

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082222\
 Data File : VX030707.D
 Acq On : 22 Aug 2022 10:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050793

Quant Time: Aug 23 01:58:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 20 02:12:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	324820	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	295095	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	150827	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	90177	43.231	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.460%
7) Chloroethane-d5	1.666	69	70380	47.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.720%
11) 1,1-Dichloroethene-d2	2.307	63	181394	45.972	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.940%
21) 2-Butanone-d5	4.459	46	173728	89.887	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.890%
24) Chloroform-d	5.056	84	203098	47.298	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.958	65	123757	42.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.900%
32) Benzene-d6	5.977	84	404912	47.902	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	7.306	67	137533	50.149	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.300%
41) Toluene-d8	8.647	98	374131	46.955	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.920%
43) trans-1,3-Dichloroprop...	8.952	79	63295	46.392	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.780%
47) 2-Hexanone-d5	9.385	63	134443	96.175	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.170%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	188911	52.435	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.880%
66) 1,2-Dichlorobenzene-d4	12.323	152	142649	48.761	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	99817	40.838	ug/L	99
3) Chloromethane	1.295	50	91657	43.611	ug/L	99
5) Vinyl chloride	1.374	62	107031	47.677	ug/L	99
6) Bromomethane	1.612	94	45433	43.067	ug/L	97
8) Chloroethane	1.685	64	61346	47.975	ug/L	99
9) Trichlorofluoromethane	1.886	101	155919	46.995	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	109621	55.550	ug/L	99
12) 1,1-Dichloroethene	2.319	96	99689	54.833	ug/L #	65
13) Acetone	2.386	43	121039	85.450	ug/L	89
14) Carbon disulfide	2.508	76	240360	40.791	ug/L	100
15) Methyl Acetate	2.709	43	125674	42.864	ug/L	93
16) Methylene chloride	2.788	84	118521	51.412	ug/L	88
17) trans-1,2-Dichloroethene	3.093	96	102503	48.666	ug/L	89
18) Methyl tert-butyl Ether	3.117	73	352108	49.158	ug/L	96
19) 1,1-Dichloroethane	3.611	63	200658	49.256	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	125192	52.838	ug/L	84
22) 2-Butanone	4.562	43	193482	86.587	ug/L	90
23) Bromochloromethane	4.904	128	63804	53.699	ug/L	86
25) Chloroform	5.093	83	217061	50.713	ug/L	100

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 Response via : Initial Calibration

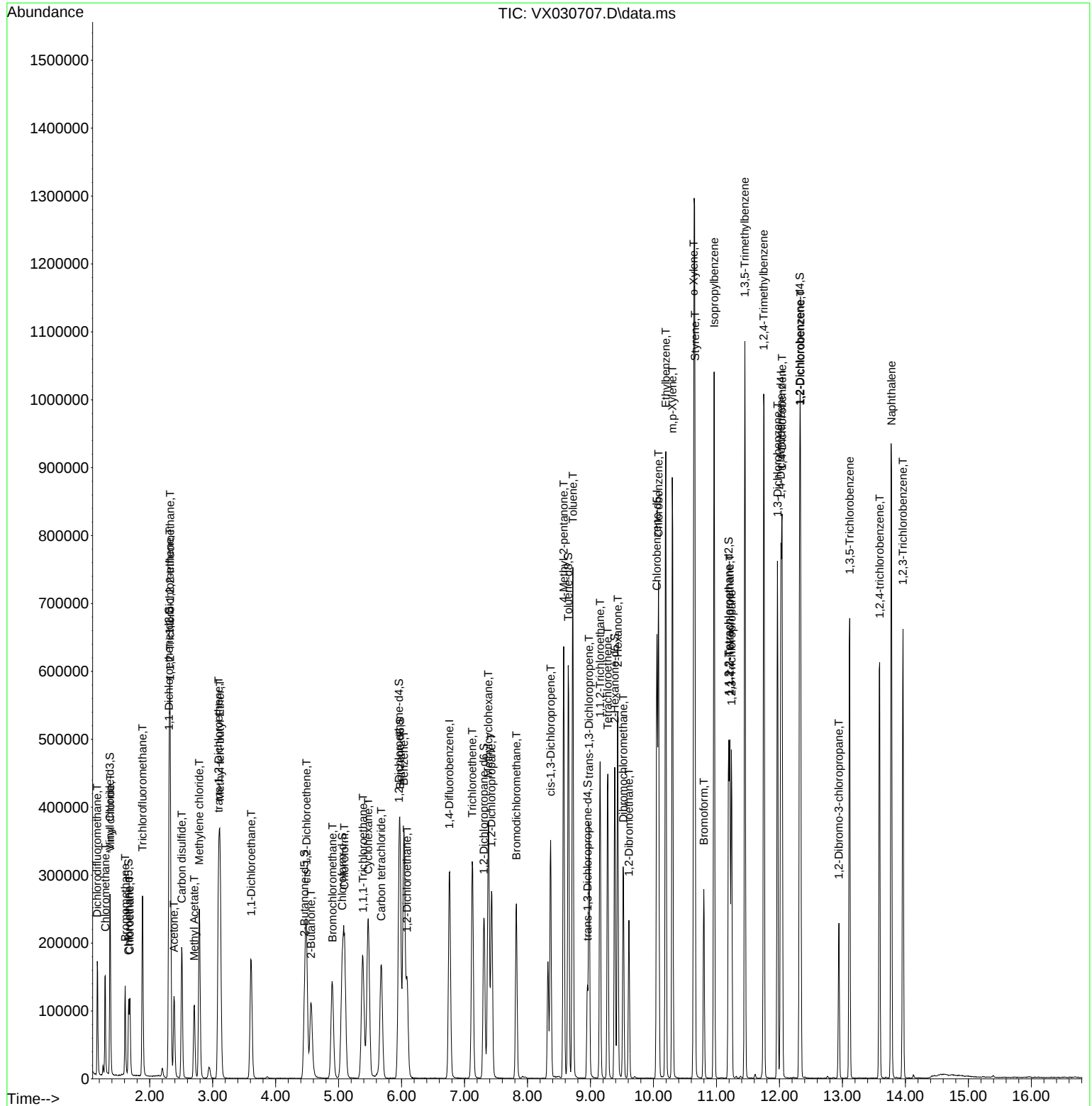
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	152542	42.820	ug/L	100
29) Cyclohexane	5.471	56	165685	42.234	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	180926	46.481	ug/L	96
31) Carbon tetrachloride	5.678	117	158746	49.413	ug/L	99
33) Benzene	6.038	78	460277	48.648	ug/L	100
34) Trichloroethene	7.123	95	127228	46.429	ug/L	86
35) Methylcyclohexane	7.379	83	180209	45.174	ug/L	95
37) 1,2-Dichloropropane	7.428	63	123427	49.064	ug/L	99
38) Bromodichloromethane	7.824	83	170726	51.279	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	194000	51.696	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	358641	81.866	ug/L #	90
42) Toluene	8.720	91	493766	49.402	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	183738	50.024	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	127454	54.487	ug/L	96
46) Tetrachloroethene	9.275	164	84986	49.073	ug/L	97
48) 2-Hexanone	9.433	43	279527	82.122	ug/L	91
49) Dibromochloromethane	9.519	129	141778	56.971	ug/L	99
50) 1,2-Dibromoethane	9.610	107	129379	50.295	ug/L	99
51) Chlorobenzene	10.080	112	320015	51.392	ug/L	95
52) Ethylbenzene	10.195	91	541657	49.702	ug/L	98
53) m,p-Xylene	10.299	106	207777	51.151	ug/L	98
54) o-Xylene	10.640	106	204376	50.492	ug/L	95
55) Styrene	10.659	104	361776	53.082	ug/L	91
57) 1,1,2,2-Tetrachloroethane	11.213	83	193031	54.234	ug/L	99
59) Bromoform	10.799	173	100363	61.105	ug/L	100
60) Isopropylbenzene	10.964	105	539172	50.432	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	157709	48.689	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	463005	50.727	ug/L	96
63) 1,2,4-Trimethylbenzene	11.750	105	460649	49.975	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	241929	52.056	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	244604	51.774	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	244246	50.821	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	46597	43.611	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.116	180	162624	49.897	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	148343	51.826	ug/L	97
71) Naphthalene	13.780	128	595518	50.262	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	156142	51.643	ug/L	99

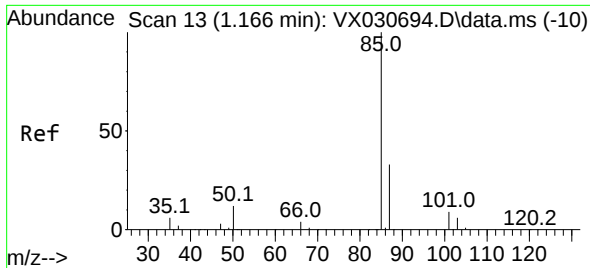
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ClientSampleId :
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QLast Update : Sat Aug 20 02:12:38 2022
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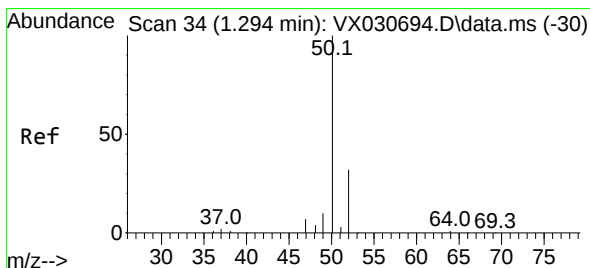
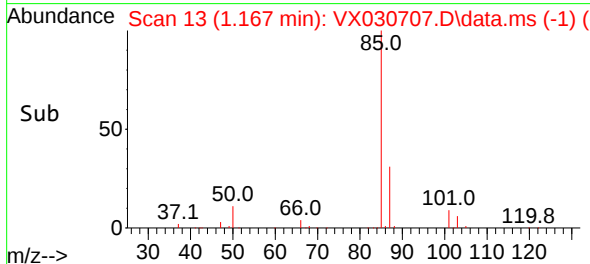
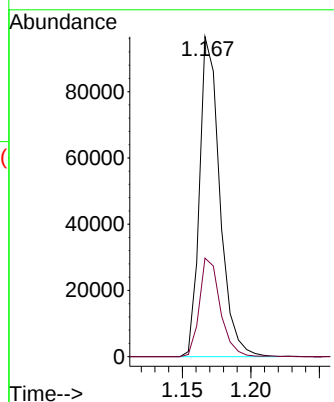
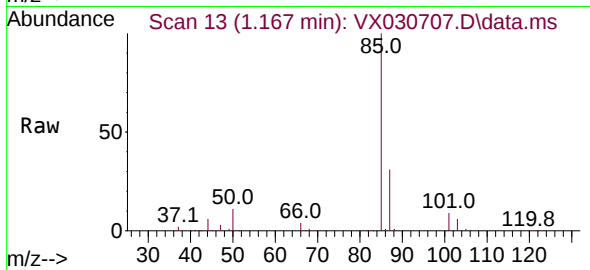




#2
 Dichlorodifluoromethane
 Concen: 40.838 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030707.D
 Acq: 22 Aug 2022 10:47

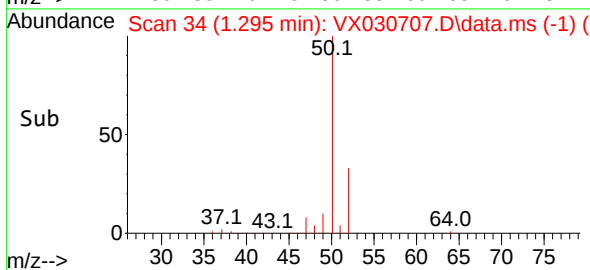
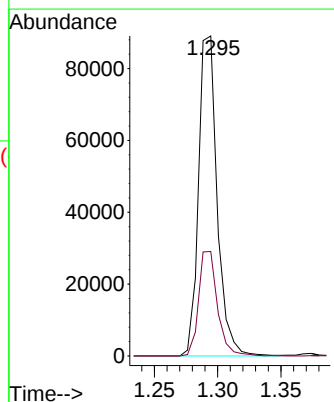
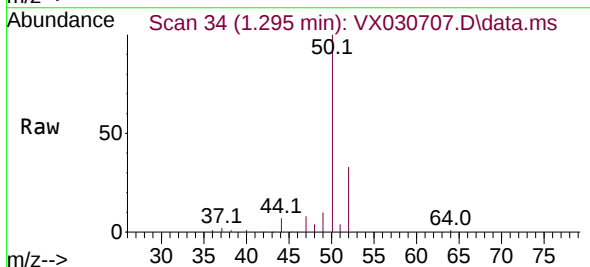
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050793

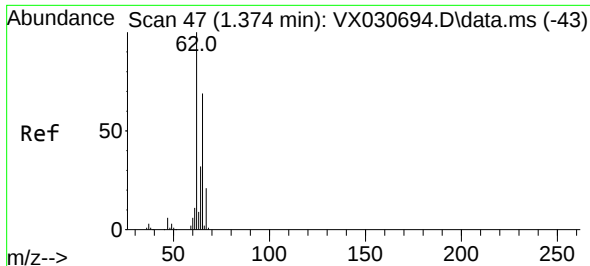
Tgt Ion: 85 Resp: 99817
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.6 38.4



#3
 Chloromethane
 Concen: 43.611 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX030707.D
 Acq: 22 Aug 2022 10:47

Tgt Ion: 50 Resp: 91657
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.3 43.3

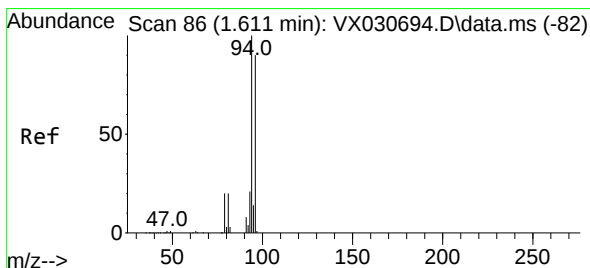
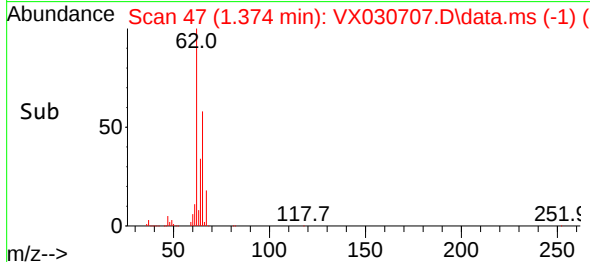
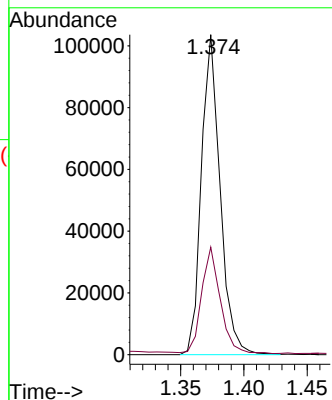
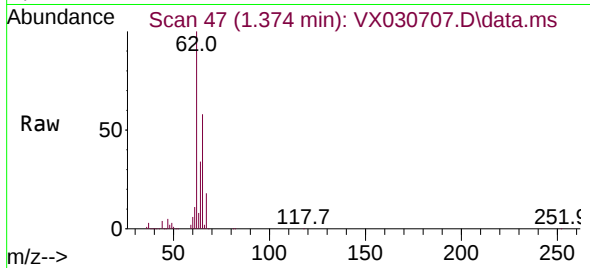




#5
 Vinyl chloride
 Concen: 47.677 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030707.D
 Acq: 22 Aug 2022 10:47

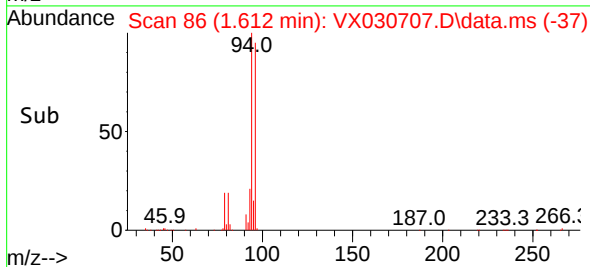
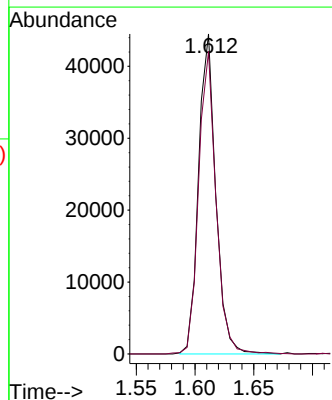
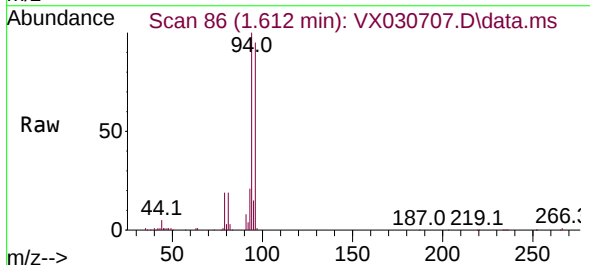
Instrument :
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 ClientSampleId :
 VSTD050793

