

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081922\
 Data File : VX030694.D
 Acq On : 19 Aug 2022 10:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050791

Quant Time: Aug 20 02:10:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	325540	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	294729	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	153419	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	105481	50.456	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.920%	
7) Chloroethane-d5	1.666	69	80532	54.645	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 109.280%	
11) 1,1-Dichloroethene-d2	2.306	63	211677	53.528	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 107.060%	
21) 2-Butanone-d5	4.465	46	191711	98.973	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 98.970%	
24) Chloroform-d	5.062	84	230141	53.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.960%	
26) 1,2-Dichloroethane-d4	5.958	65	139681	47.802	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 95.600%	
32) Benzene-d6	5.976	84	457497	54.190	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.380%	
36) 1,2-Dichloropropane-d6	7.312	67	150679	55.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 110.020%	
41) Toluene-d8	8.653	98	425253	53.438	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 106.880%	
43) trans-1,3-Dichloroprop...	8.952	79	68180	50.035	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.080%	
47) 2-Hexanone-d5	9.384	63	149428	107.027	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 107.030%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	212989	59.192	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 118.380%	
66) 1,2-Dichlorobenzene-d4	12.323	152	161358	54.225	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 108.440%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	108835	44.430	ug/L	99
3) Chloromethane	1.294	50	103126	48.960	ug/L	97
5) Vinyl chloride	1.374	62	114294	50.800	ug/L	97
6) Bromomethane	1.611	94	41995	39.720	ug/L	99
8) Chloroethane	1.685	64	67541	52.702	ug/L	95
9) Trichlorofluoromethane	1.886	101	168637	50.716	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	122627	62.003	ug/L	97
12) 1,1-Dichloroethene	2.319	96	106865	58.650	ug/L	75
13) Acetone	2.386	43	121746	85.759	ug/L	88
14) Carbon disulfide	2.514	76	252901	42.824	ug/L	99
15) Methyl Acetate	2.709	43	142499	48.495	ug/L	96
16) Methylene chloride	2.788	84	129837	56.196	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	114075	54.041	ug/L	89
18) Methyl tert-butyl Ether	3.117	73	381773	53.182	ug/L	96
19) 1,1-Dichloroethane	3.611	63	222638	54.531	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	133076	56.042	ug/L	87
22) 2-Butanone	4.562	43	205565	91.791	ug/L	93
23) Bromochloromethane	4.897	128	67987	57.093	ug/L	91
25) Chloroform	5.099	83	237947	55.469	ug/L	99

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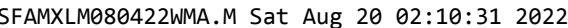
Instrument :
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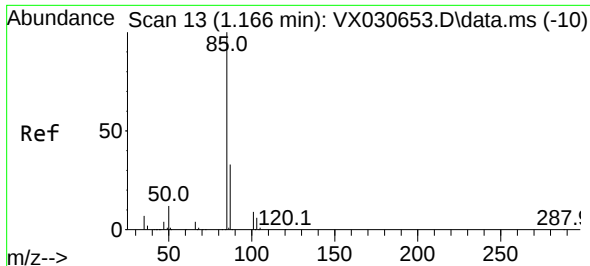
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 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	170589	47.780	ug/L	98
29) Cyclohexane	5.470	56	184135	46.995	ug/L	96
30) 1,1,1-Trichloroethane	5.391	97	195196	50.209	ug/L	97
31) Carbon tetrachloride	5.678	117	162636	50.687	ug/L	98
33) Benzene	6.037	78	508654	53.828	ug/L	100
34) Trichloroethene	7.123	95	137950	50.404	ug/L	92
35) Methylcyclohexane	7.379	83	198473	49.814	ug/L	96
37) 1,2-Dichloropropane	7.434	63	138309	55.048	ug/L	99
38) Bromodichloromethane	7.824	83	176568	53.099	ug/L	95
39) cis-1,3-Dichloropropene	8.366	75	199609	53.257	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	404192	92.379	ug/L	93
42) Toluene	8.720	91	541353	54.230	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	200407	54.630	ug/L	96
45) 1,1,2-Trichloroethane	9.153	97	137424	58.822	ug/L	100
46) Tetrachloroethene	9.275	164	90792	52.491	ug/L	98
48) 2-Hexanone	9.433	43	316493	93.098	ug/L	94
49) Dibromochloromethane	9.525	129	139590	56.162	ug/L	98
50) 1,2-Dibromoethane	9.610	107	140739	54.779	ug/L	98
51) Chlorobenzene	10.079	112	349845	56.253	ug/L	95
52) Ethylbenzene	10.195	91	594255	54.596	ug/L	99
53) m,p-Xylene	10.305	106	228096	56.223	ug/L	96
54) o-Xylene	10.646	106	225488	55.777	ug/L	94
55) Styrene	10.659	104	401062	58.920	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	210324	59.166	ug/L	99
59) Bromoform	10.799	173	92739	55.510	ug/L	99
60) Isopropylbenzene	10.963	105	589567	54.214	ug/L	97
61) 1,2,3-Trichloropropane	11.244	75	173853	52.767	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	513890	55.351	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	520672	55.532	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	268687	56.837	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	264654	55.072	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	273109	55.866	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	51716	47.584	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.115	180	182455	55.036	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	164908	56.640	ug/L	99
71) Naphthalene	13.780	128	652502	54.141	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	173603	56.448	ug/L	99

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

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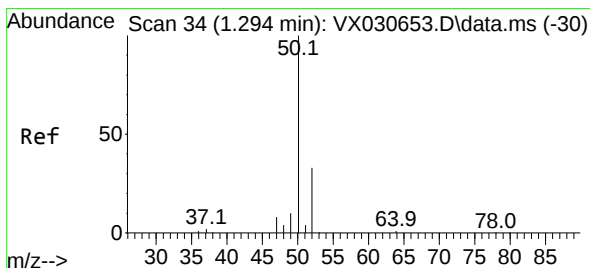
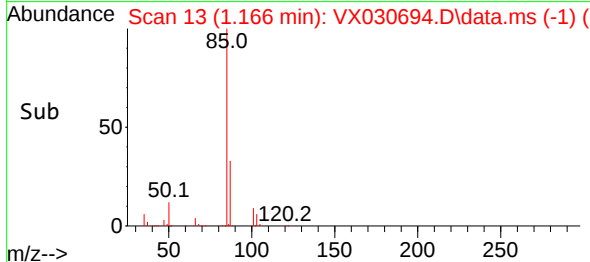
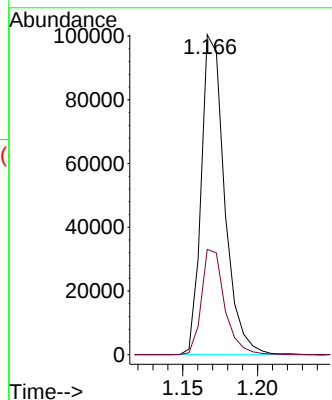
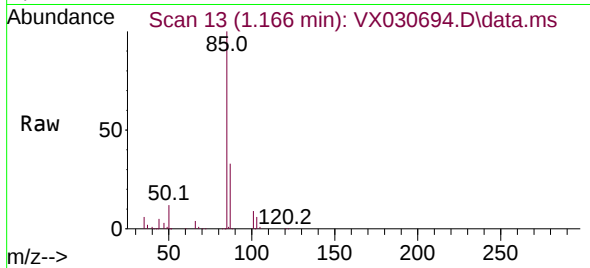




#2
 Dichlorodifluoromethane
 Concen: 44.430 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030694.D
 Acq: 19 Aug 2022 10:09

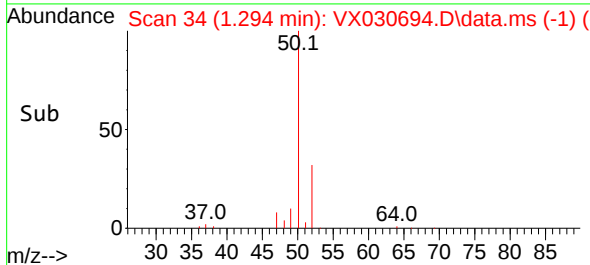
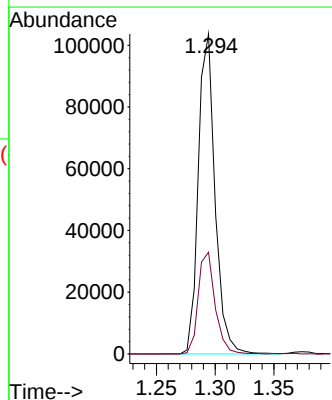
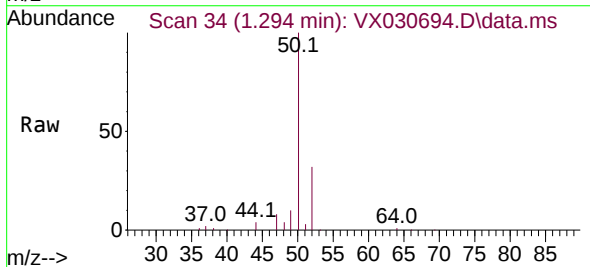
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050791

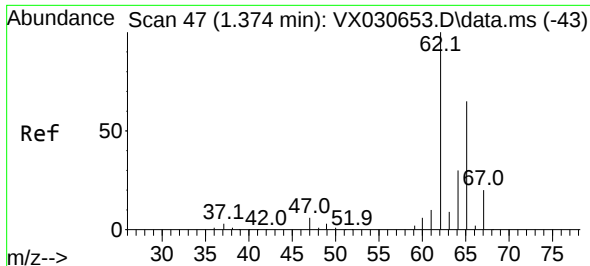
Tgt Ion: 85 Resp: 108835
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.6 38.4



#3
 Chloromethane
 Concen: 48.960 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX030694.D
 Acq: 19 Aug 2022 10:09

Tgt Ion: 50 Resp: 103126
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.3 43.3

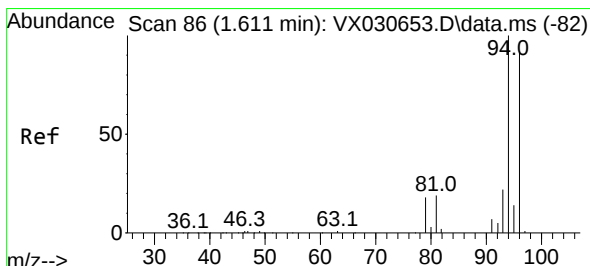
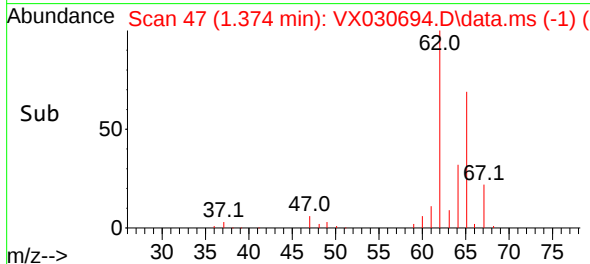
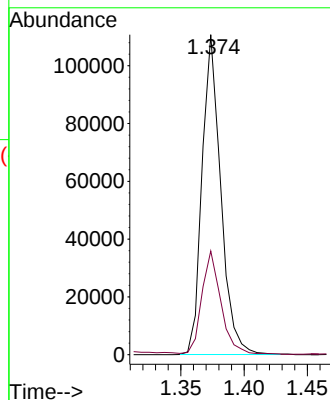
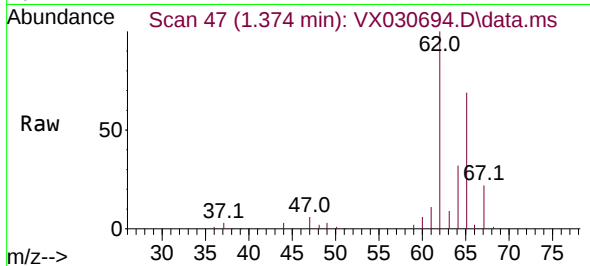




#5
 Vinyl chloride
 Concen: 50.800 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030694.D
 Acq: 19 Aug 2022 10:09

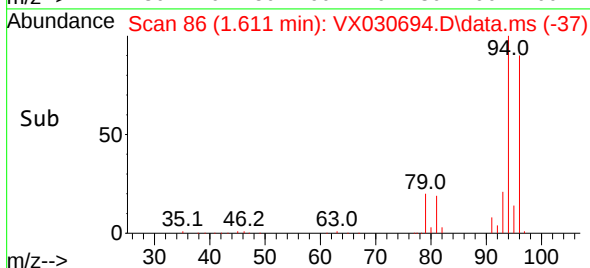
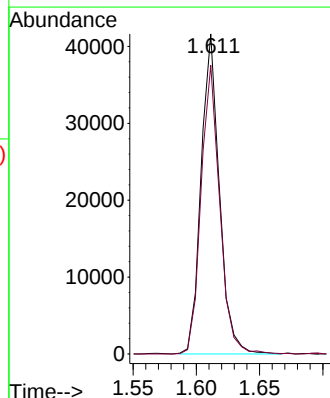
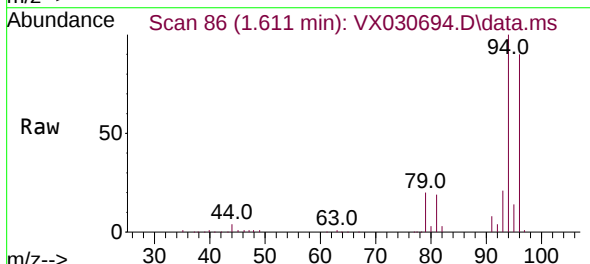
Instrument :
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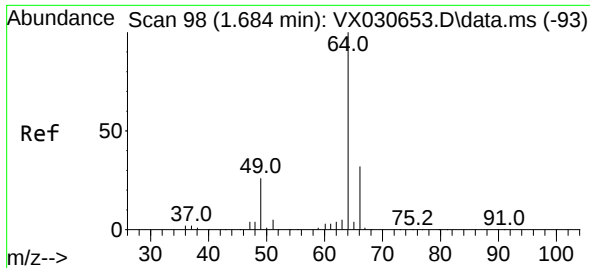
Tgt Ion: 62 Resp: 114294
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.8 44.2



#6
 Bromomethane
 Concen: 39.720 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX030694.D
 Acq: 19 Aug 2022 10:09

Tgt Ion: 94 Resp: 41995
 Ion Ratio Lower Upper
 94 100
 96 90.2 63.8 118.6

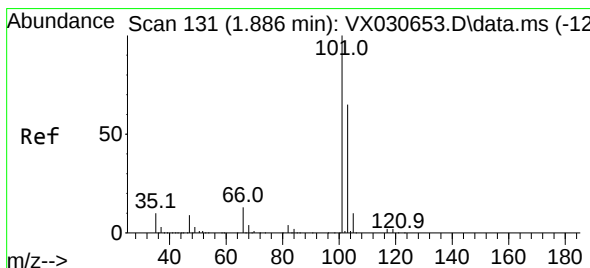
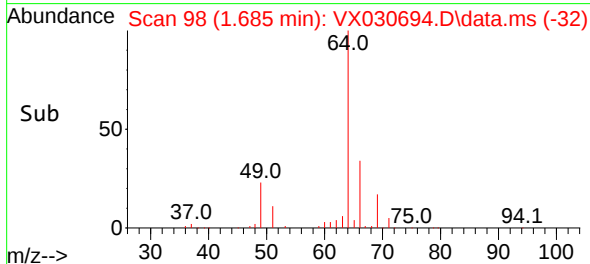
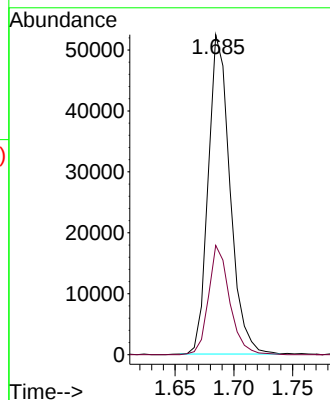
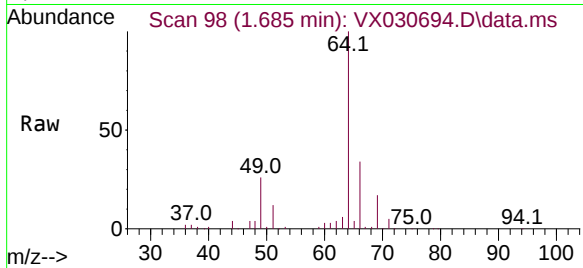




