

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082222\
 Data File : VX030718.D
 Acq On : 22 Aug 2022 16:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050794

Quant Time: Aug 23 02:08:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 23 02:05:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	330288	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	295253	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	150506	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	90180	42.517	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.040%
7) Chloroethane-d5	1.666	69	71386	47.742	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.480%
11) 1,1-Dichloroethene-d2	2.307	63	177441	44.226	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.460%
21) 2-Butanone-d5	4.465	46	180099	91.641	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.640%
24) Chloroform-d	5.062	84	206167	47.218	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.440%
26) 1,2-Dichloroethane-d4	5.964	65	121506	40.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.960%
32) Benzene-d6	5.977	84	401910	47.522	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.040%
36) 1,2-Dichloropropane-d6	7.312	67	133364	48.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.200%
41) Toluene-d8	8.653	98	373501	46.851	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.700%
43) trans-1,3-Dichloroprop...	8.952	79	59598	43.659	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.320%
47) 2-Hexanone-d5	9.391	63	138608	99.101	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.100%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	190283	52.788	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.580%
66) 1,2-Dichlorobenzene-d4	12.323	152	139920	47.931	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90012	36.217	ug/L	96
3) Chloromethane	1.288	50	93471	43.738	ug/L	97
5) Vinyl chloride	1.374	62	104053	45.584	ug/L	98
6) Bromomethane	1.605	94	35103	32.724	ug/L	96
8) Chloroethane	1.685	64	61515	47.310	ug/L	98
9) Trichlorofluoromethane	1.886	101	150498	44.610	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	102083	50.874	ug/L	98
12) 1,1-Dichloroethene	2.319	96	96036	51.949	ug/L #	68
13) Acetone	2.386	43	111731	77.573	ug/L	90
14) Carbon disulfide	2.514	76	235873	39.366	ug/L	100
15) Methyl Acetate	2.709	43	130640	43.820	ug/L	94
16) Methylene chloride	2.788	84	116798	49.826	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	99755	46.577	ug/L	90
18) Methyl tert-butyl Ether	3.117	73	349134	47.936	ug/L	95
19) 1,1-Dichloroethane	3.611	63	201282	48.592	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	123752	51.366	ug/L	85
22) 2-Butanone	4.562	43	192129	84.558	ug/L	91
23) Bromochloromethane	4.904	128	61329	50.761	ug/L	94
25) Chloroform	5.099	83	216997	49.858	ug/L	99

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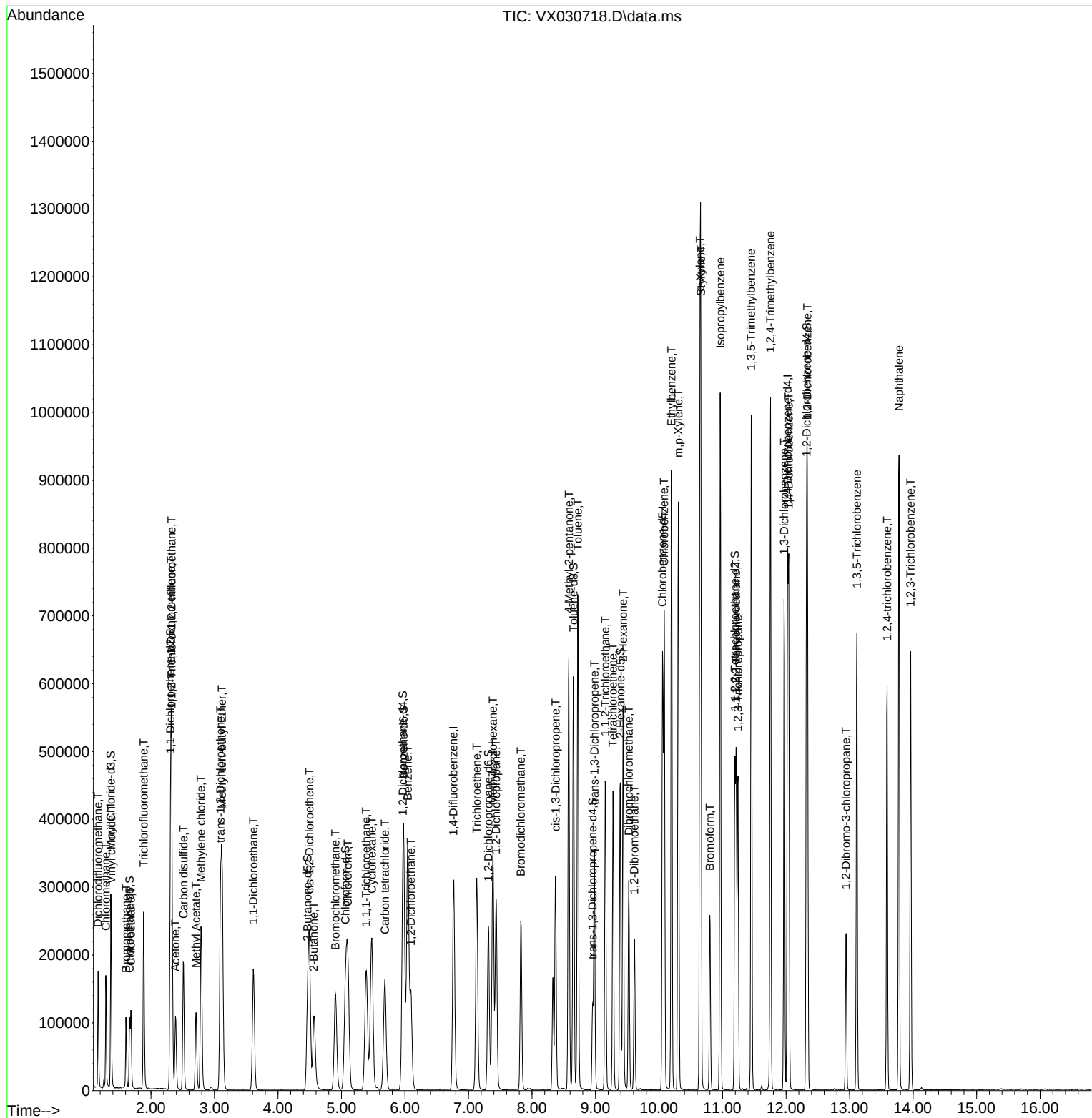
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	150608	41.577	ug/L #	93
29) Cyclohexane	5.477	56	160129	40.796	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	179257	46.028	ug/L	97
31) Carbon tetrachloride	5.684	117	152942	47.581	ug/L	99
33) Benzene	6.044	78	460638	48.660	ug/L	100
34) Trichloroethene	7.129	95	122655	44.736	ug/L	86
35) Methylcyclohexane	7.385	83	168034	42.099	ug/L	95
37) 1,2-Dichloropropane	7.434	63	124700	49.543	ug/L	99
38) Bromodichloromethane	7.824	83	166690	50.039	ug/L	96
39) cis-1,3-Dichloropropene	8.373	75	178022	47.413	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	376683	85.939	ug/L	92
42) Toluene	8.720	91	490569	49.056	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	172151	46.844	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	125905	53.796	ug/L	99
46) Tetrachloroethene	9.275	164	79157	45.683	ug/L	98
48) 2-Hexanone	9.433	43	289850	85.110	ug/L #	92
49) Dibromochloromethane	9.525	129	137172	55.091	ug/L	96
50) 1,2-Dibromoethane	9.610	107	129239	50.214	ug/L	97
51) Chlorobenzene	10.080	112	318350	51.098	ug/L	95
52) Ethylbenzene	10.195	91	535274	49.090	ug/L	98
53) m,p-Xylene	10.305	106	204200	50.244	ug/L	94
54) o-Xylene	10.646	106	202764	50.067	ug/L	95
55) Styrene	10.659	104	358216	52.532	ug/L	91
57) 1,1,2,2-Tetrachloroethane	11.213	83	197625	55.495	ug/L	99
59) Bromoform	10.799	173	96030	58.592	ug/L	97
60) Isopropylbenzene	10.964	105	533857	50.042	ug/L	98
61) 1,2,3-Trichloropropane	11.244	75	161066	49.832	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	458238	50.312	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	452482	49.194	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	231920	50.009	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	235113	49.871	ug/L	90
67) 1,2-Dichlorobenzene	12.335	146	239413	49.921	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	47491	44.543	ug/L	84
69) 1,3,5-Trichlorobenzene	13.116	180	153647	47.243	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	140861	49.317	ug/L	98
71) Naphthalene	13.780	128	592302	50.097	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	148472	49.211	ug/L	99

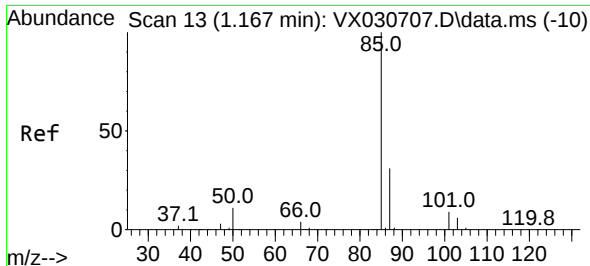
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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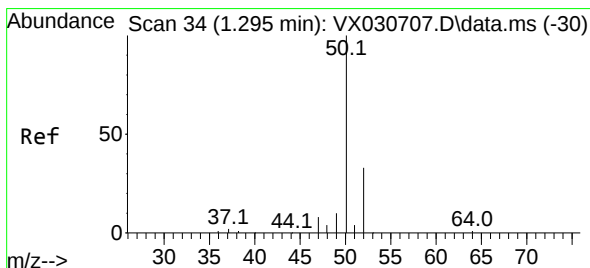
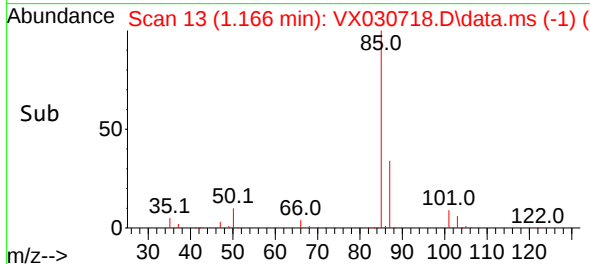
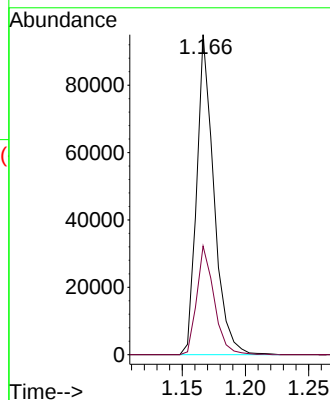
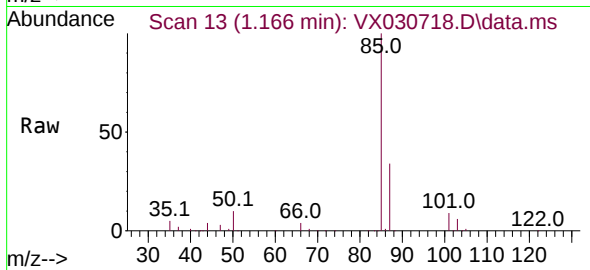




#2
 Dichlorodifluoromethane
 Concen: 36.217 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030718.D
 Acq: 22 Aug 2022 16:36

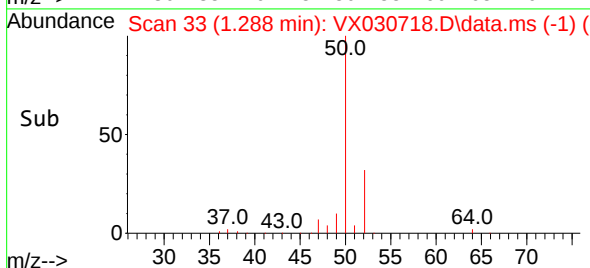
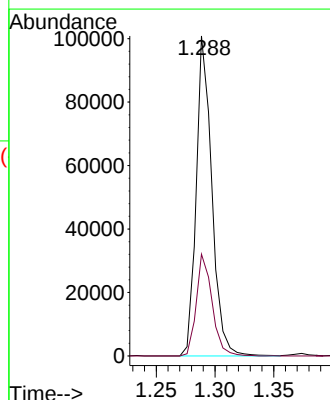
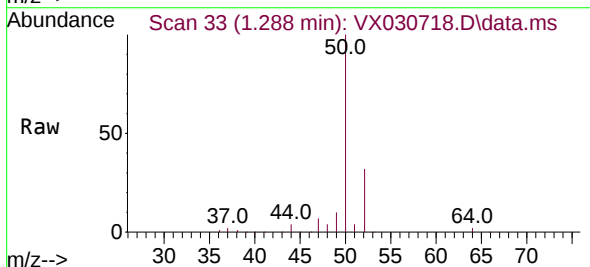
Instrument :
 MSVOA_X
 ClientSampleId :
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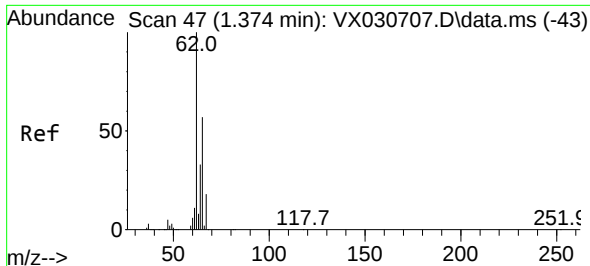
Tgt Ion: 85 Resp: 90012
 Ion Ratio Lower Upper
 85 100
 87 34.2 25.6 38.4



#3
 Chloromethane
 Concen: 43.738 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.006 min
 Lab File: VX030718.D
 Acq: 22 Aug 2022 16:36

Tgt Ion: 50 Resp: 93471
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.3 43.3

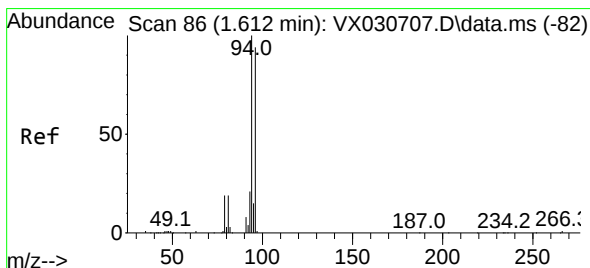
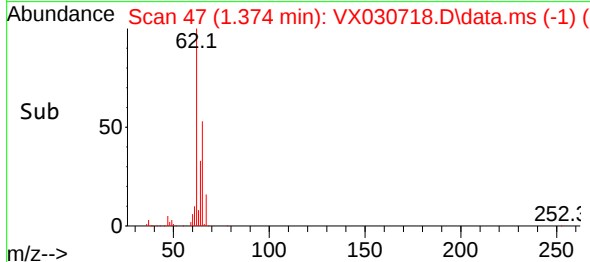
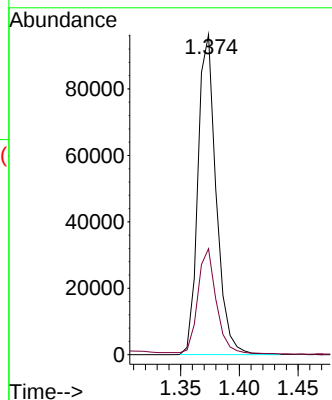
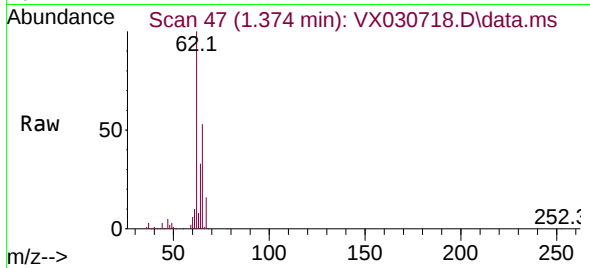




#5
 Vinyl chloride
 Concen: 45.584 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030718.D
 Acq: 22 Aug 2022 16:36

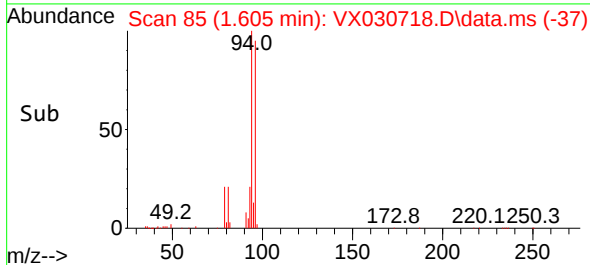
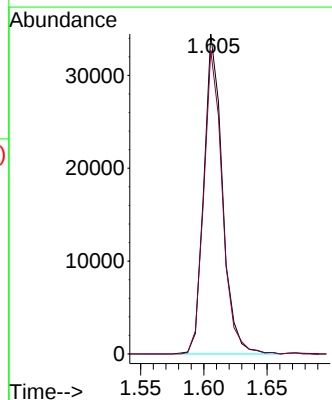
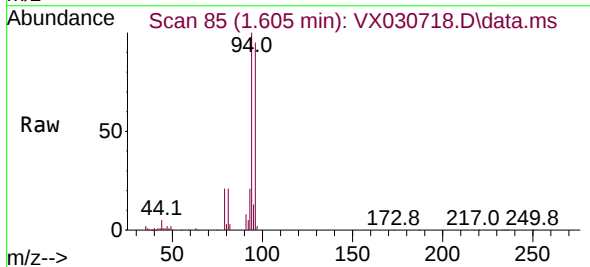
Instrument :
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 ClientSampleId :
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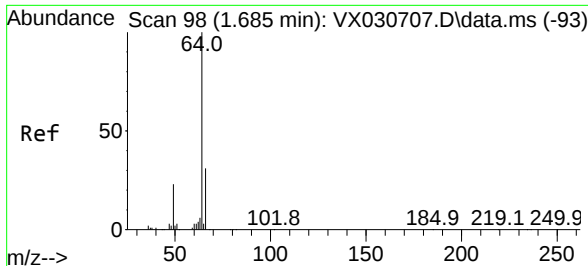
Tgt Ion: 62 Resp: 104053
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.8 44.2