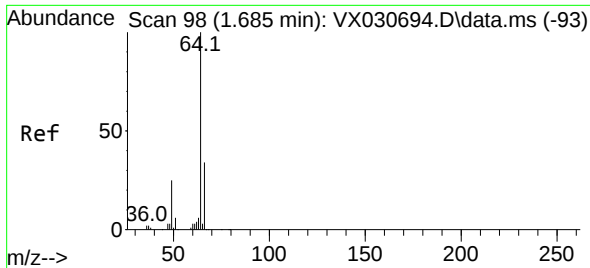
Tgt Ion: 62 Resp: 107031
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.8 44.2



#6
 Bromomethane
 Concen: 43.067 ug/L
 RT: 1.612 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX030707.D
 Acq: 22 Aug 2022 10:47

Tgt Ion: 94 Resp: 45433
 Ion Ratio Lower Upper
 94 100
 96 94.5 63.8 118.6

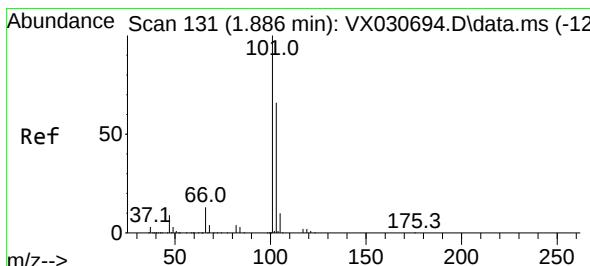
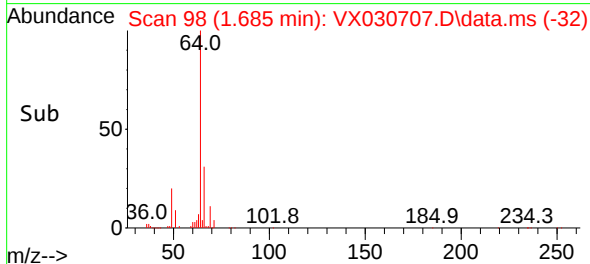
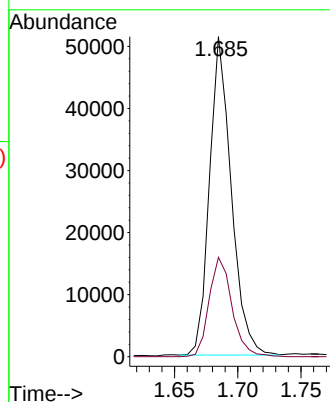
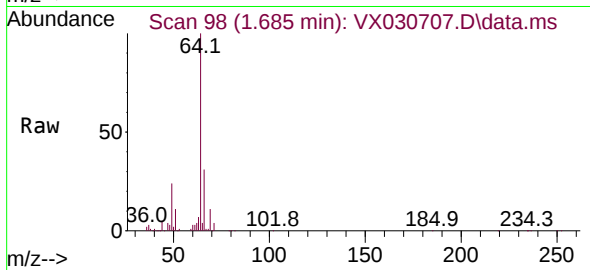




#8
Chloroethane
Concen: 47.975 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

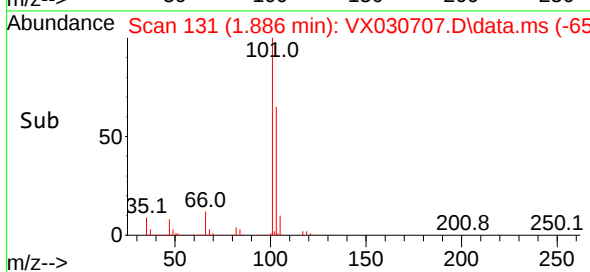
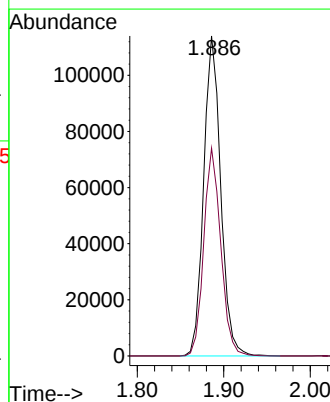
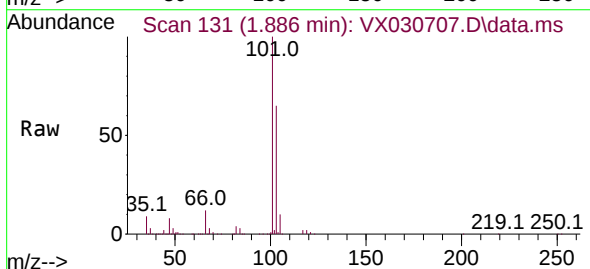
Instrument :
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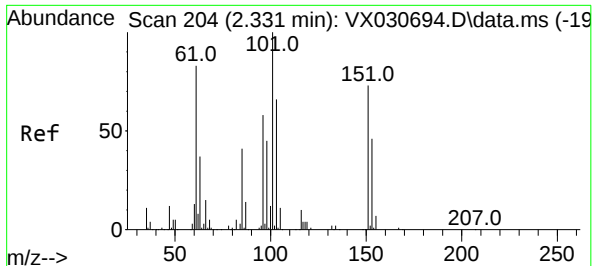
Tgt Ion: 64 Resp: 61346
Ion Ratio Lower Upper
64 100
66 31.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 46.995 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

Tgt Ion: 101 Resp: 155919
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3





#10

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

Concen: 55.550 ug/L

RT: 2.325 min Scan# 204

Delta R.T. -0.006 min

Lab File: VX030707.D

Acq: 22 Aug 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTD050793

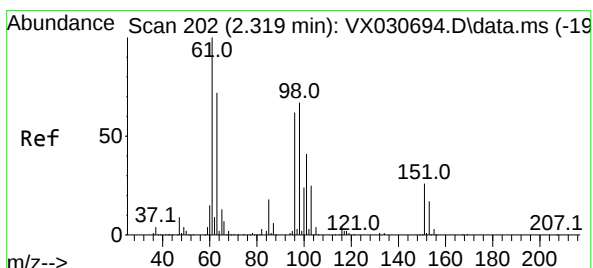
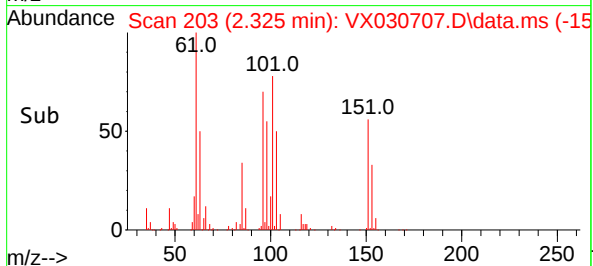
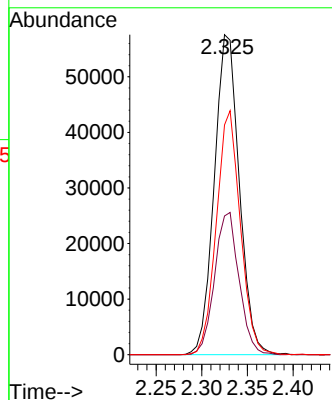
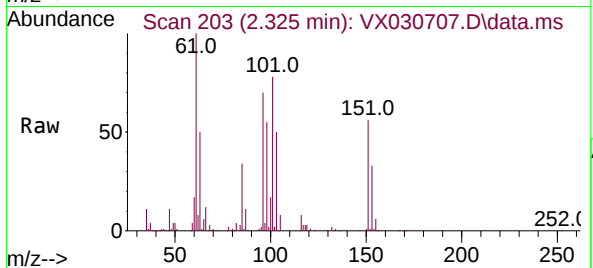
Tgt Ion:101 Resp: 109621

Ion Ratio Lower Upper

101 100

85 43.4 35.3 52.9

151 73.3 58.3 87.5



#12

1,1-Dichloroethene

Concen: 54.833 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX030707.D

Acq: 22 Aug 2022 10:47

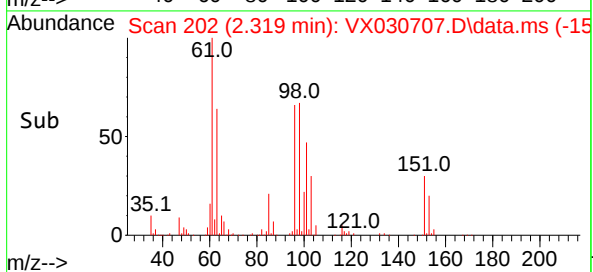
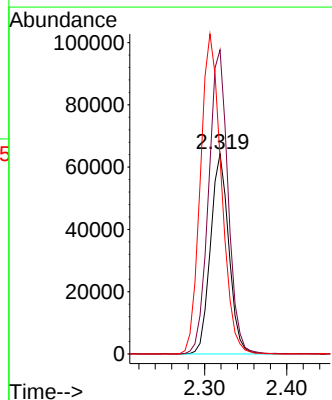
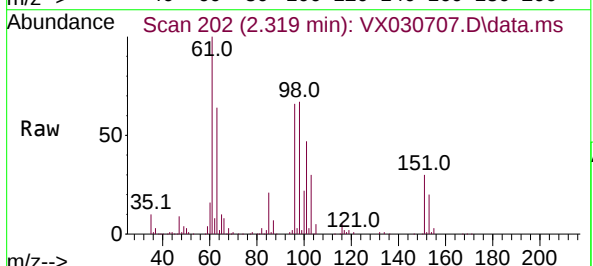
Tgt Ion: 96 Resp: 99689

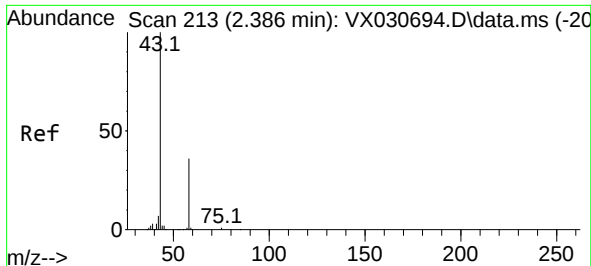
Ion Ratio Lower Upper

96 100

61 152.0 130.2 241.8

63 97.9 113.5 210.9#





#13

Acetone

Concen: 85.450 ug/L

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX030707.D

Acq: 22 Aug 2022 10:47

Instrument :

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ClientSampleId :

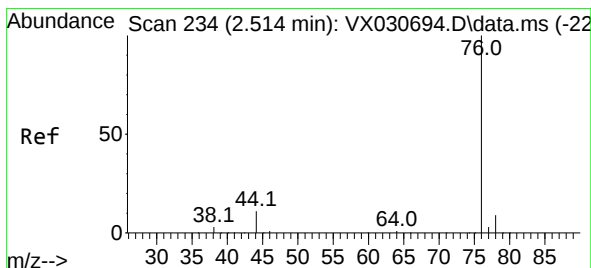
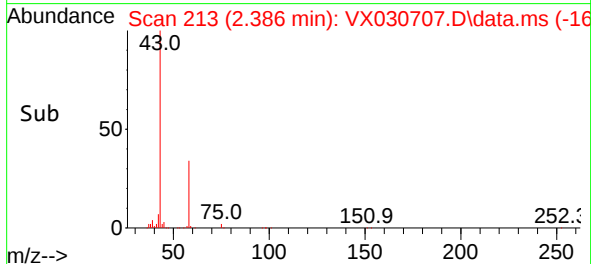
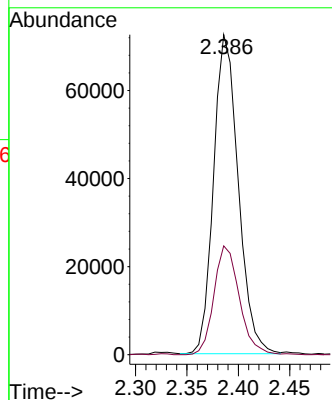
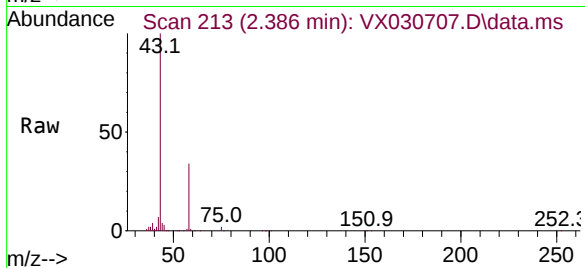
VSTD050793

Tgt Ion: 43 Resp: 121039

Ion Ratio Lower Upper

43 100

58 34.9 0.0 57.8



#14

Carbon disulfide

Concen: 40.791 ug/L

RT: 2.508 min Scan# 233

Delta R.T. -0.006 min

Lab File: VX030707.D

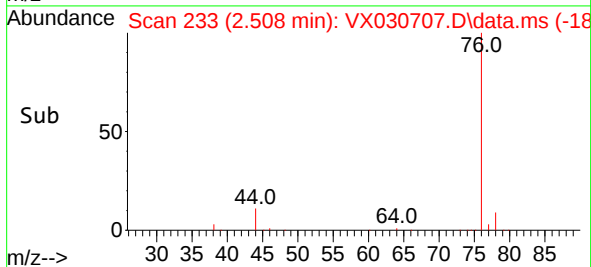
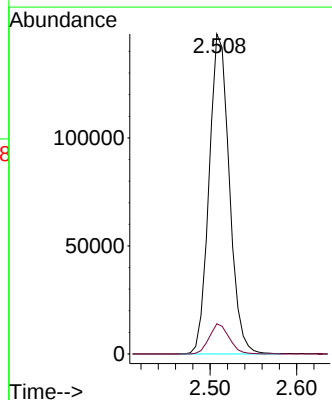
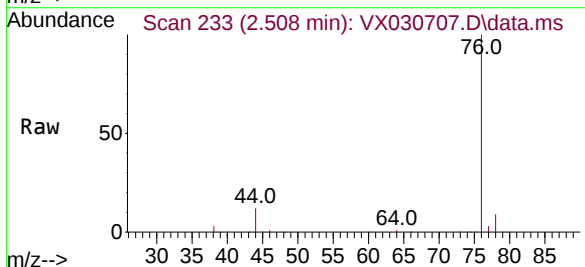
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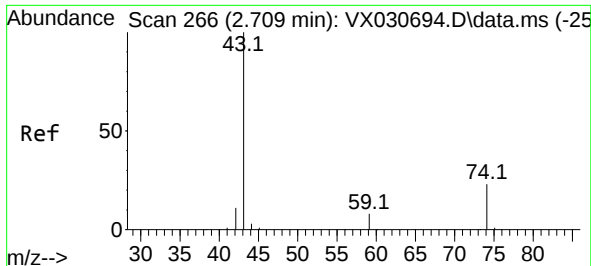
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Ion Ratio Lower Upper

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78 9.4 7.4 11.2

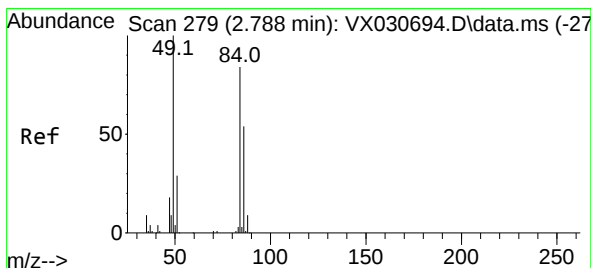
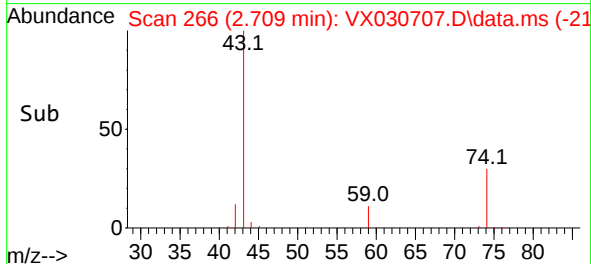
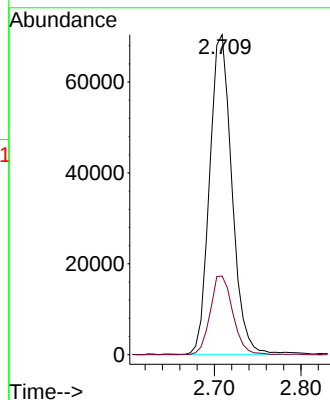
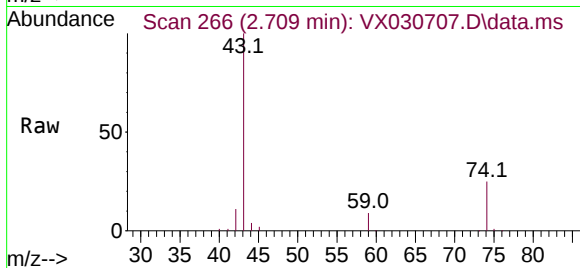