#8
Chloroethane
Concen: 52.702 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

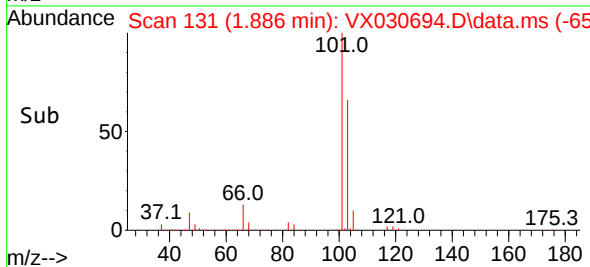
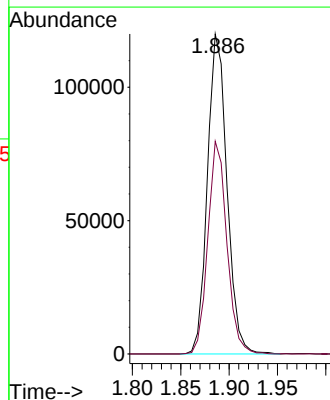
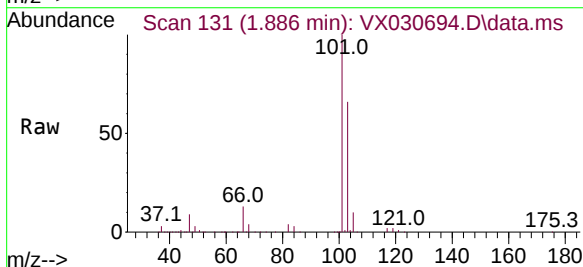
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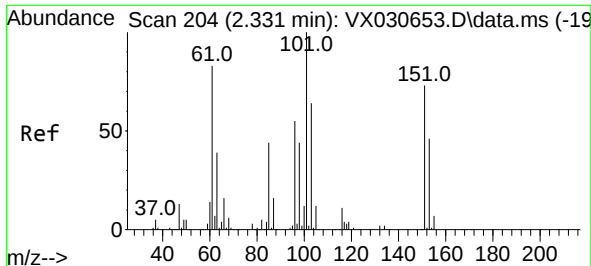
Tgt Ion: 64 Resp: 67541
Ion Ratio Lower Upper
64 100
66 34.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 50.716 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

Tgt Ion:101 Resp: 168637
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

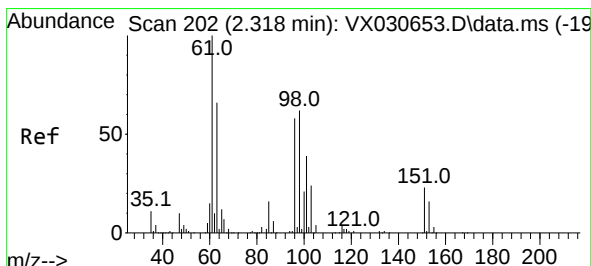
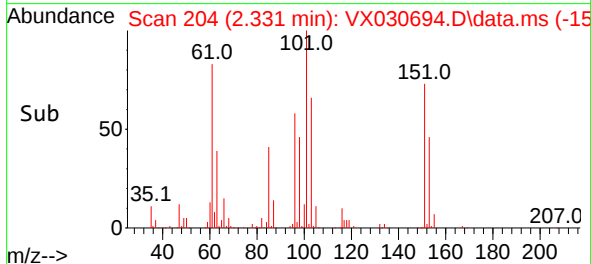
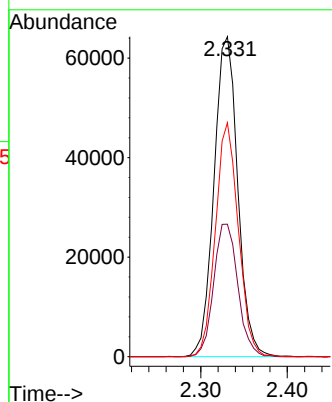
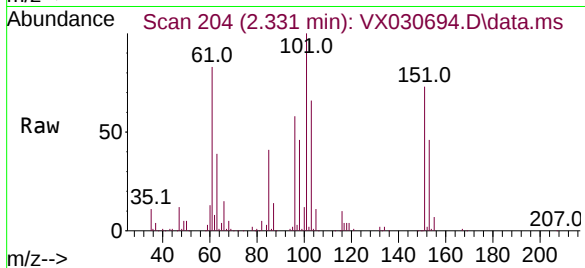




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 62.003 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX030694.D
 Acq: 19 Aug 2022 10:09

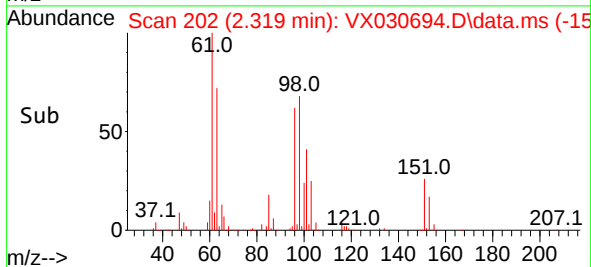
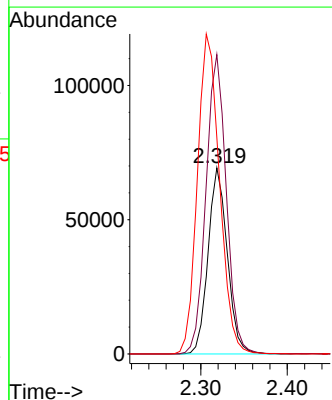
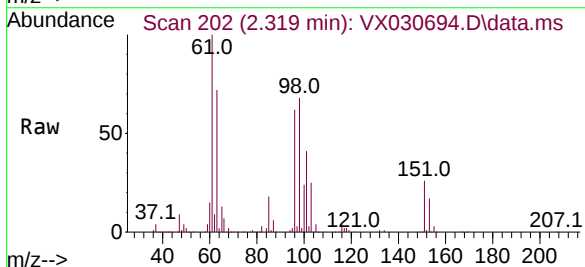
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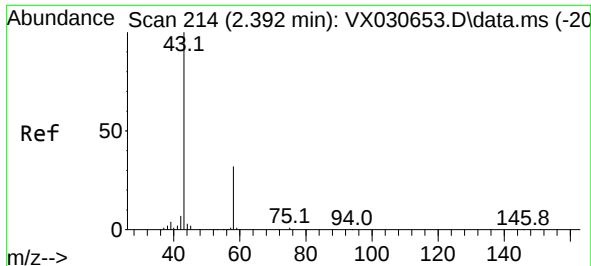
Tgt Ion: 101 Resp: 122627
 Ion Ratio Lower Upper
 101 100
 85 42.2 35.3 52.9
 151 70.5 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 58.650 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030694.D
 Acq: 19 Aug 2022 10:09

Tgt Ion: 96 Resp: 106865
 Ion Ratio Lower Upper
 96 100
 61 160.8 130.2 241.8
 63 116.3 113.5 210.9





#13

Acetone

Concen: 85.759 ug/L

RT: 2.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX030694.D

Acq: 19 Aug 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

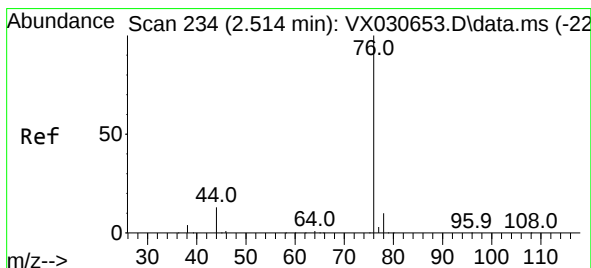
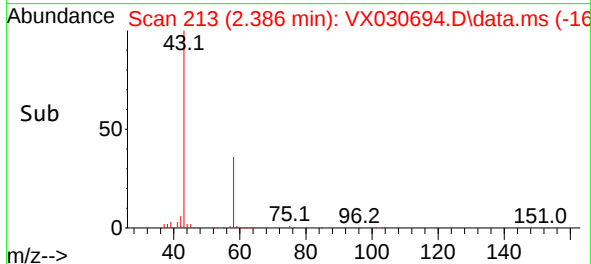
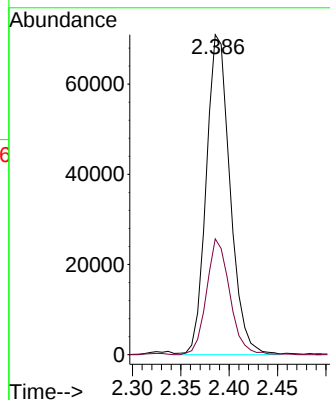
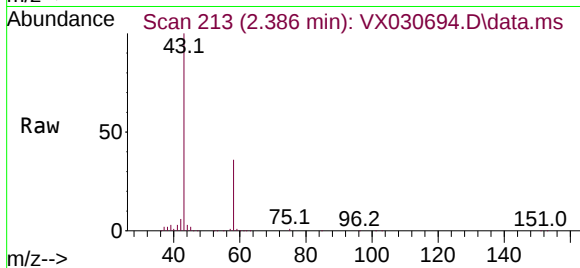
VSTD050791

Tgt Ion: 43 Resp: 121746

Ion Ratio Lower Upper

43 100

58 35.2 0.0 57.8



#14

Carbon disulfide

Concen: 42.824 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX030694.D

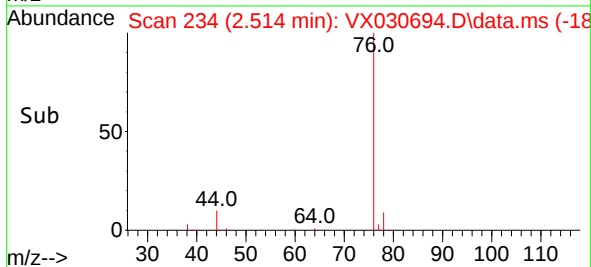
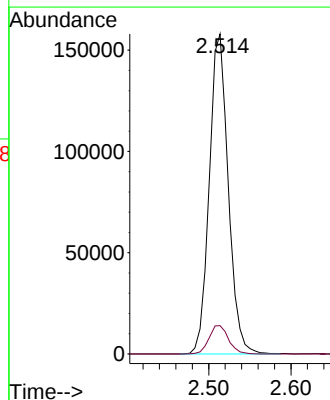
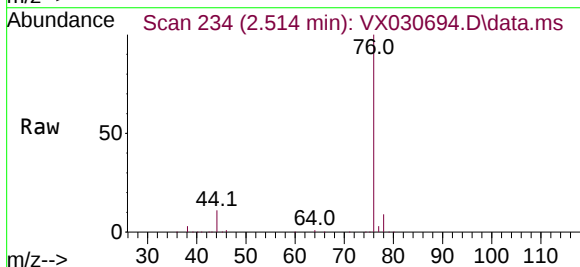
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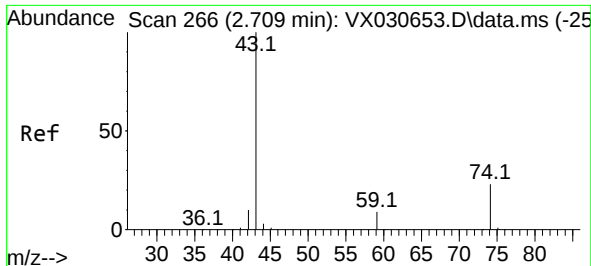
Tgt Ion: 76 Resp: 252901

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

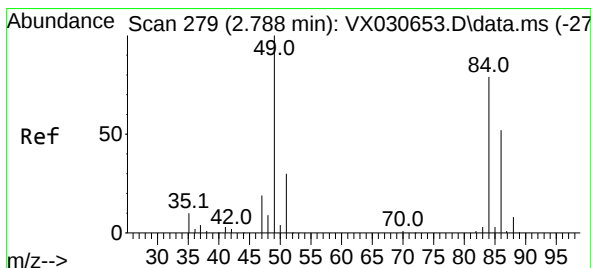
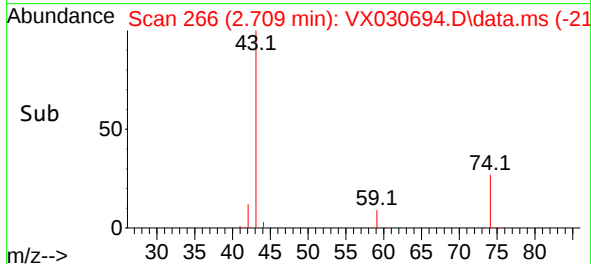
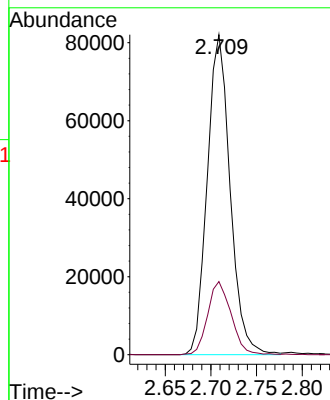
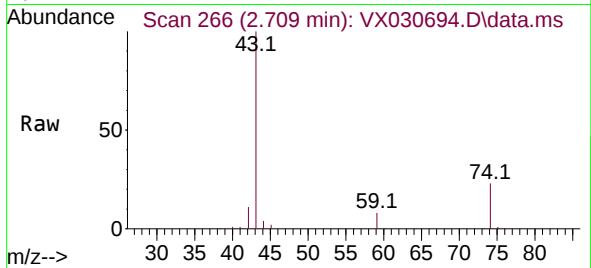




#15
Methyl Acetate
Concen: 48.495 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

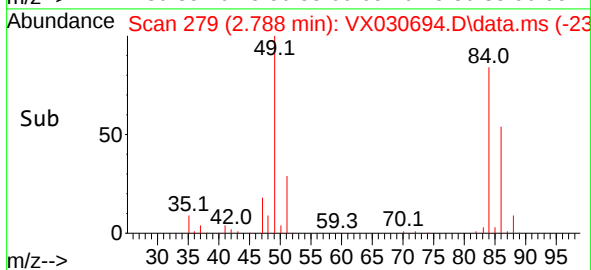
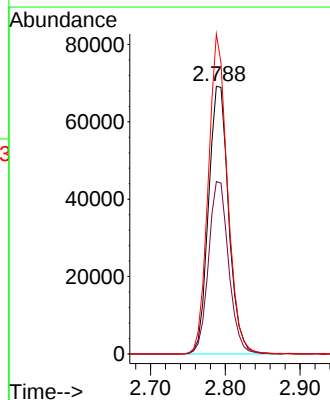
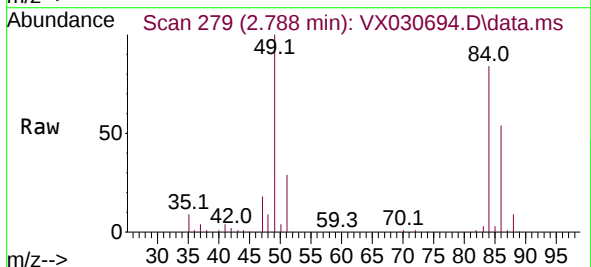
Instrument :
MSVOA_X
ClientSampleId :
VSTD050791

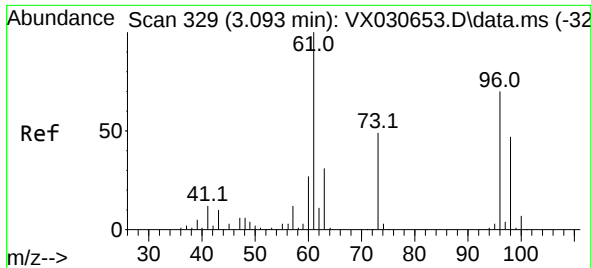
Tgt Ion: 43 Resp: 142499
Ion Ratio Lower Upper
43 100
74 23.4 17.2 25.8



#16
Methylene chloride
Concen: 56.196 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

Tgt Ion: 84 Resp: 129837
Ion Ratio Lower Upper
84 100
86 64.4 44.2 82.2
49 119.5 89.0 165.2