#6
 Bromomethane
 Concen: 32.724 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX030718.D
 Acq: 22 Aug 2022 16:36

Tgt Ion: 94 Resp: 35103
 Ion Ratio Lower Upper
 94 100
 96 94.9 63.8 118.6

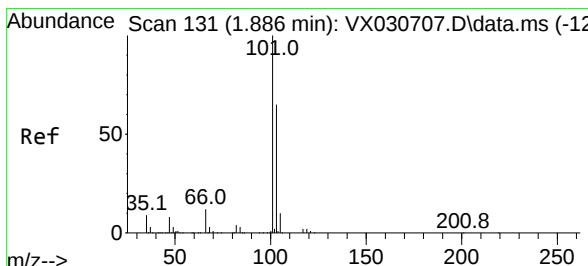
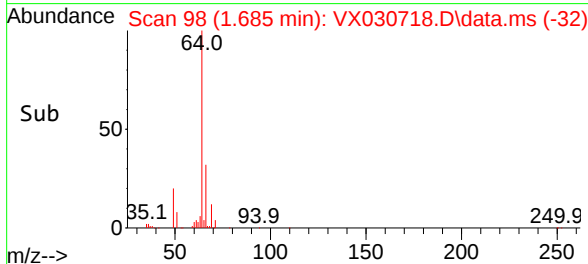
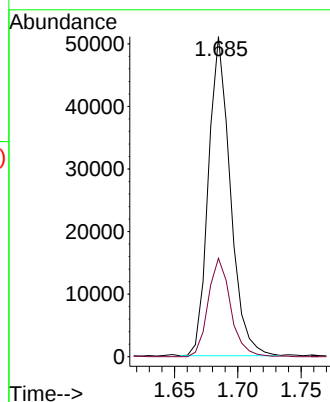
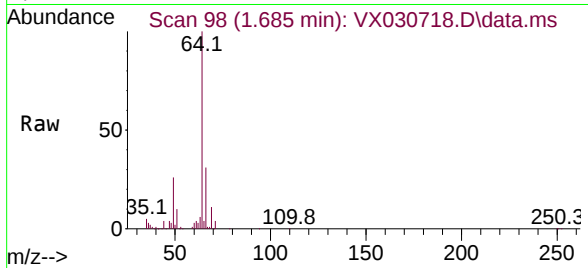




#8
Chloroethane
Concen: 47.310 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

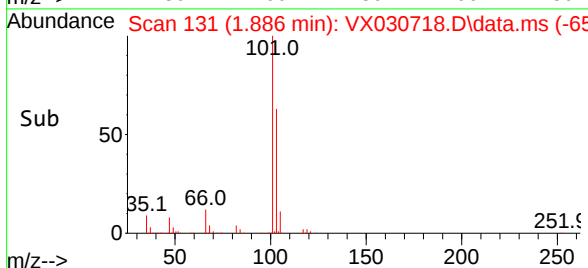
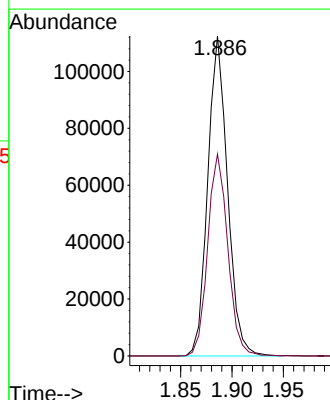
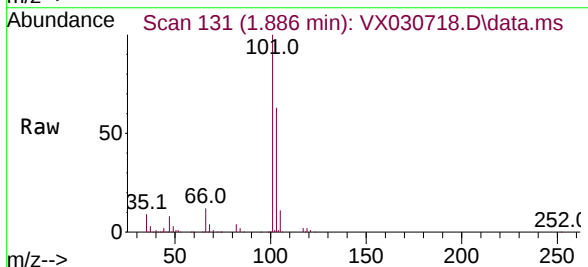
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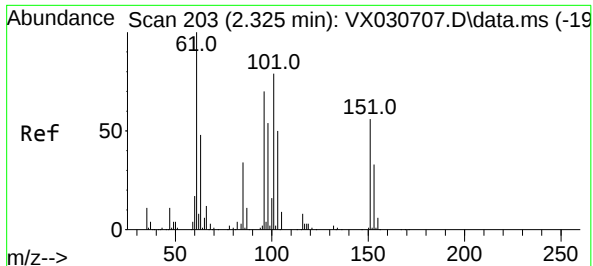
Tgt Ion: 64 Resp: 61515
Ion Ratio Lower Upper
64 100
66 30.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 44.610 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

Tgt Ion: 101 Resp: 150498
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 50.874 ug/L

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX030718.D

Acq: 22 Aug 2022 16:36

Instrument :

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ClientSampleId :

VSTD050794

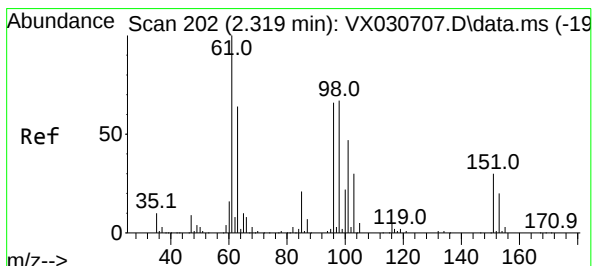
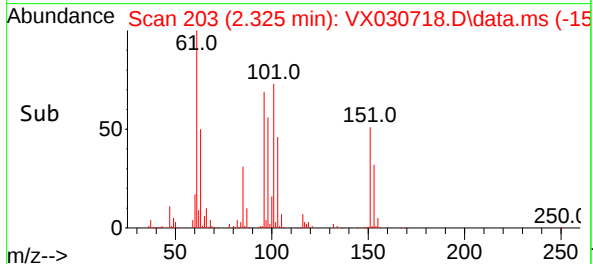
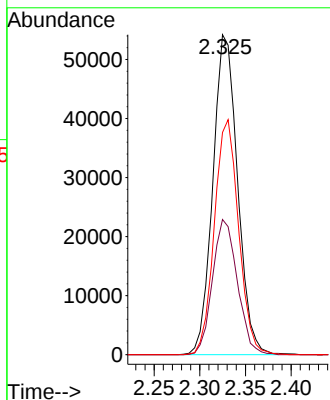
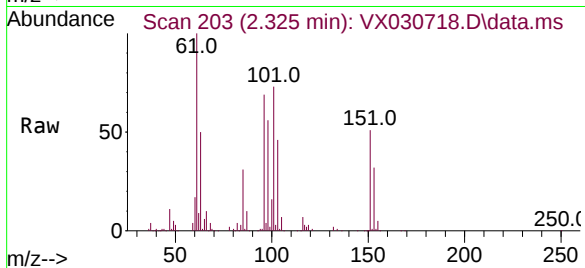
Tgt Ion:101 Resp: 102083

Ion Ratio Lower Upper

101 100

85 42.4 35.3 52.9

151 72.0 58.3 87.5



#12

1,1-Dichloroethene

Concen: 51.949 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

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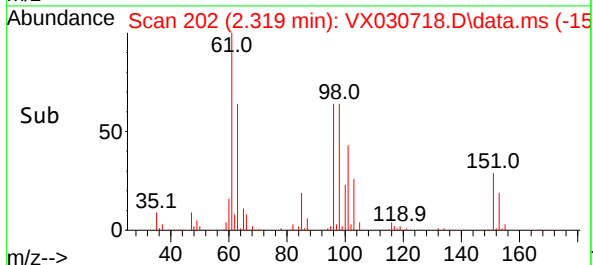
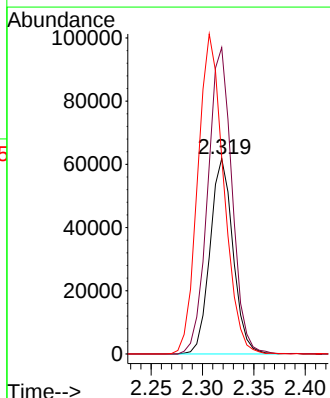
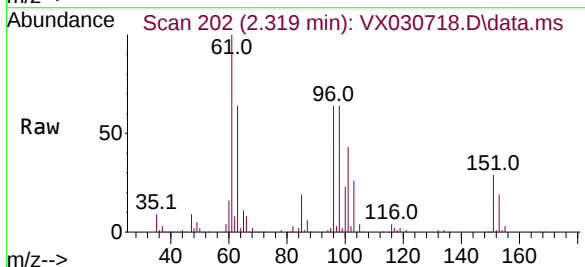
Tgt Ion: 96 Resp: 96036

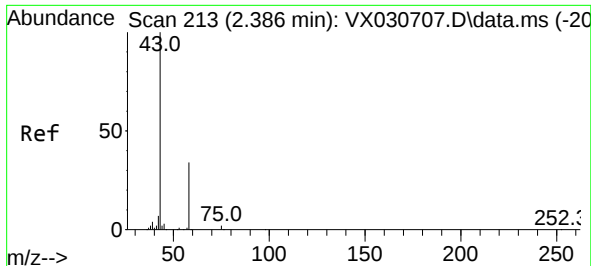
Ion Ratio Lower Upper

96 100

61 156.9 130.2 241.8

63 100.6 113.5 210.9#





#13

Acetone

Concen: 77.573 ug/L

RT: 2.386 min Scan# 21

Delta R.T. -0.000 min

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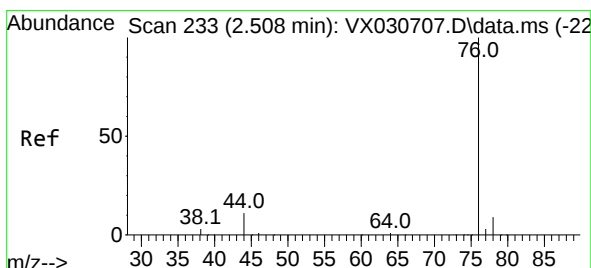
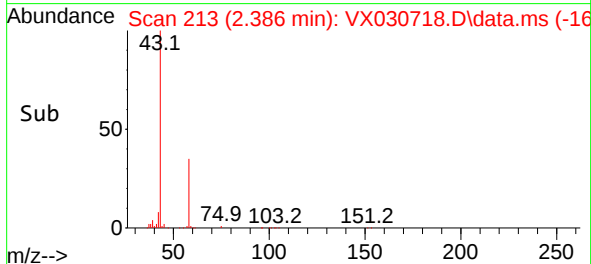
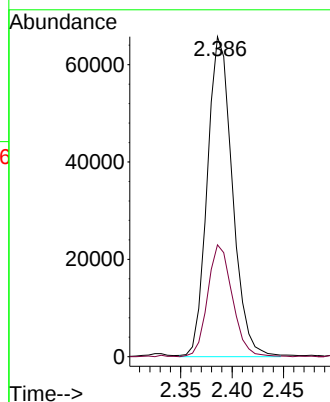
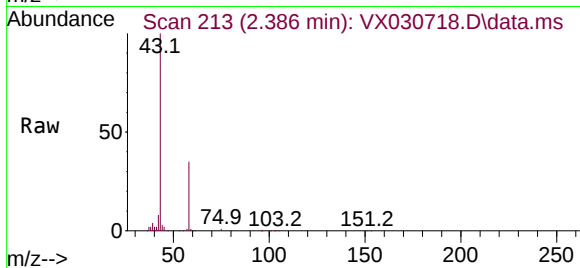
VSTD050794

Tgt Ion: 43 Resp: 111731

Ion Ratio Lower Upper

43 100

58 34.4 0.0 57.8



#14

Carbon disulfide

Concen: 39.366 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.006 min

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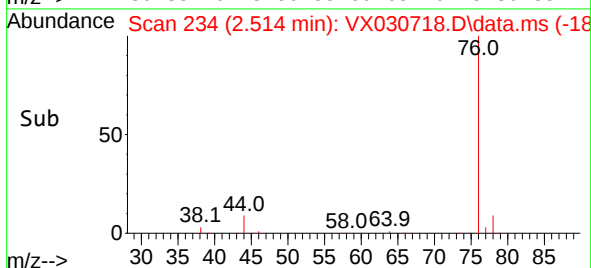
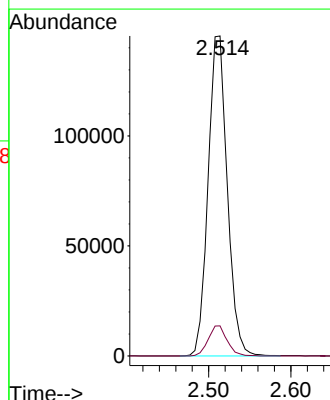
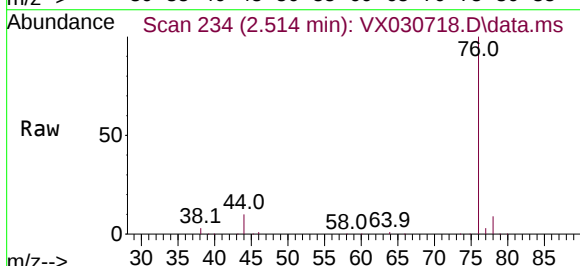
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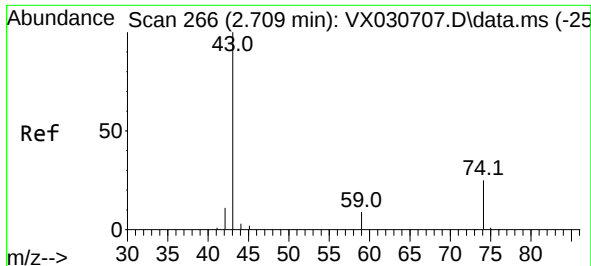
Tgt Ion: 76 Resp: 235873

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

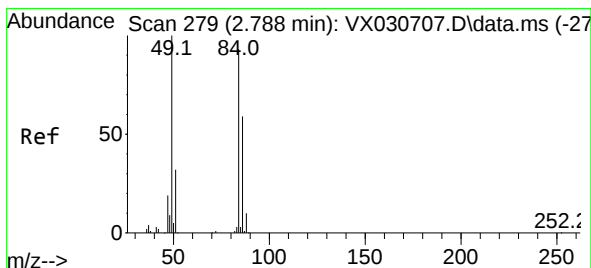
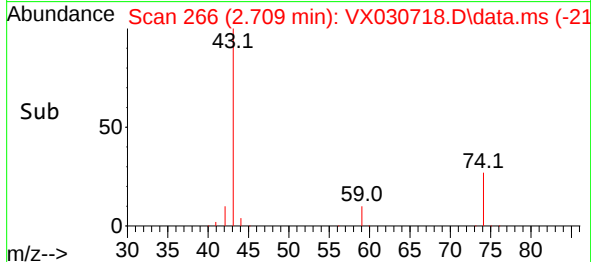
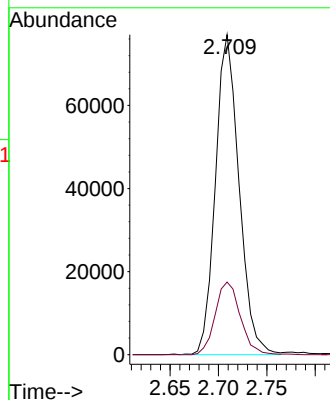
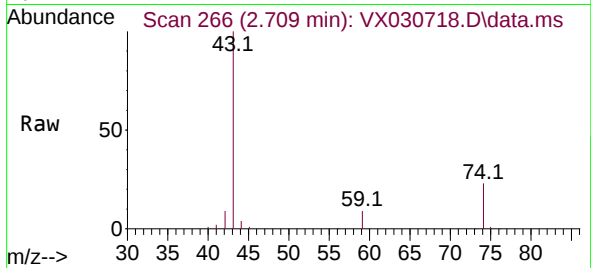




#15
Methyl Acetate
Concen: 43.820 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