#15
Methyl Acetate
Concen: 42.864 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

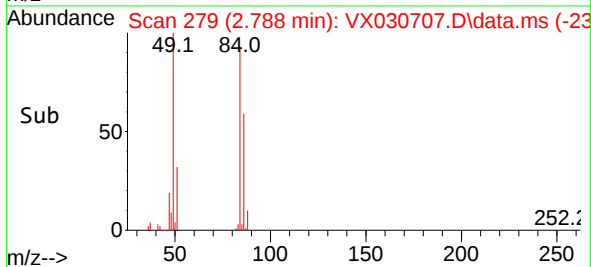
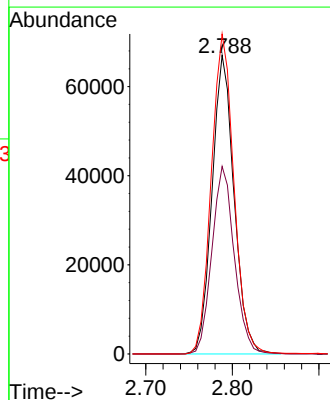
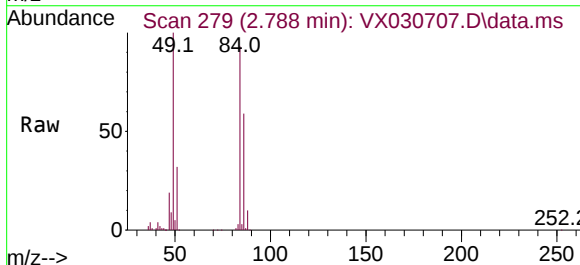
Instrument :
MSVOA_X
ClientSampleId :
VSTD050793

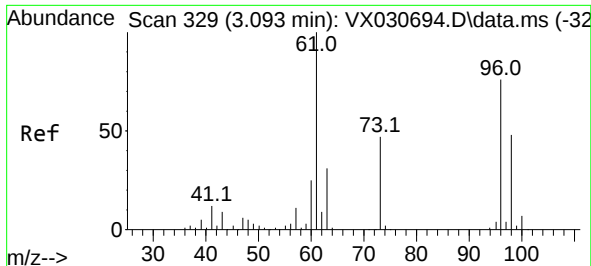
Tgt Ion: 43 Resp: 125674
Ion Ratio Lower Upper
43 100
74 25.0 17.2 25.8



#16
Methylene chloride
Concen: 51.412 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

Tgt Ion: 84 Resp: 118521
Ion Ratio Lower Upper
84 100
86 62.8 44.2 82.2
49 107.1 89.0 165.2





#17

trans-1,2-Dichloroethene

Concen: 48.666 ug/L

RT: 3.093 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX030707.D

Acq: 22 Aug 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTD050793

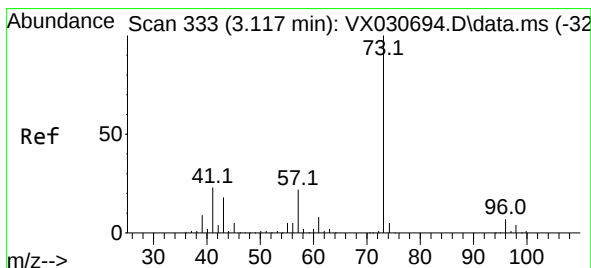
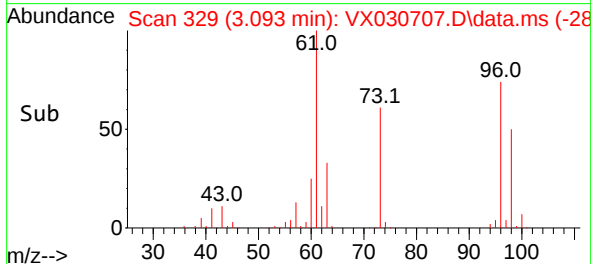
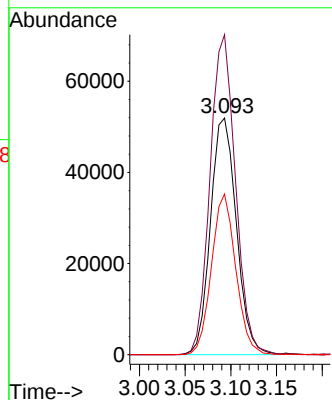
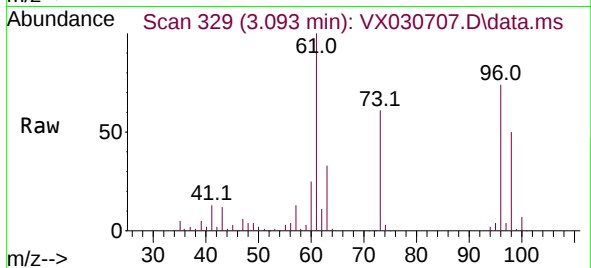
Tgt Ion: 96 Resp: 102503

Ion Ratio Lower Upper

96 100

61 135.2 103.7 192.5

98 67.9 41.5 77.1



#18

Methyl tert-butyl Ether

Concen: 49.158 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX030707.D

Acq: 22 Aug 2022 10:47

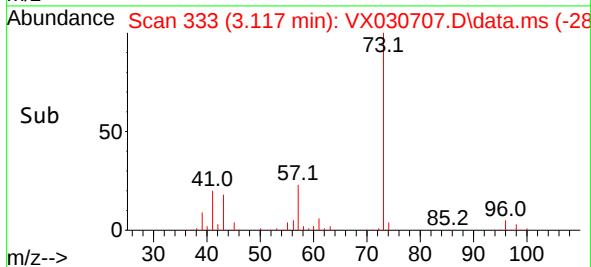
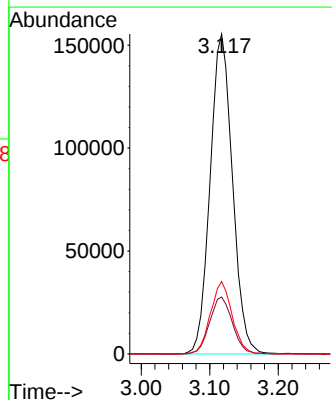
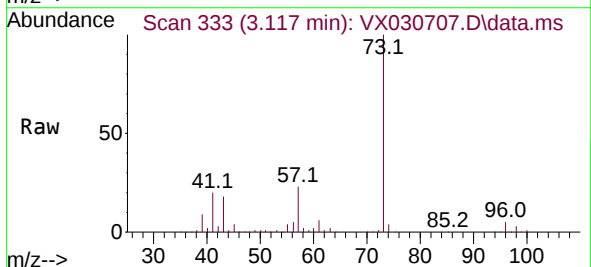
Tgt Ion: 73 Resp: 352108

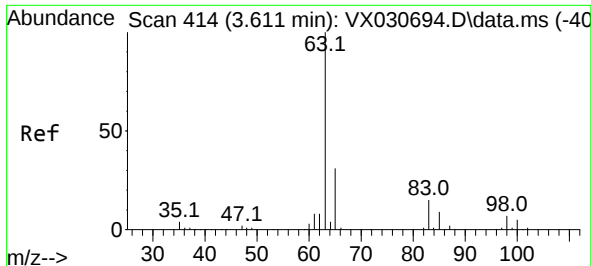
Ion Ratio Lower Upper

73 100

43 18.1 17.6 26.4

57 22.0 17.5 26.3





#19

1,1-Dichloroethane

Concen: 49.256 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX030707.D

Acq: 22 Aug 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTD050793

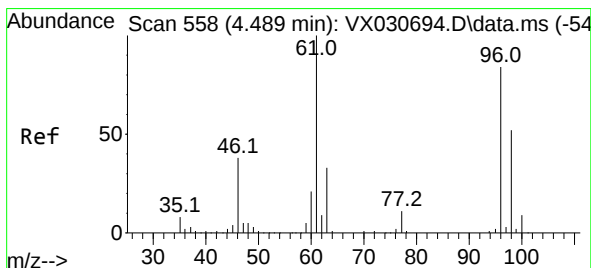
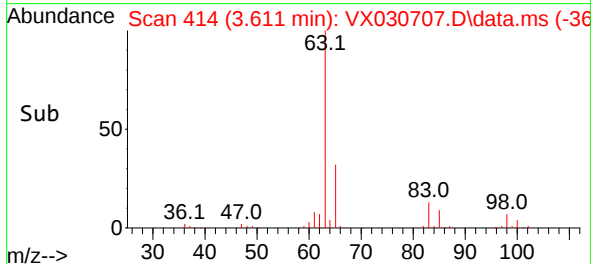
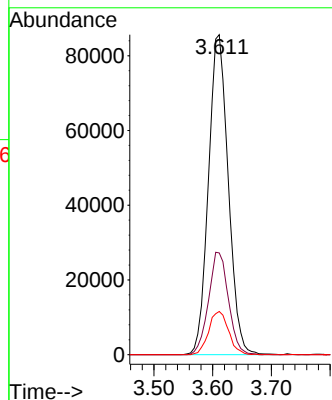
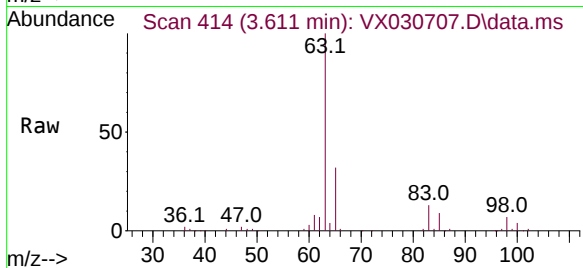
Tgt Ion: 63 Resp: 200658

Ion Ratio Lower Upper

63 100

65 31.8 22.0 40.8

83 13.5 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 52.838 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX030707.D

Acq: 22 Aug 2022 10:47

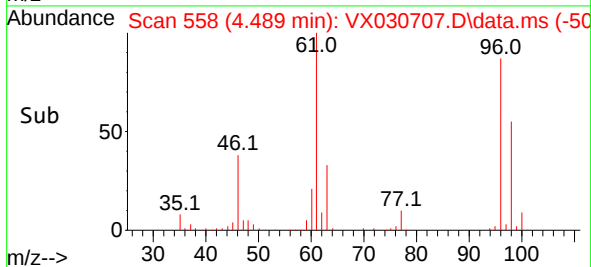
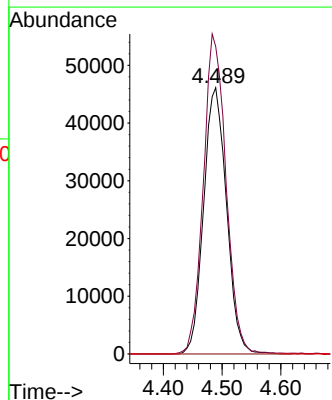
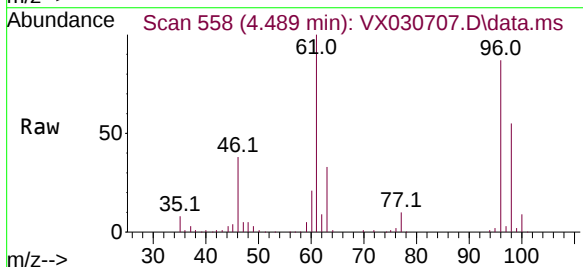
Tgt Ion: 96 Resp: 125192

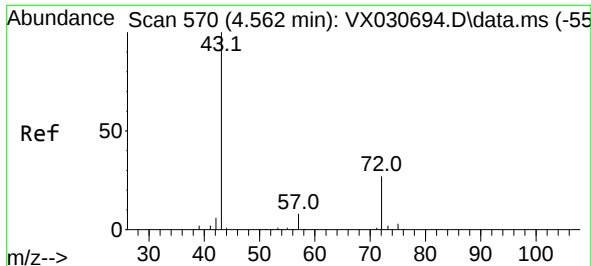
Ion Ratio Lower Upper

96 100

61 115.4 94.0 174.6

68 0.0 0.0 0.0

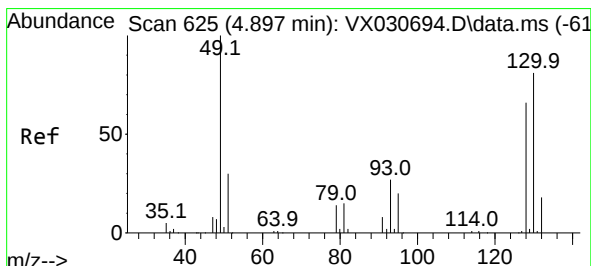
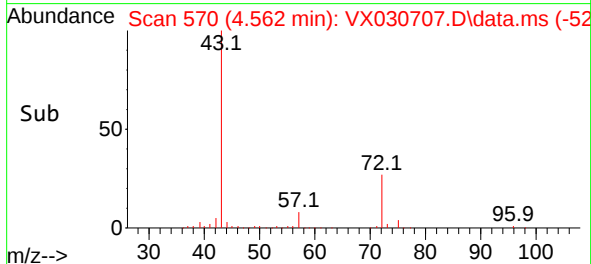
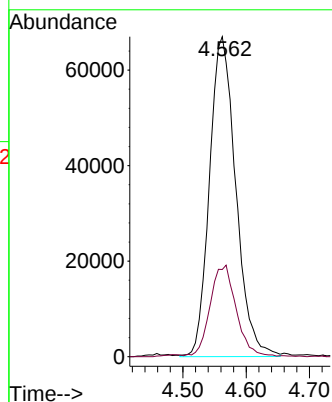
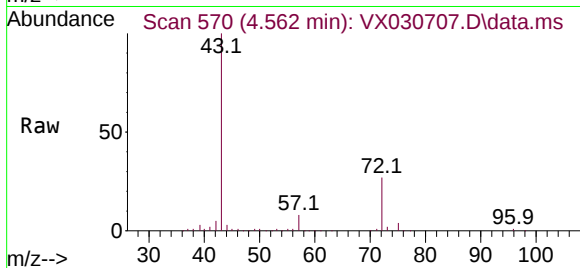




#22
2-Butanone
Concen: 86.587 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

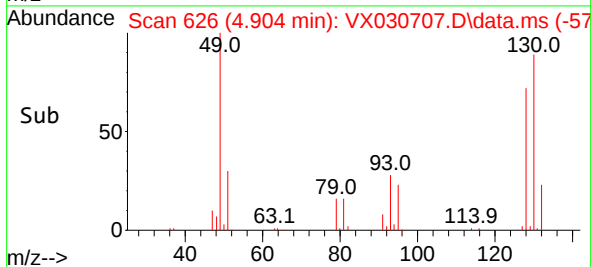
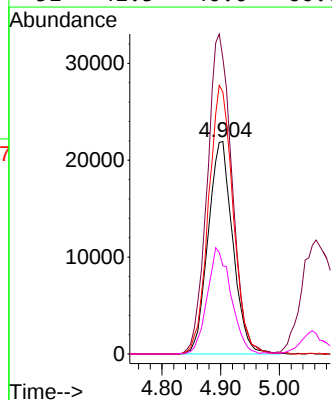
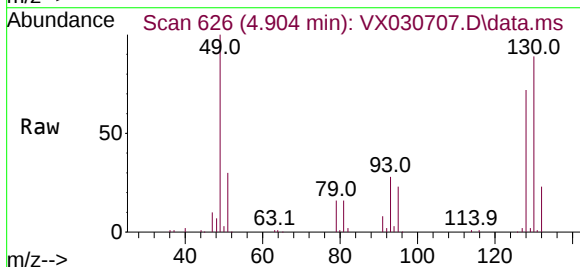
Instrument :
MSVOA_X
ClientSampleId :
VSTD050793

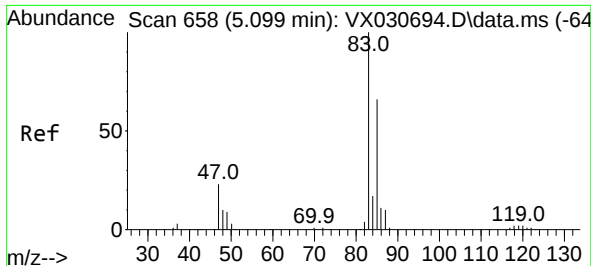
Tgt Ion: 43 Resp: 193482
Ion Ratio Lower Upper
43 100
72 28.3 11.7 35.1



#23
Bromochloromethane
Concen: 53.699 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

Tgt Ion: 128 Resp: 63804
Ion Ratio Lower Upper
128 100
49 139.0 116.8 216.8
130 123.2 90.3 167.7
51 41.5 40.0 60.0

