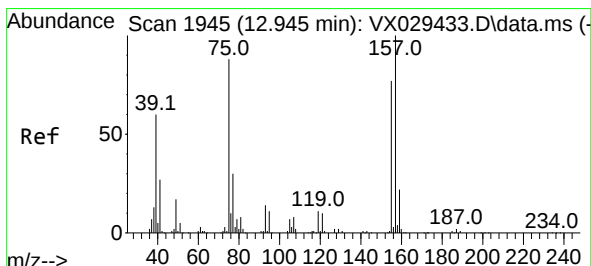
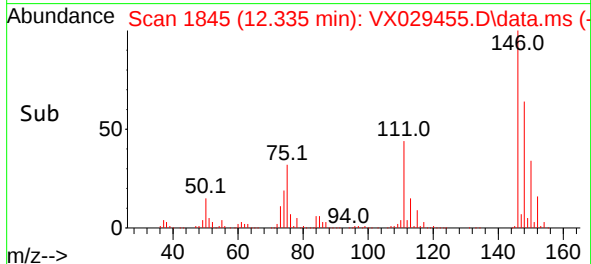
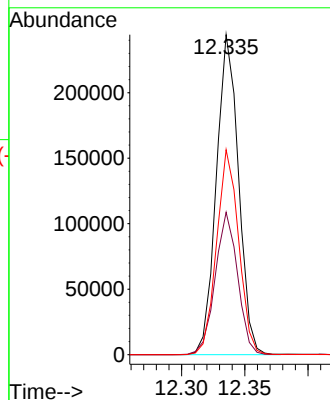
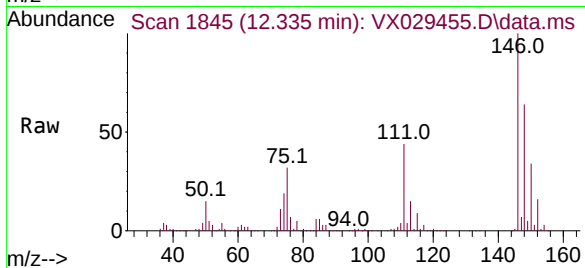
Tgt Ion:146 Resp: 297491

Ion Ratio Lower Upper

146 100

111 44.5 34.5 51.7

148 64.0 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 48.939 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX029455.D

Acq: 14 Jun 2022 08:05

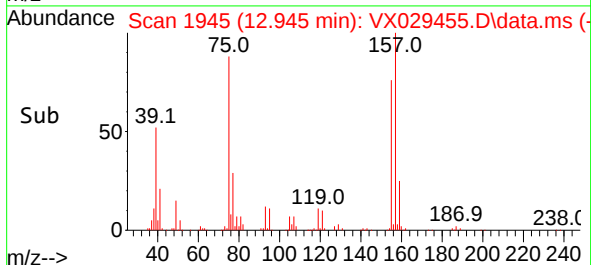
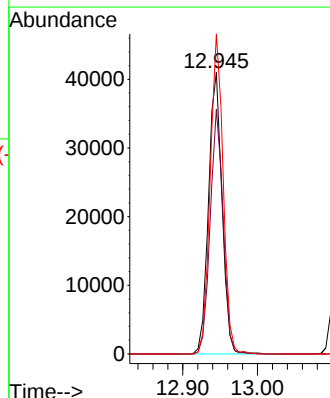
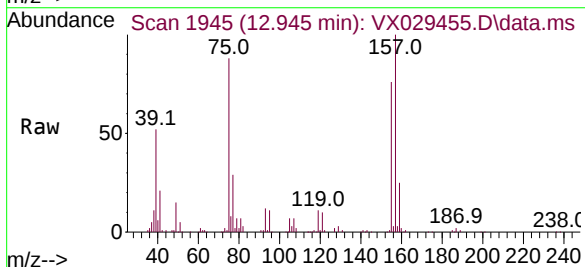
Tgt Ion: 75 Resp: 51280