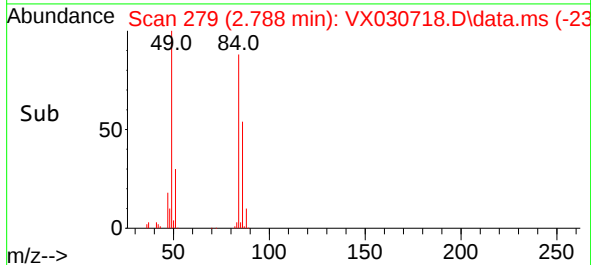
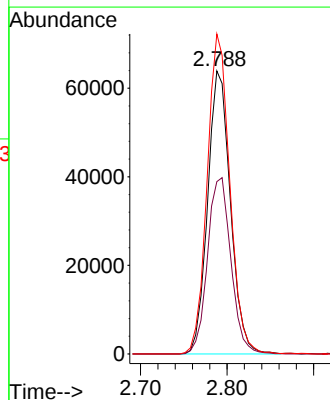
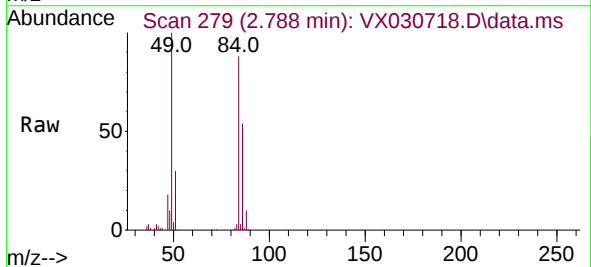
Instrument :
MSVOA_X
ClientSampleId :
VSTD050794

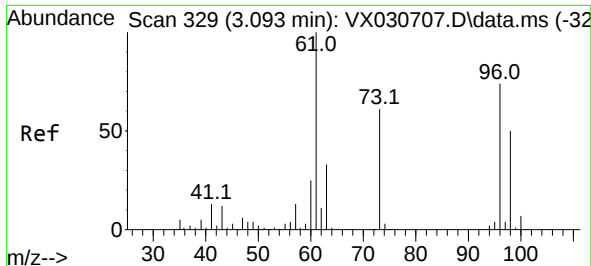
Tgt Ion: 43 Resp: 130640
Ion Ratio Lower Upper
43 100
74 24.1 17.2 25.8



#16
Methylene chloride
Concen: 49.826 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

Tgt Ion: 84 Resp: 116798
Ion Ratio Lower Upper
84 100
86 60.9 44.2 82.2
49 113.1 89.0 165.2





#17

trans-1,2-Dichloroethene

Concen: 46.577 ug/L

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX030718.D

Acq: 22 Aug 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

VSTD050794

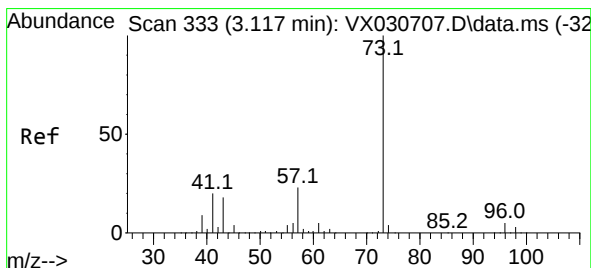
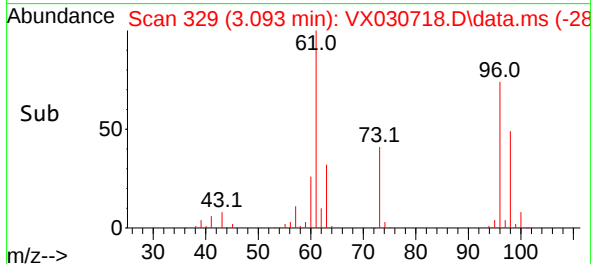
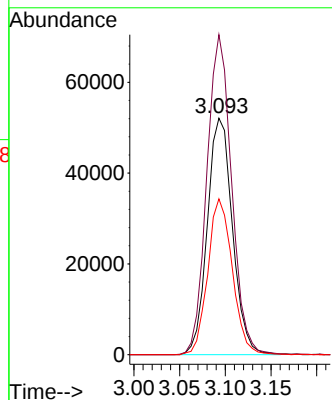
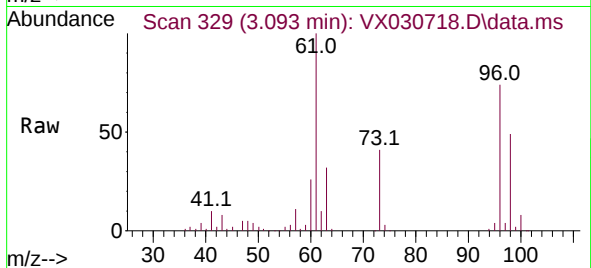
Tgt Ion: 96 Resp: 99755

Ion Ratio Lower Upper

96 100

61 135.3 103.7 192.5

98 65.9 41.5 77.1



#18

Methyl tert-butyl Ether

Concen: 47.936 ug/L

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX030718.D

Acq: 22 Aug 2022 16:36

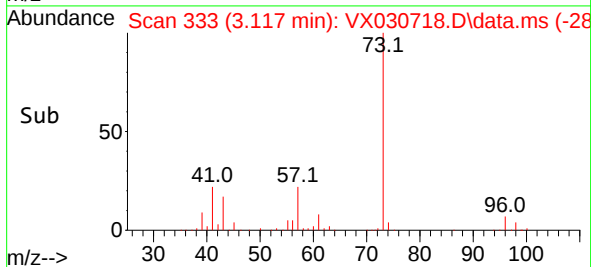
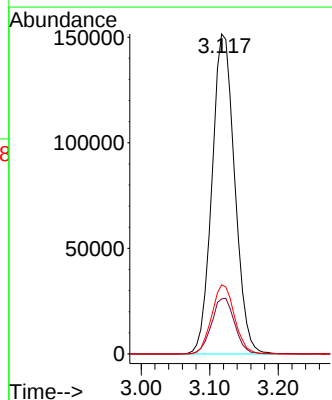
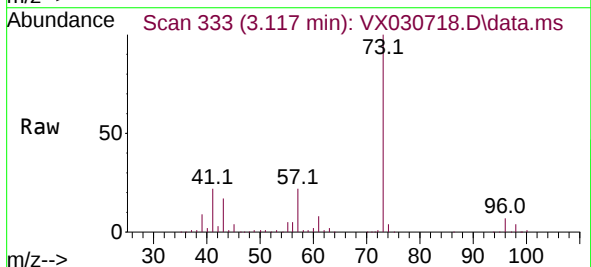
Tgt Ion: 73 Resp: 349134

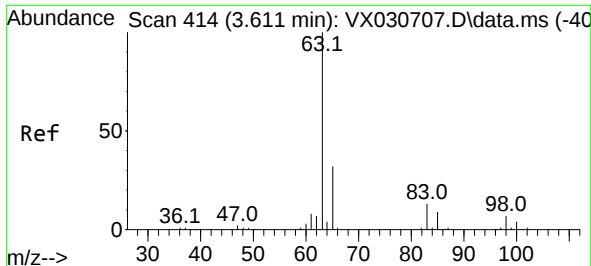
Ion Ratio Lower Upper

73 100

43 17.6 17.6 26.4

57 21.8 17.5 26.3





#19

1,1-Dichloroethane

Concen: 48.592 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX030718.D

Acq: 22 Aug 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

VSTD050794

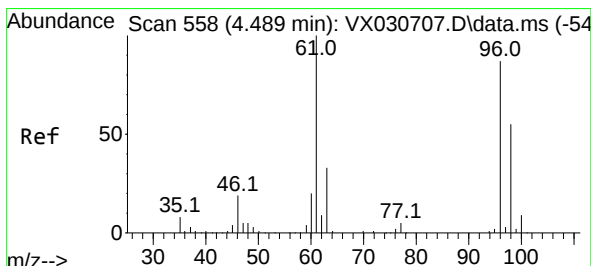
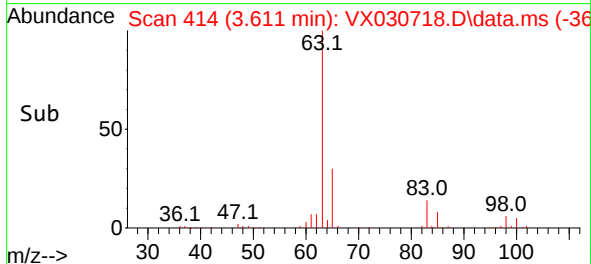
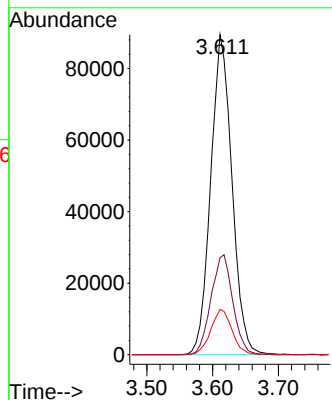
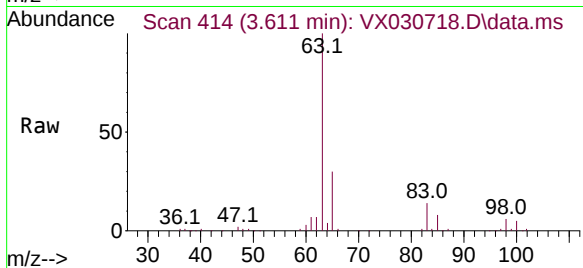
Tgt Ion: 63 Resp: 201282

Ion Ratio Lower Upper

63 100

65 30.3 22.0 40.8

83 14.1 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 51.366 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX030718.D

Acq: 22 Aug 2022 16:36

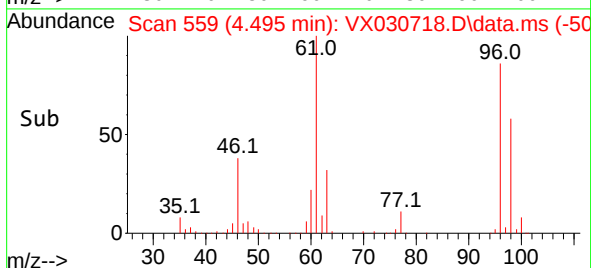
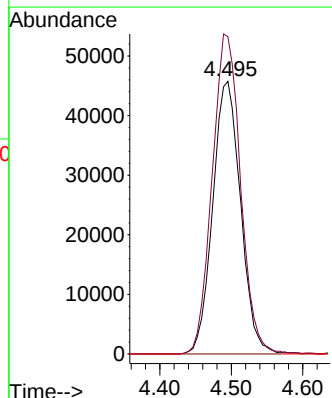
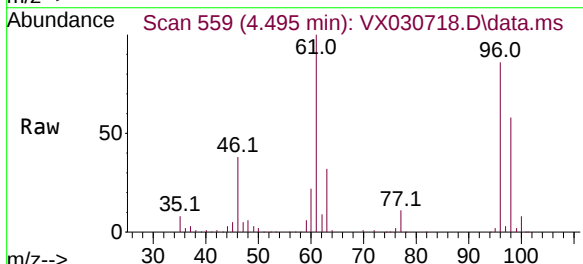
Tgt Ion: 96 Resp: 123752

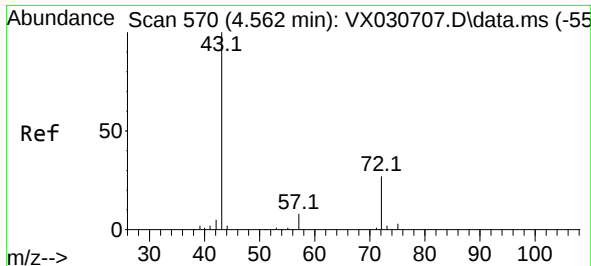
Ion Ratio Lower Upper

96 100

61 116.3 94.0 174.6

68 0.0 0.0 0.0

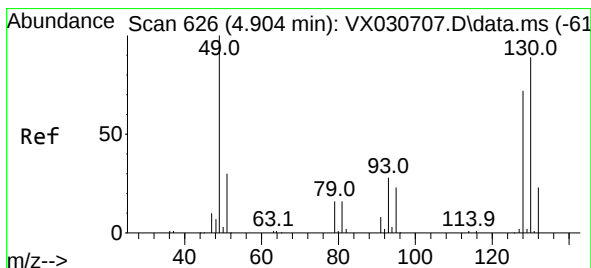
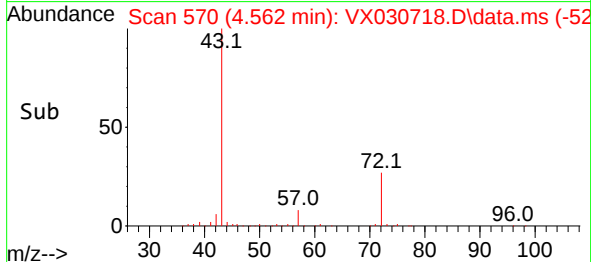
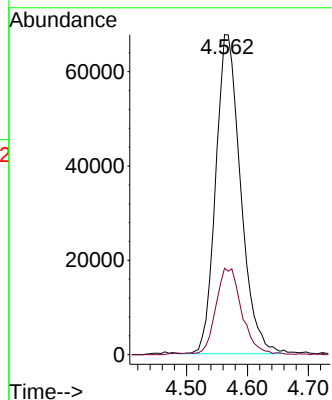
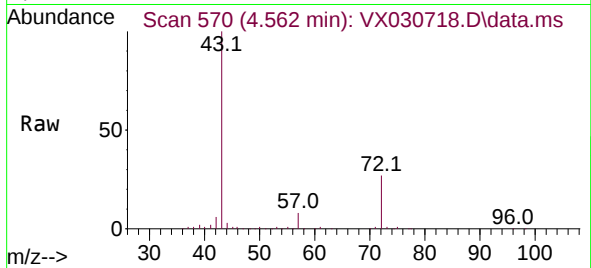




#22
2-Butanone
Concen: 84.558 ug/L
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

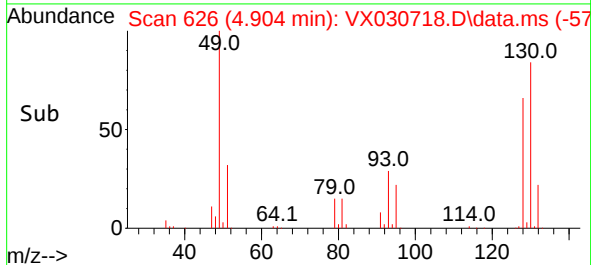
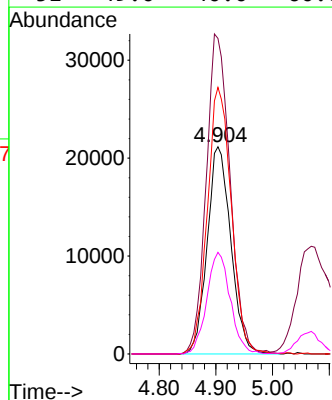
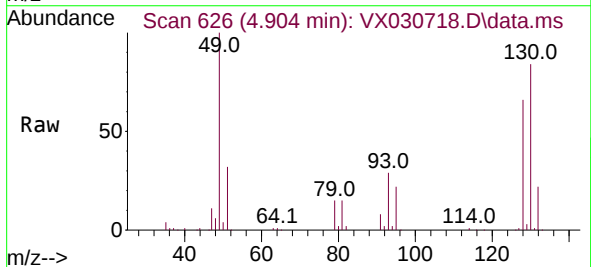
Instrument :
MSVOA_X
ClientSampleId :
VSTD050794

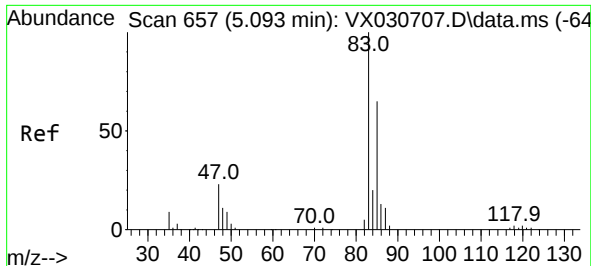
Tgt Ion: 43 Resp: 192129
Ion Ratio Lower Upper
43 100
72 28.0 11.7 35.1



#23
Bromochloromethane
Concen: 50.761 ug/L
RT: 4.904 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

Tgt Ion: 128 Resp: 61329
Ion Ratio Lower Upper
128 100
49 152.2 116.8 216.8
130 128.6 90.3 167.7
51 49.0 40.0 60.0