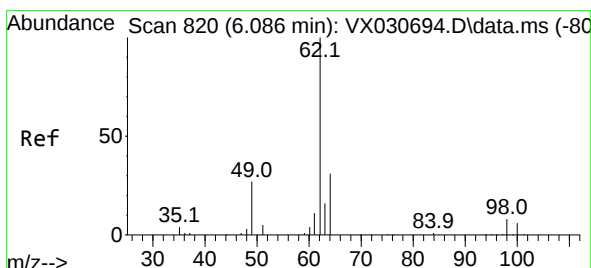
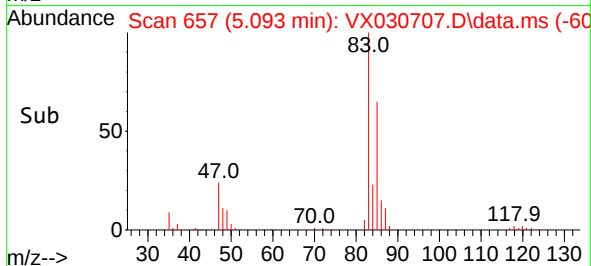
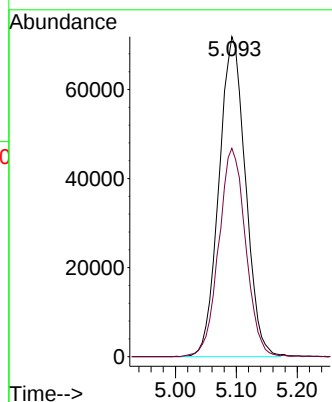
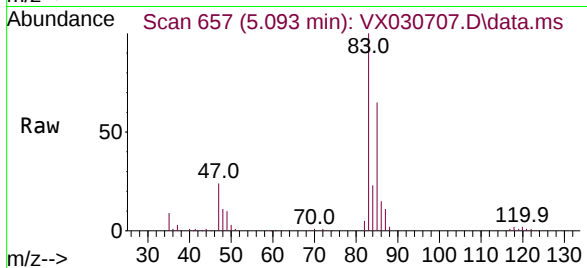




#25
Chloroform
Concen: 50.713 ug/L
RT: 5.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

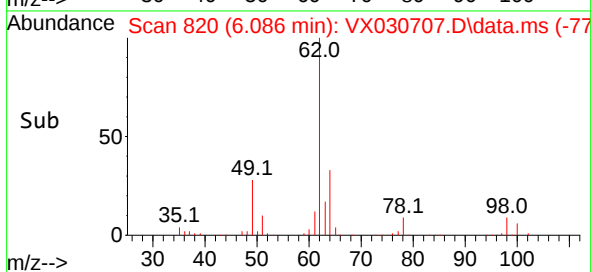
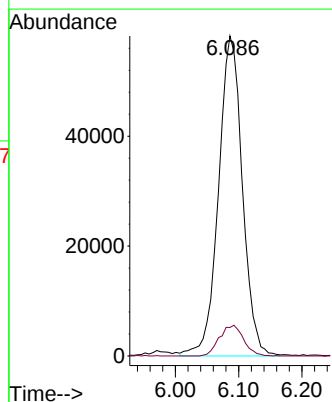
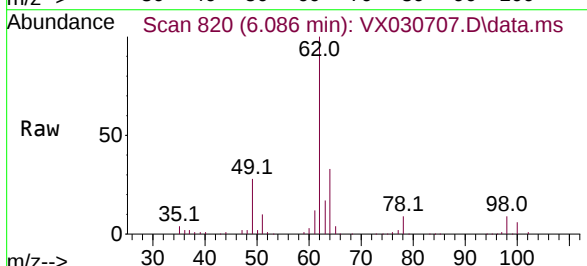
Instrument :
MSVOA_X
ClientSampleId :
VSTD050793

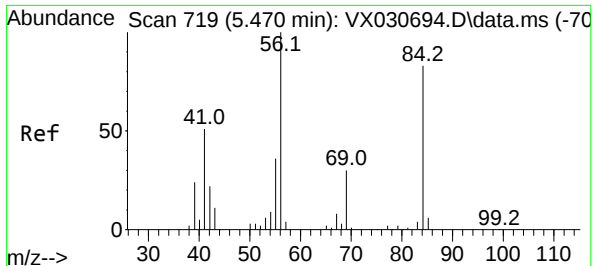
Tgt Ion: 83 Resp: 217061
Ion Ratio Lower Upper
83 100
85 65.1 45.6 84.6



#27
1,2-Dichloroethane
Concen: 42.820 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

Tgt Ion: 62 Resp: 152542
Ion Ratio Lower Upper
62 100
98 8.9 7.0 10.6

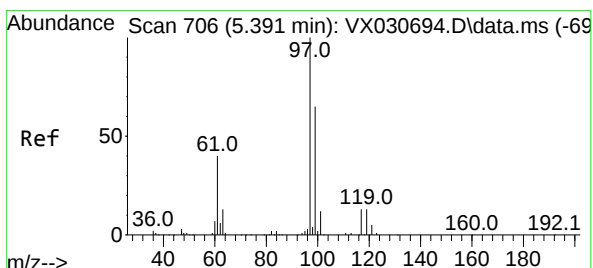
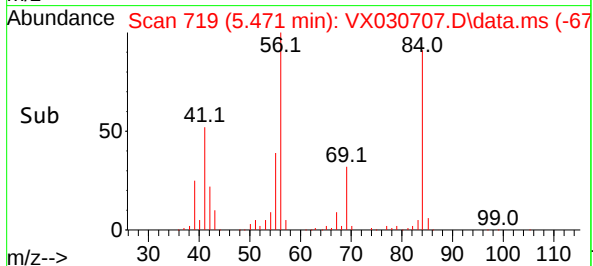
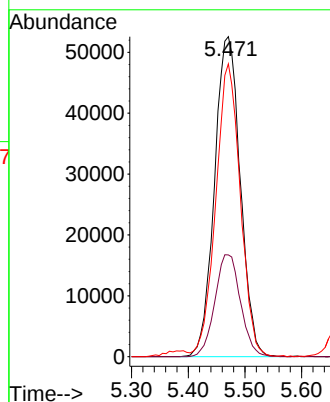
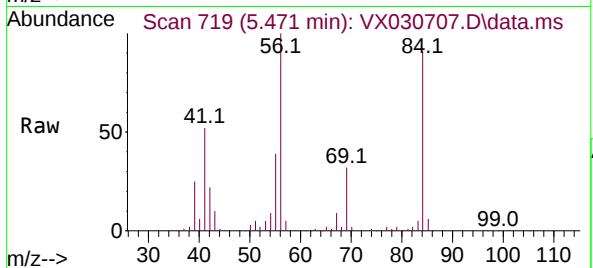




#29
Cyclohexane
Concen: 42.234 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

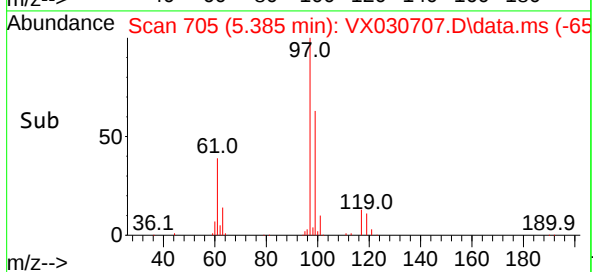
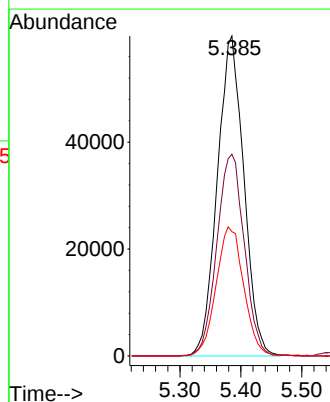
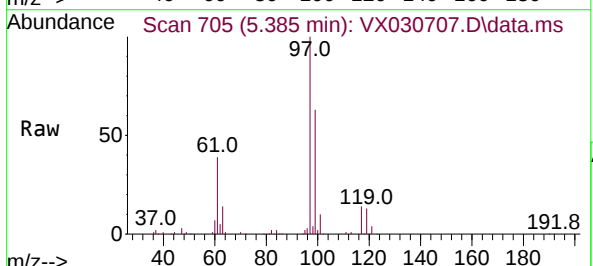
Instrument :
MSVOA_X
ClientSampleId :
VSTD050793

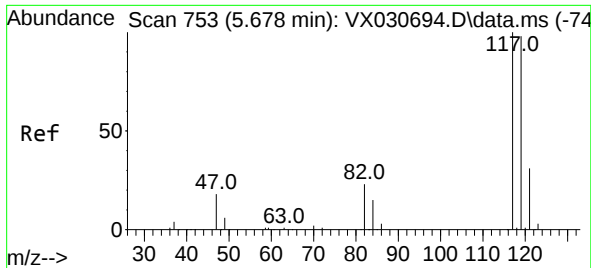
Tgt Ion: 56 Resp: 165685
Ion Ratio Lower Upper
56 100
69 31.6 24.3 36.5
84 87.1 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 46.481 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

Tgt Ion: 97 Resp: 180926
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.0
61 41.9 37.0 55.6

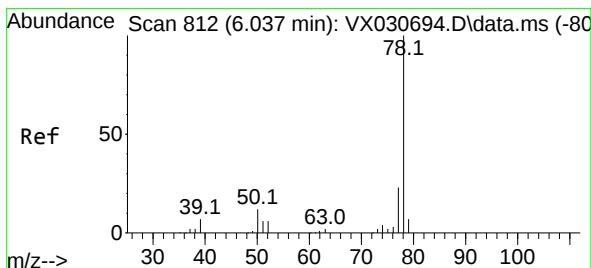
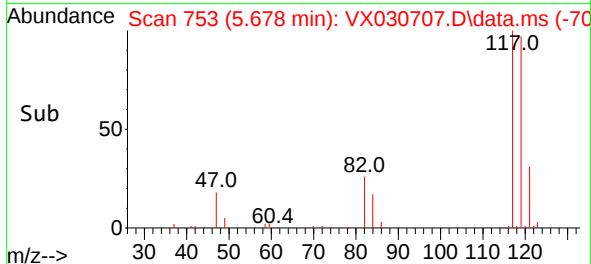
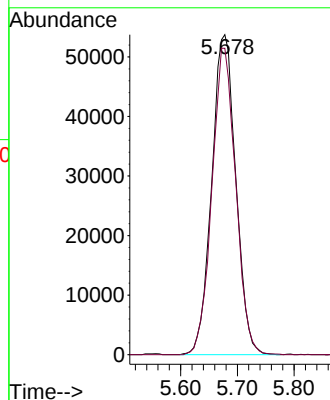
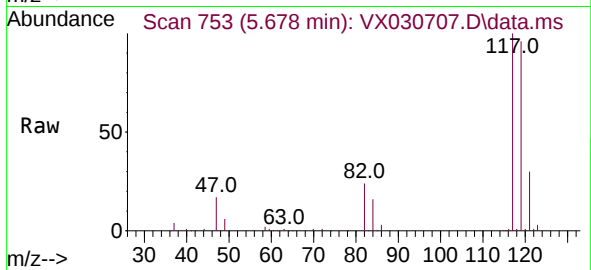




#31
Carbon tetrachloride
Concen: 49.413 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

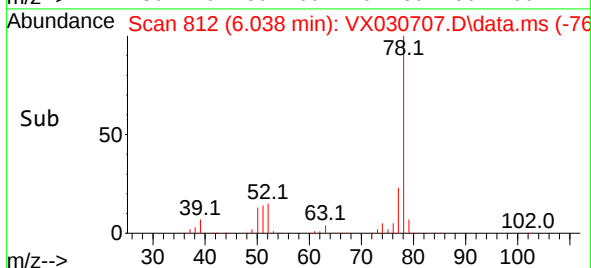
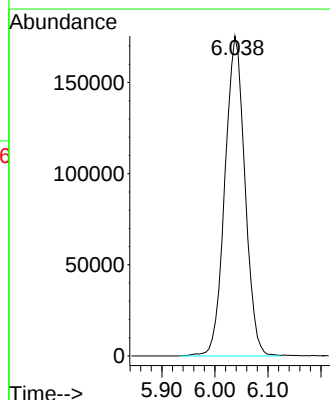
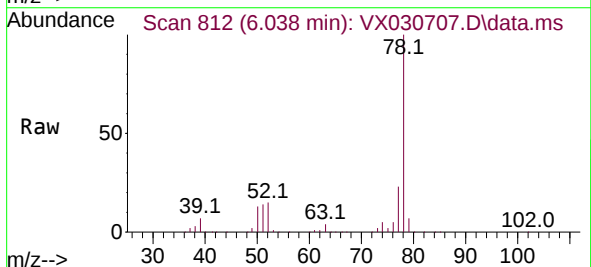
Instrument :
MSVOA_X
ClientSampleId :
VSTD050793

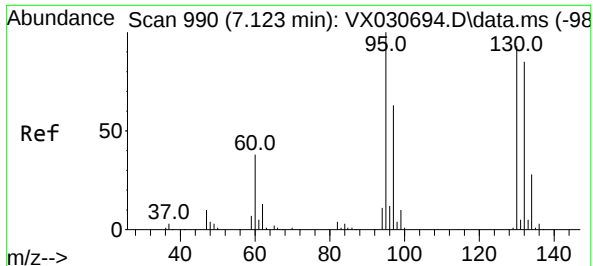
Tgt Ion:117 Resp: 158746
Ion Ratio Lower Upper
117 100
119 94.5 76.2 114.2



#33
Benzene
Concen: 48.648 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

Tgt Ion: 78 Resp: 460277

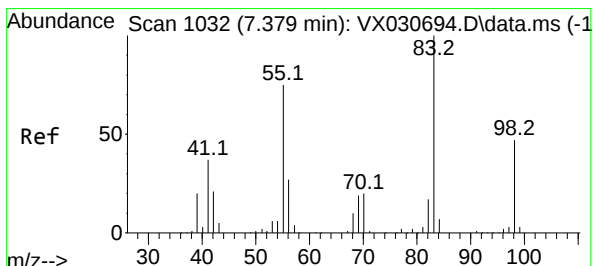
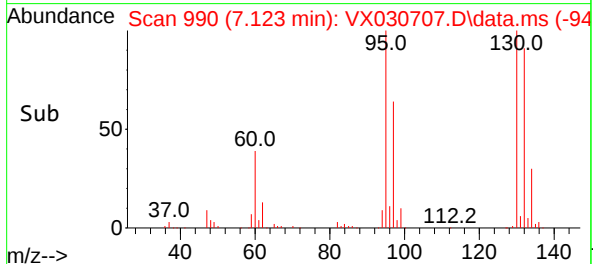
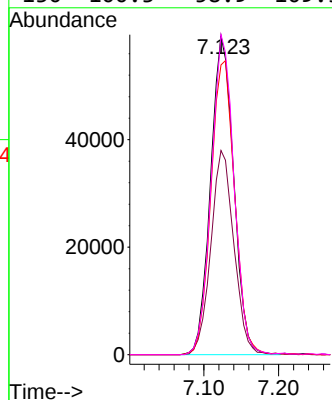
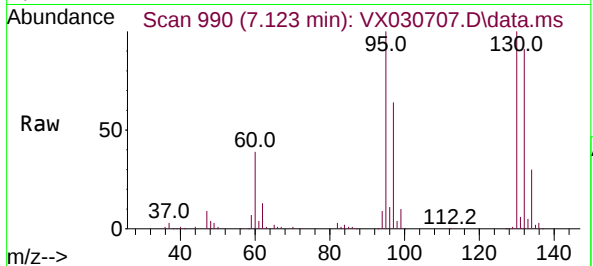




#34
Trichloroethene
Concen: 46.429 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

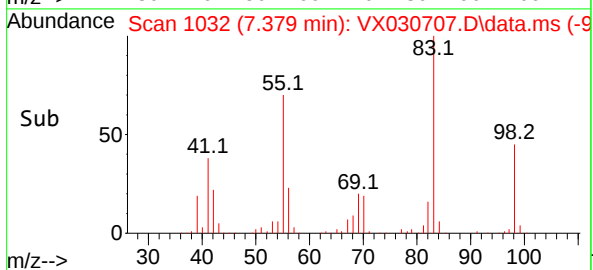
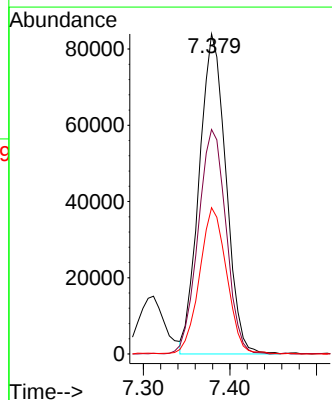
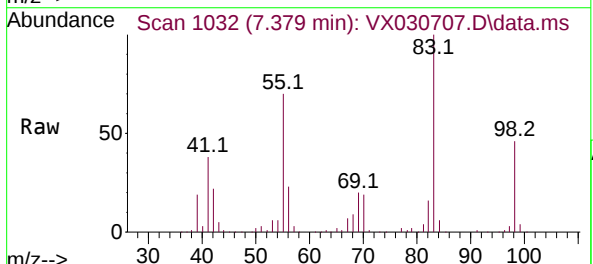
Instrument :
MSVOA_X
ClientSampleId :
VSTD050793