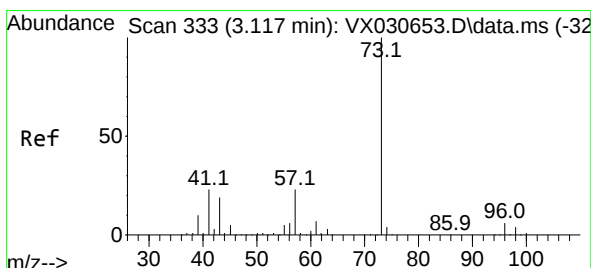
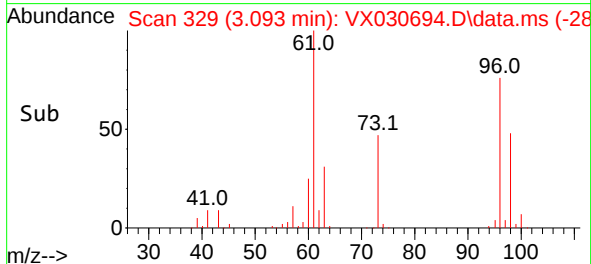
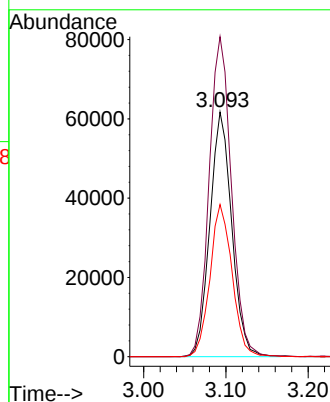
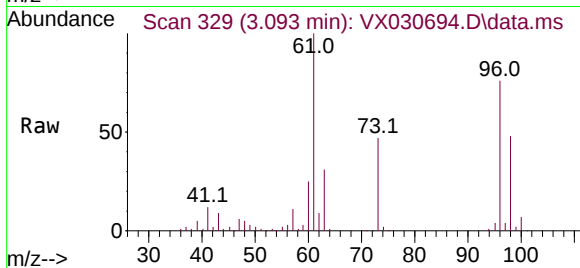




#17
trans-1,2-Dichloroethene
Concen: 54.041 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

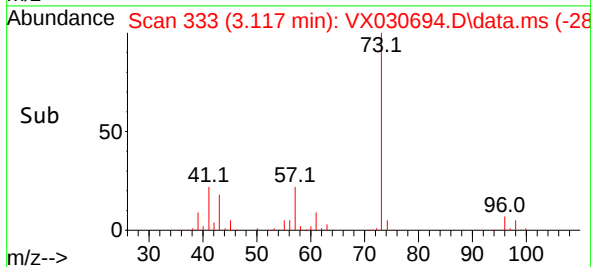
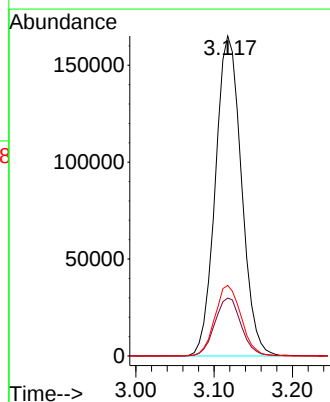
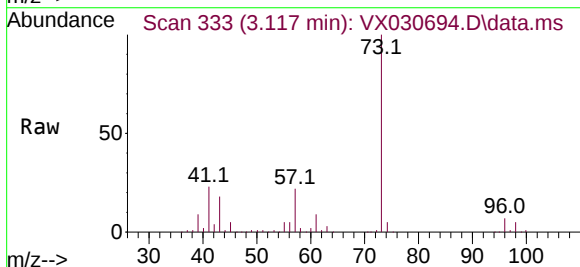
Instrument :
MSVOA_X
ClientSampleId :
VSTD050791

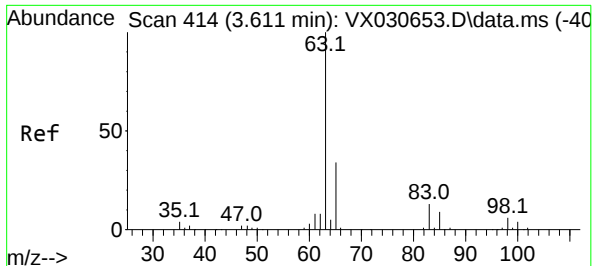
Tgt Ion: 96 Resp: 114075
Ion Ratio Lower Upper
96 100
61 130.8 103.7 192.5
98 62.2 41.5 77.1



#18
Methyl tert-butyl Ether
Concen: 53.182 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

Tgt Ion: 73 Resp: 381773
Ion Ratio Lower Upper
73 100
43 18.4 17.6 26.4
57 22.2 17.5 26.3





#19

1,1-Dichloroethane

Concen: 54.531 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX030694.D

Acq: 19 Aug 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTD050791

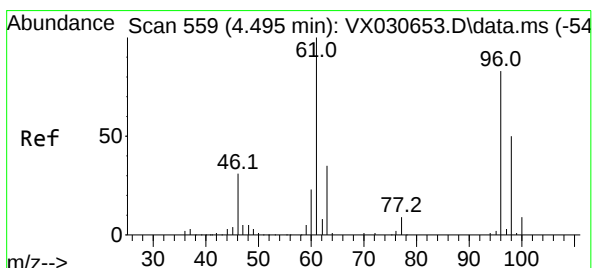
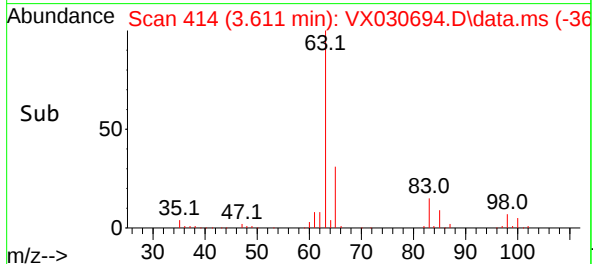
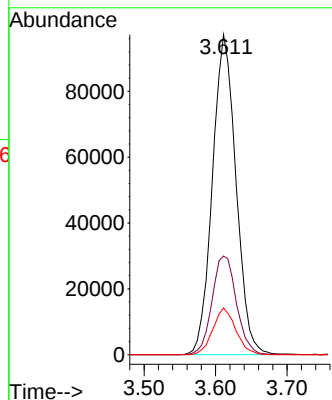
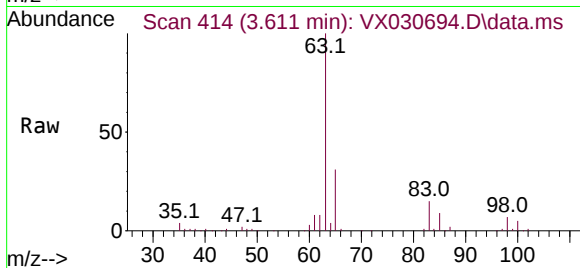
Tgt Ion: 63 Resp: 222638

Ion Ratio Lower Upper

63 100

65 30.9 22.0 40.8

83 14.6 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 56.042 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX030694.D

Acq: 19 Aug 2022 10:09

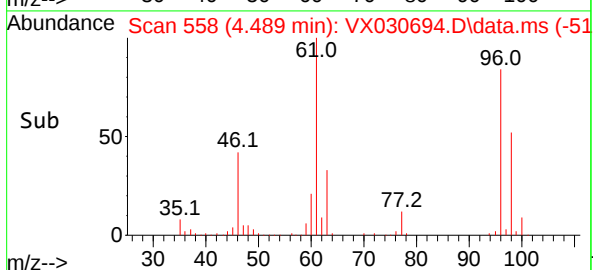
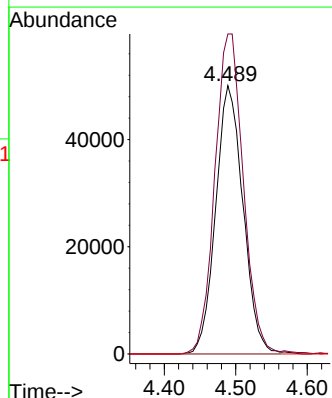
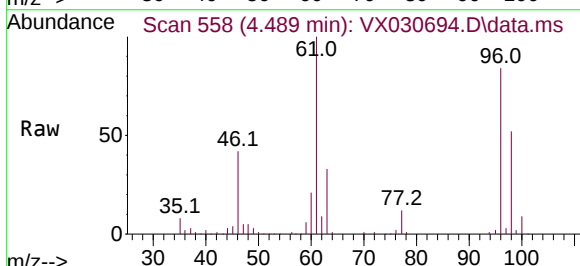
Tgt Ion: 96 Resp: 133076

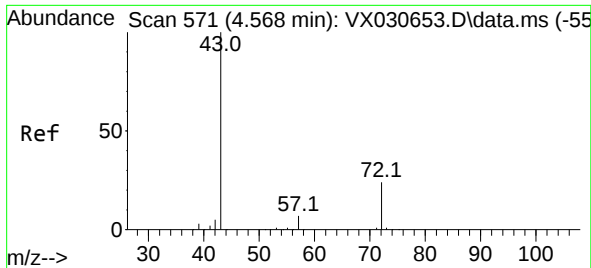
Ion Ratio Lower Upper

96 100

61 119.3 94.0 174.6

68 0.0 0.0 0.0

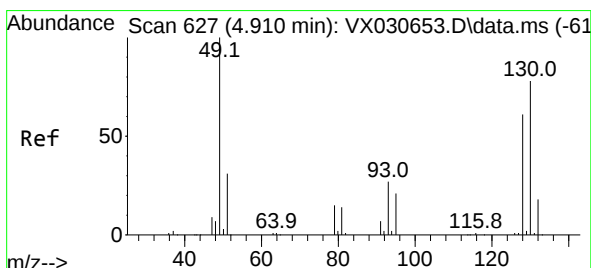
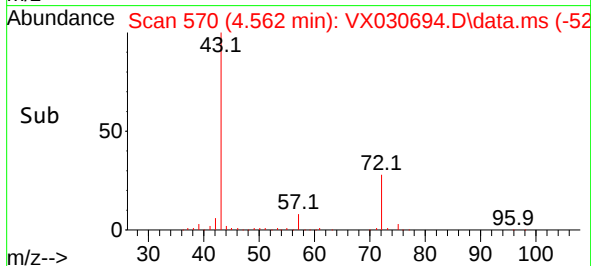
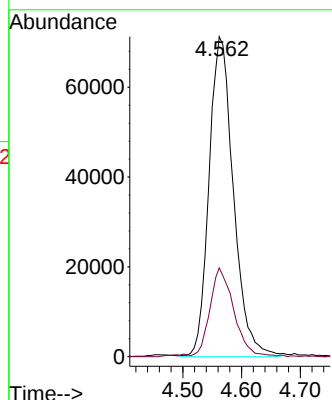
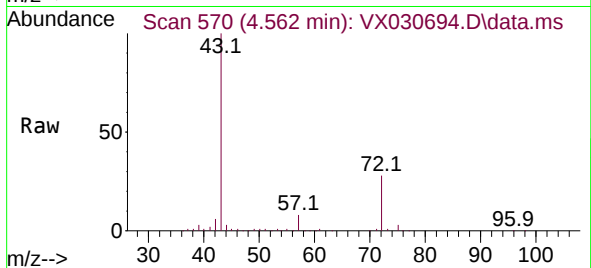




#22
2-Butanone
Concen: 91.791 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

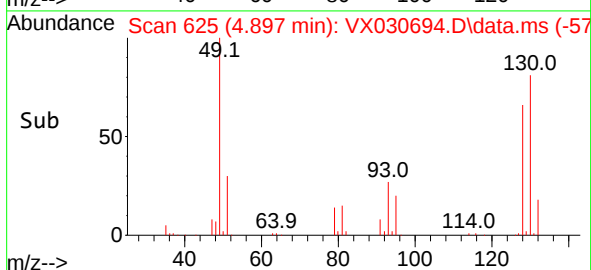
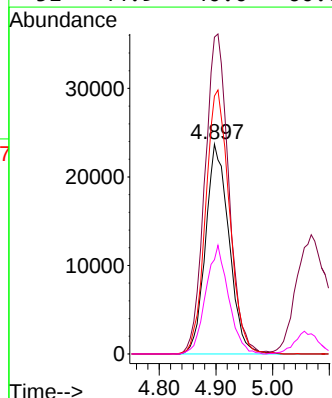
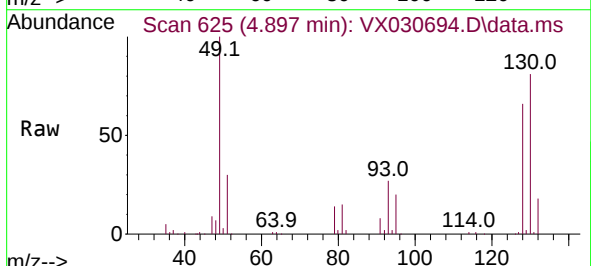
Instrument :
MSVOA_X
ClientSampleId :
VSTD050791

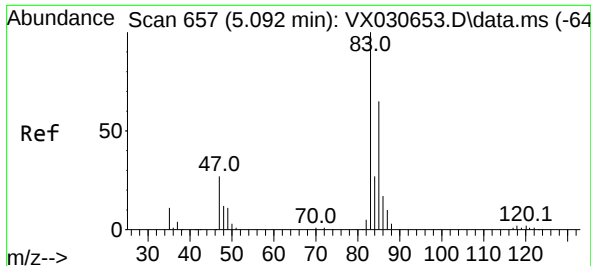
Tgt Ion: 43 Resp: 205565
Ion Ratio Lower Upper
43 100
72 26.9 11.7 35.1



#23
Bromochloromethane
Concen: 57.093 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.012 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

Tgt Ion:128 Resp: 67987
Ion Ratio Lower Upper
128 100
49 151.0 116.8 216.8
130 122.9 90.3 167.7
51 44.9 40.0 60.0

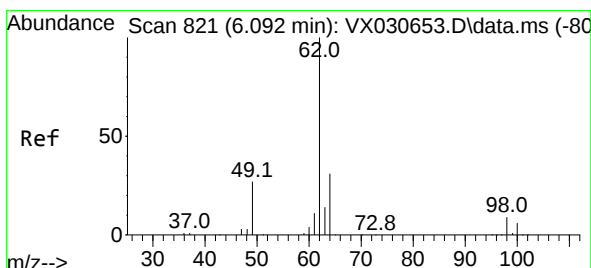
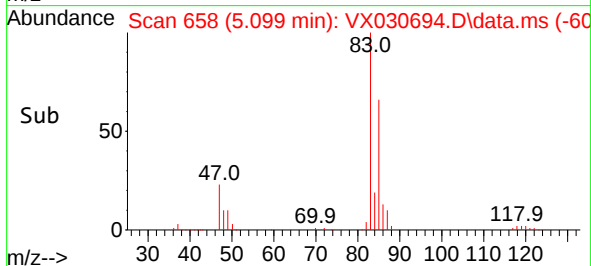
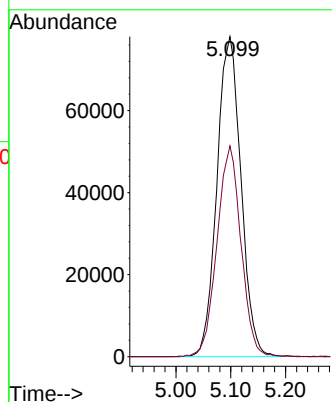
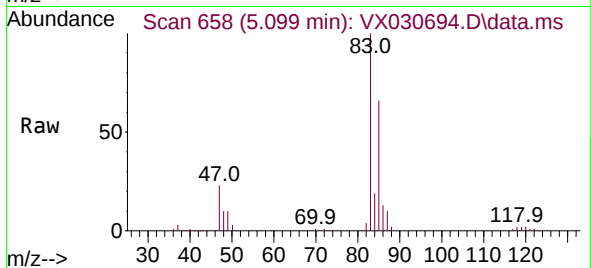




#25
Chloroform
Concen: 55.469 ug/L
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

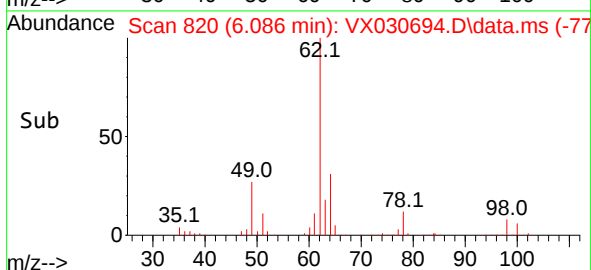
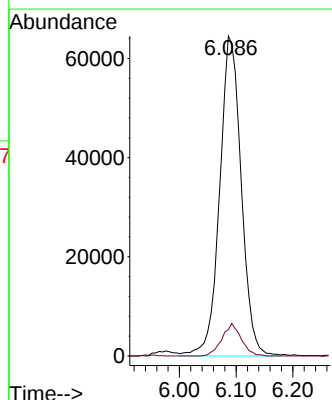
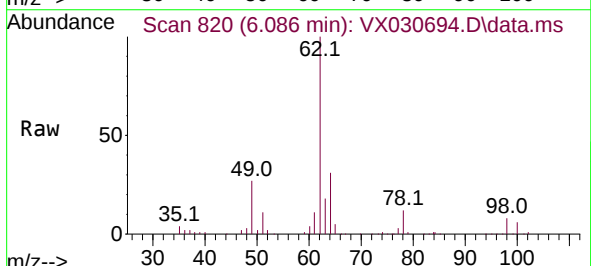
Instrument :
MSVOA_X
ClientSampleId :
VSTD050791