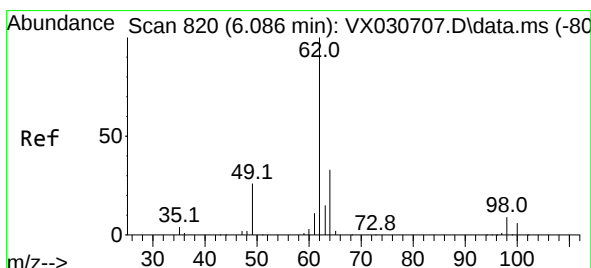
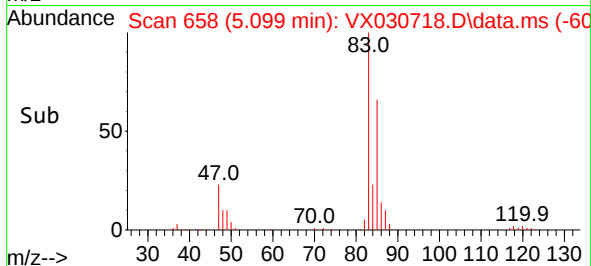
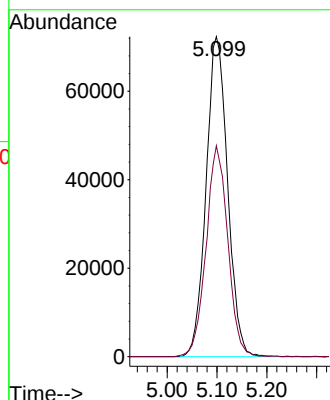
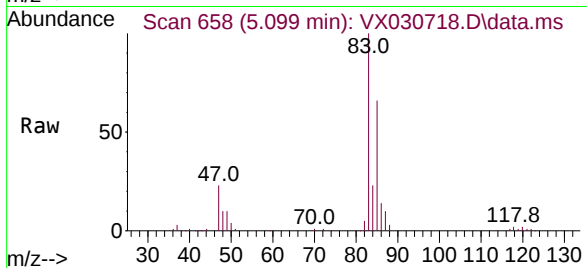




#25
Chloroform
Concen: 49.858 ug/L
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

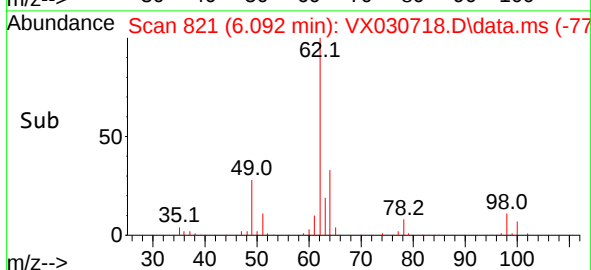
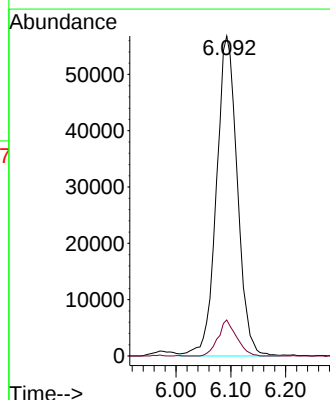
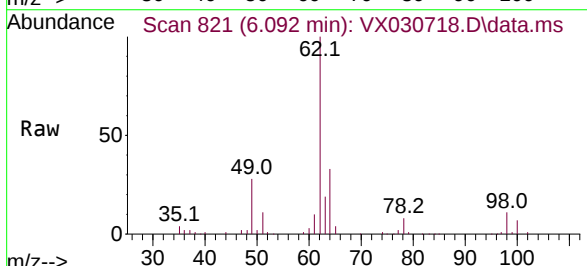
Instrument :
MSVOA_X
ClientSampleId :
VSTD050794

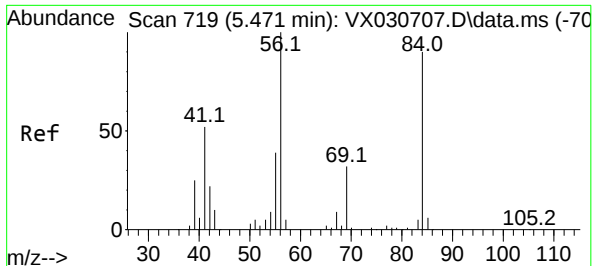
Tgt Ion: 83 Resp: 216997
Ion Ratio Lower Upper
83 100
85 65.9 45.6 84.6



#27
1,2-Dichloroethane
Concen: 41.577 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

Tgt Ion: 62 Resp: 150608
Ion Ratio Lower Upper
62 100
98 11.2 7.0 10.6#

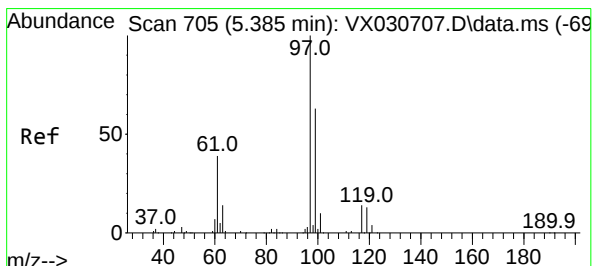
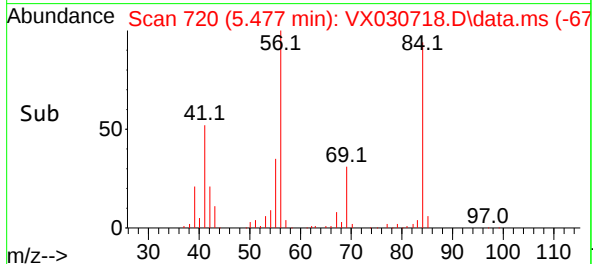
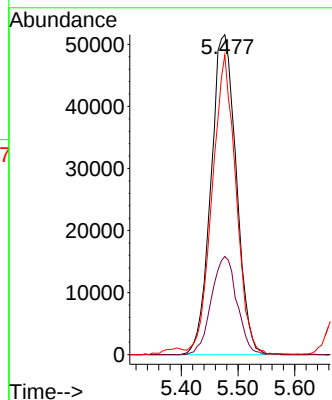
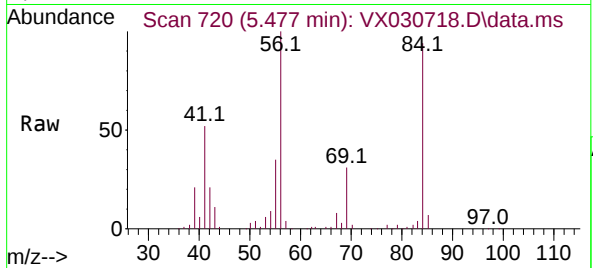




#29
Cyclohexane
Concen: 40.796 ug/L
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

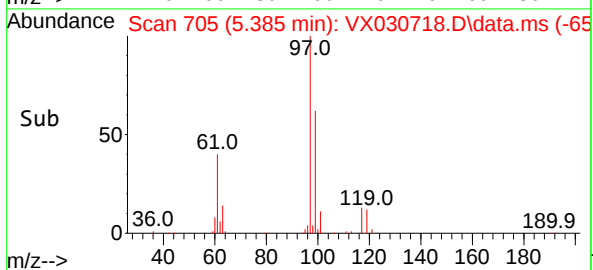
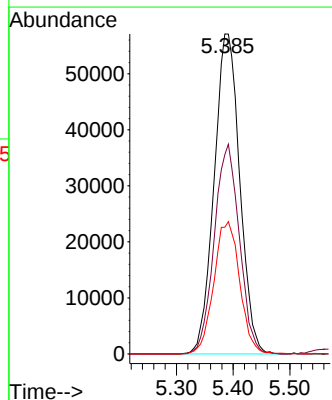
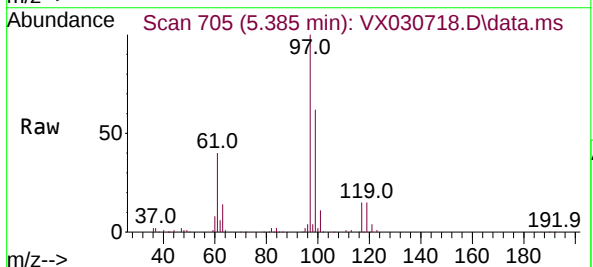
Instrument :
MSVOA_X
ClientSampleId :
VSTD050794

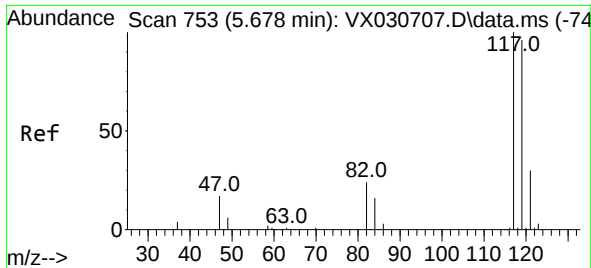
Tgt Ion: 56 Resp: 160129
Ion Ratio Lower Upper
56 100
69 30.9 24.3 36.5
84 87.6 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 46.028 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

Tgt Ion: 97 Resp: 179257
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 41.7 37.0 55.6

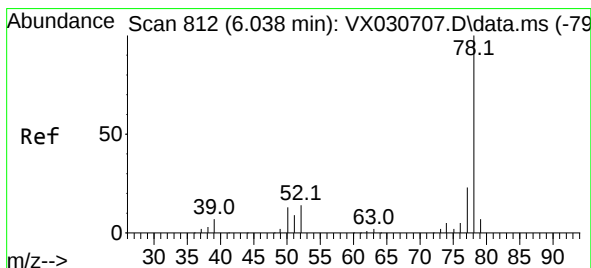
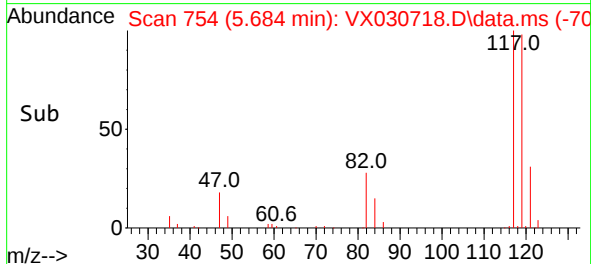
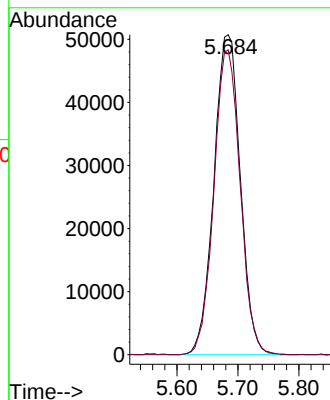
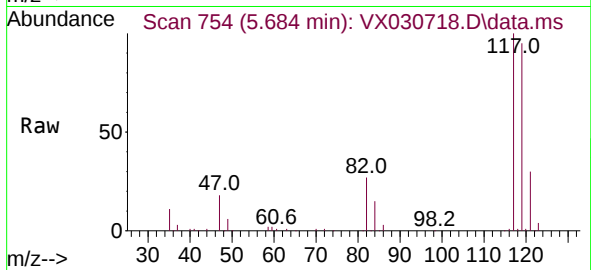




#31
Carbon tetrachloride
Concen: 47.581 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

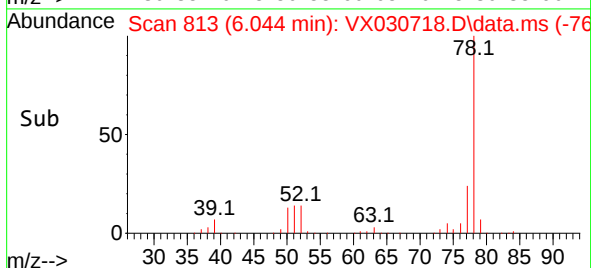
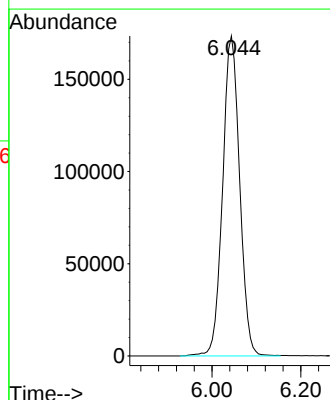
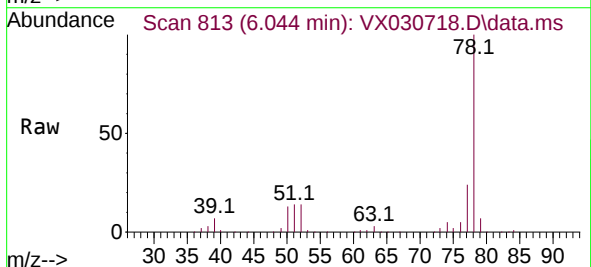
Instrument :
MSVOA_X
ClientSampleId :
VSTD050794

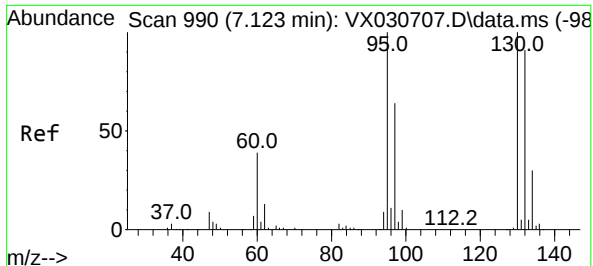
Tgt Ion:117 Resp: 152942
Ion Ratio Lower Upper
117 100
119 94.4 76.2 114.2



#33
Benzene
Concen: 48.660 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

Tgt Ion: 78 Resp: 460638

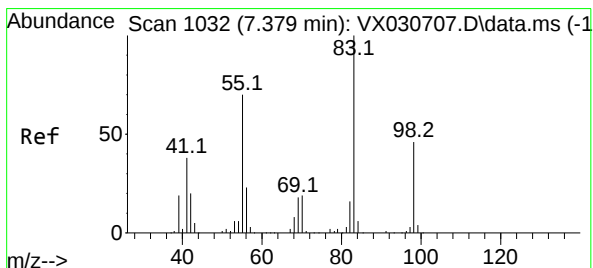
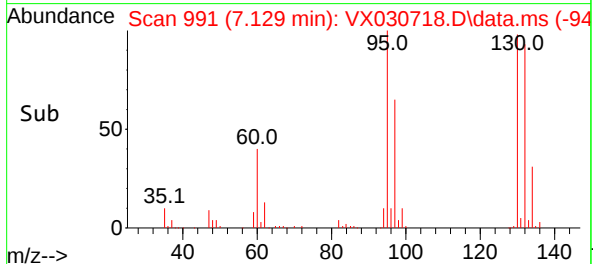
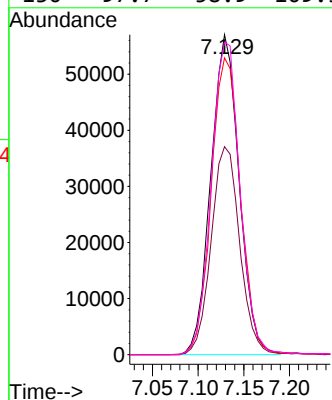
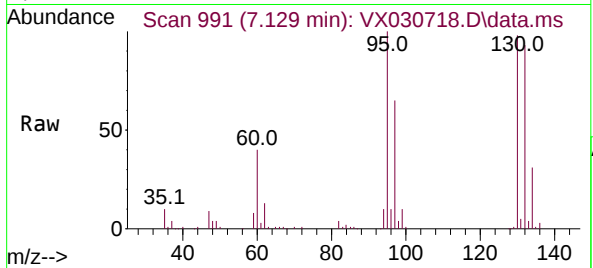




#34
 Trichloroethene
 Concen: 44.736 ug/L
 RT: 7.129 min Scan# 990
 Delta R.T. 0.006 min
 Lab File: VX030718.D
 Acq: 22 Aug 2022 16:36

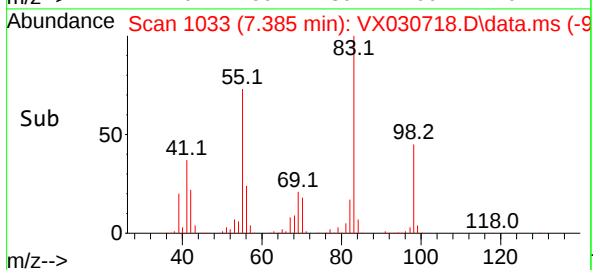
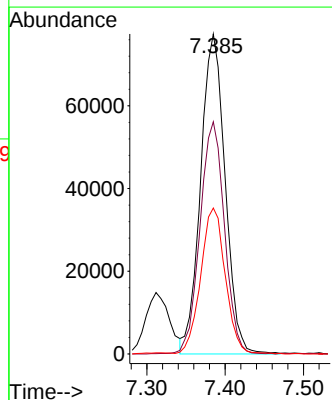
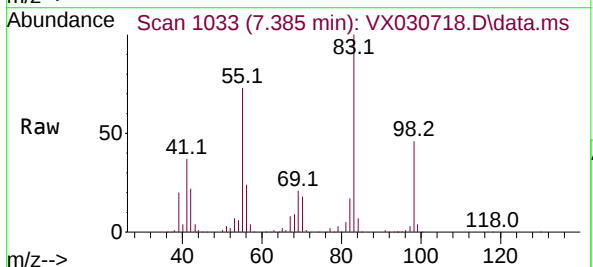
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050794