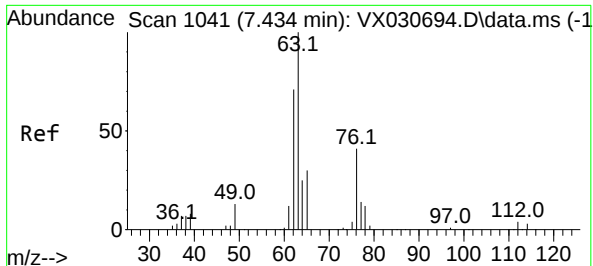
Tgt Ion: 95 Resp: 127228
Ion Ratio Lower Upper
95 100
97 64.0 40.2 74.6
132 90.8 55.3 102.7
130 100.3 58.9 109.5



#35
Methylcyclohexane
Concen: 45.174 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

Tgt Ion: 83 Resp: 180209
Ion Ratio Lower Upper
83 100
55 72.9 64.0 96.0
98 45.7 36.7 55.1





#37

1,2-Dichloropropane

Concen: 49.064 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX030707.D

Acq: 22 Aug 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

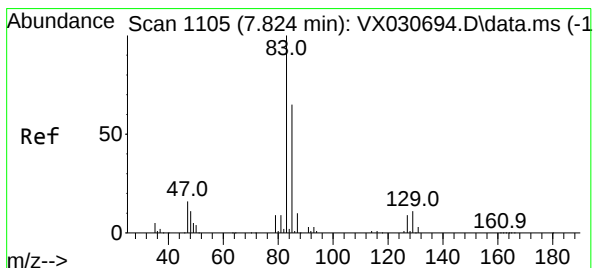
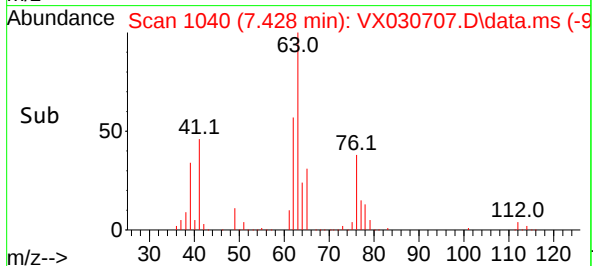
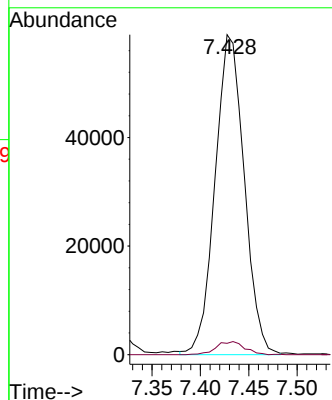
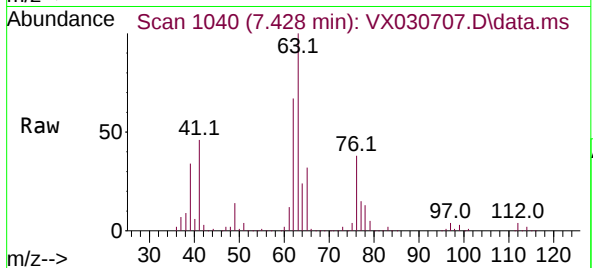
VSTD050793

Tgt Ion: 63 Resp: 123427

Ion Ratio Lower Upper

63 100

112 4.0 3.0 4.4



#38

Bromodichloromethane

Concen: 51.279 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX030707.D

Acq: 22 Aug 2022 10:47

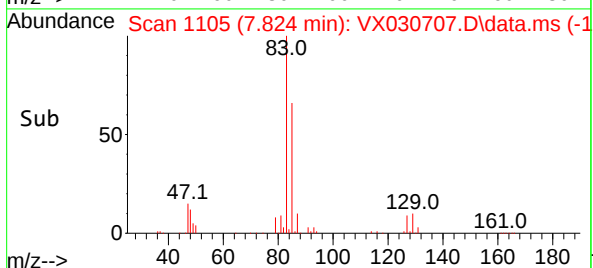
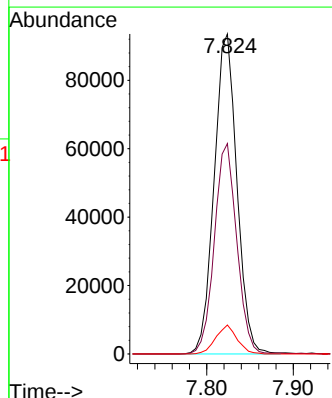
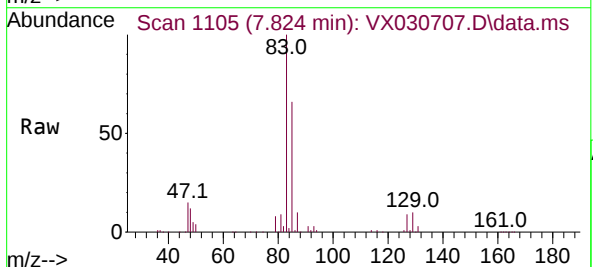
Tgt Ion: 83 Resp: 170726

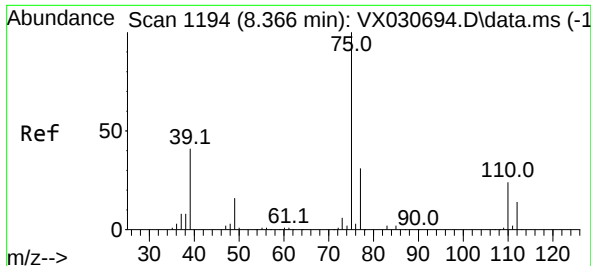
Ion Ratio Lower Upper

83 100

85 65.8 42.5 78.9

127 9.0 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 51.696 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX030707.D

Acq: 22 Aug 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

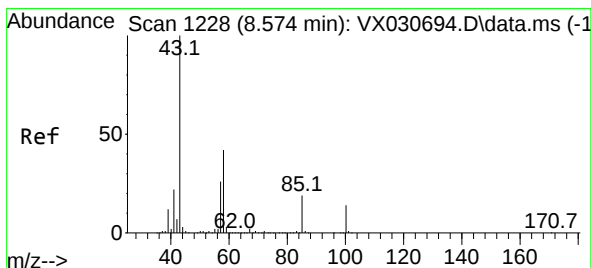
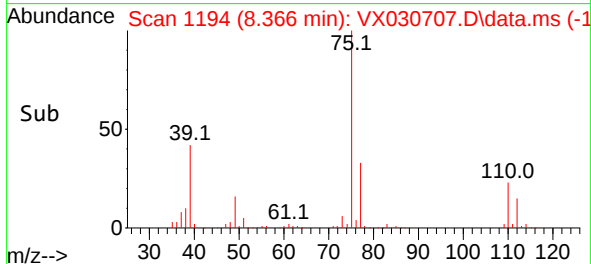
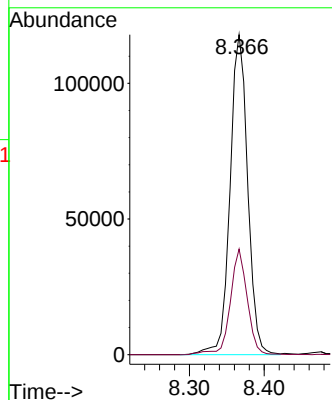
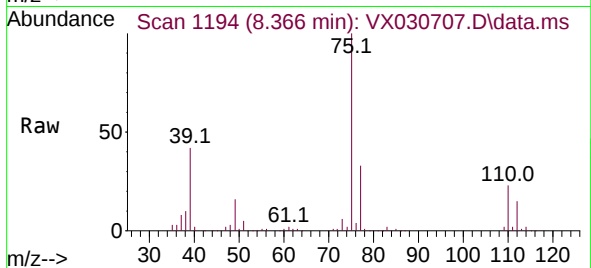
VSTD050793

Tgt Ion: 75 Resp: 194000

Ion Ratio Lower Upper

75 100

77 33.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 81.866 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX030707.D

Acq: 22 Aug 2022 10:47

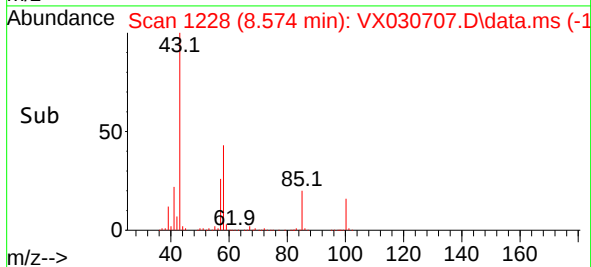
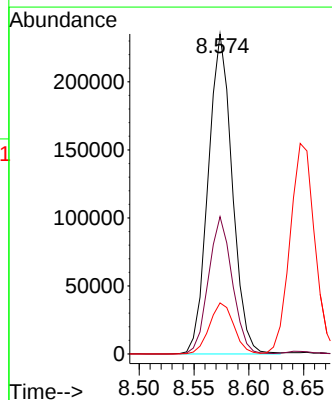
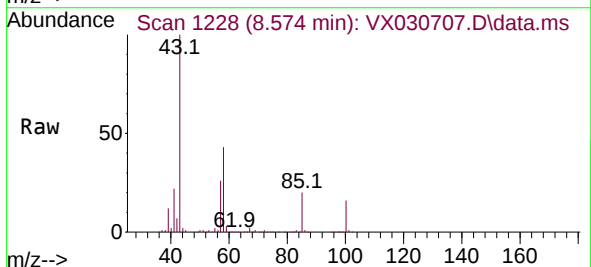
Tgt Ion: 43 Resp: 358641

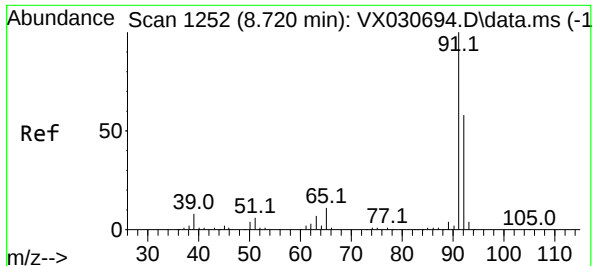
Ion Ratio Lower Upper

43 100

58 42.4 29.0 43.6

100 16.2 10.5 15.7#





#42

Toluene

Concen: 49.402 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX030707.D

Acq: 22 Aug 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

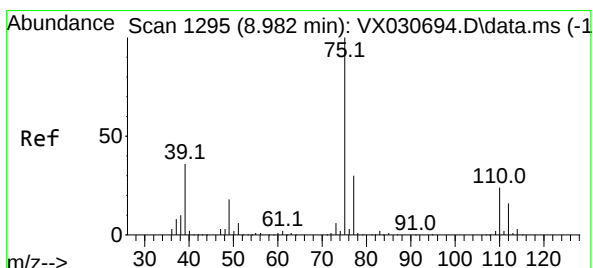
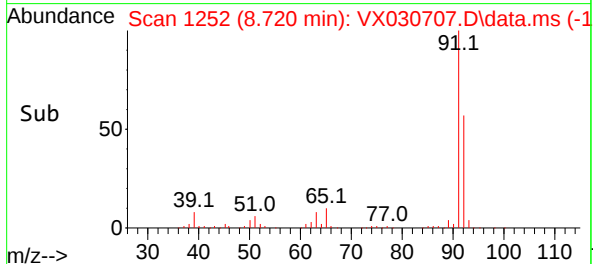
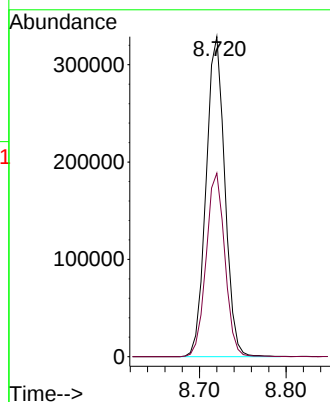
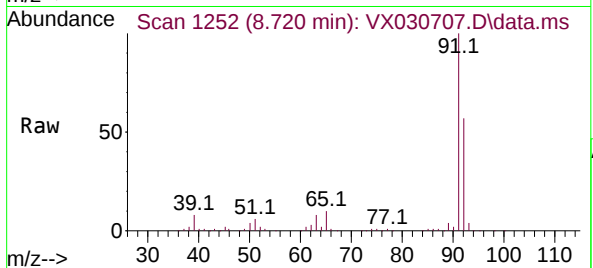
VSTD050793

Tgt Ion: 91 Resp: 493766

Ion Ratio Lower Upper

91 100

92 57.4 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 50.024 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX030707.D

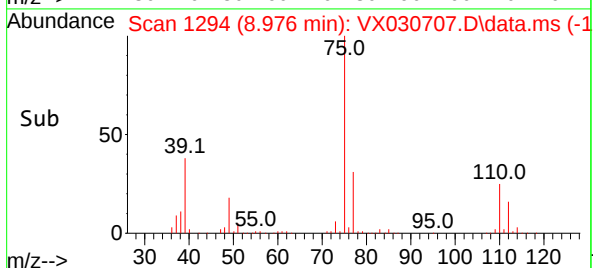
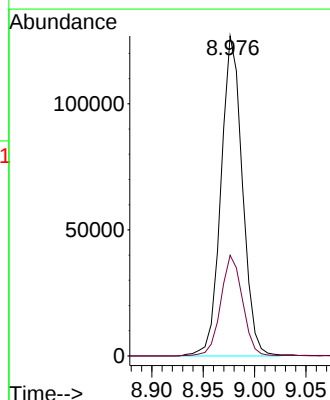
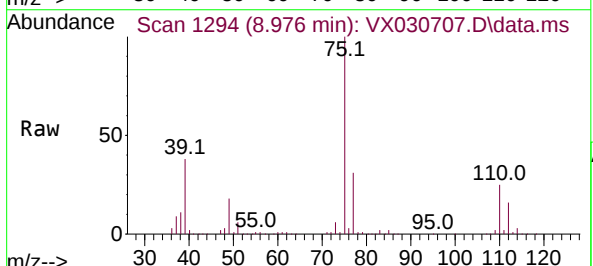
Acq: 22 Aug 2022 10:47

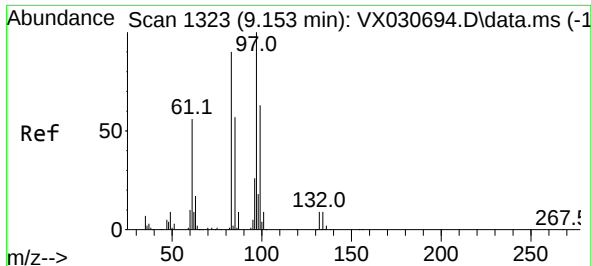
Tgt Ion: 75 Resp: 183738

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.7

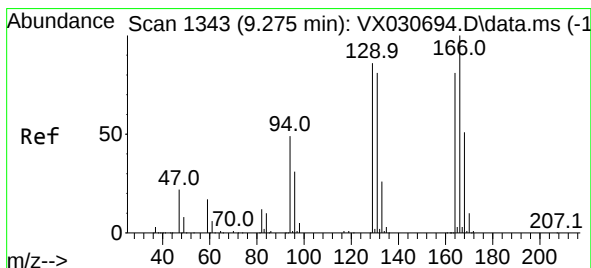
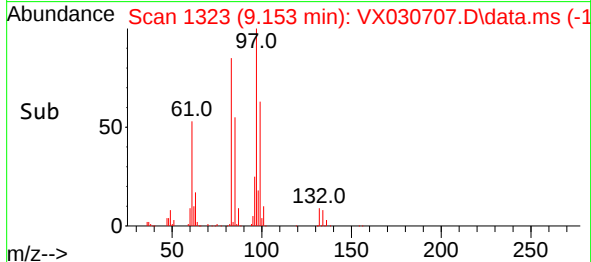
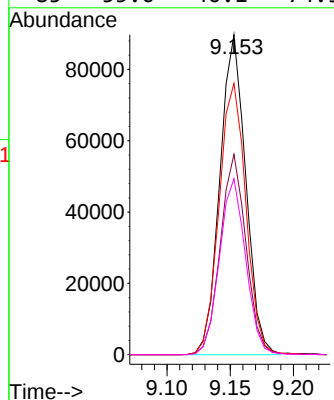
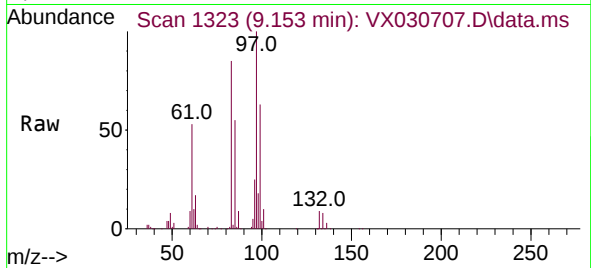




#45
1,1,2-Trichloroethane
Concen: 54.487 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