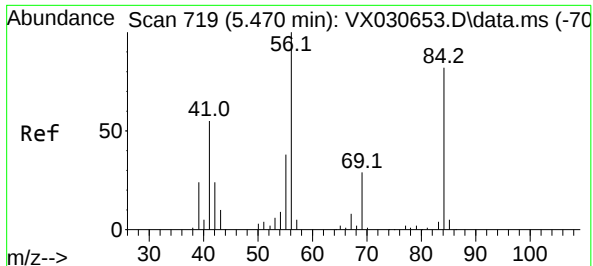
Tgt Ion: 83 Resp: 237947
Ion Ratio Lower Upper
83 100
85 65.8 45.6 84.6



#27
1,2-Dichloroethane
Concen: 47.780 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

Tgt Ion: 62 Resp: 170589
Ion Ratio Lower Upper
62 100
98 8.2 7.0 10.6





#29

Cyclohexane

Concen: 46.995 ug/L

RT: 5.470 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX030694.D

Acq: 19 Aug 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTD050791

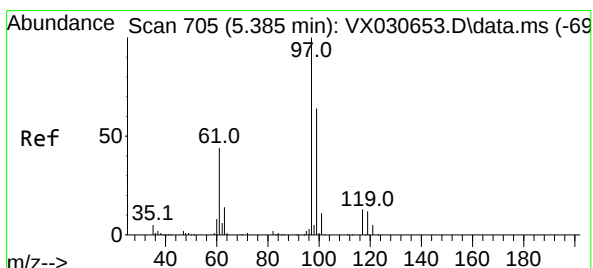
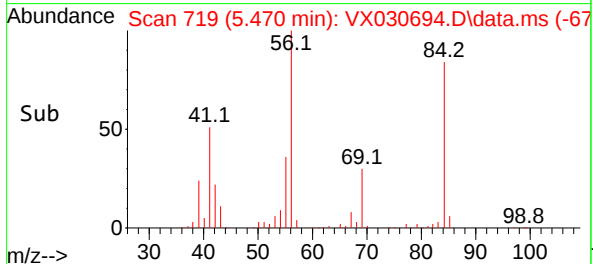
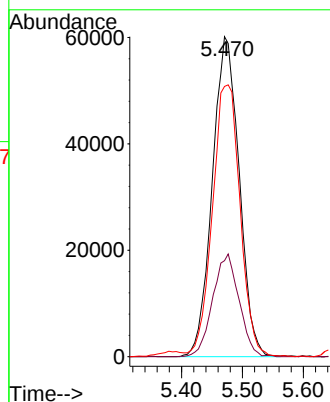
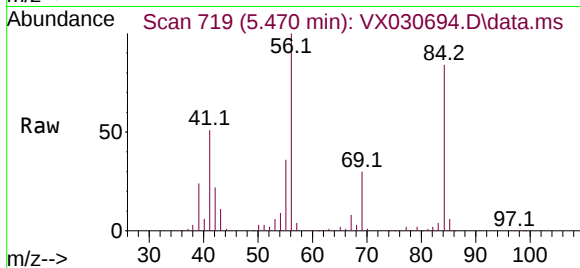
Tgt Ion: 56 Resp: 184135

Ion Ratio Lower Upper

56 100

69 31.3 24.3 36.5

84 87.4 66.7 100.1



#30

1,1,1-Trichloroethane

Concen: 50.209 ug/L

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030694.D

Acq: 19 Aug 2022 10:09

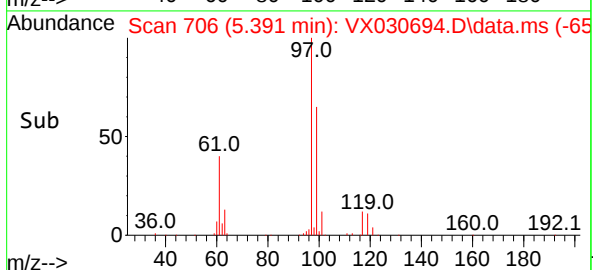
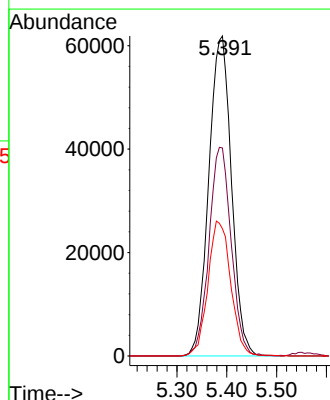
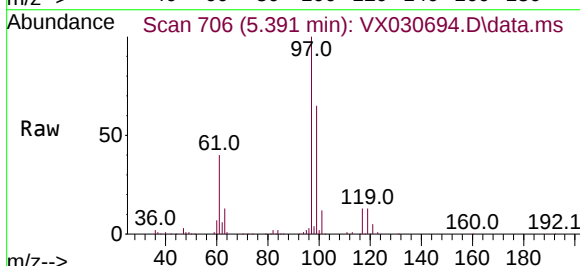
Tgt Ion: 97 Resp: 195196

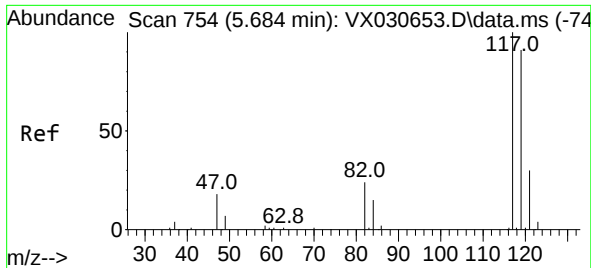
Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.0

61 42.3 37.0 55.6

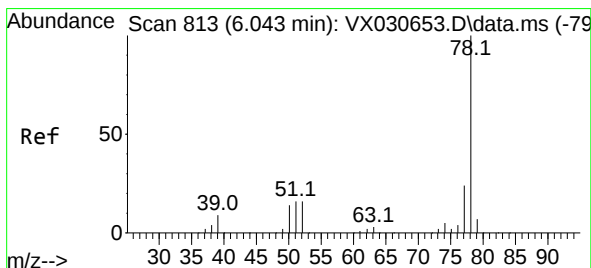
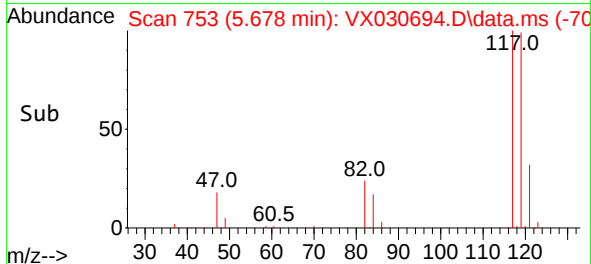
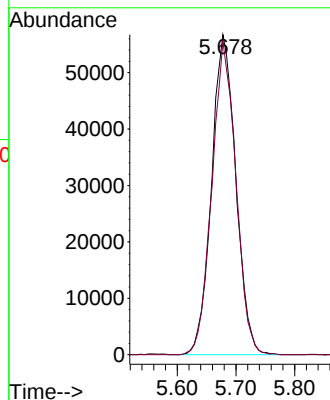
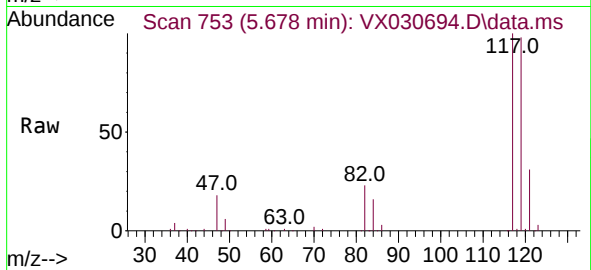




#31
Carbon tetrachloride
Concen: 50.687 ug/L
RT: 5.678 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

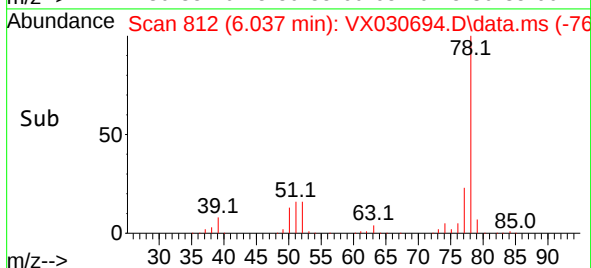
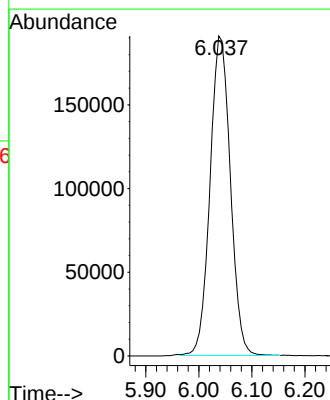
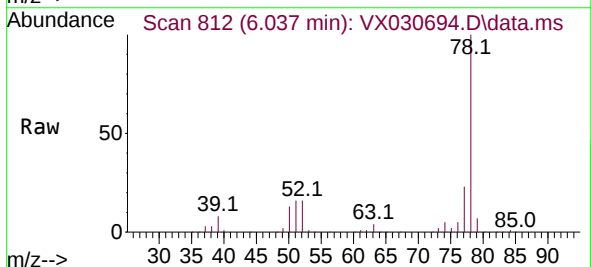
Instrument :
MSVOA_X
ClientSampleId :
VSTD050791

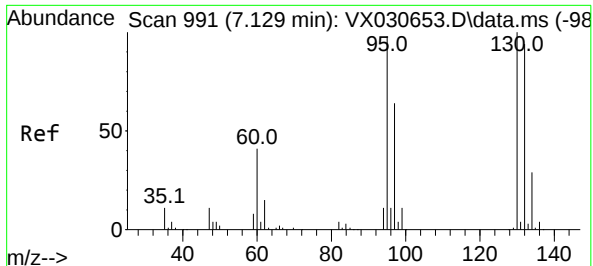
Tgt Ion:117 Resp: 162636
Ion Ratio Lower Upper
117 100
119 96.9 76.2 114.2



#33
Benzene
Concen: 53.828 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

Tgt Ion: 78 Resp: 508654

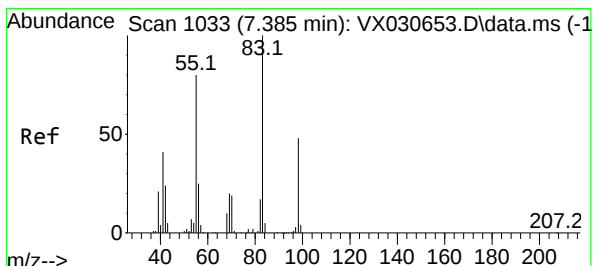
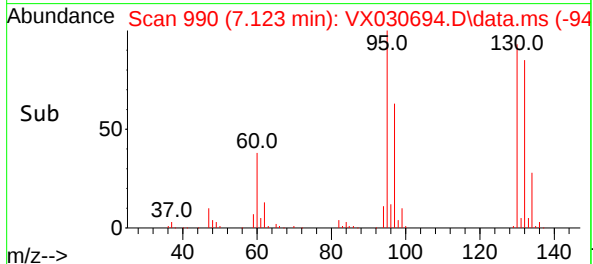
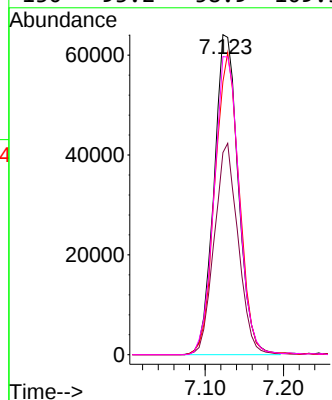
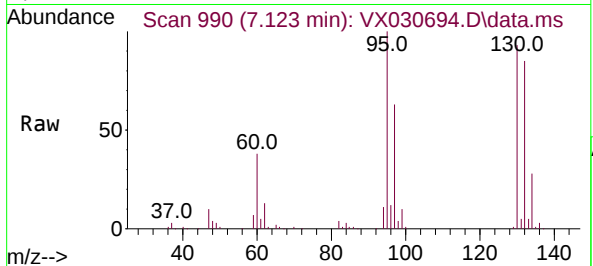




#34
Trichloroethene
Concen: 50.404 ug/L
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

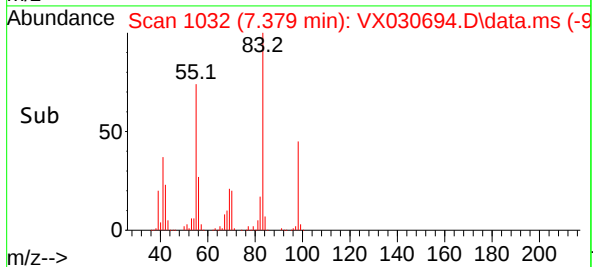
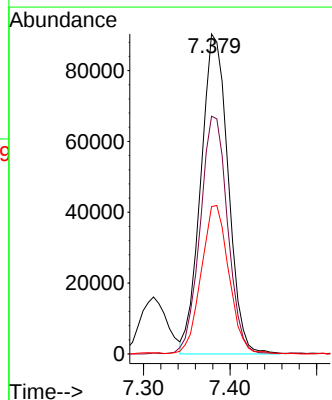
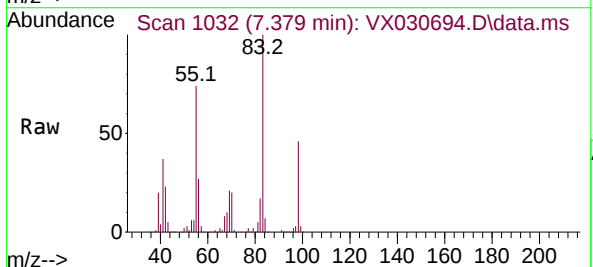
Instrument :
MSVOA_X
ClientSampleId :
VSTD050791

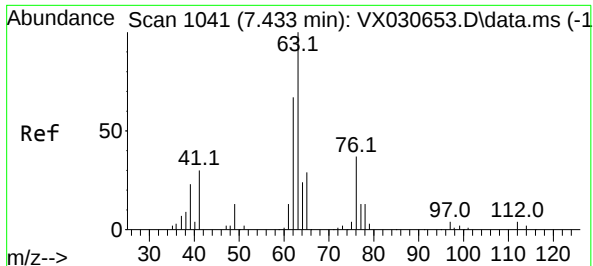
Tgt Ion: 95 Resp: 137950
Ion Ratio Lower Upper
95 100
97 63.2 40.2 74.6
132 85.3 55.3 102.7
130 93.2 58.9 109.5



#35
Methylcyclohexane
Concen: 49.814 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

Tgt Ion: 83 Resp: 198473
Ion Ratio Lower Upper
83 100
55 74.5 64.0 96.0
98 46.9 36.7 55.1