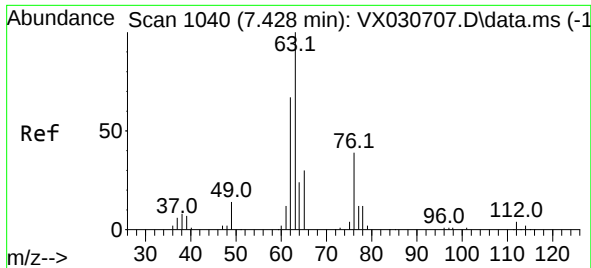
Tgt Ion: 95 Resp: 122655
 Ion Ratio Lower Upper
 95 100
 97 65.0 40.2 74.6
 132 92.7 55.3 102.7
 130 97.7 58.9 109.5



#35
 Methylcyclohexane
 Concen: 42.099 ug/L
 RT: 7.385 min Scan# 1033
 Delta R.T. 0.006 min
 Lab File: VX030718.D
 Acq: 22 Aug 2022 16:36

Tgt Ion: 83 Resp: 168034
 Ion Ratio Lower Upper
 83 100
 55 72.4 64.0 96.0
 98 45.9 36.7 55.1





#37

1,2-Dichloropropane

Concen: 49.543 ug/L

RT: 7.434 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX030718.D

Acq: 22 Aug 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

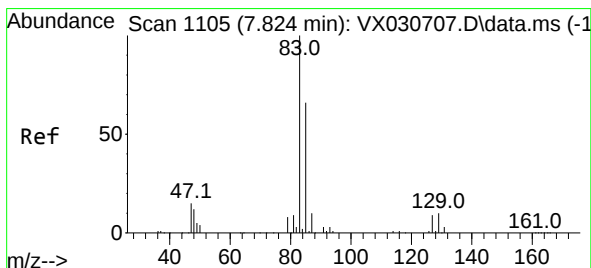
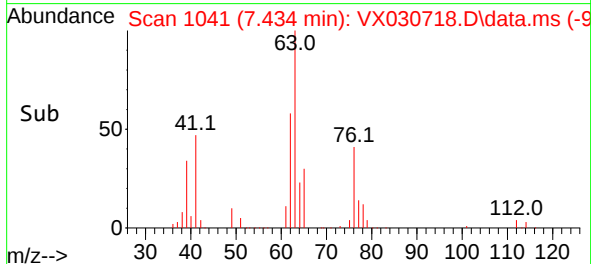
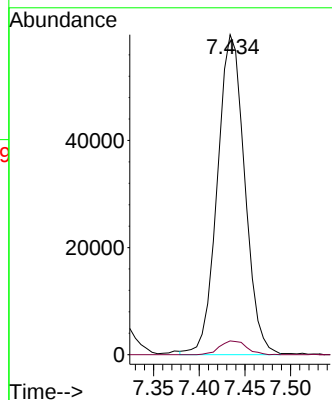
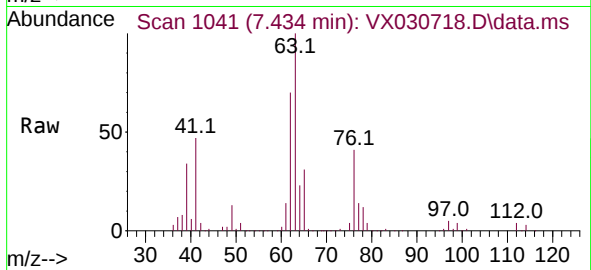
VSTD050794

Tgt Ion: 63 Resp: 124700

Ion Ratio Lower Upper

63 100

112 4.2 3.0 4.4



#38

Bromodichloromethane

Concen: 50.039 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX030718.D

Acq: 22 Aug 2022 16:36

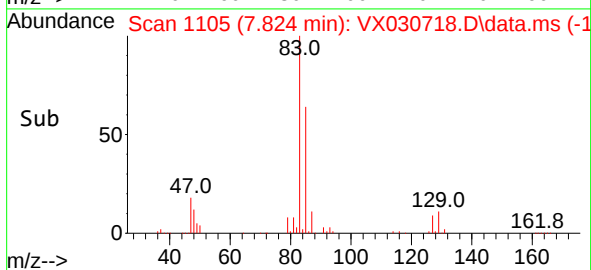
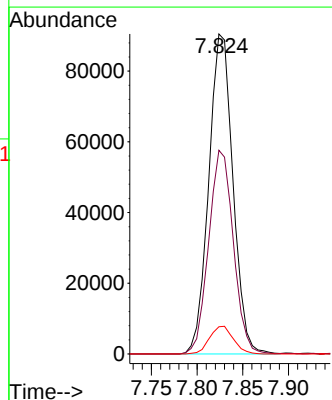
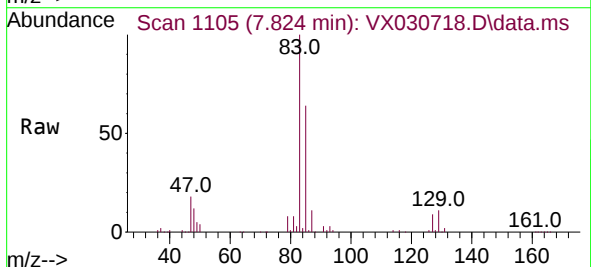
Tgt Ion: 83 Resp: 166690

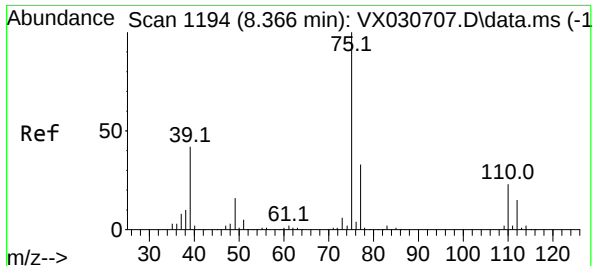
Ion Ratio Lower Upper

83 100

85 63.7 42.5 78.9

127 8.5 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 47.413 ug/L

RT: 8.373 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX030718.D

Acq: 22 Aug 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

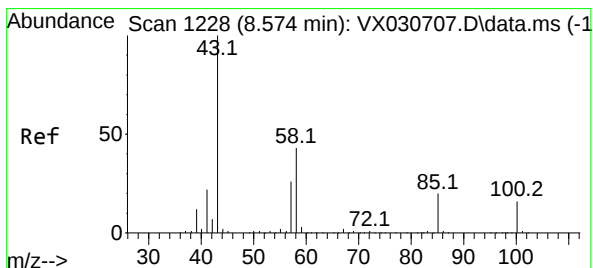
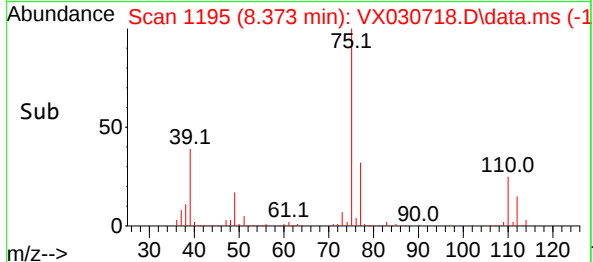
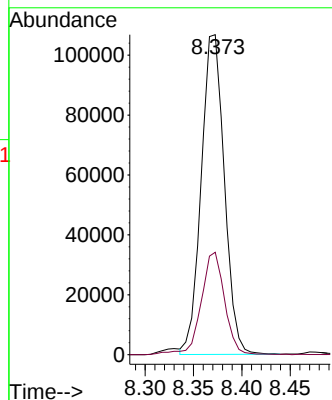
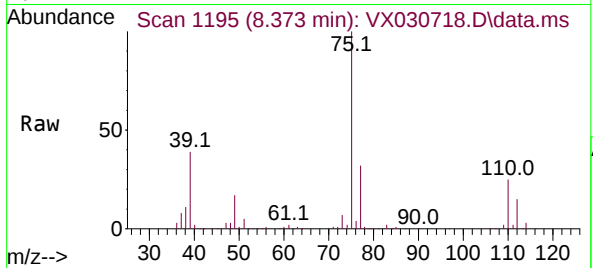
VSTD050794

Tgt Ion: 75 Resp: 178022

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 85.939 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX030718.D

Acq: 22 Aug 2022 16:36

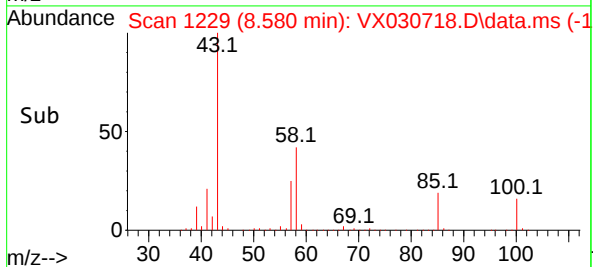
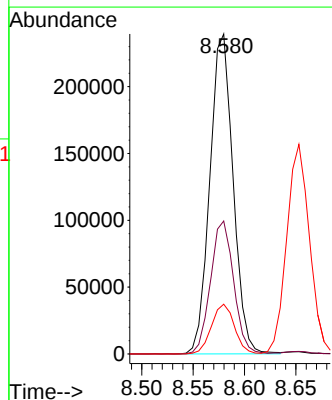
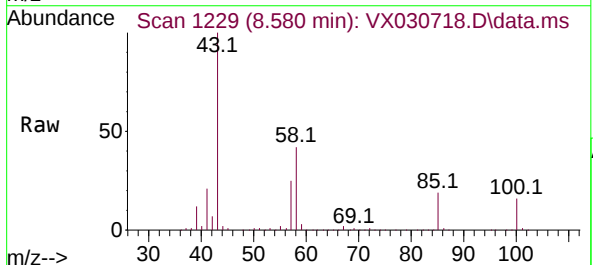
Tgt Ion: 43 Resp: 376683

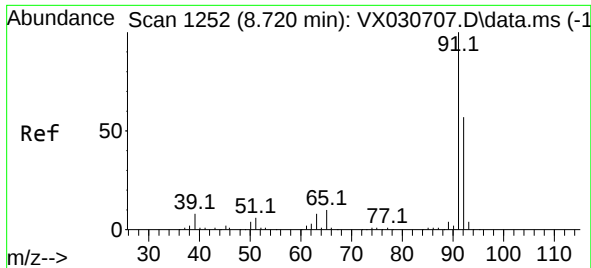
Ion Ratio Lower Upper

43 100

58 41.3 29.0 43.6

100 15.4 10.5 15.7





#42

Toluene

Concen: 49.056 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030718.D

Acq: 22 Aug 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

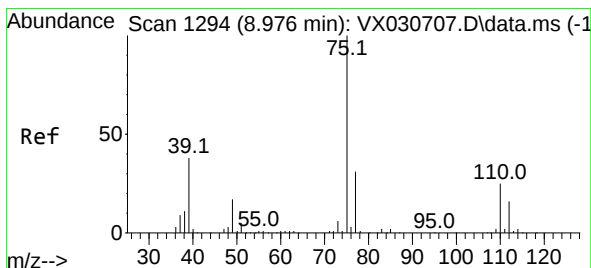
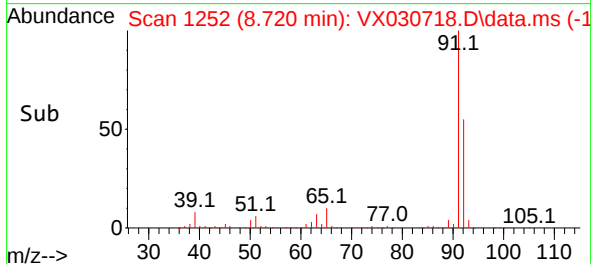
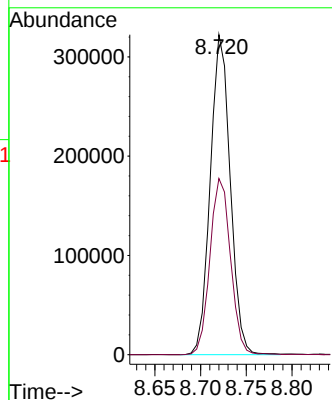
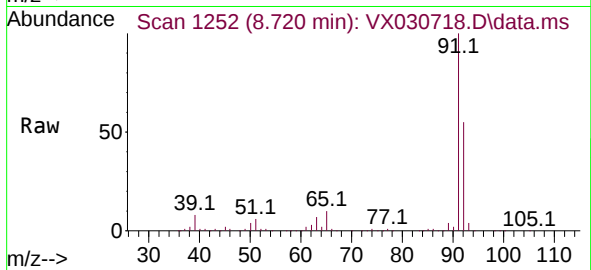
VSTD050794

Tgt Ion: 91 Resp: 490569

Ion Ratio Lower Upper

91 100

92 55.0 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 46.844 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX030718.D

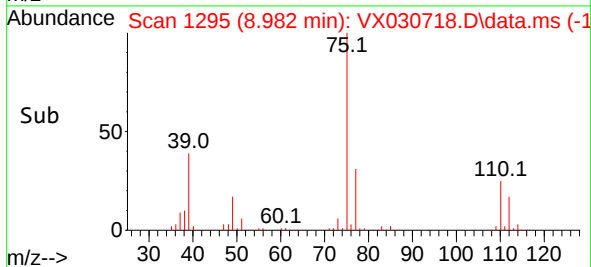
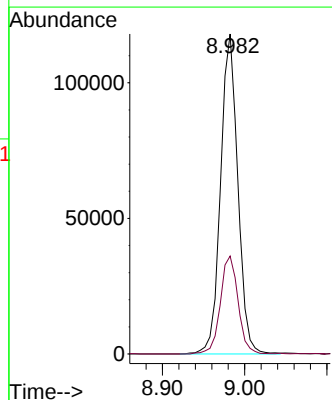
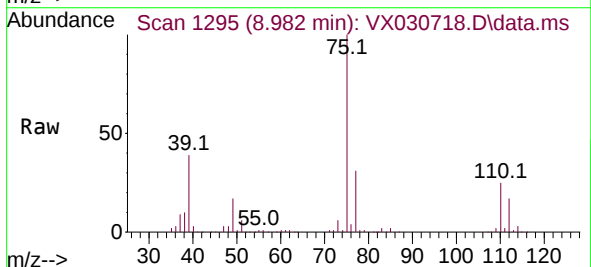
Acq: 22 Aug 2022 16:36

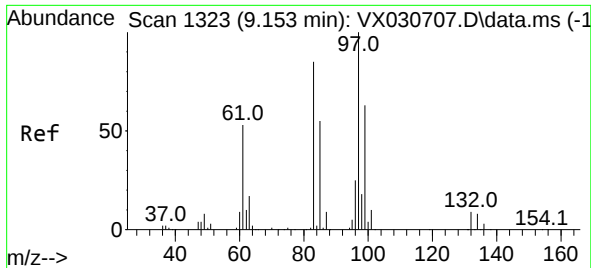
Tgt Ion: 75 Resp: 172151

Ion Ratio Lower Upper

75 100

77 30.6 22.5 41.7



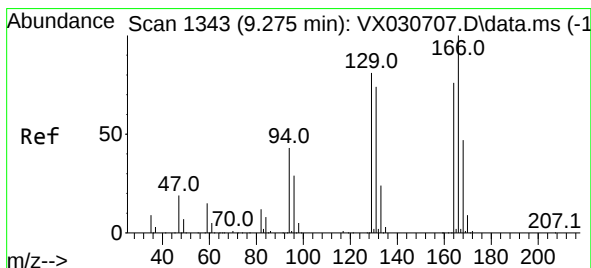
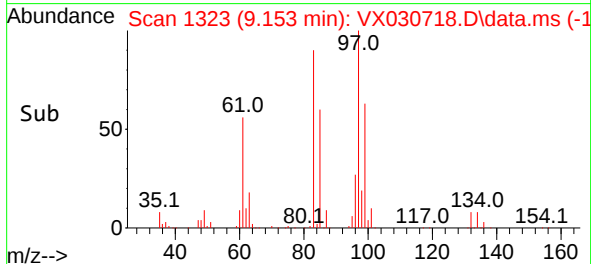
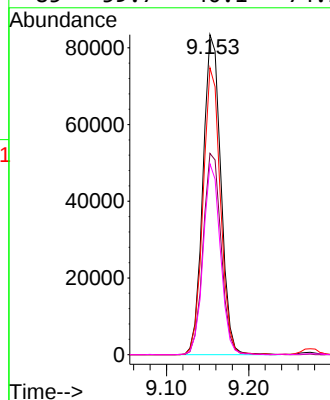
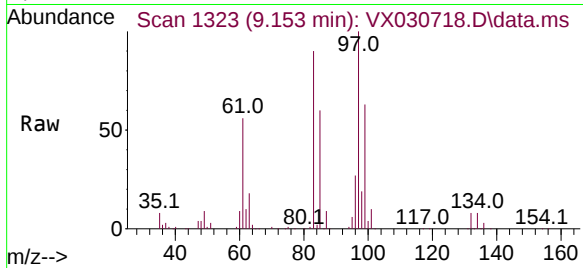


#45
1,1,2-Trichloroethane
Concen: 53.796 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