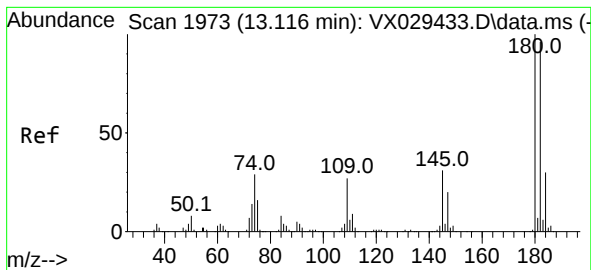
Ion Ratio Lower Upper

75 100

155 86.9 71.6 107.4

157 113.7 93.8 140.6





#69

1,3,5-Trichlorobenzene

Concen: 47.940 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VX029455.D

Acq: 14 Jun 2022 08:05

Instrument :

MSVOA_X

ClientSampleId :

VSTD050756

Tgt Ion:180 Resp: 193354

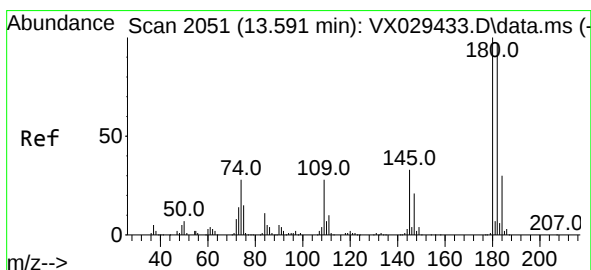
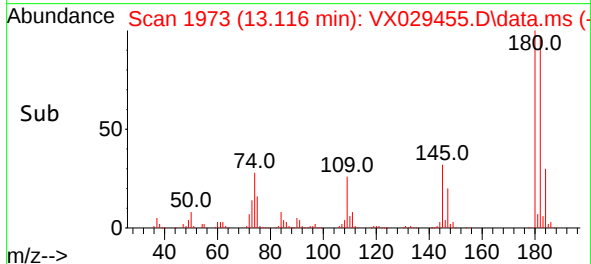
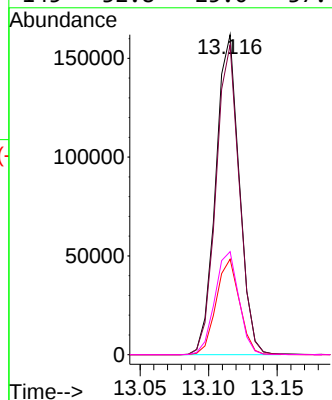
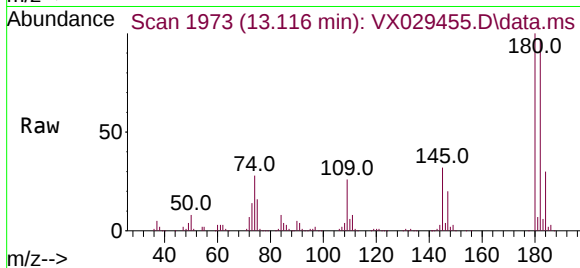
Ion Ratio Lower Upper

180 100

182 96.0 75.6 113.4

184 29.8 23.6 35.4

145 32.8 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 48.583 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX029455.D