#37

1,2-Dichloropropane

Concen: 55.048 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX030694.D

Acq: 19 Aug 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

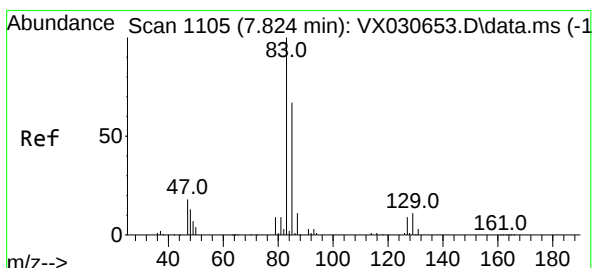
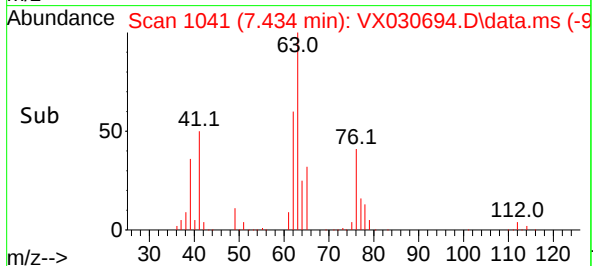
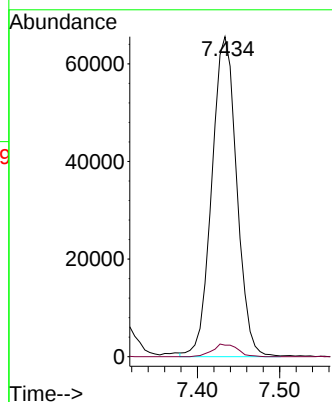
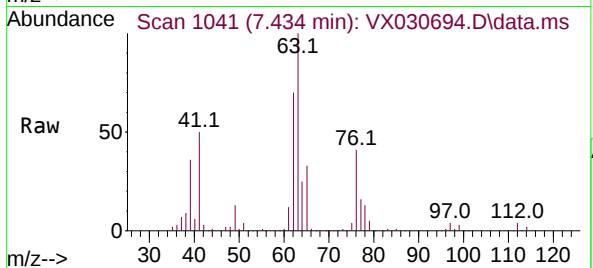
VSTD050791

Tgt Ion: 63 Resp: 138309

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.4



#38

Bromodichloromethane

Concen: 53.099 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX030694.D

Acq: 19 Aug 2022 10:09

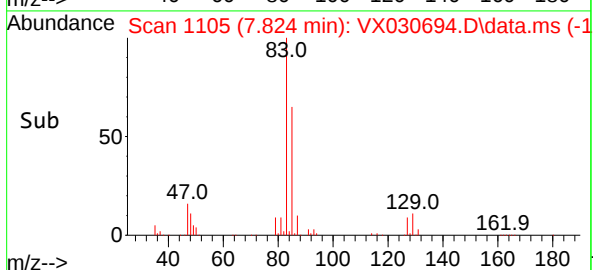
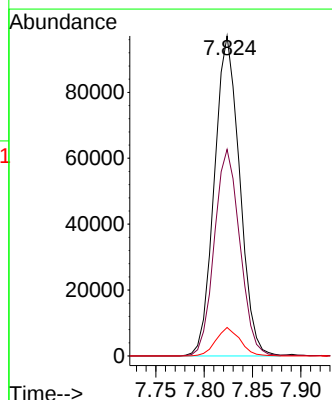
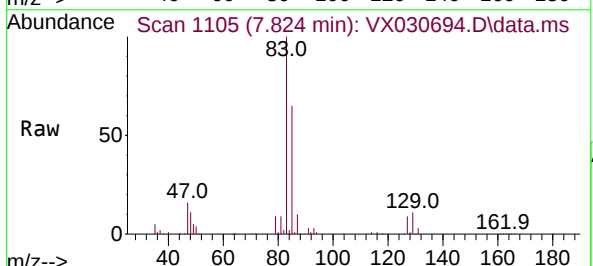
Tgt Ion: 83 Resp: 176568

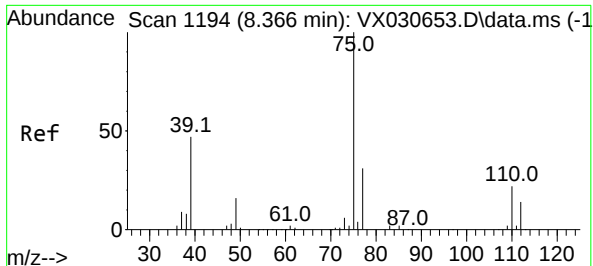
Ion Ratio Lower Upper

83 100

85 64.6 42.5 78.9

127 8.9 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 53.257 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX030694.D

Acq: 19 Aug 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

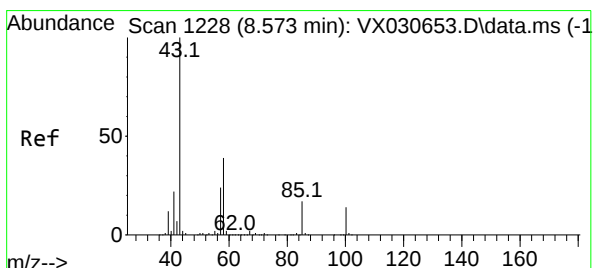
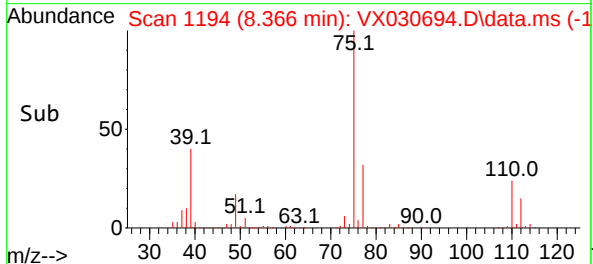
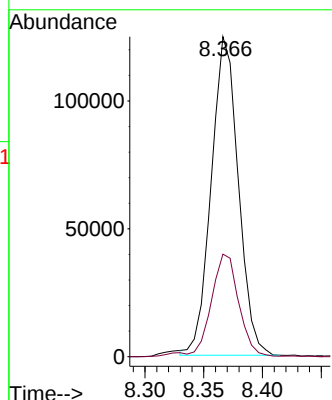
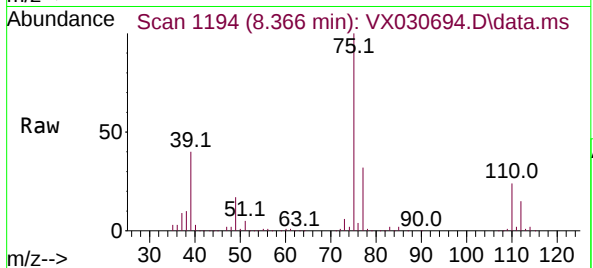
VSTD050791

Tgt Ion: 75 Resp: 199609

Ion Ratio Lower Upper

75 100

77 32.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 92.379 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX030694.D

Acq: 19 Aug 2022 10:09

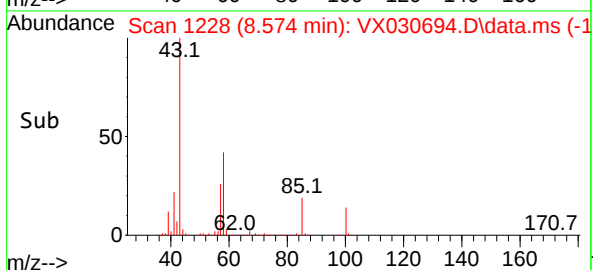
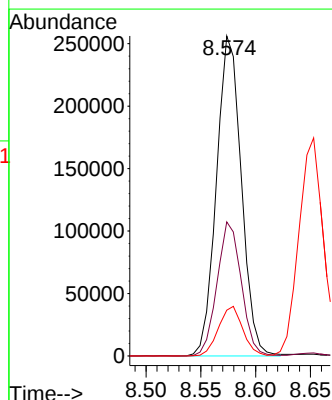
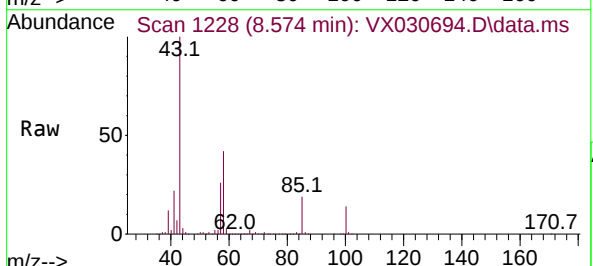
Tgt Ion: 43 Resp: 404192

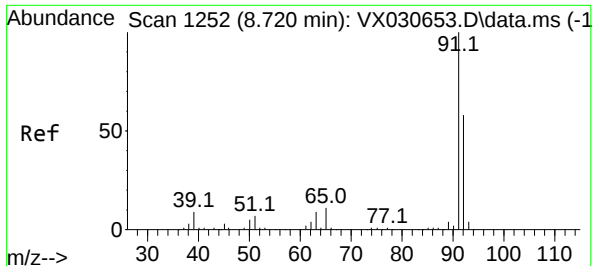
Ion Ratio Lower Upper

43 100

58 40.8 29.0 43.6

100 15.2 10.5 15.7





#42

Toluene

Concen: 54.230 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX030694.D

Acq: 19 Aug 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

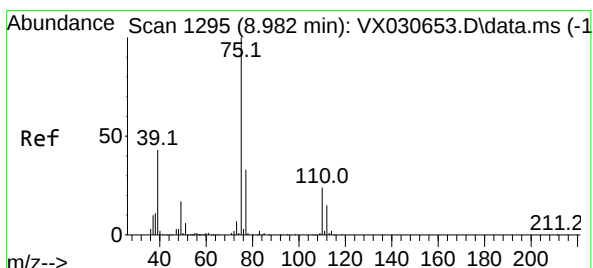
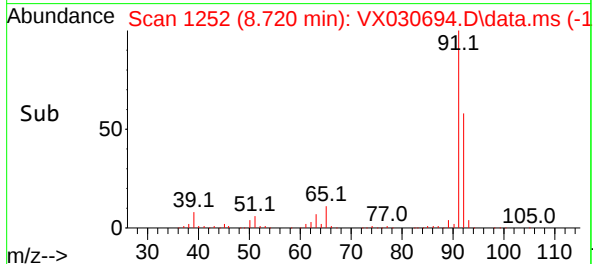
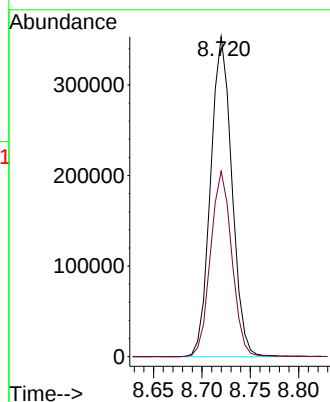
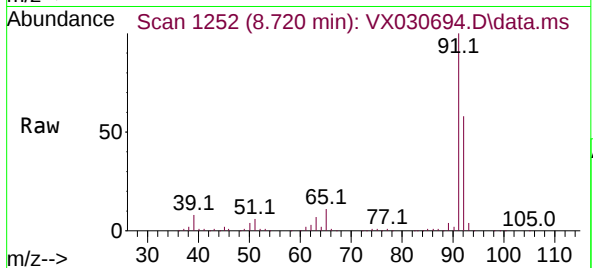
VSTD050791

Tgt Ion: 91 Resp: 541353

Ion Ratio Lower Upper

91 100

92 58.0 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 54.630 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX030694.D

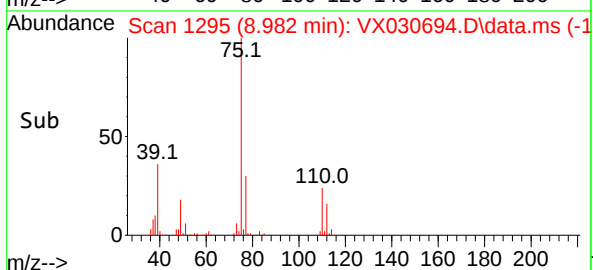
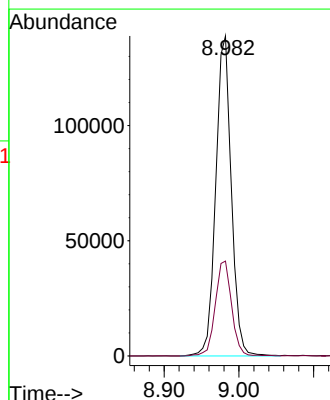
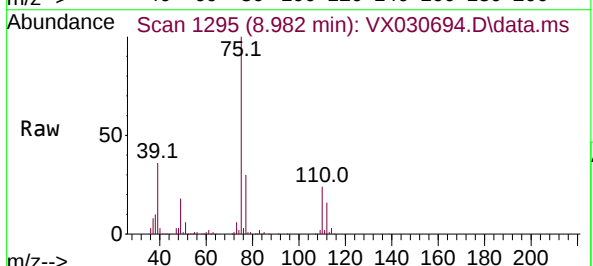
Acq: 19 Aug 2022 10:09

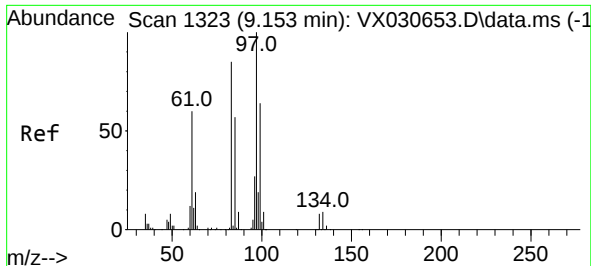
Tgt Ion: 75 Resp: 200407

Ion Ratio Lower Upper

75 100

77 29.7 22.5 41.7

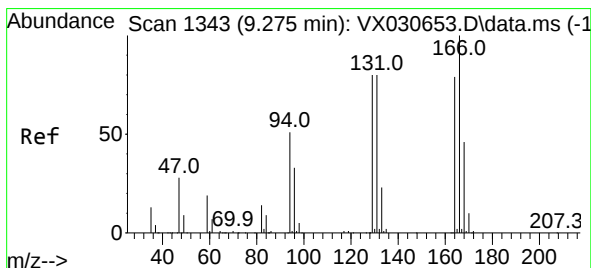
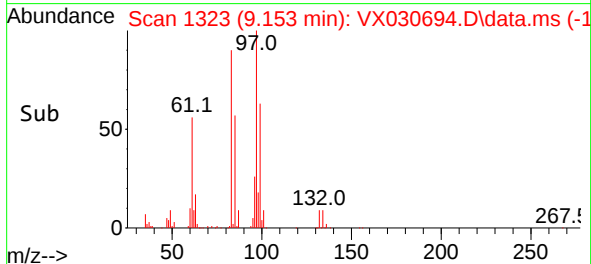
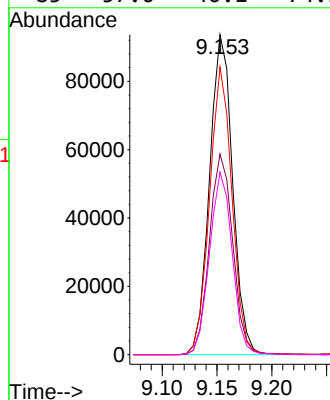
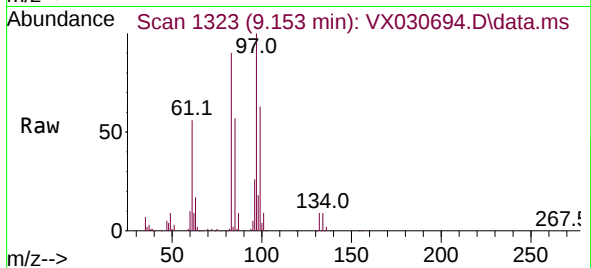




#45
1,1,2-Trichloroethane
Concen: 58.822 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

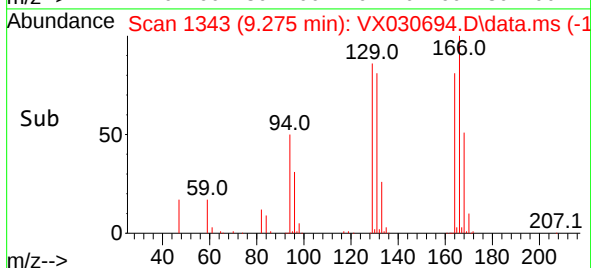
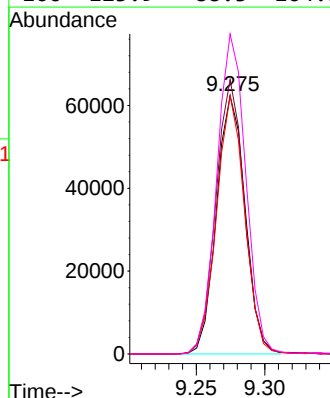
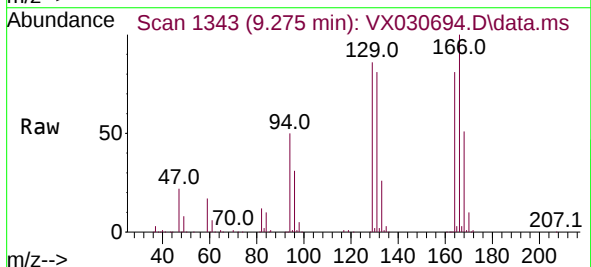
Instrument :
MSVOA_X
ClientSampleId :
VSTD050791