Instrument :
MSVOA_X
ClientSampleId :
VSTD050794

Tgt Ion: 97 Resp: 125905

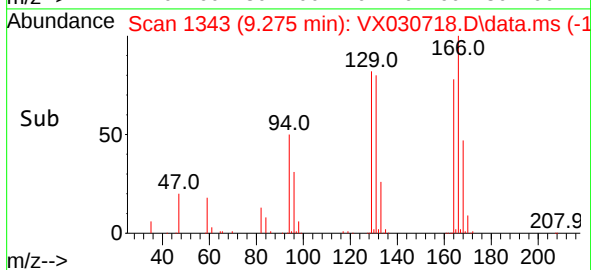
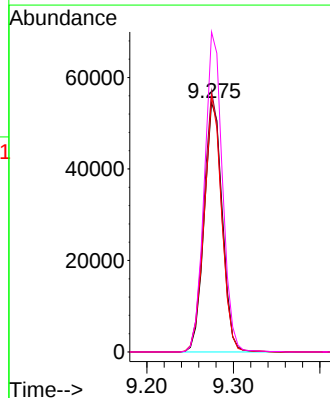
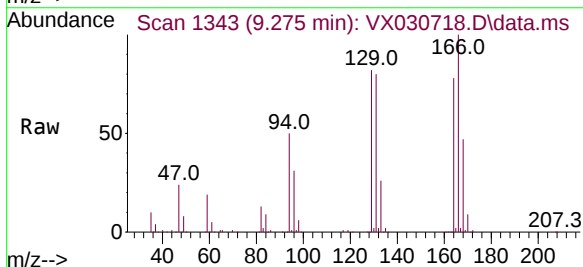
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.3	80.3
83	89.7	63.0	117.0
85	59.7	40.1	74.5

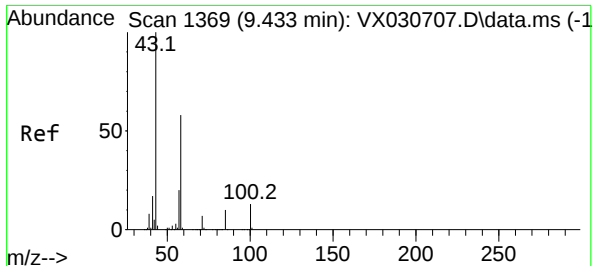


#46
Tetrachloroethene
Concen: 45.683 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

Tgt Ion: 164 Resp: 79157

Ion	Ratio	Lower	Upper
164	100		
129	104.6	72.7	135.1
131	102.9	69.9	129.9
166	128.3	88.3	164.1

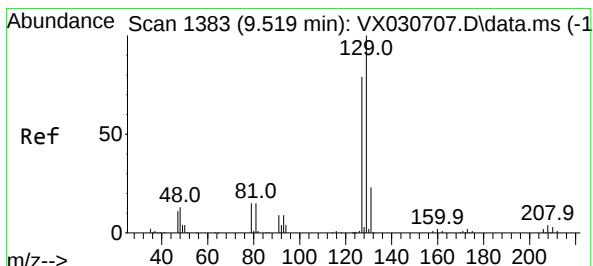
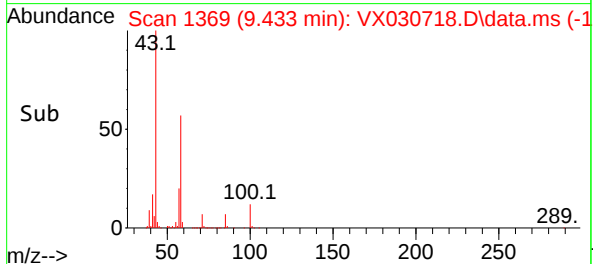
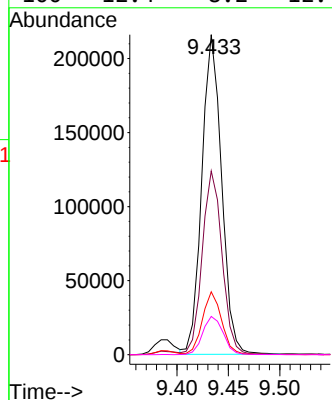
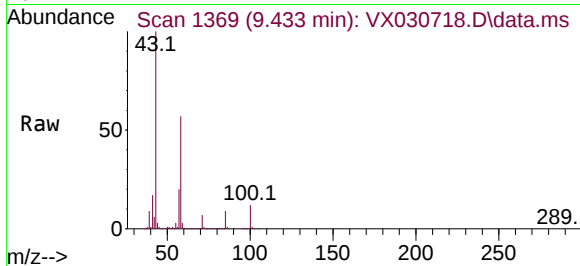




#48
2-Hexanone
Concen: 85.110 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

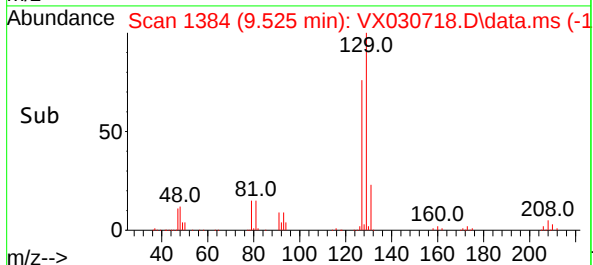
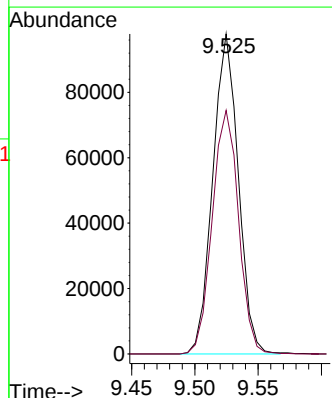
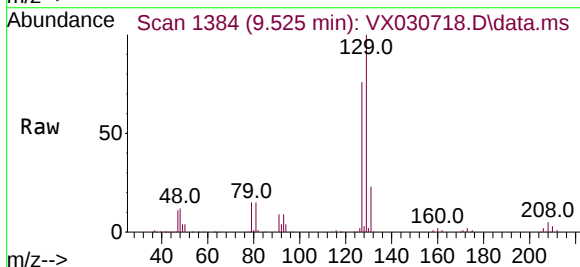
Instrument :
MSVOA_X
ClientSampleId :
VSTD050794

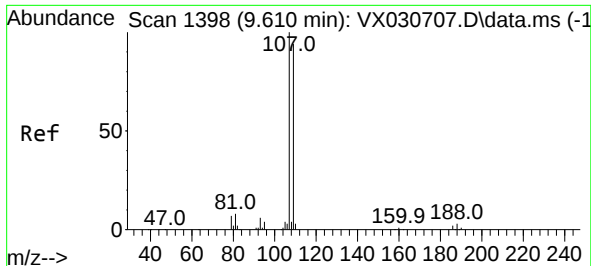
Tgt Ion:	43	Resp:	289850
Ion	Ratio	Lower	Upper
43	100		
58	57.6	40.4	60.6
57	19.3	14.6	22.0
100	12.4	8.2	12.4



#49
Dibromochloromethane
Concen: 55.091 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

Tgt Ion:	129	Resp:	137172
Ion	Ratio	Lower	Upper
129	100		
127	76.1	55.6	103.2





#50

1,2-Dibromoethane

Concen: 50.214 ug/L

RT: 9.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030718.D

Acq: 22 Aug 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

VSTD050794

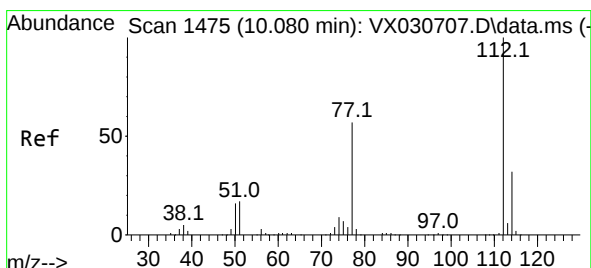
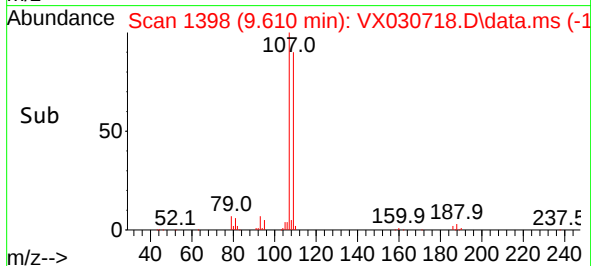
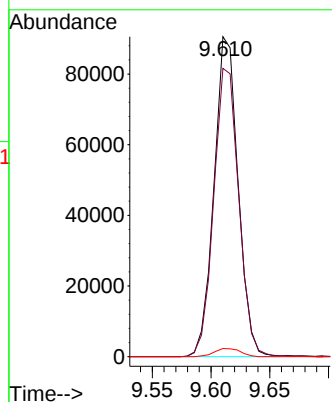
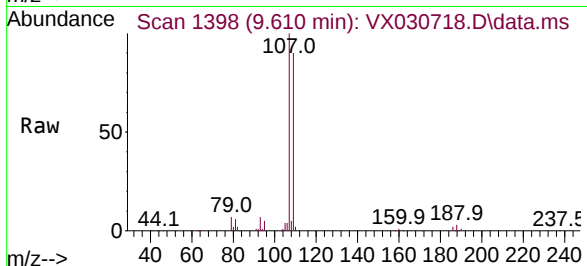
Tgt Ion:107 Resp: 129239

Ion Ratio Lower Upper

107 100

109 90.1 64.8 120.4

188 2.6 2.2 3.2



#51

Chlorobenzene

Concen: 51.098 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX030718.D

Acq: 22 Aug 2022 16:36

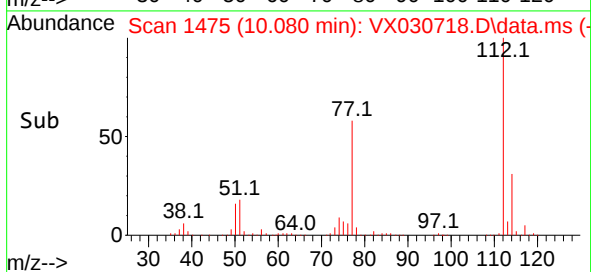
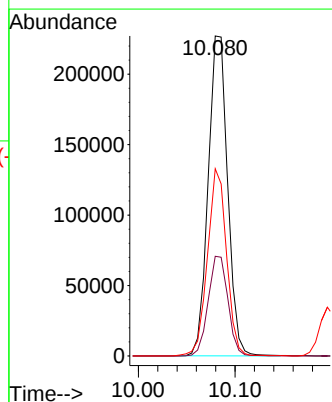
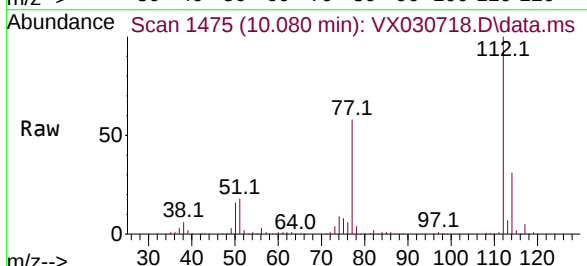
Tgt Ion:112 Resp: 318350

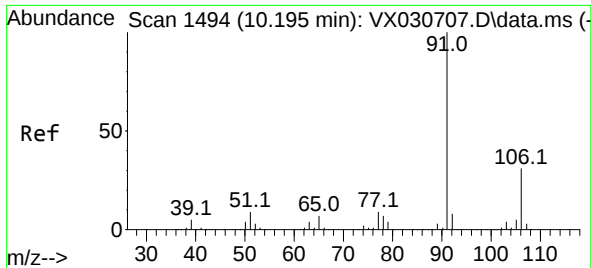
Ion Ratio Lower Upper

112 100

114 31.1 22.3 41.5

77 58.5 50.8 76.2

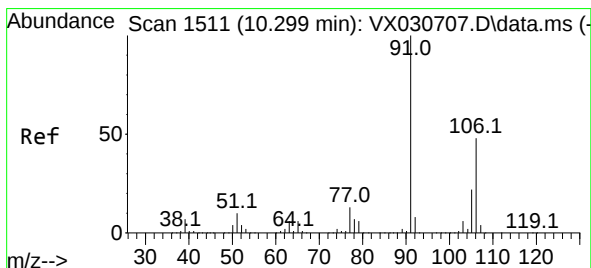
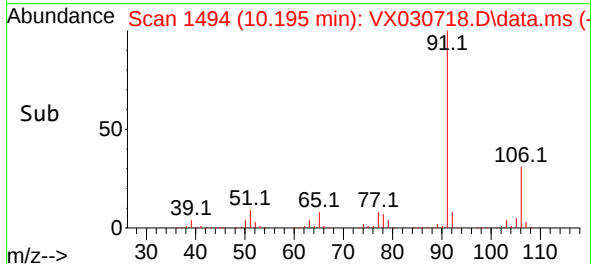
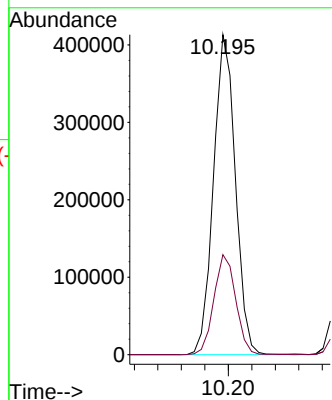
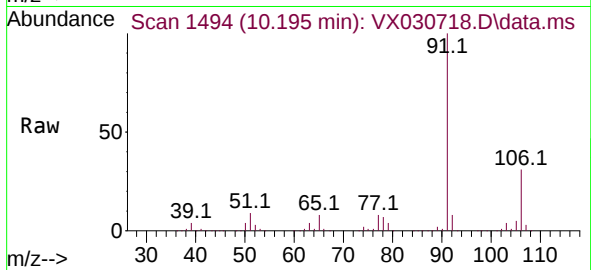




#52
Ethylbenzene
Concen: 49.090 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

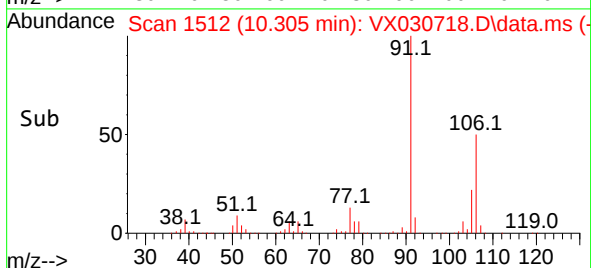
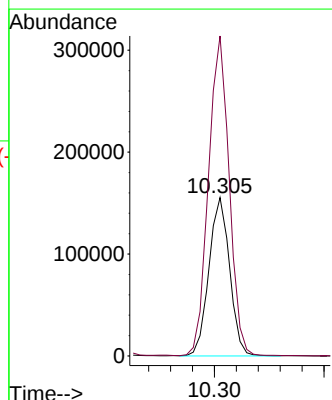
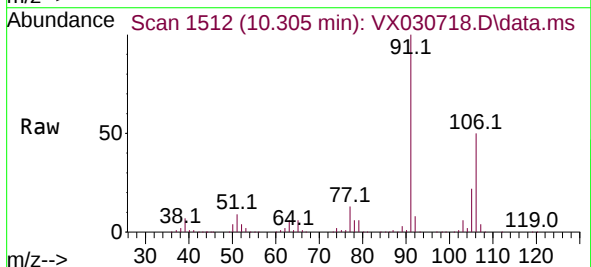
Instrument :
MSVOA_X
ClientSampleId :
VSTD050794

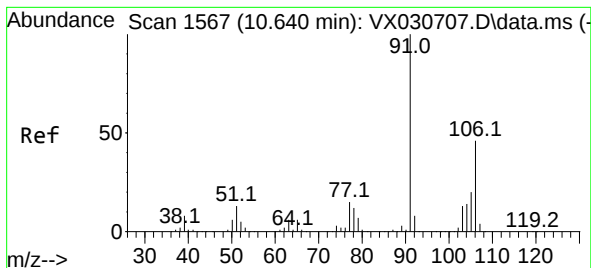
Tgt Ion: 91 Resp: 535274
Ion Ratio Lower Upper
91 100
106 31.2 21.3 39.5



#53
m,p-Xylene
Concen: 50.244 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