Acq: 14 Jun 2022 08:05

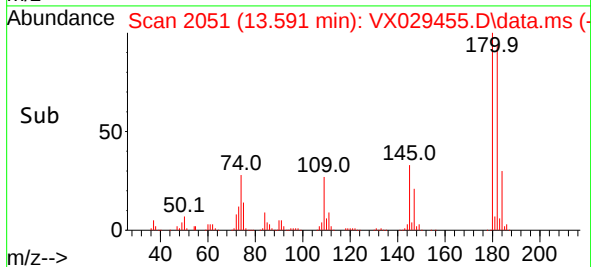
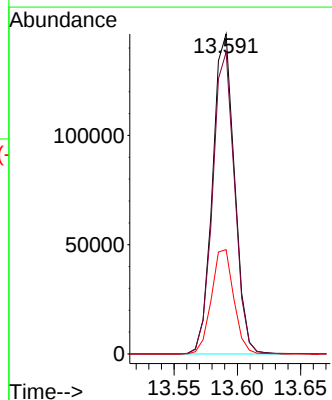
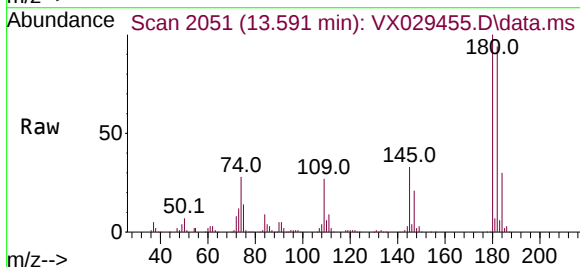
Tgt Ion:180 Resp: 176475

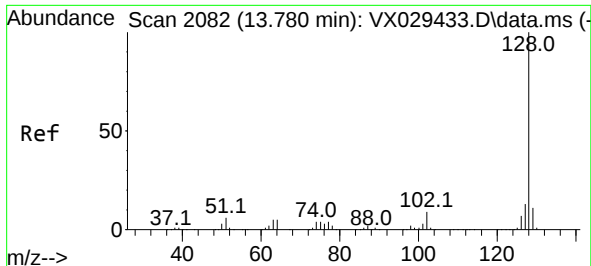
Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.2

145 33.4 25.0 37.4

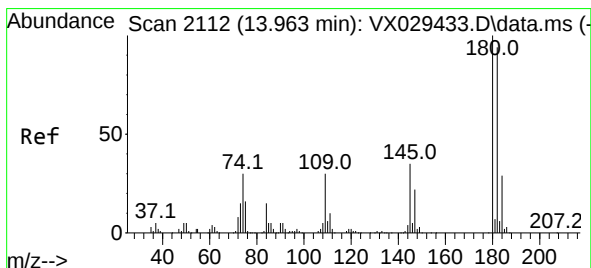
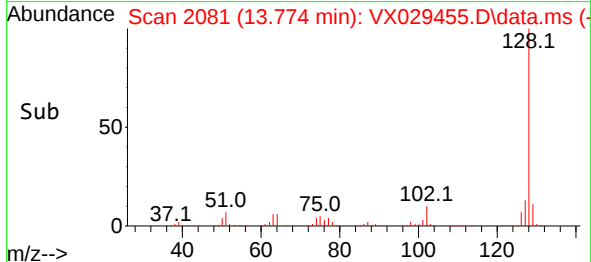
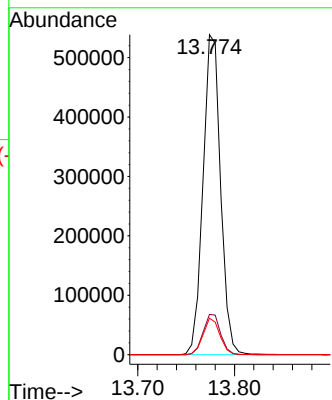
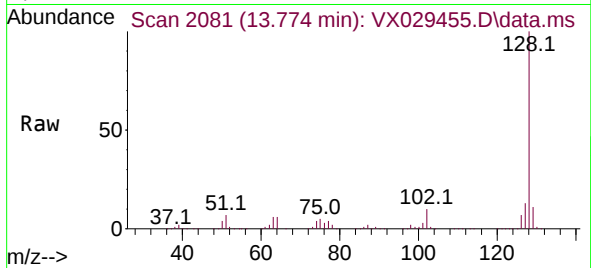




#71
Naphthalene
Concen: 50.874 ug/L
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

Instrument :
MSVOA_X
ClientSampleId :
VSTD050756

Tgt Ion:128 Resp: 680585
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 48.648 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX029455.D
Acq: 14 Jun 2022 08:05

Tgt Ion:180 Resp: 178511
Ion Ratio Lower Upper
180 100
182 94.3 77.0 115.4
145 35.1 27.4 41.0