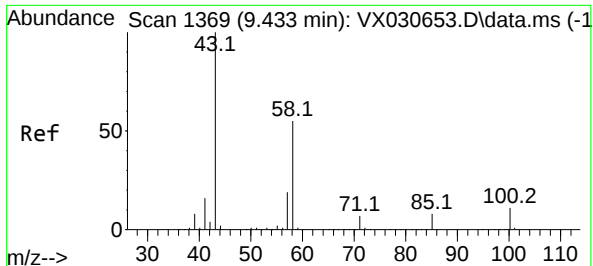
Tgt Ion:	97	Resp:	137424
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.3	80.3
83	89.9	63.0	117.0
85	57.0	40.1	74.5



#46
Tetrachloroethene
Concen: 52.491 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

Tgt Ion:	164	Resp:	90792
Ion	Ratio	Lower	Upper
164	100		
129	106.2	72.7	135.1
131	99.9	69.9	129.9
166	123.9	88.3	164.1





#48

2-Hexanone

Concen: 93.098 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX030694.D

Acq: 19 Aug 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTD050791

Tgt Ion: 43 Resp: 316493

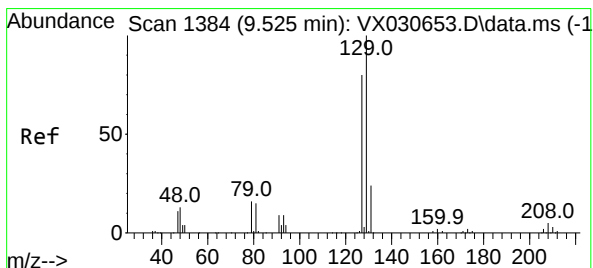
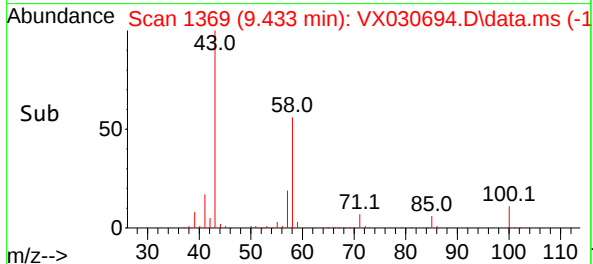
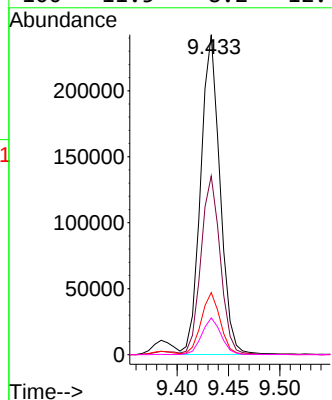
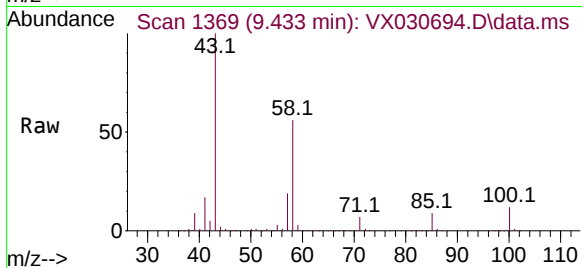
Ion Ratio Lower Upper

43 100

58 56.0 40.4 60.6

57 19.4 14.6 22.0

100 11.5 8.2 12.4



#49

Dibromochloromethane

Concen: 56.162 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX030694.D

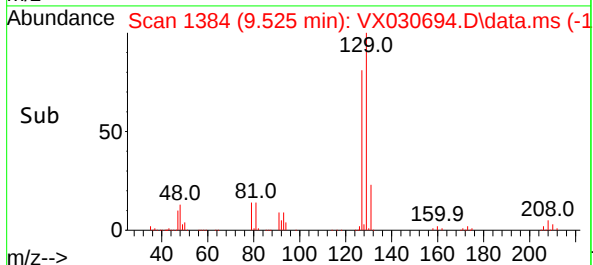
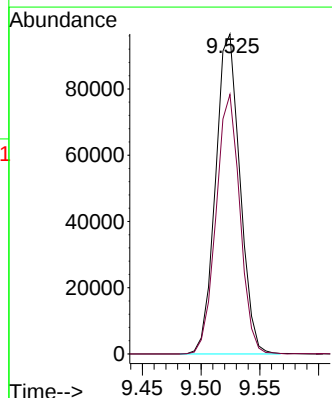
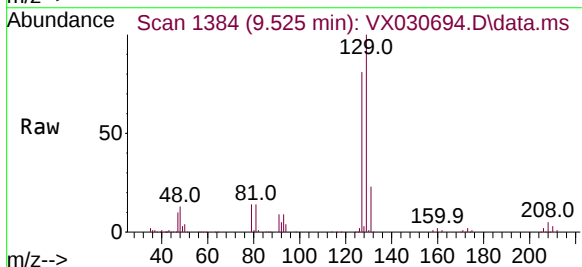
Acq: 19 Aug 2022 10:09

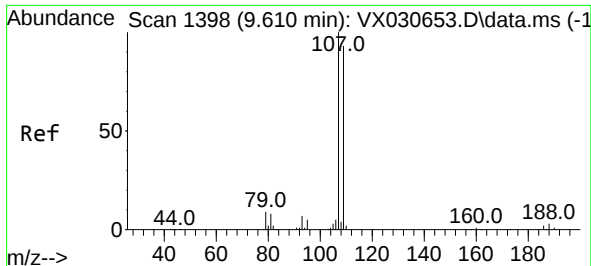
Tgt Ion:129 Resp: 139590

Ion Ratio Lower Upper

129 100

127 81.1 55.6 103.2

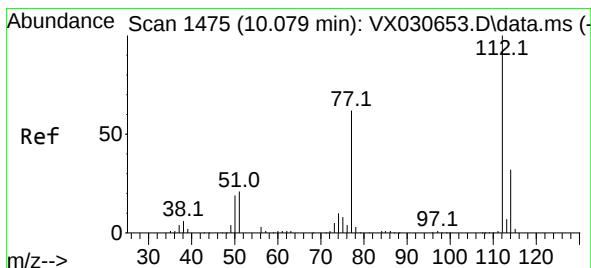
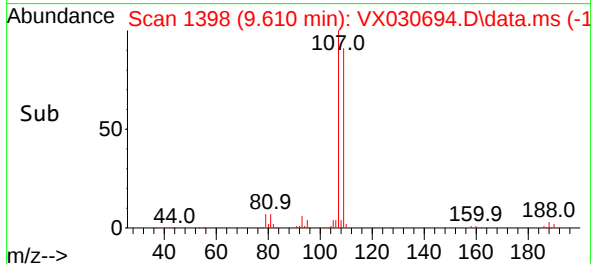
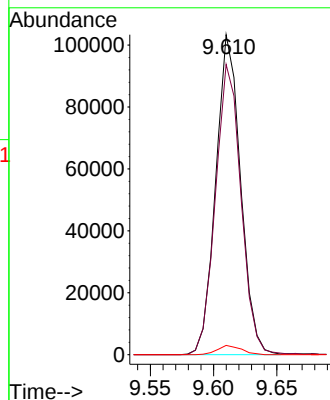
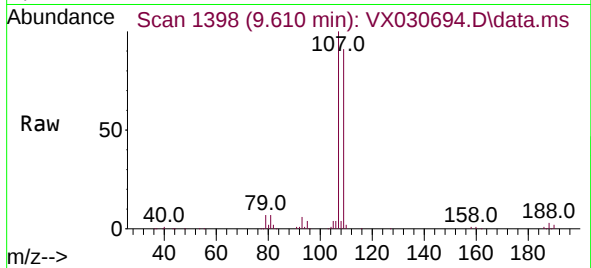




#50
1,2-Dibromoethane
Concen: 54.779 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

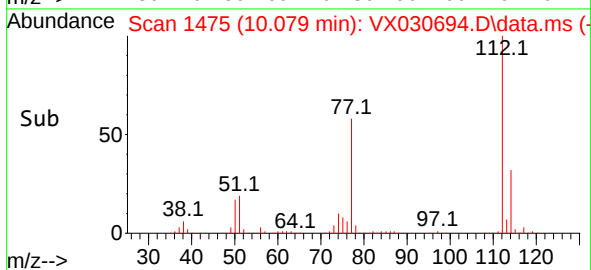
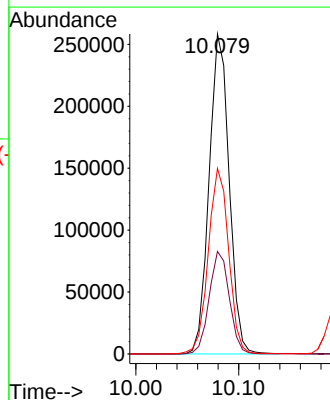
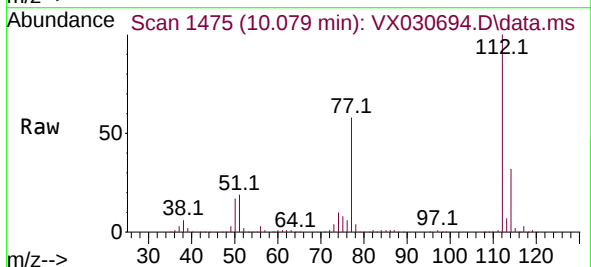
Instrument :
MSVOA_X
ClientSampleId :
VSTD050791

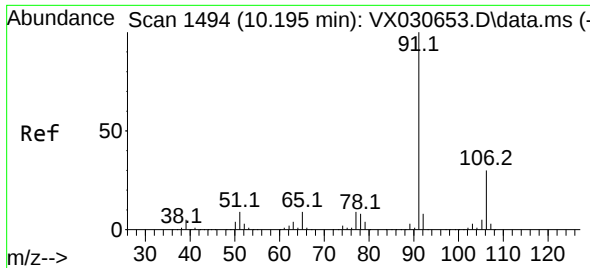
Tgt Ion:107 Resp: 140739
Ion Ratio Lower Upper
107 100
109 90.7 64.8 120.4
188 2.9 2.2 3.2



#51
Chlorobenzene
Concen: 56.253 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

Tgt Ion:112 Resp: 349845
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.5
77 58.0 50.8 76.2

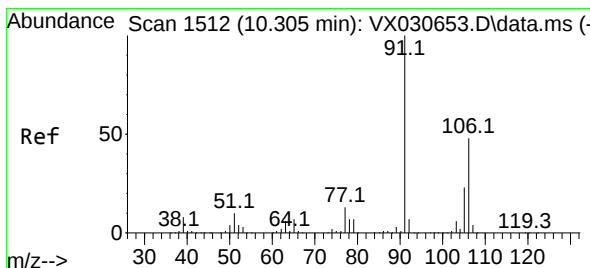
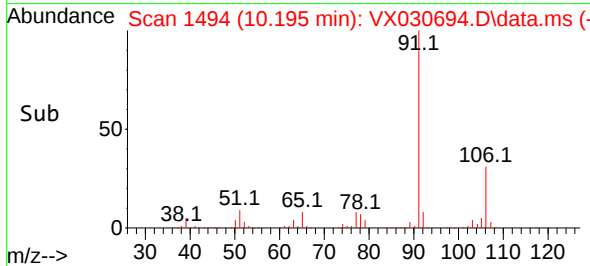
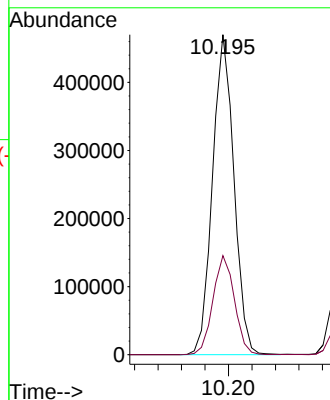
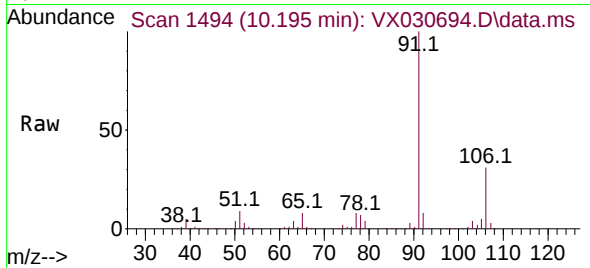




#52
Ethylbenzene
Concen: 54.596 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

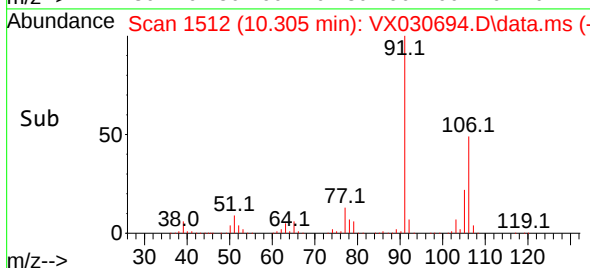
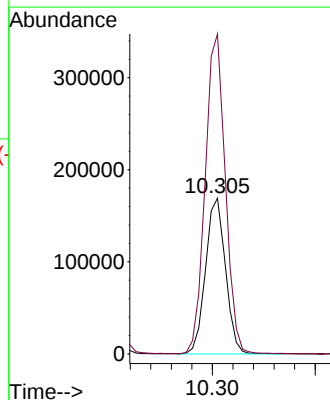
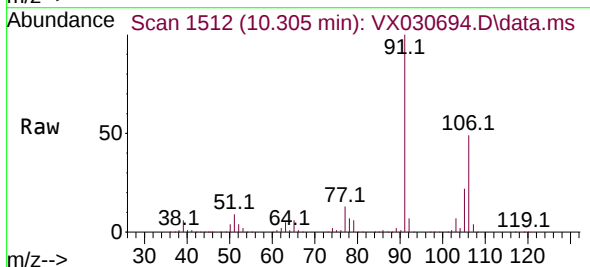
Instrument :
MSVOA_X
ClientSampleId :
VSTD050791

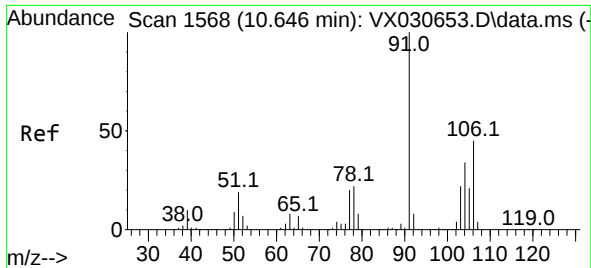
Tgt Ion: 91 Resp: 594255
Ion Ratio Lower Upper
91 100
106 31.0 21.3 39.5



#53
m,p-Xylene
Concen: 56.223 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

Tgt Ion: 106 Resp: 228096
Ion Ratio Lower Upper
106 100
91 205.4 147.8 274.6

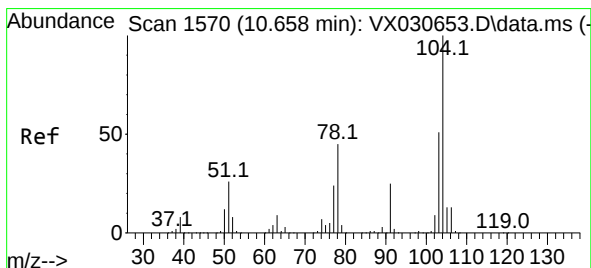
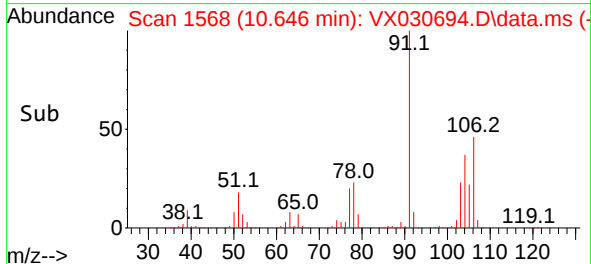
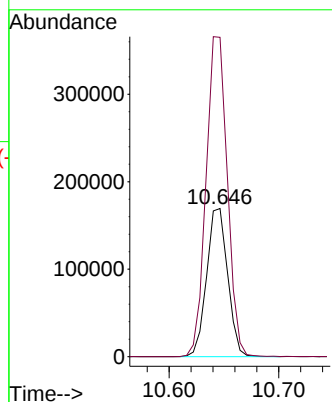
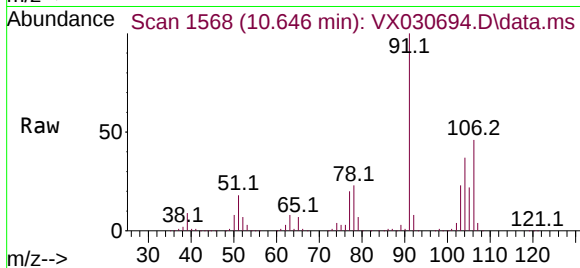