Tgt Ion: 106 Resp: 204200
Ion Ratio Lower Upper
106 100
91 202.0 147.8 274.6





#54

o-Xylene

Concen: 50.067 ug/L

RT: 10.646 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX030718.D

Acq: 22 Aug 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

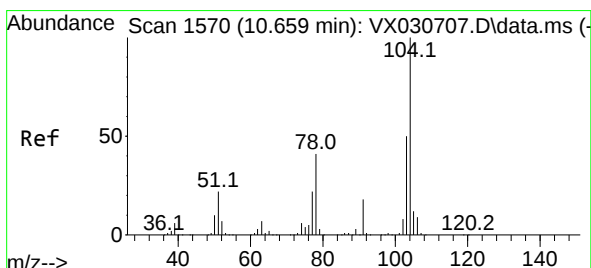
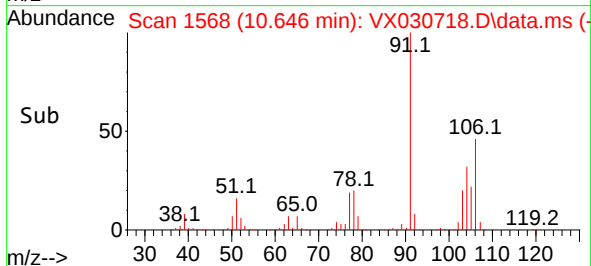
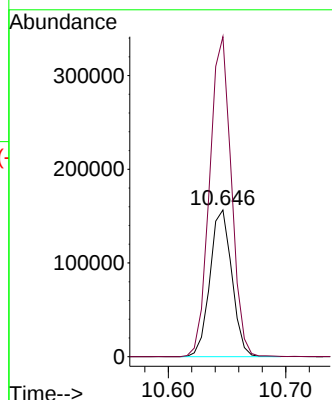
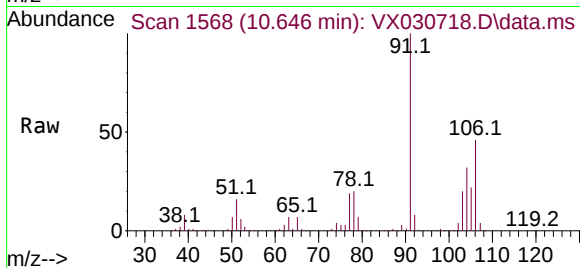
VSTD050794

Tgt Ion:106 Resp: 202764

Ion Ratio Lower Upper

106 100

91 218.0 157.8 293.0



#55

Styrene

Concen: 52.532 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX030718.D

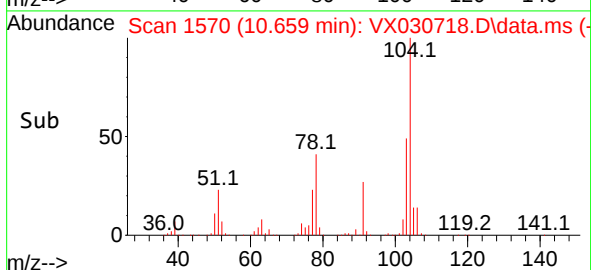
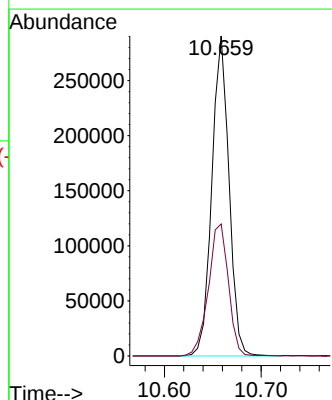
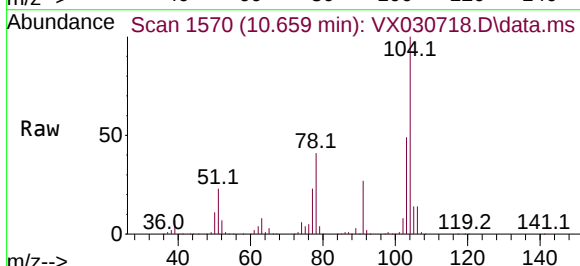
Acq: 22 Aug 2022 16:36

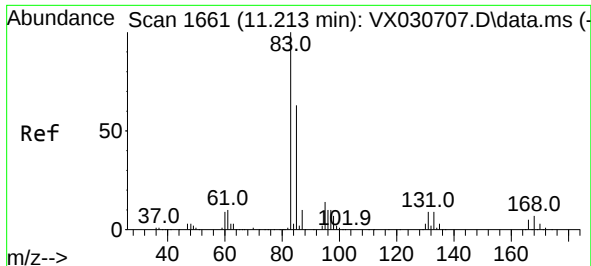
Tgt Ion:104 Resp: 358216

Ion Ratio Lower Upper

104 100

78 41.3 33.2 61.7

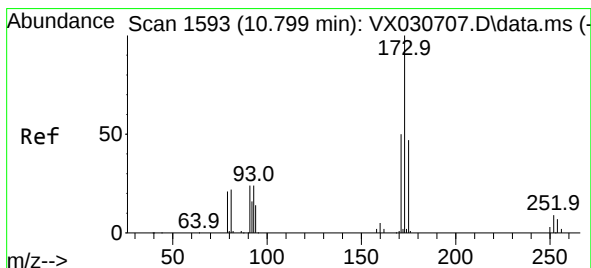
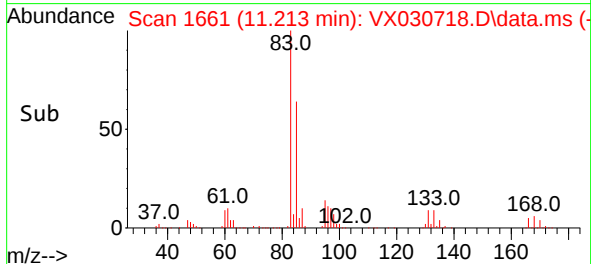
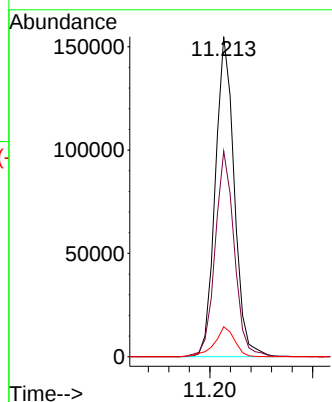
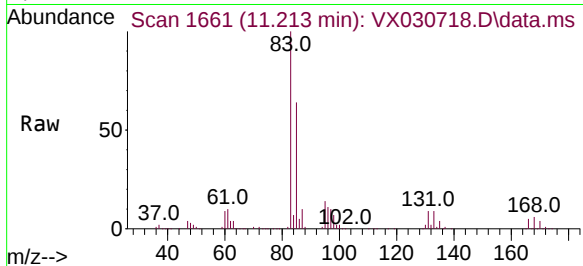




#57
1,1,2,2-Tetrachloroethane
Concen: 55.495 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

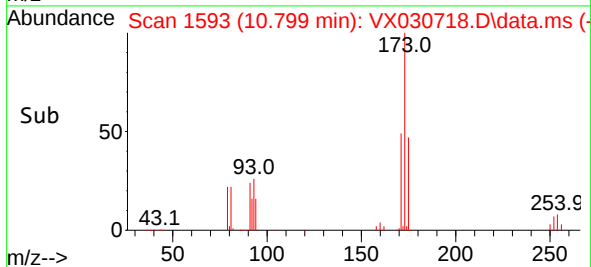
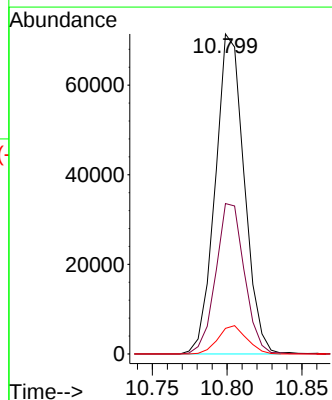
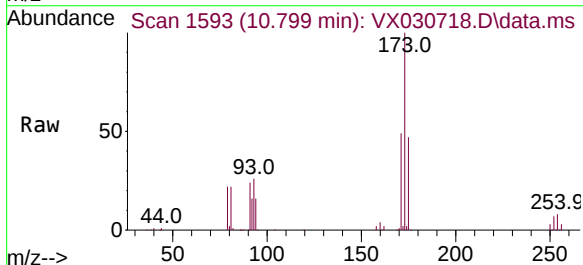
Instrument :
MSVOA_X
ClientSampleId :
VSTD050794

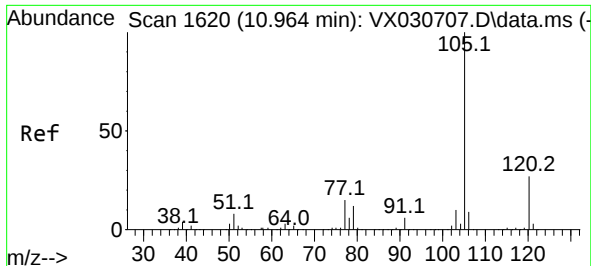
Tgt Ion: 83 Resp: 197625
Ion Ratio Lower Upper
83 100
85 64.3 44.4 82.4
131 9.4 7.5 11.3



#59
Bromoform
Concen: 58.592 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

Tgt Ion: 173 Resp: 96030
Ion Ratio Lower Upper
173 100
175 46.5 38.9 58.3
254 8.8 7.0 10.4

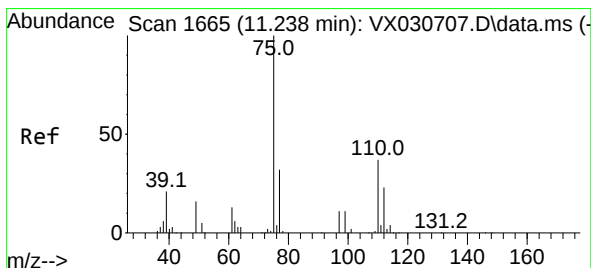
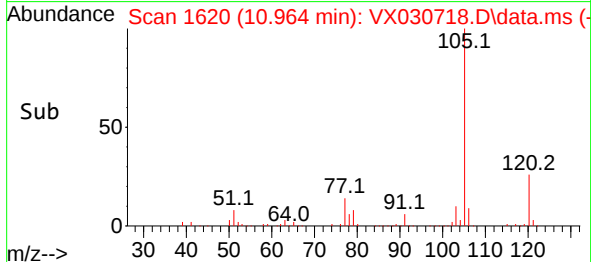
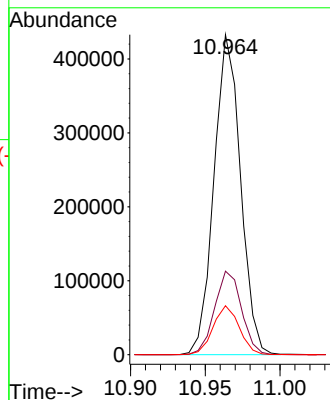
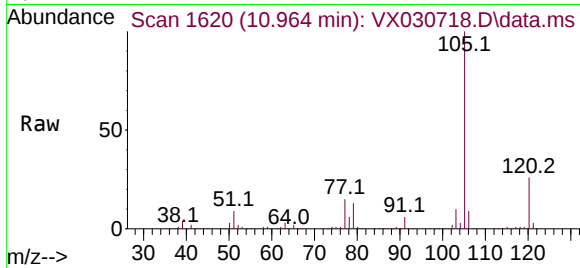




#60
Isopropylbenzene
Concen: 50.042 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

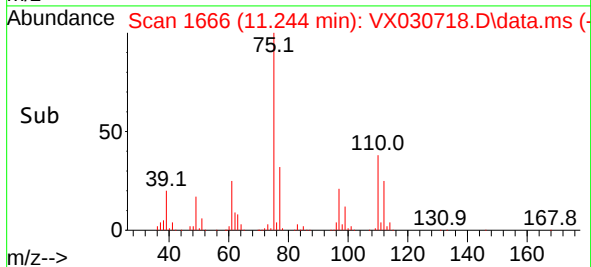
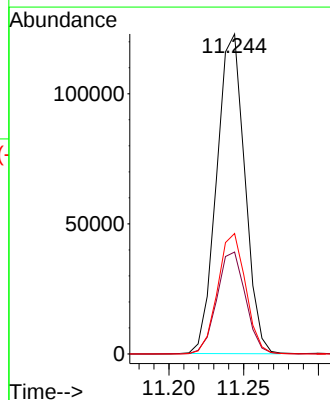
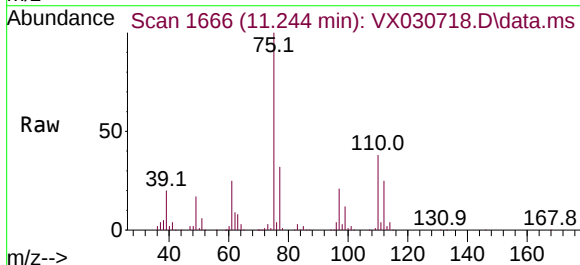
Instrument :
MSVOA_X
ClientSampleId :
VSTD050794

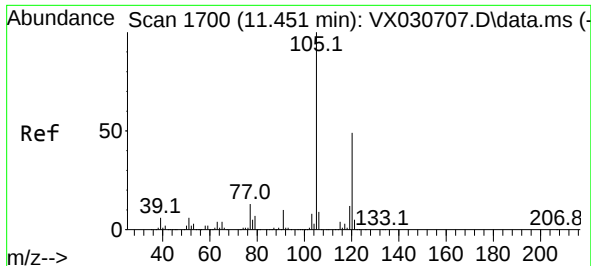
Tgt Ion:105 Resp: 533857
Ion Ratio Lower Upper
105 100
120 26.4 20.6 31.0
77 15.1 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 49.832 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

Tgt Ion: 75 Resp: 161066
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
110 37.5 30.5 45.7

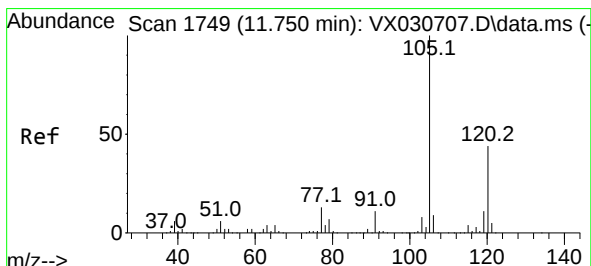
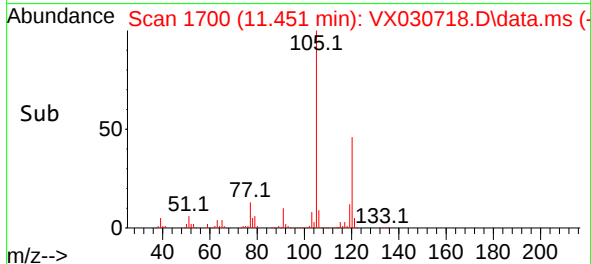
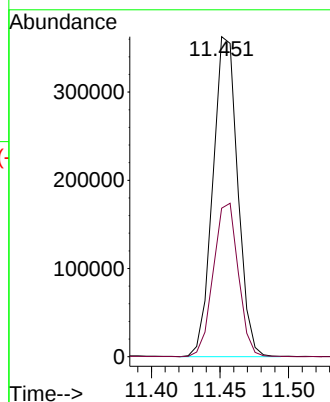
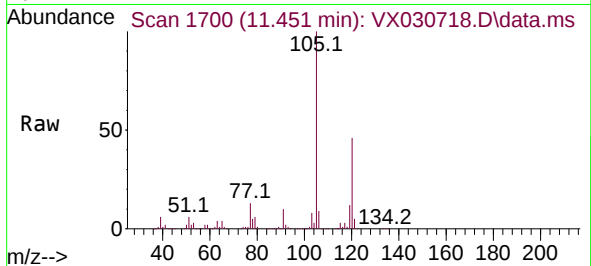




#62
 1,3,5-Trimethylbenzene
 Concen: 50.312 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX030718.D
 Acq: 22 Aug 2022 16:36

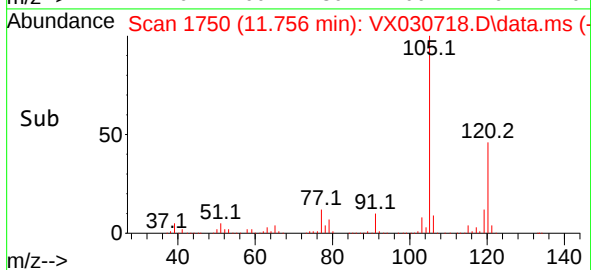
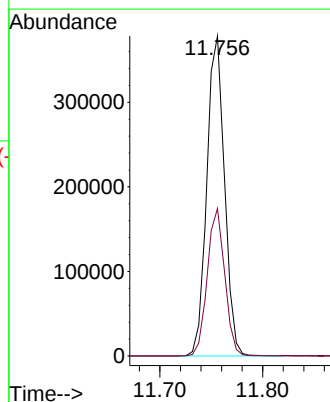
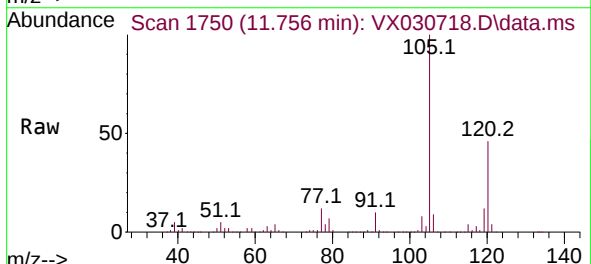
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050794