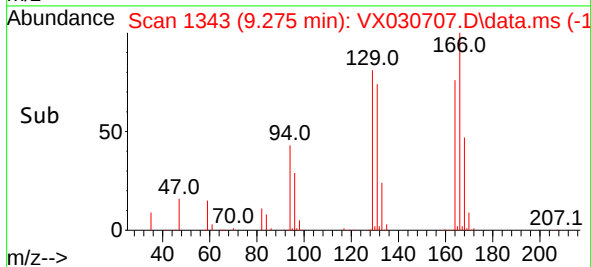
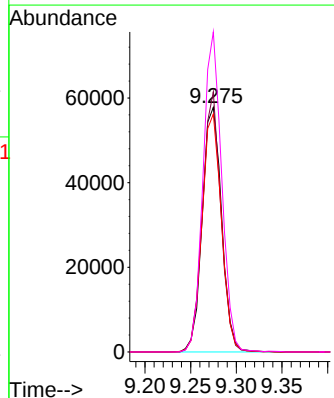
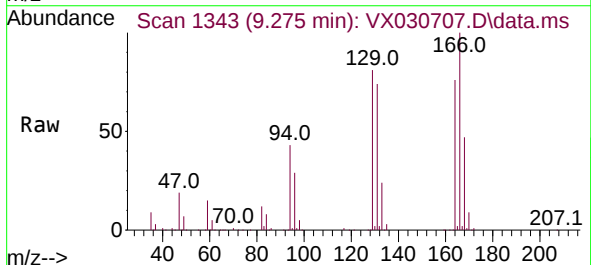
Instrument :
MSVOA_X
ClientSampleId :
VSTD050793

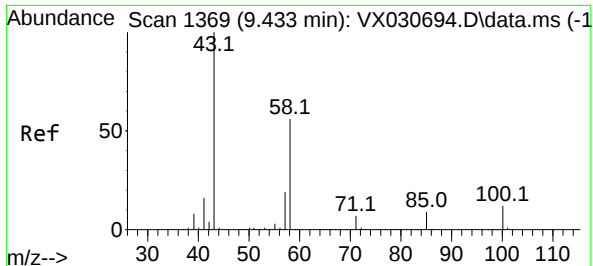
Tgt Ion: 97	Resp: 127454
Ion Ratio	Lower Upper
97 100	
99 62.6	43.3 80.3
83 84.8	63.0 117.0
85 55.0	40.1 74.5



#46
Tetrachloroethene
Concen: 49.073 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

Tgt	Ion:164	Resp:	84986
Ion	Ratio	Lower	Upper
164	100		
129	106.4	72.7	135.1
131	97.3	69.9	129.9
166	130.8	88.3	164.1



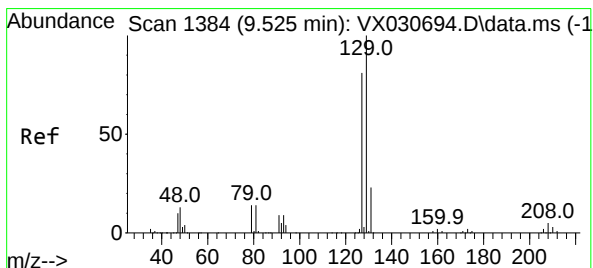
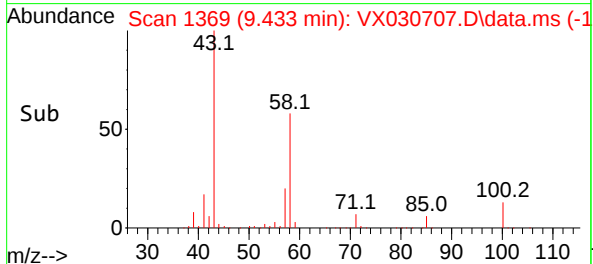
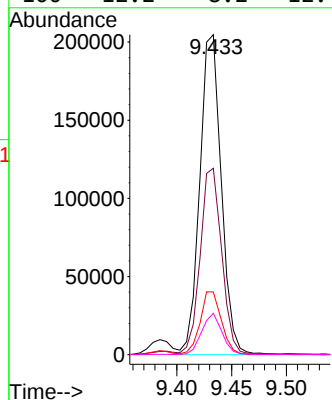
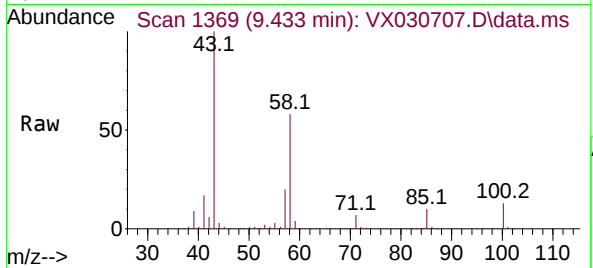


#48
2-Hexanone
Concen: 82.122 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTD050793

Tgt Ion: 43 Resp: 279527

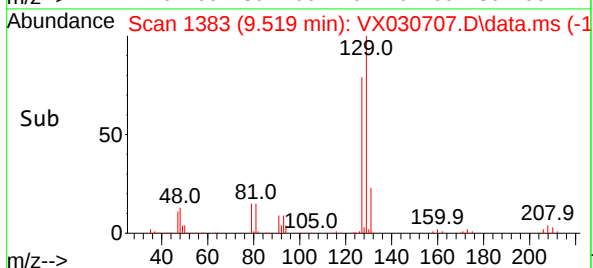
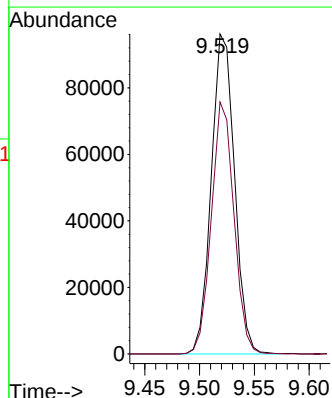
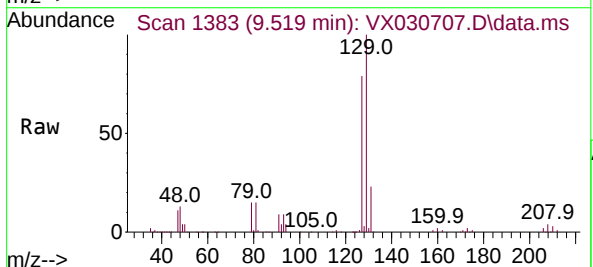
Ion	Ratio	Lower	Upper
43	100		
58	58.4	40.4	60.6
57	19.6	14.6	22.0
100	12.2	8.2	12.4

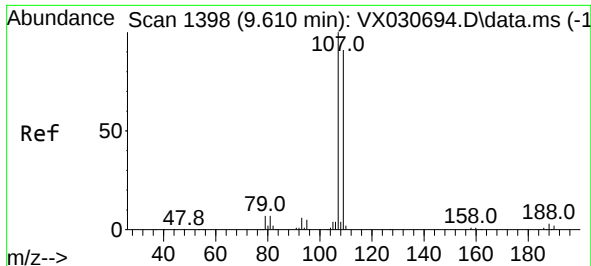


#49
Dibromochloromethane
Concen: 56.971 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

Tgt Ion: 129 Resp: 141778

Ion	Ratio	Lower	Upper
129	100		
127	78.8	55.6	103.2





#50

1,2-Dibromoethane

Concen: 50.295 ug/L

RT: 9.610 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030707.D

Acq: 22 Aug 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTD050793

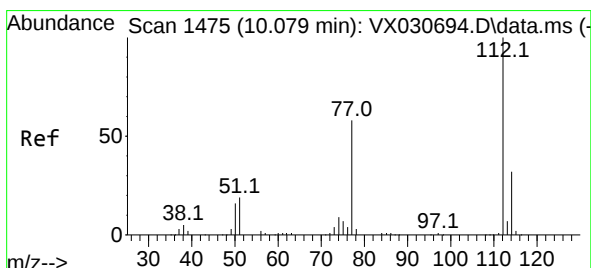
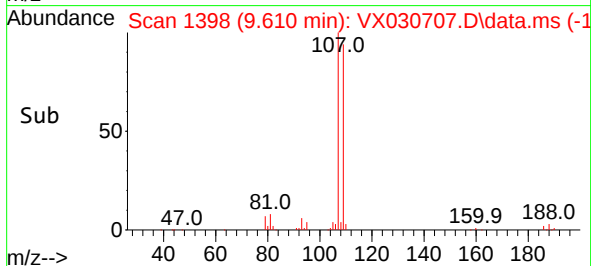
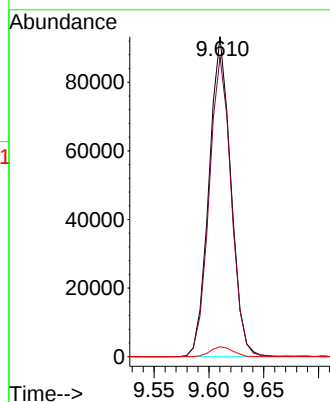
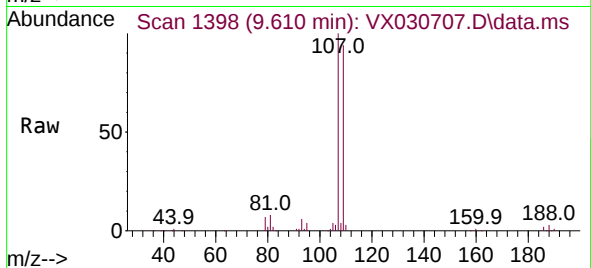
Tgt Ion:107 Resp: 129379

Ion Ratio Lower Upper

107 100

109 93.6 64.8 120.4

188 3.1 2.2 3.2



#51

Chlorobenzene

Concen: 51.392 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX030707.D

Acq: 22 Aug 2022 10:47

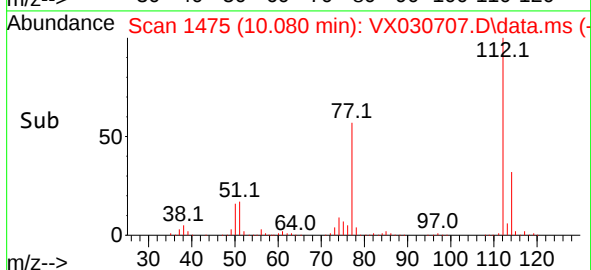
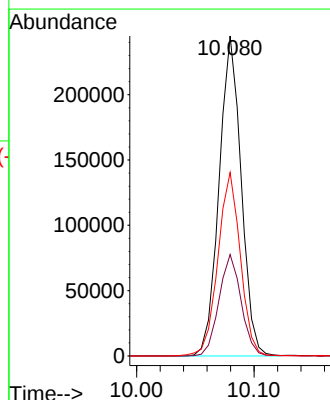
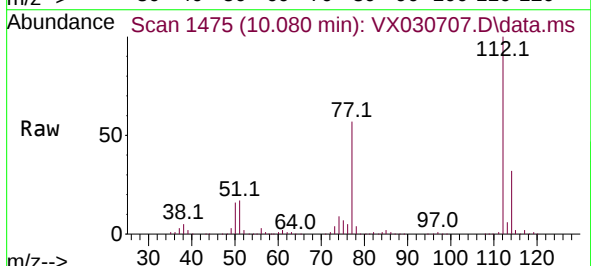
Tgt Ion:112 Resp: 320015

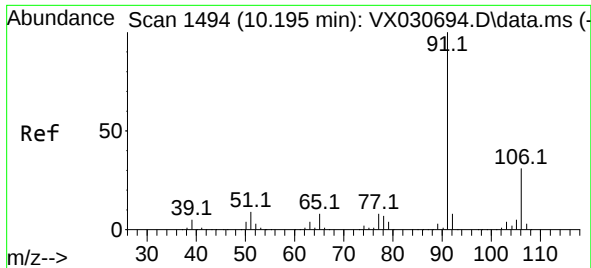
Ion Ratio Lower Upper

112 100

114 31.7 22.3 41.5

77 57.3 50.8 76.2

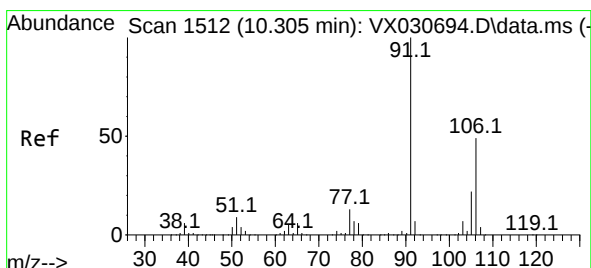
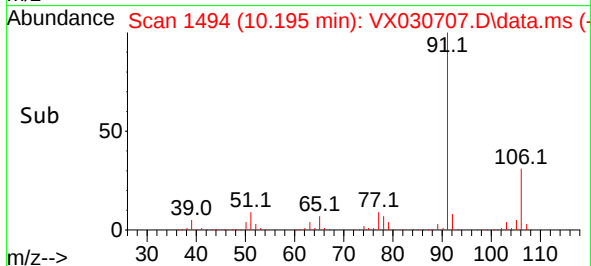
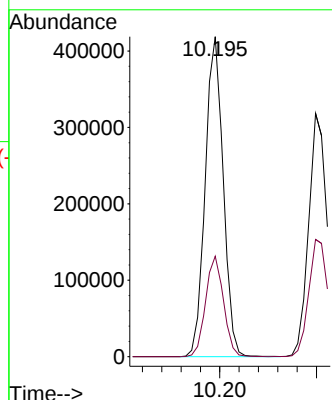
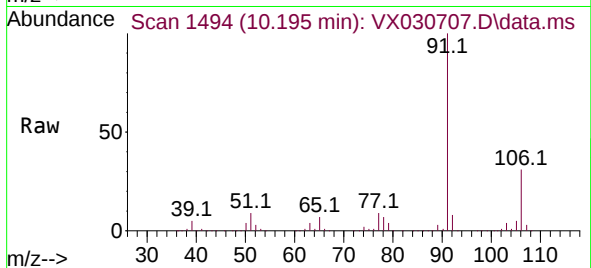




#52
Ethylbenzene
Concen: 49.702 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

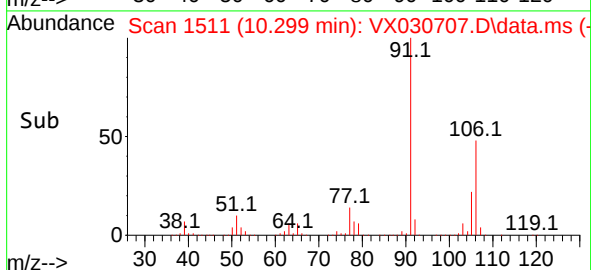
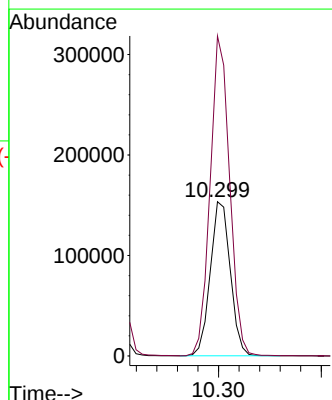
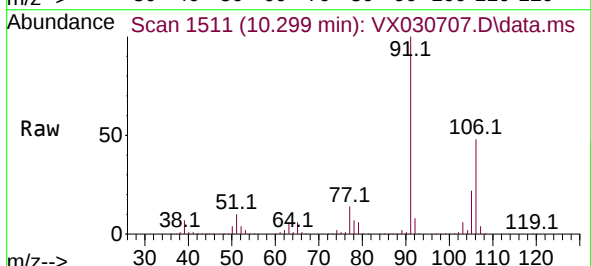
Instrument :
MSVOA_X
ClientSampleId :
VSTD050793

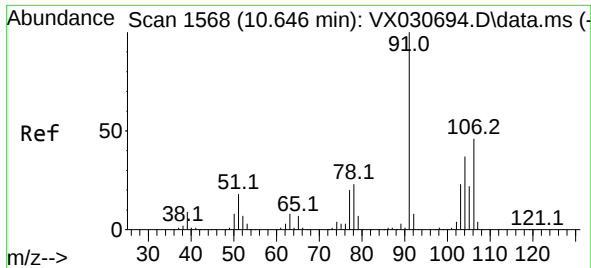
Tgt Ion: 91 Resp: 541657
Ion Ratio Lower Upper
91 100
106 31.4 21.3 39.5



#53
m,p-Xylene
Concen: 51.151 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