#54
o-Xylene
Concen: 55.777 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

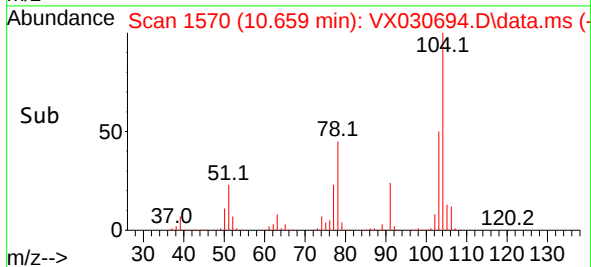
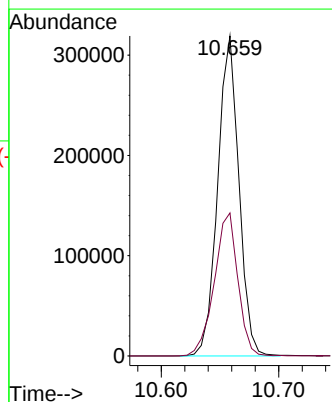
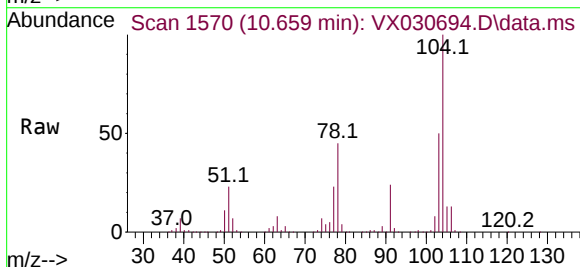
Instrument :
MSVOA_X
ClientSampleId :
VSTD050791

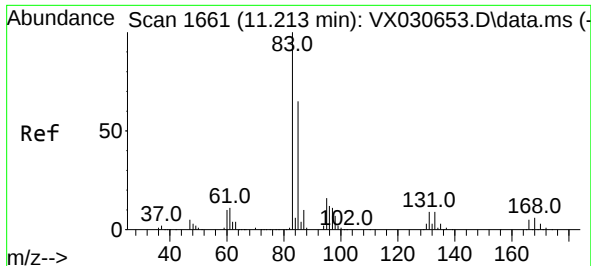
Tgt Ion:106 Resp: 225488
Ion Ratio Lower Upper
106 100
91 215.6 157.8 293.0



#55
Styrene
Concen: 58.920 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

Tgt Ion:104 Resp: 401062
Ion Ratio Lower Upper
104 100
78 44.7 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 59.166 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030694.D

Acq: 19 Aug 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTD050791

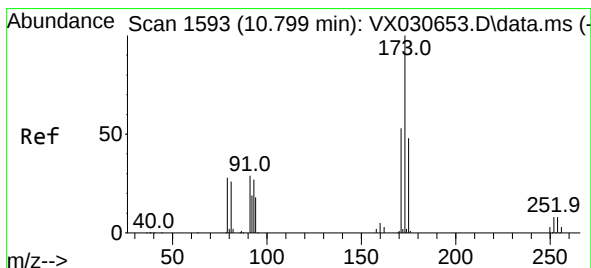
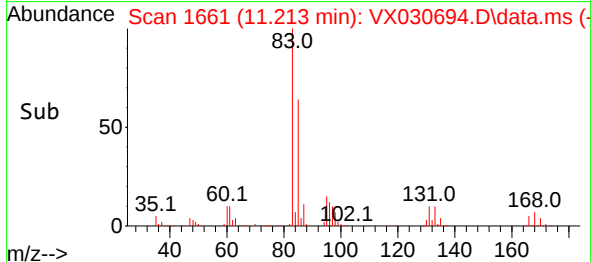
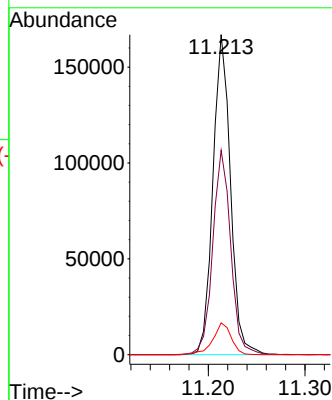
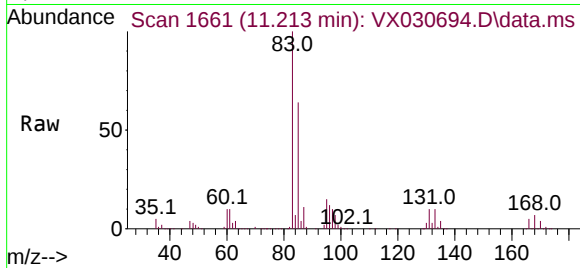
Tgt Ion: 83 Resp: 210324

Ion Ratio Lower Upper

83 100

85 63.9 44.4 82.4

131 10.0 7.5 11.3



#59

Bromoform

Concen: 55.510 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX030694.D

Acq: 19 Aug 2022 10:09

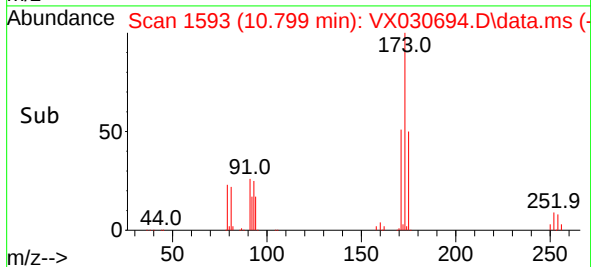
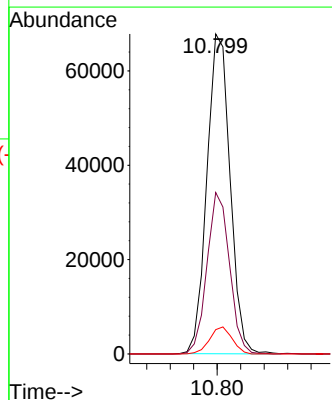
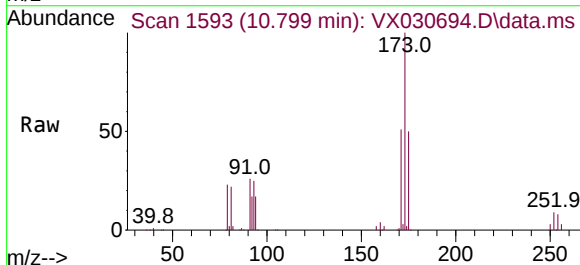
Tgt Ion:173 Resp: 92739

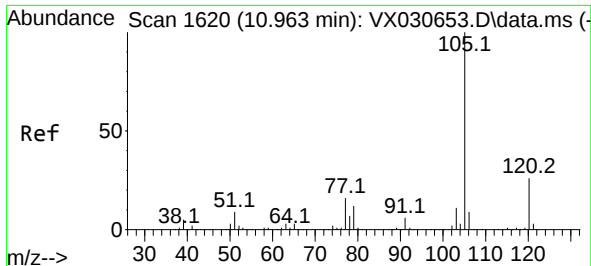
Ion Ratio Lower Upper

173 100

175 49.0 38.9 58.3

254 8.3 7.0 10.4

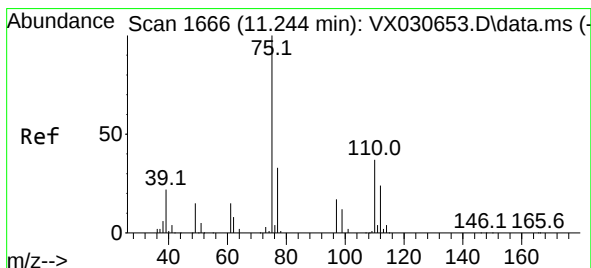
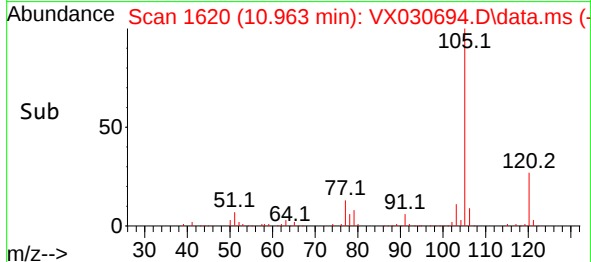
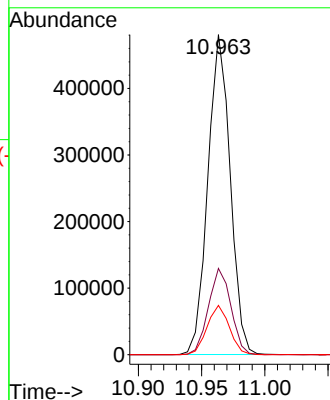
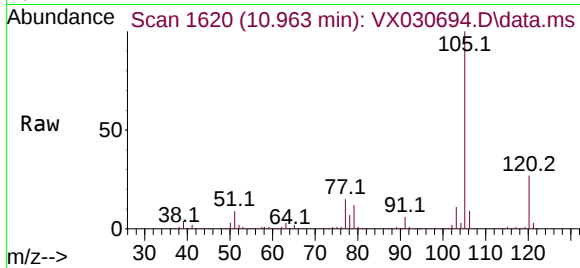




#60
Isopropylbenzene
Concen: 54.214 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

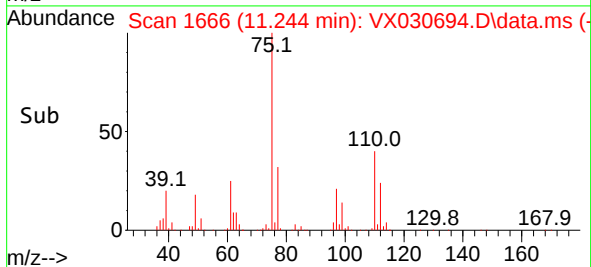
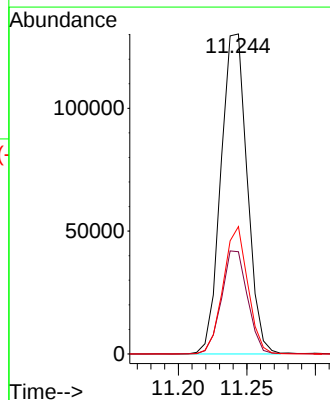
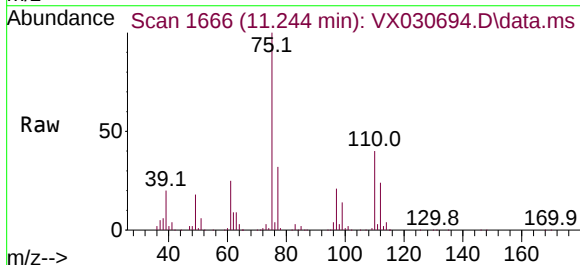
Instrument :
MSVOA_X
ClientSampleId :
VSTD050791

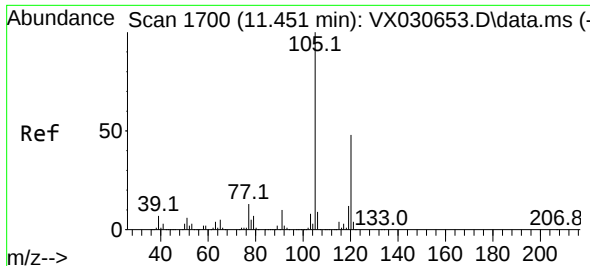
Tgt Ion:105 Resp: 589567
Ion Ratio Lower Upper
105 100
120 27.1 20.6 31.0
77 15.4 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 52.767 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

Tgt Ion: 75 Resp: 173853
Ion Ratio Lower Upper
75 100
77 31.6 26.1 39.1
110 37.3 30.5 45.7

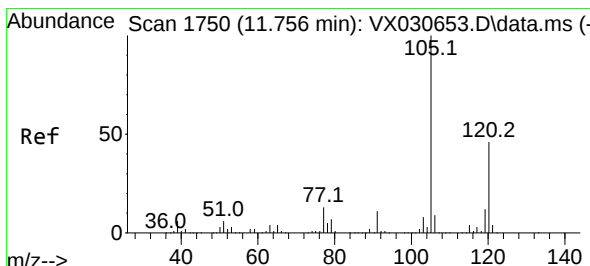
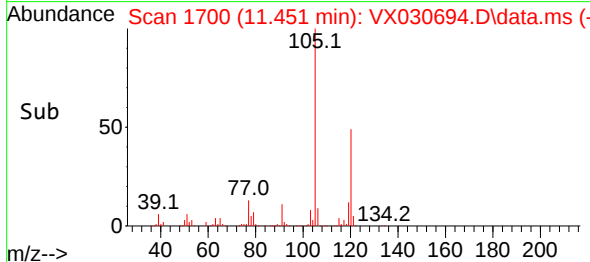
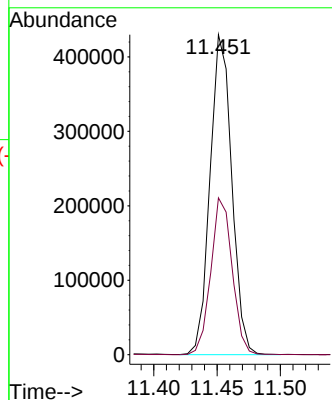
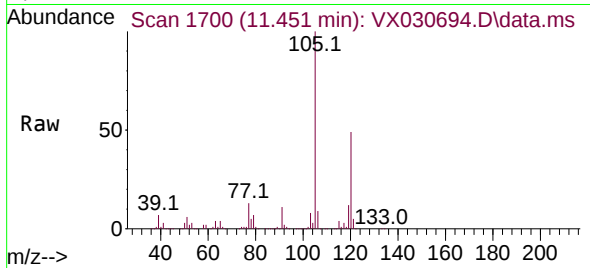




#62
1,3,5-Trimethylbenzene
Concen: 55.351 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

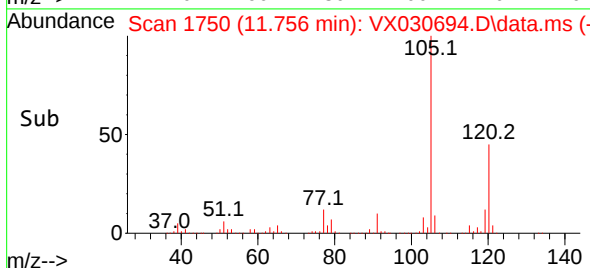
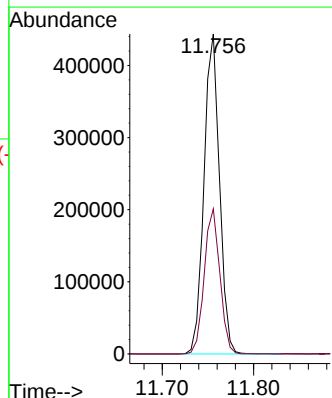
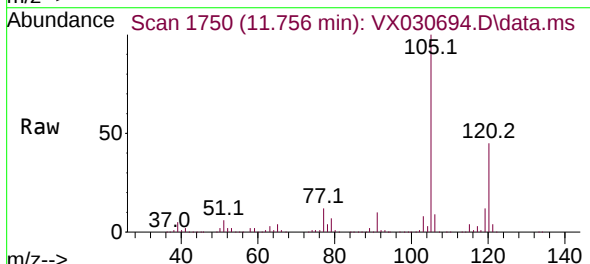
Instrument :
MSVOA_X
ClientSampleId :
VSTD050791

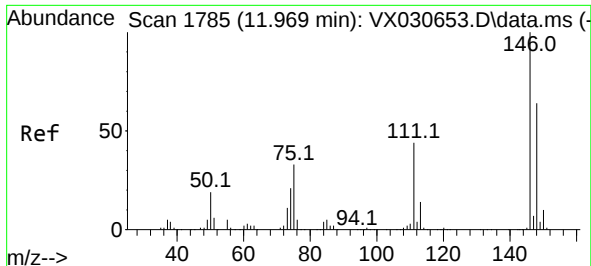
Tgt Ion:105 Resp: 513890
Ion Ratio Lower Upper
105 100
120 48.2 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 55.532 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