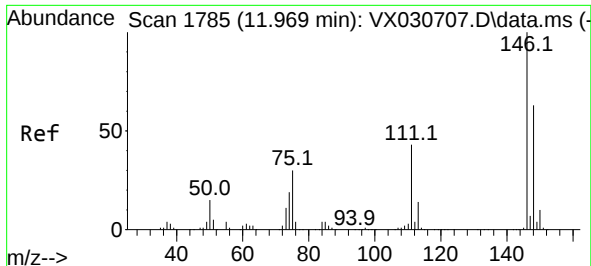
Tgt Ion:105 Resp: 458238
 Ion Ratio Lower Upper
 105 100
 120 48.0 37.2 55.8



#63
 1,2,4-Trimethylbenzene
 Concen: 49.194 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX030718.D
 Acq: 22 Aug 2022 16:36

Tgt Ion:105 Resp: 452482
 Ion Ratio Lower Upper
 105 100
 120 45.3 35.9 53.9

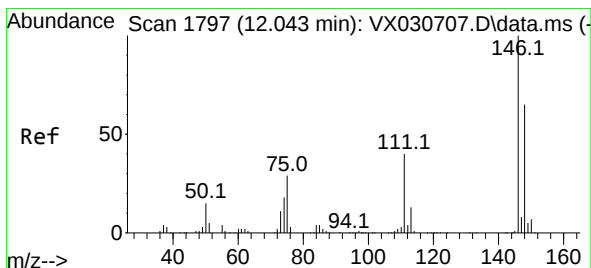
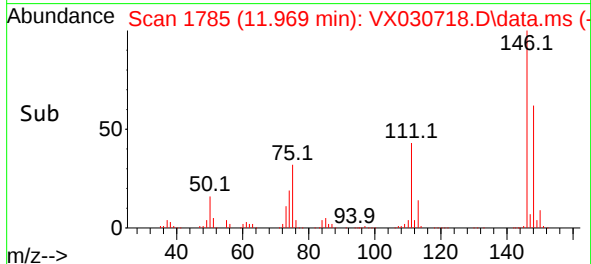
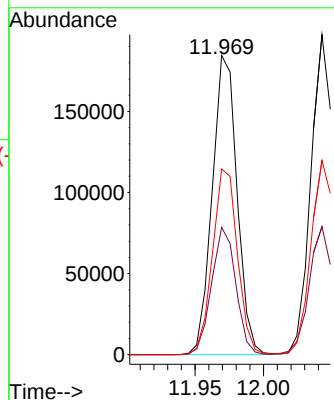
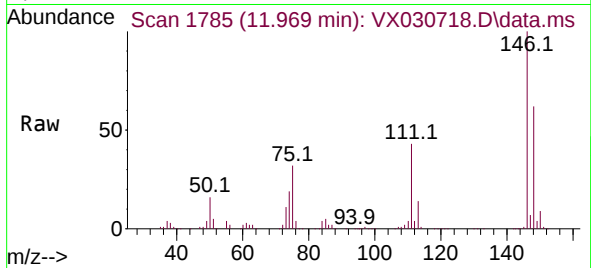




#64
1,3-Dichlorobenzene
Concen: 50.009 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

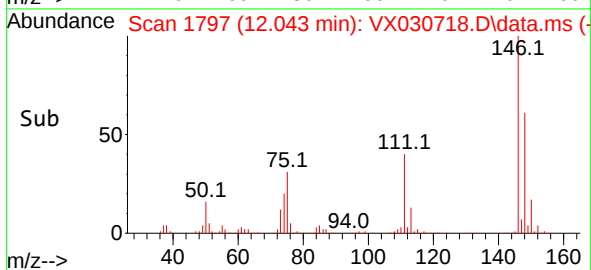
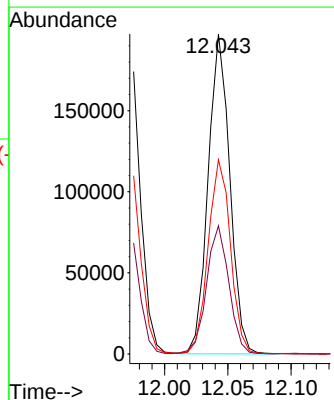
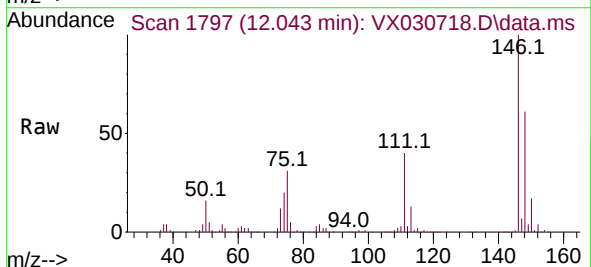
Instrument :
MSVOA_X
ClientSampleId :
VSTD050794

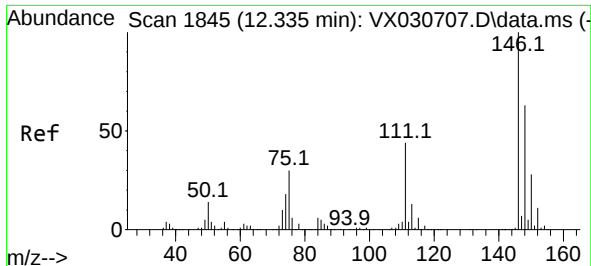
Tgt Ion:146 Resp: 231920
Ion Ratio Lower Upper
146 100
111 42.6 30.9 57.5
148 62.1 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 49.871 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

Tgt Ion:146 Resp: 235113
Ion Ratio Lower Upper
146 100
111 40.1 32.6 60.6
148 60.7 48.3 89.7





#67

1,2-Dichlorobenzene

Concen: 49.921 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX030718.D

Acq: 22 Aug 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

VSTD050794

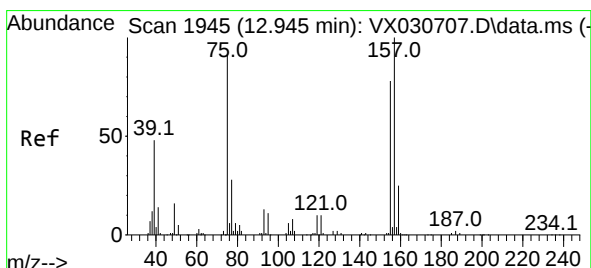
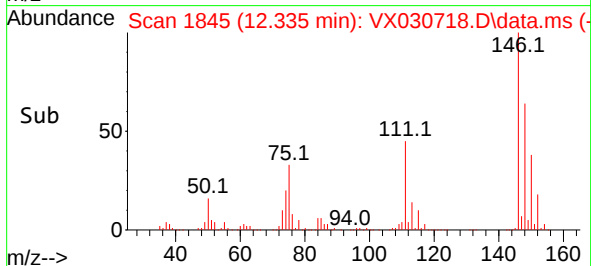
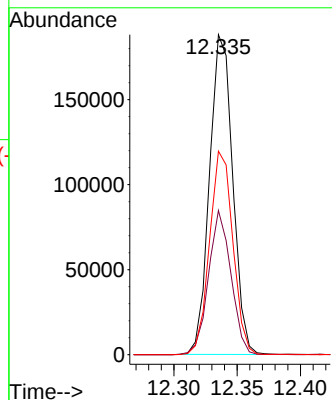
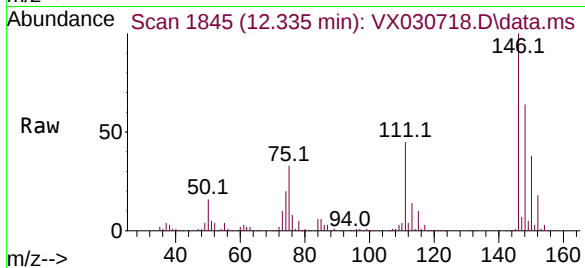
Tgt Ion:146 Resp: 239413

Ion Ratio Lower Upper

146 100

111 45.0 36.9 55.3

148 63.6 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 44.543 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX030718.D

Acq: 22 Aug 2022 16:36

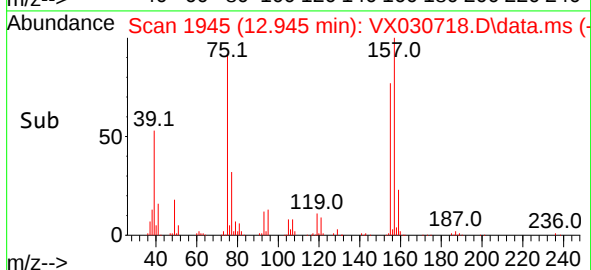
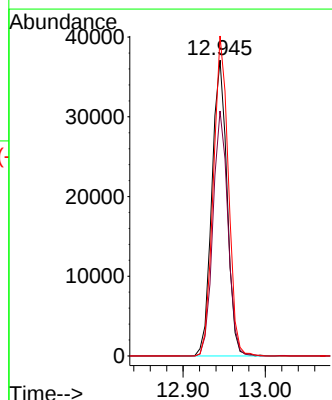
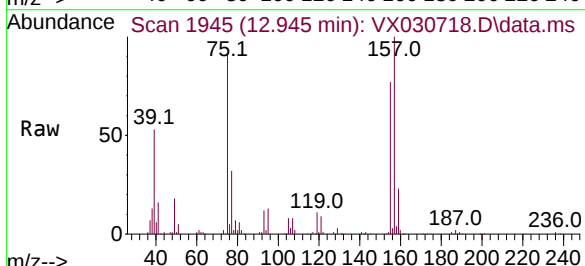
Tgt Ion: 75 Resp: 47491

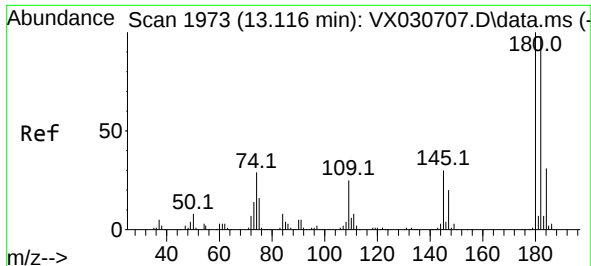
Ion Ratio Lower Upper

75 100

155 82.8 57.1 85.7

157 108.2 73.1 109.7





#69

1,3,5-Trichlorobenzene

Concen: 47.243 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VX030718.D

Acq: 22 Aug 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

VSTD050794

Tgt Ion:180 Resp: 153647

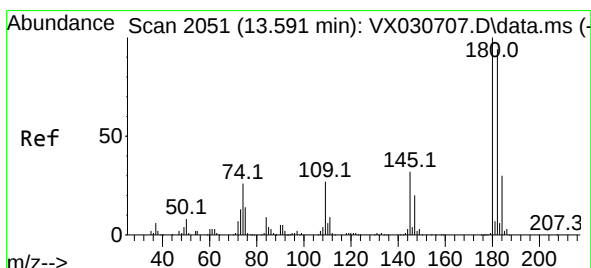
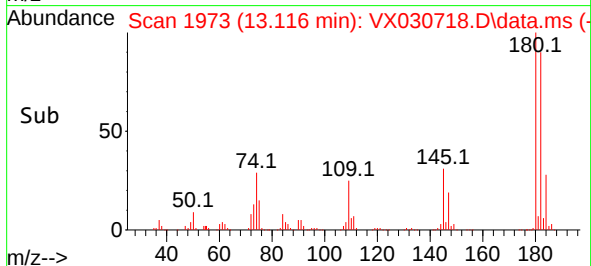
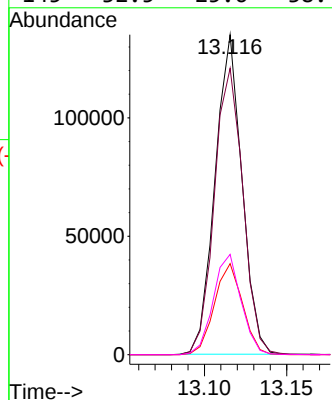
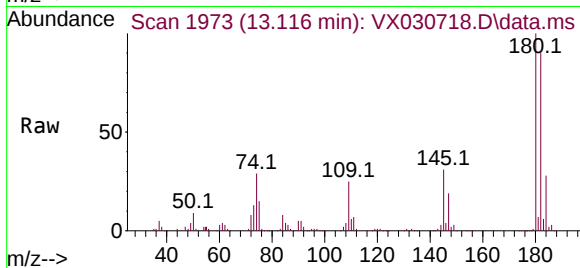
Ion Ratio Lower Upper

180 100

182 95.2 73.7 110.5

184 29.9 24.1 36.1

145 32.5 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 49.317 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX030718.D

Acq: 22 Aug 2022 16:36

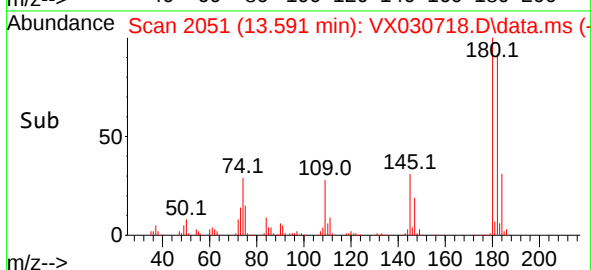
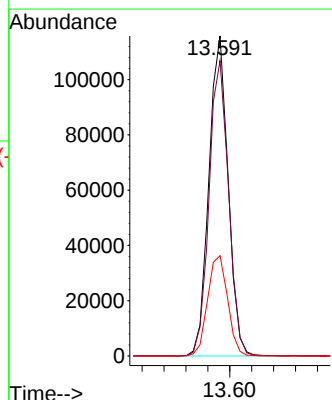
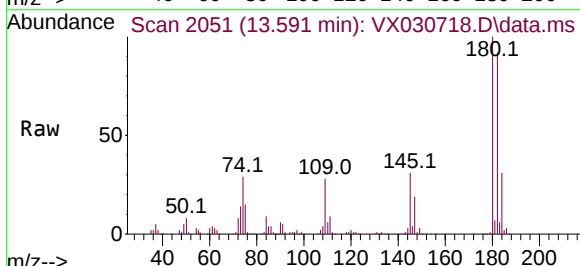
Tgt Ion:180 Resp: 140861

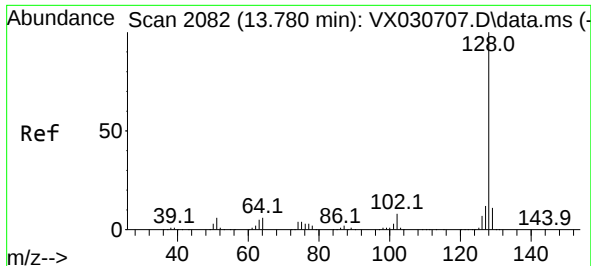
Ion Ratio Lower Upper

180 100

182 93.4 72.7 109.1

145 32.6 26.6 40.0

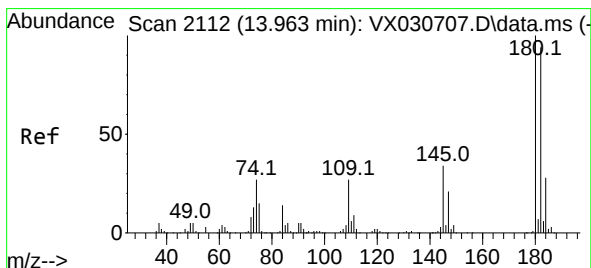
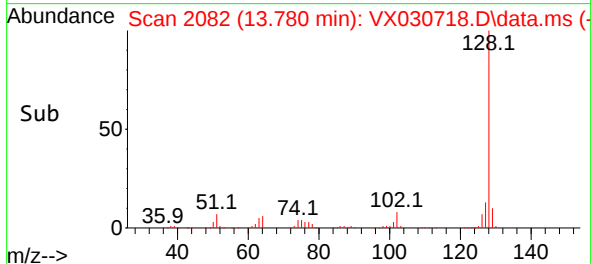
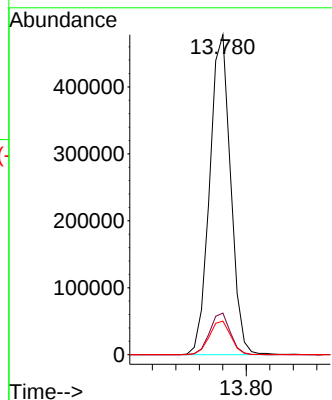
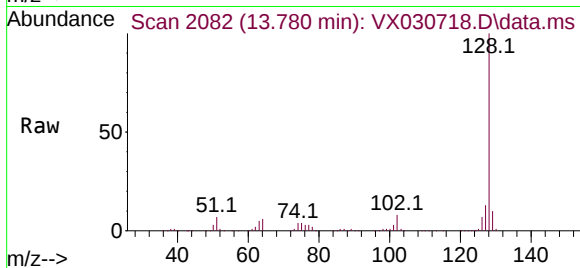




#71
Naphthalene
Concen: 50.097 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

Instrument :
MSVOA_X
ClientSampleId :
VSTD050794

Tgt Ion:128 Resp: 592302
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 49.211 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX030718.D
Acq: 22 Aug 2022 16:36

Tgt Ion:180 Resp: 148472
Ion Ratio Lower Upper
180 100
182 94.6 74.6 112.0
145 35.2 28.4 42.6