Tgt Ion: 106 Resp: 207777
Ion Ratio Lower Upper
106 100
91 207.4 147.8 274.6

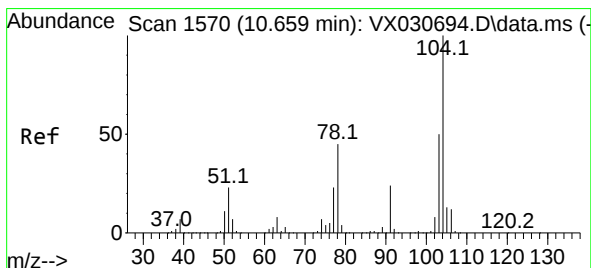
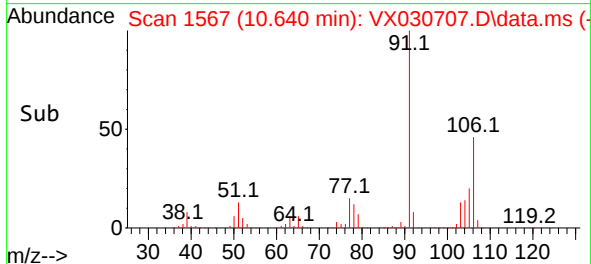
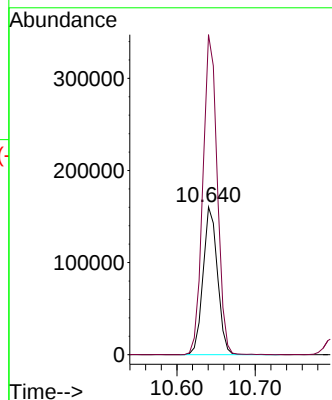
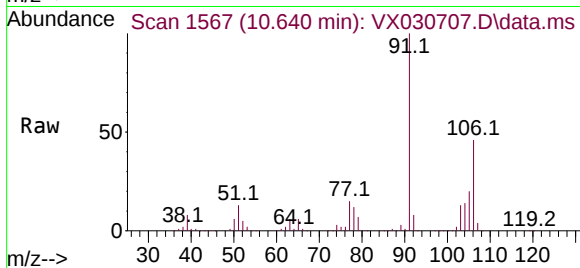




#54
o-Xylene
Concen: 50.492 ug/L
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

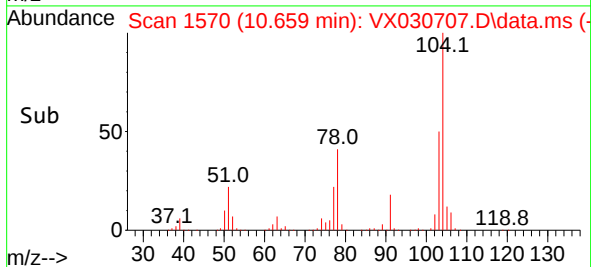
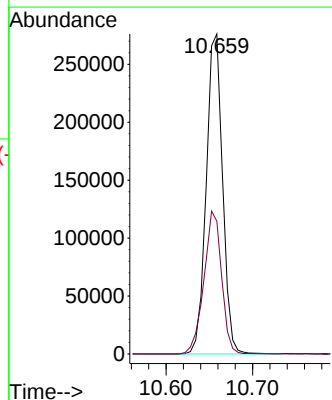
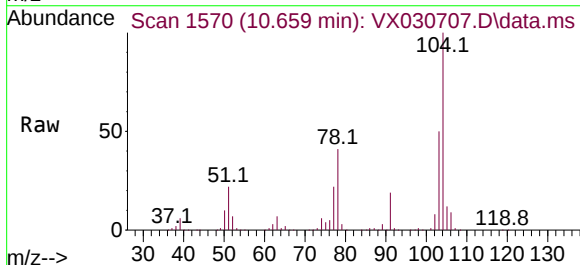
Instrument :
MSVOA_X
ClientSampleId :
VSTD050793

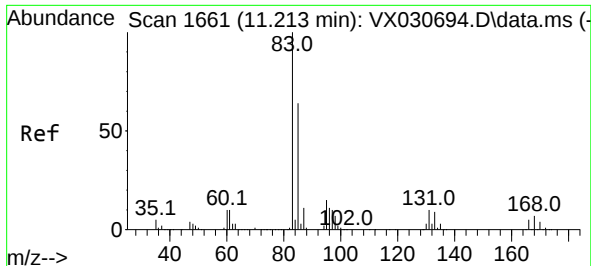
Tgt Ion:106 Resp: 204376
Ion Ratio Lower Upper
106 100
91 216.7 157.8 293.0



#55
Styrene
Concen: 53.082 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

Tgt Ion:104 Resp: 361776
Ion Ratio Lower Upper
104 100
78 41.5 33.2 61.7

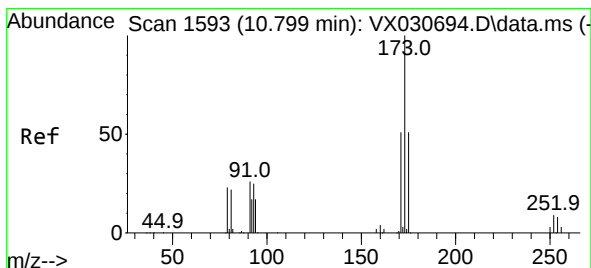
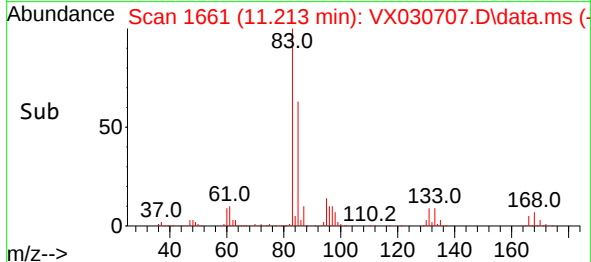
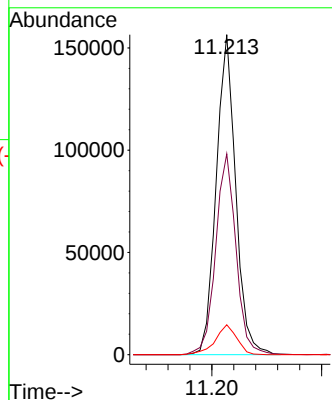
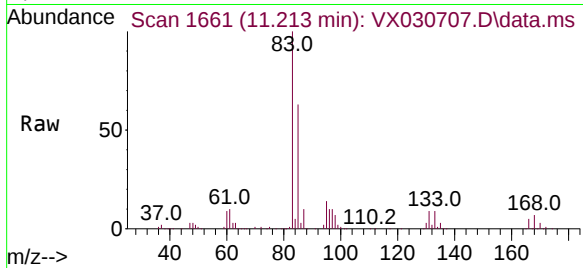




#57
1,1,2,2-Tetrachloroethane
Concen: 54.234 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

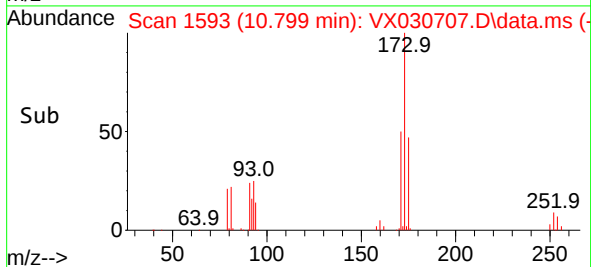
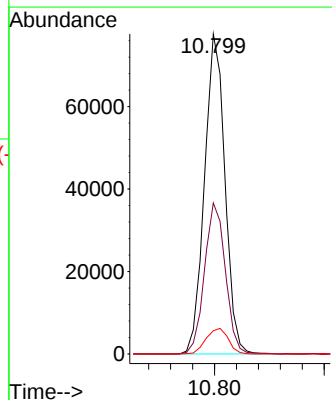
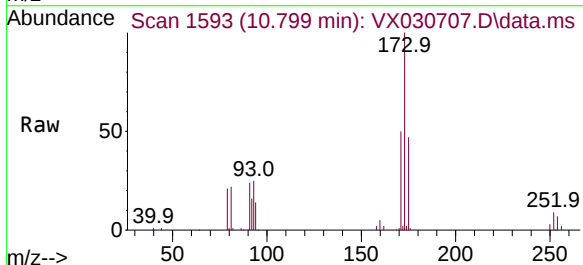
Instrument :
MSVOA_X
ClientSampleId :
VSTD050793

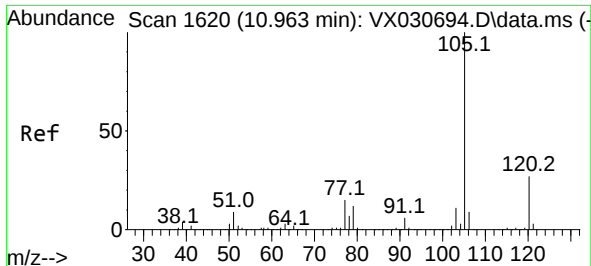
Tgt Ion: 83 Resp: 193031
Ion Ratio Lower Upper
83 100
85 62.7 44.4 82.4
131 9.4 7.5 11.3



#59
Bromoform
Concen: 61.105 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

Tgt Ion:173 Resp: 100363
Ion Ratio Lower Upper
173 100
175 48.3 38.9 58.3
254 8.7 7.0 10.4

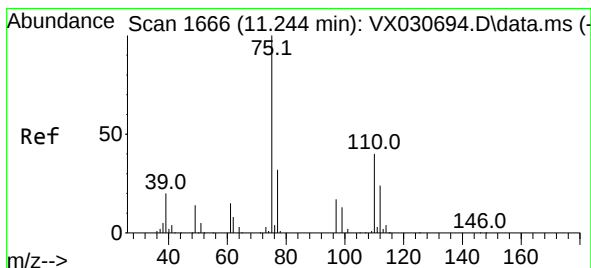
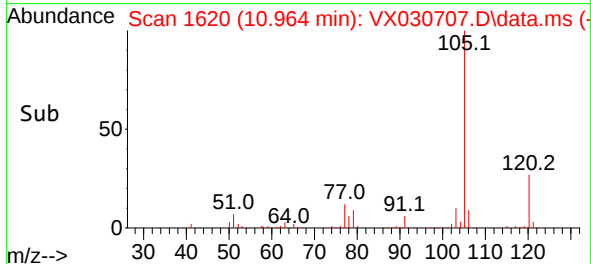
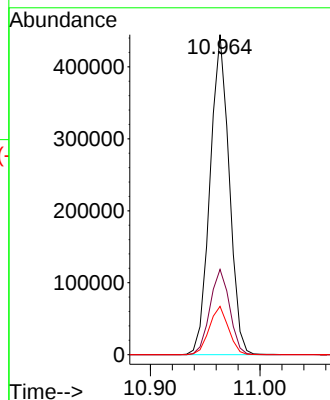
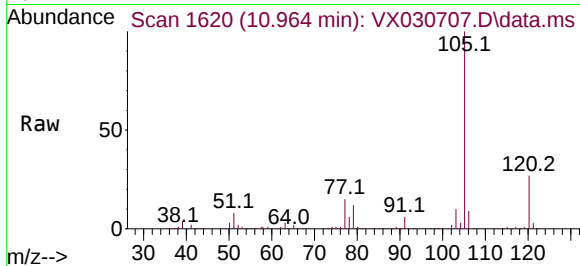




#60
Isopropylbenzene
Concen: 50.432 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

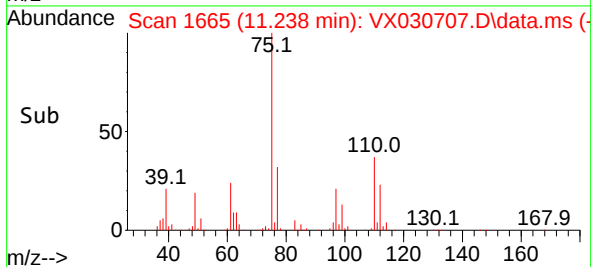
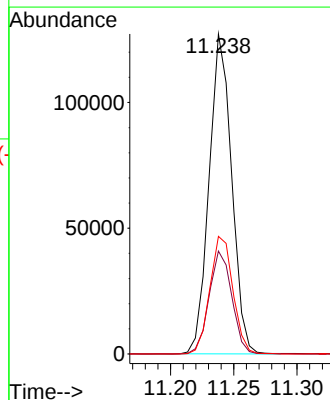
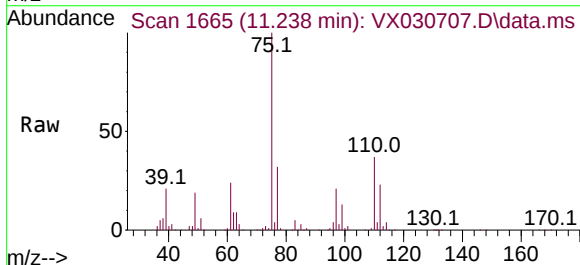
Instrument :
MSVOA_X
ClientSampleId :
VSTD050793

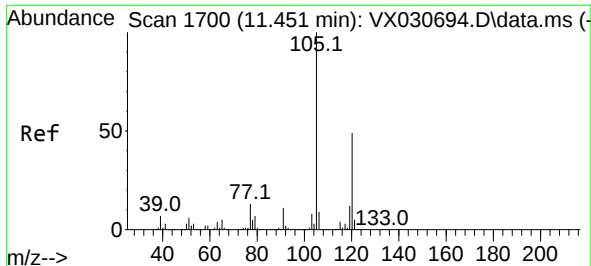
Tgt Ion:105 Resp: 539172
Ion Ratio Lower Upper
105 100
120 27.3 20.6 31.0
77 15.1 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 48.689 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

Tgt Ion: 75 Resp: 157709
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
110 37.7 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 50.727 ug/L

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030707.D

Acq: 22 Aug 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

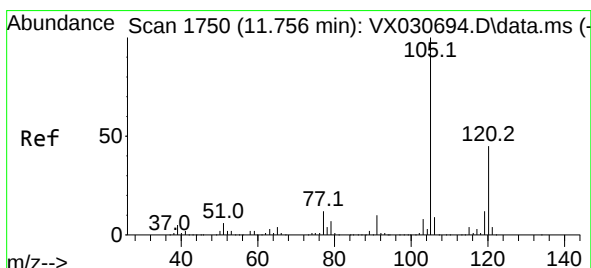
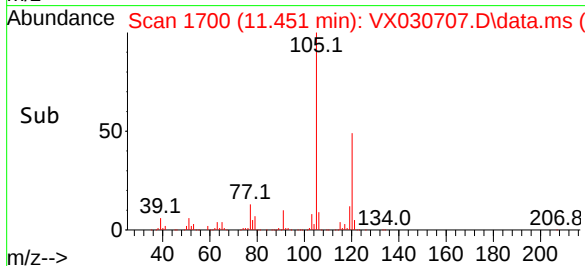
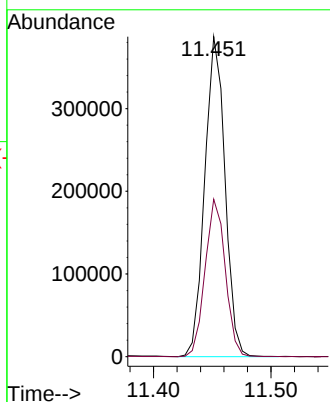
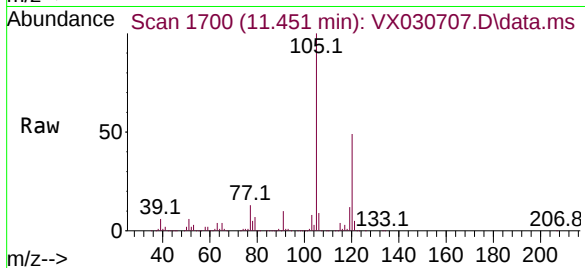
VSTD050793

Tgt Ion:105 Resp: 463005

Ion Ratio Lower Upper

105 100

120 49.0 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 49.975 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX030707.D

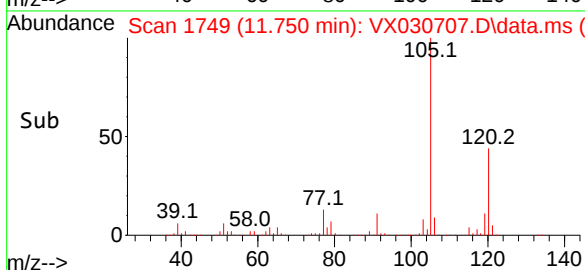
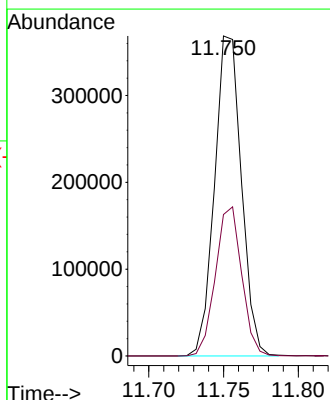
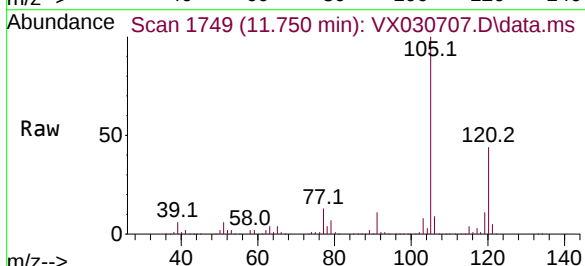
Acq: 22 Aug 2022 10:47