Tgt Ion:105 Resp: 520672
Ion Ratio Lower Upper
105 100
120 45.7 35.9 53.9

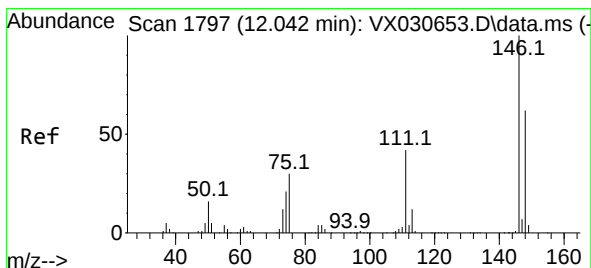
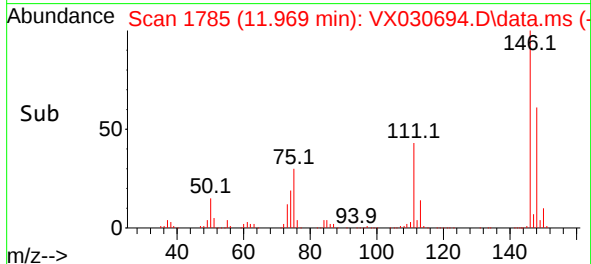
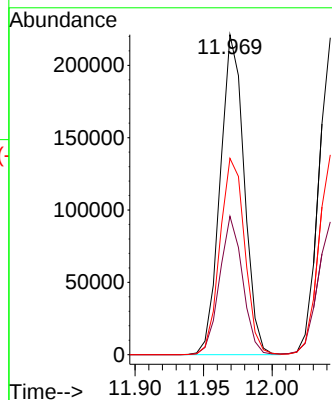
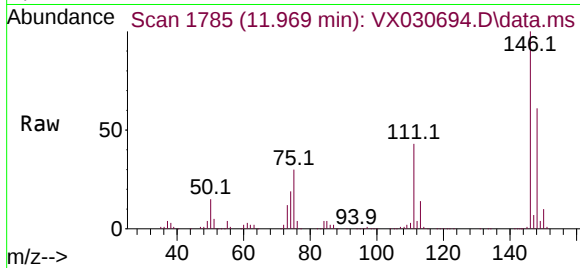




#64
1,3-Dichlorobenzene
Concen: 56.837 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

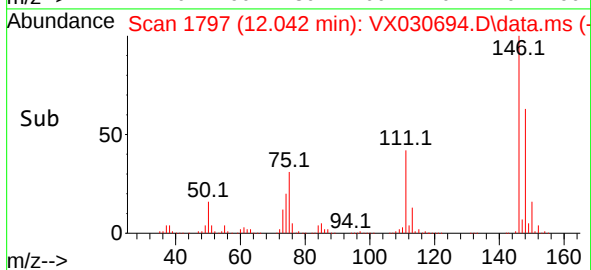
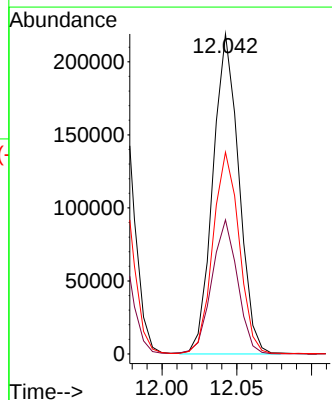
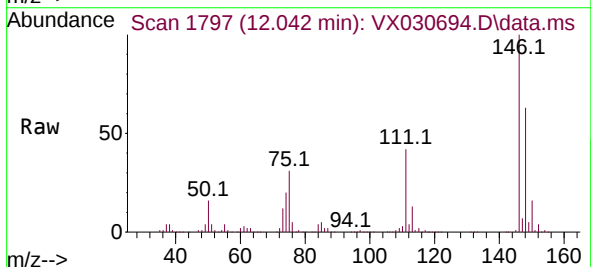
Instrument :
MSVOA_X
ClientSampleId :
VSTD050791

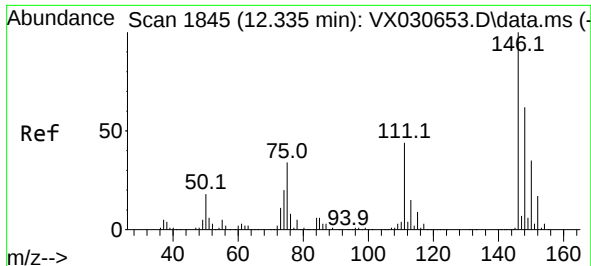
Tgt Ion:146 Resp: 268687
Ion Ratio Lower Upper
146 100
111 43.3 30.9 57.5
148 61.3 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 55.072 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

Tgt Ion:146 Resp: 264654
Ion Ratio Lower Upper
146 100
111 41.9 32.6 60.6
148 63.1 48.3 89.7





#67

1,2-Dichlorobenzene

Concen: 55.866 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030694.D

Acq: 19 Aug 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTD050791

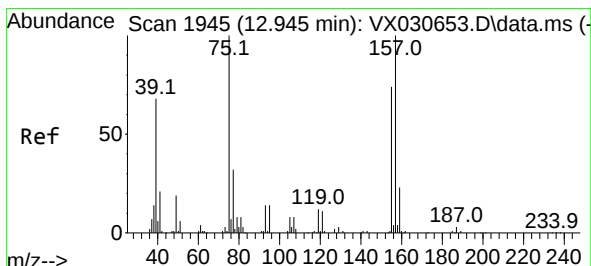
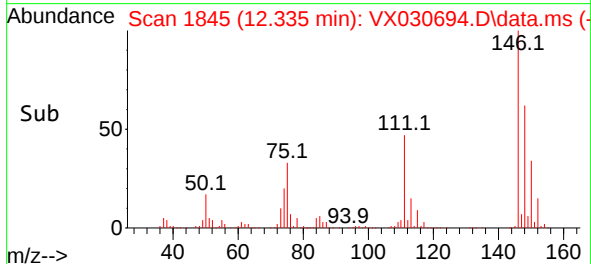
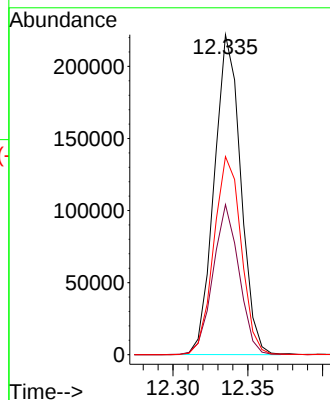
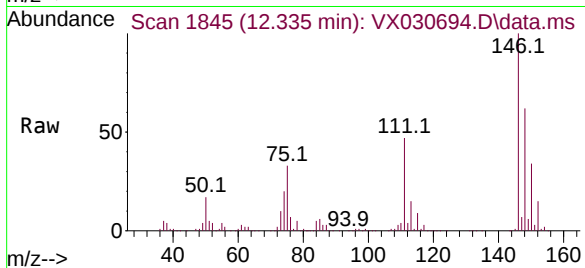
Tgt Ion:146 Resp: 273109

Ion Ratio Lower Upper

146 100

111 46.9 36.9 55.3

148 61.9 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 47.584 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX030694.D

Acq: 19 Aug 2022 10:09

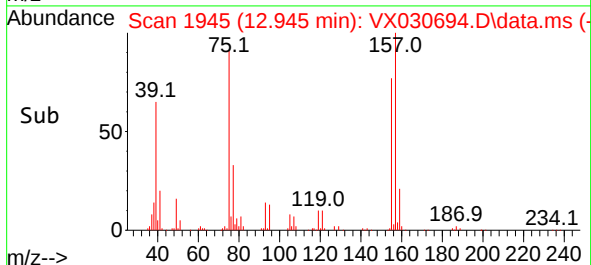
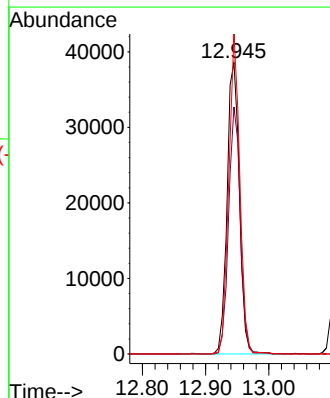
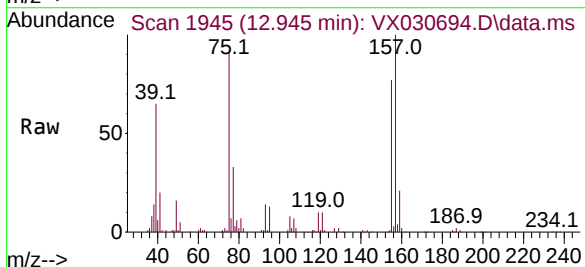
Tgt Ion: 75 Resp: 51716

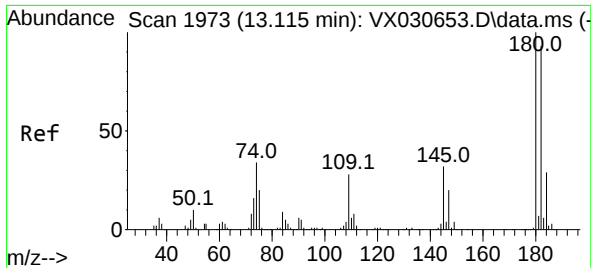
Ion Ratio Lower Upper

75 100

155 84.8 57.1 85.7

157 109.8 73.1 109.7#

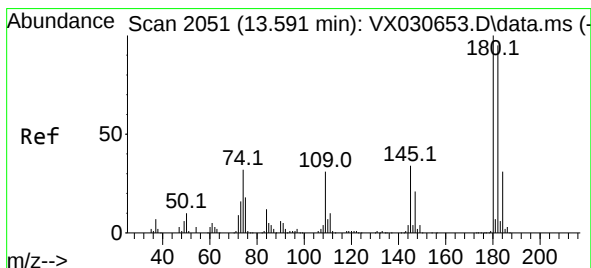
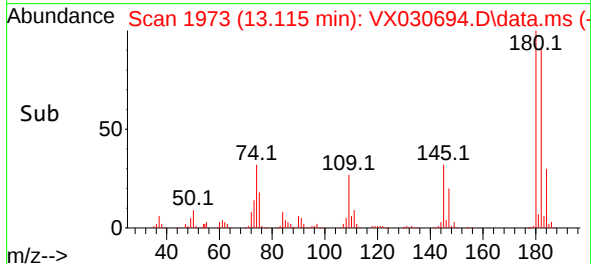
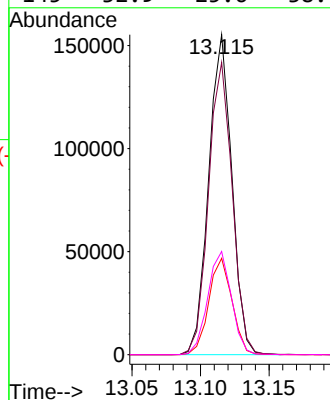
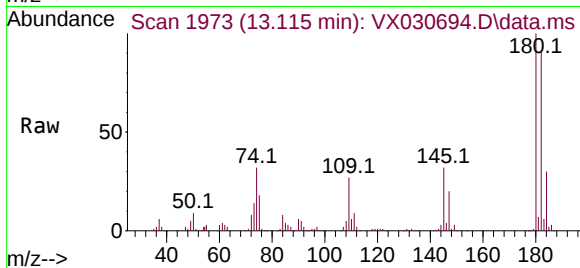




#69
1,3,5-Trichlorobenzene
Concen: 55.036 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

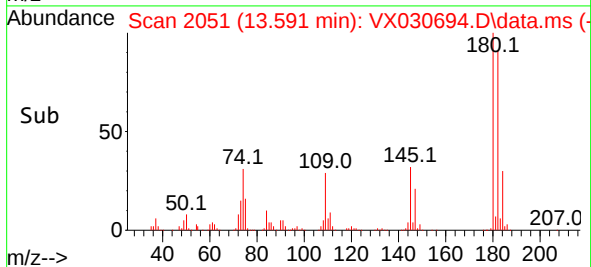
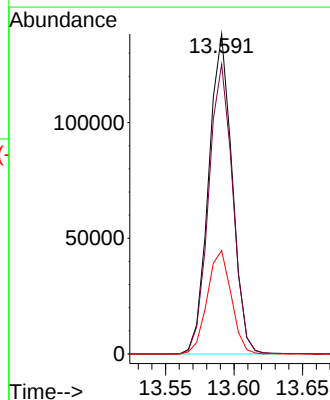
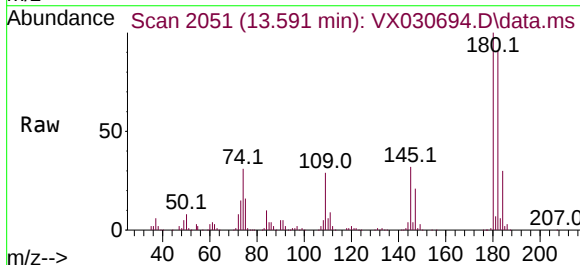
Instrument :
MSVOA_X
ClientSampleId :
VSTD050791

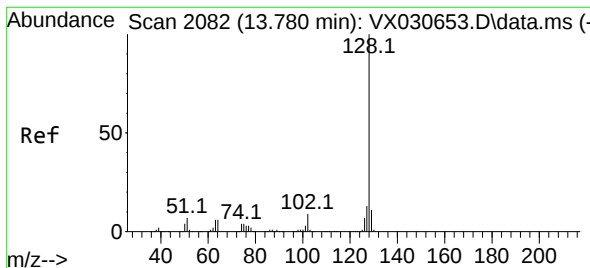
Tgt Ion:180 Resp: 182455
Ion Ratio Lower Upper
180 100
182 93.7 73.7 110.5
184 30.3 24.1 36.1
145 32.9 25.6 38.4



#70
1,2,4-trichlorobenzene
Concen: 56.640 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX030694.D
Acq: 19 Aug 2022 10:09

Tgt Ion:180 Resp: 164908
Ion Ratio Lower Upper
180 100
182 92.5 72.7 109.1
145 32.9 26.6 40.0





#71

Naphthalene

Concen: 54.141 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX030694.D

Acq: 19 Aug 2022 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTD050791

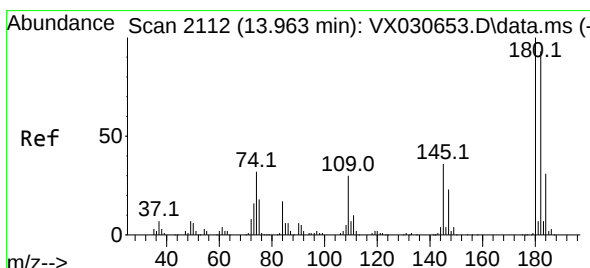
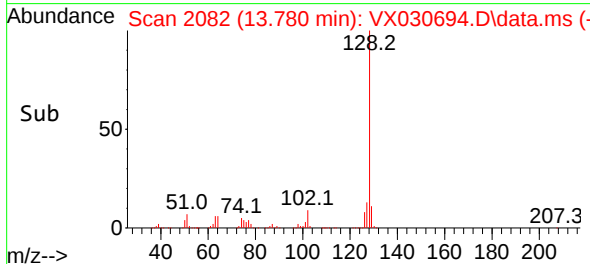
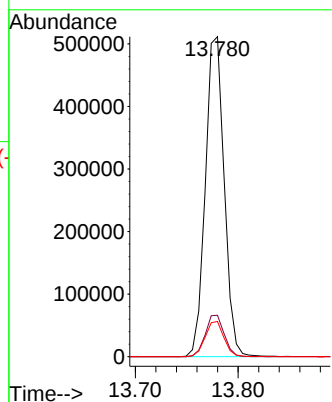
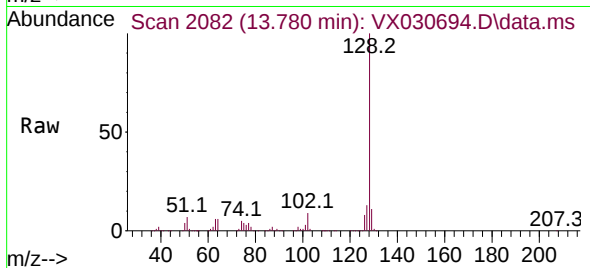
Tgt Ion:128 Resp: 652502

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 56.448 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX030694.D

Acq: 19 Aug 2022 10:09

Tgt Ion:180 Resp: 173603

Ion Ratio Lower Upper

180 100

182 92.3 74.6 112.0

145 35.8 28.4 42.6