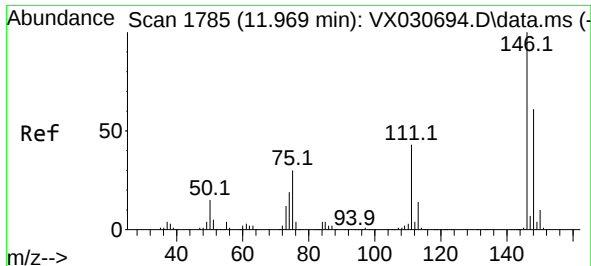
Tgt Ion:105 Resp: 460649

Ion Ratio Lower Upper

105 100

120 45.4 35.9 53.9

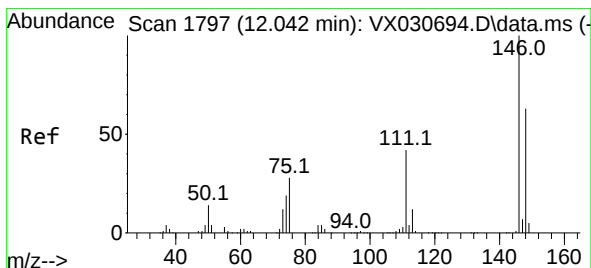
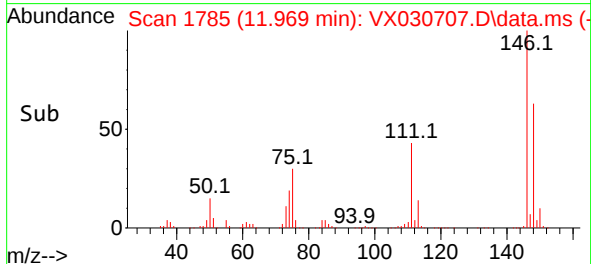
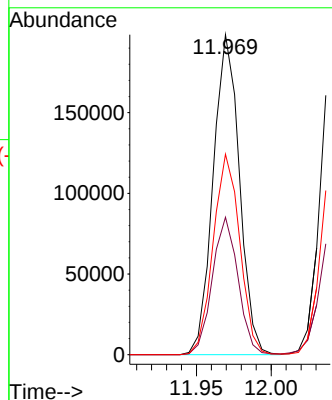
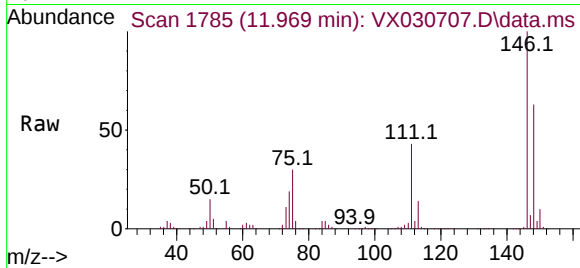




#64
1,3-Dichlorobenzene
Concen: 52.056 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

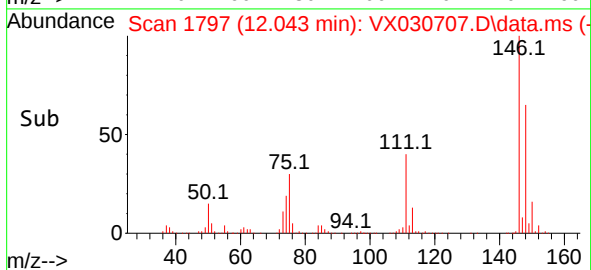
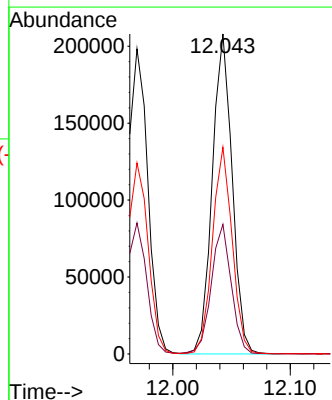
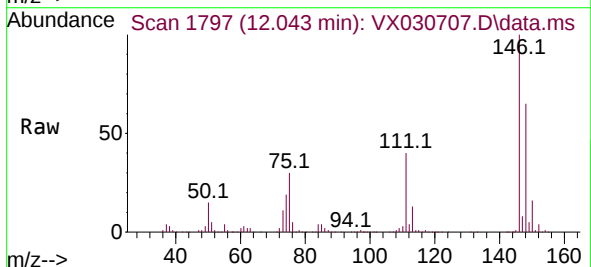
Instrument :
MSVOA_X
ClientSampleId :
VSTD050793

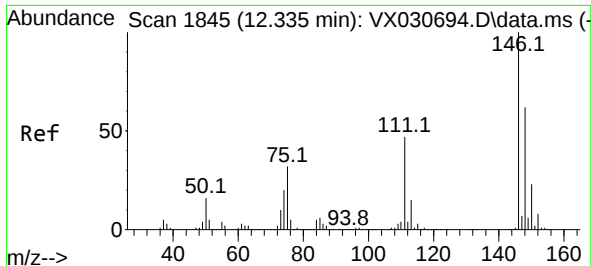
Tgt Ion:146 Resp: 241929
Ion Ratio Lower Upper
146 100
111 42.9 30.9 57.5
148 62.6 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 51.774 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

Tgt Ion:146 Resp: 244604
Ion Ratio Lower Upper
146 100
111 40.5 32.6 60.6
148 64.6 48.3 89.7





#67

1,2-Dichlorobenzene

Concen: 50.821 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030707.D

Acq: 22 Aug 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTD050793

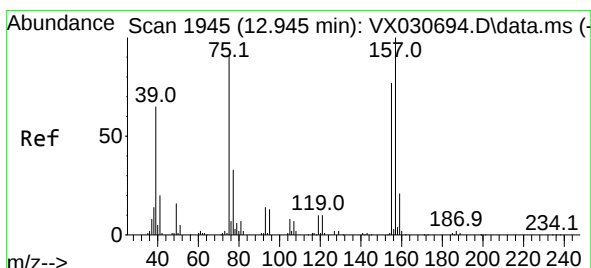
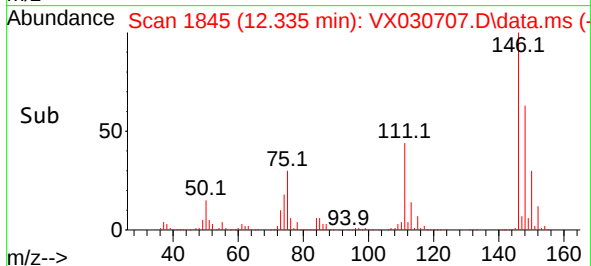
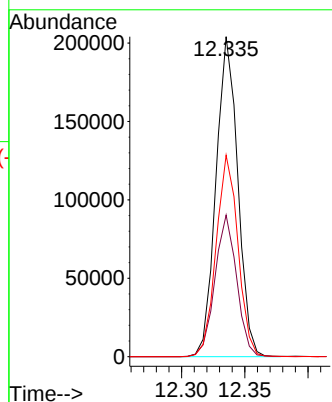
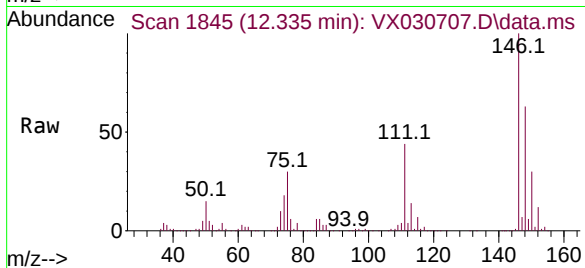
Tgt Ion:146 Resp: 244246

Ion Ratio Lower Upper

146 100

111 44.3 36.9 55.3

148 62.9 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 43.611 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX030707.D

Acq: 22 Aug 2022 10:47

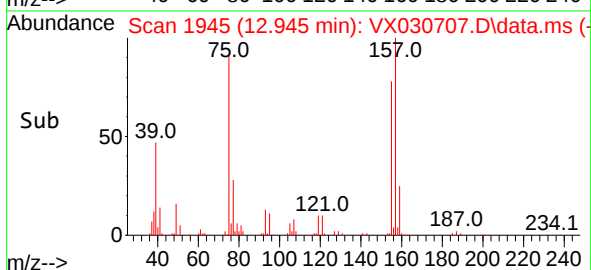
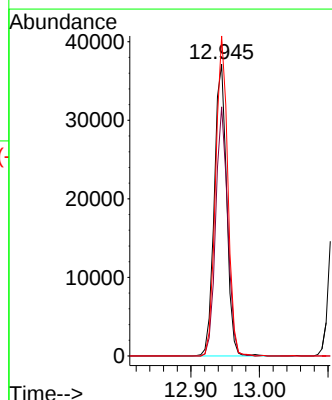
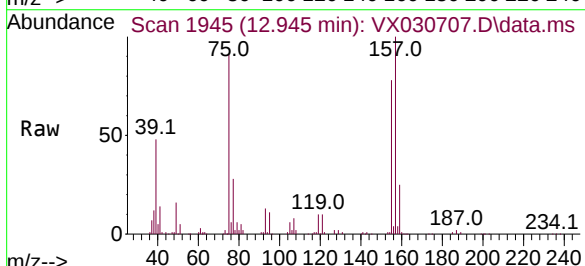
Tgt Ion: 75 Resp: 46597

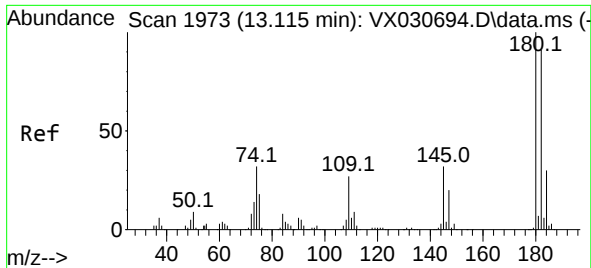
Ion Ratio Lower Upper

75 100

155 85.4 57.1 85.7

157 109.7 73.1 109.7#

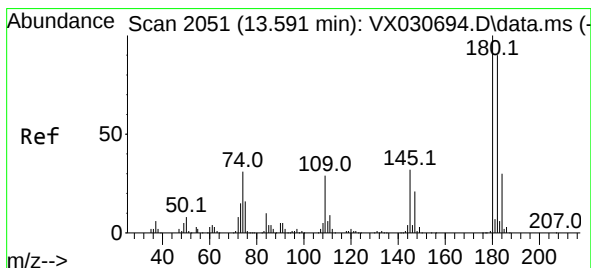
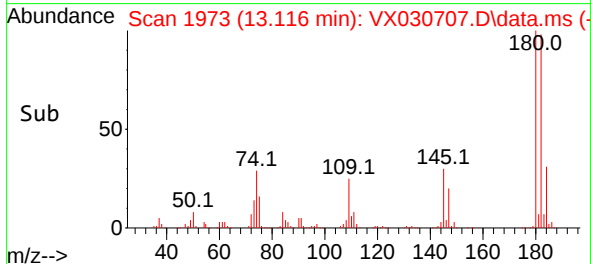
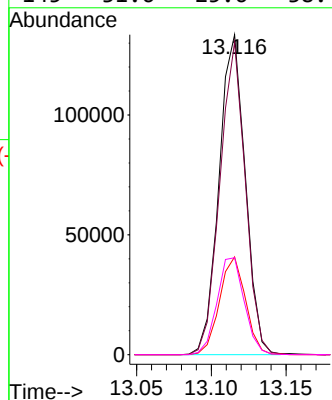
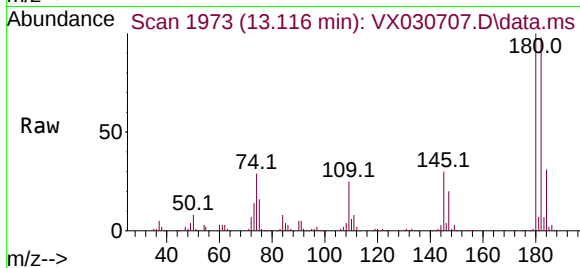




#69
 1,3,5-Trichlorobenzene
 Concen: 49.897 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX030707.D
 Acq: 22 Aug 2022 10:47

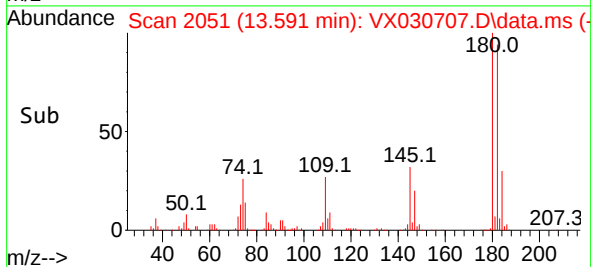
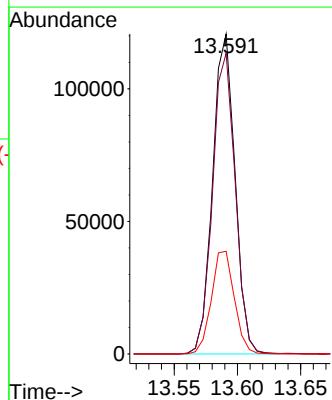
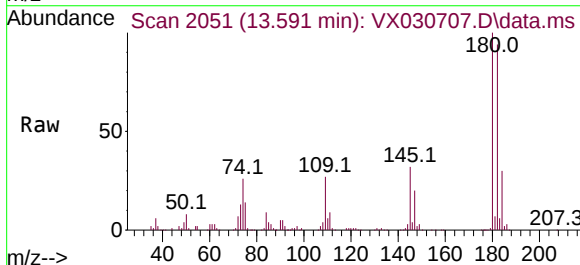
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050793

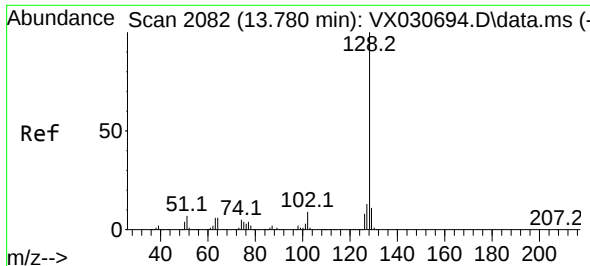
Tgt Ion:180	Resp: 162624
Ion Ratio	Lower Upper
180 100	
182 94.5	73.7 110.5
184 30.4	24.1 36.1
145 31.6	25.6 38.4



#70
 1,2,4-trichlorobenzene
 Concen: 51.826 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX030707.D
 Acq: 22 Aug 2022 10:47

Tgt Ion:180	Resp: 148343
Ion Ratio	Lower Upper
180 100	
182 95.2	72.7 109.1
145 33.0	26.6 40.0

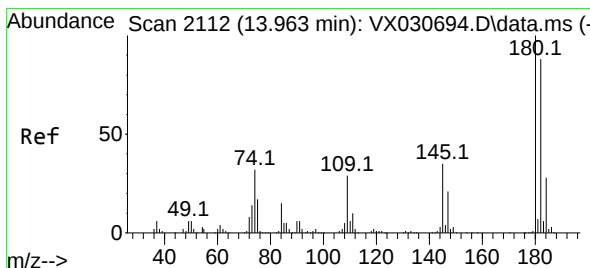
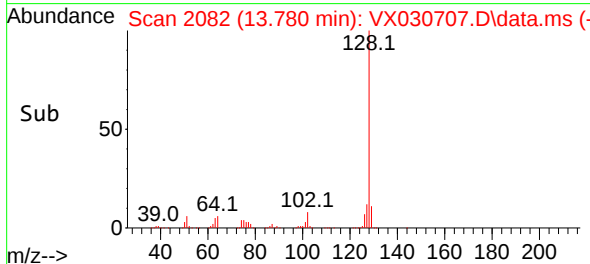
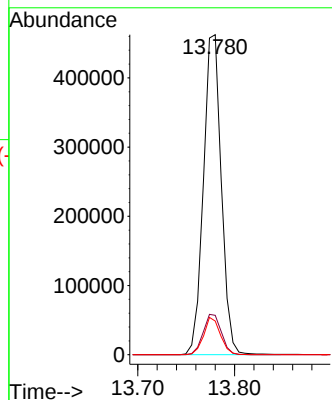
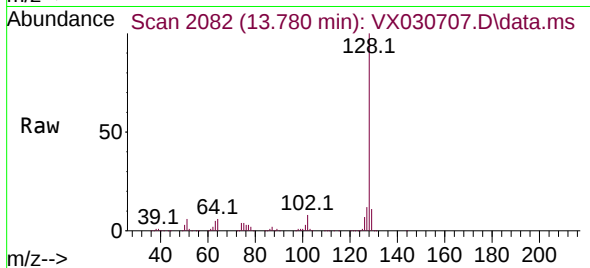




#71
Naphthalene
Concen: 50.262 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTD050793

Tgt Ion:128 Resp: 595518
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 51.643 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX030707.D
Acq: 22 Aug 2022 10:47

Tgt Ion:180 Resp: 156142
Ion Ratio Lower Upper
180 100
182 93.9 74.6 112.0
145 34.5 28.4 42.6

