

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060923\
 Data File : VX036114.D
 Acq On : 09 Jun 2023 17:25
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050693

Quant Time: Jun 10 00:17:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 10 00:08:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	289262	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	271226	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	132532	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	82082	41.766	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.540%
7) Chloroethane-d5	1.672	69	73465	48.741	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.480%
11) 1,1-Dichloroethene-d2	2.307	65	44069	44.227	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.460%
21) 2-Butanone-d5	4.471	46	174823	108.526	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.530%
24) Chloroform-d	5.056	84	207613	50.661	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.320%
26) 1,2-Dichloroethane-d4	5.958	65	158782	53.098	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.200%
32) Benzene-d6	5.977	84	394319	48.329	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.660%
36) 1,2-Dichloropropane-d6	7.306	67	128596	50.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.420%
41) Toluene-d8	8.647	98	359320	47.848	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.700%
43) trans-1,3-Dichloroprop...	8.952	79	60298	49.532	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.060%
47) 2-Hexanone-d5	9.384	63	121041	107.186	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.190%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	178657	51.575	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.160%
66) 1,2-Dichlorobenzene-d4	12.317	152	126486	49.157	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	122984	44.643	ug/L	97
3) Chloromethane	1.295	50	121217	46.701	ug/L	98
5) Vinyl chloride	1.374	62	114793	47.714	ug/L	99
6) Bromomethane	1.618	94	70636	50.395	ug/L	97
8) Chloroethane	1.691	64	74736	52.369	ug/L	99
9) Trichlorofluoromethane	1.886	101	164161	48.510	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	102186	46.265	ug/L	99
12) 1,1-Dichloroethene	2.319	96	95083	49.467	ug/L	97
13) Acetone	2.404	43	126624	74.397	ug/L	99
14) Carbon disulfide	2.514	76	237636	45.050	ug/L	98
15) Methyl Acetate	2.709	43	136852	51.969	ug/L	99
16) Methylene chloride	2.788	84	115310	52.244	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	102110	49.583	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	396701	54.140	ug/L	100
19) 1,1-Dichloroethane	3.611	63	218942	53.326	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	123415	52.231	ug/L	98
22) 2-Butanone	4.574	43	189050	92.998	ug/L	99
23) Bromochloromethane	4.898	128	60092	51.239	ug/L	96
25) Chloroform	5.093	83	248414	55.621	ug/L	99

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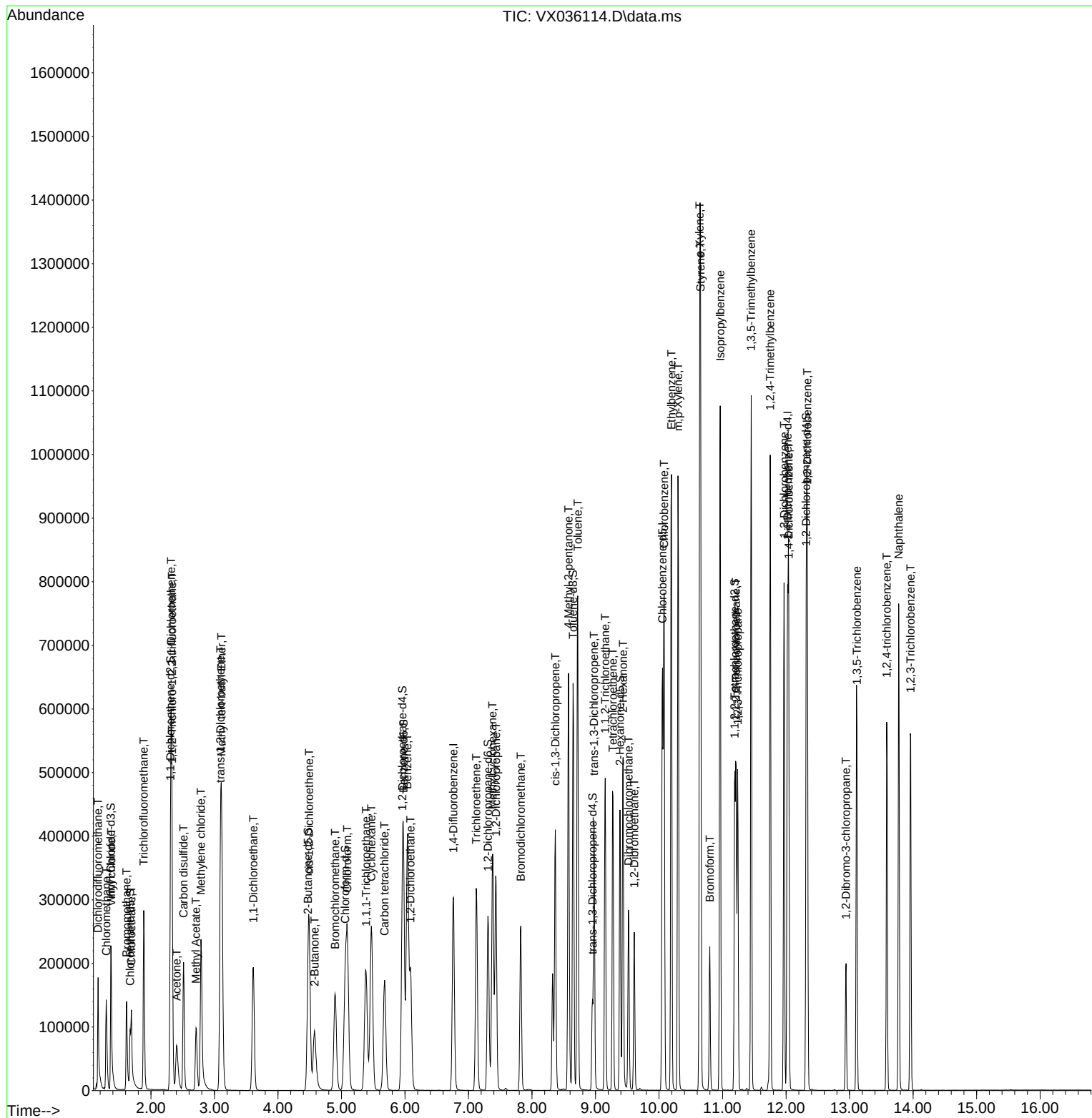
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	208511	54.716	ug/L	100
29) Cyclohexane	5.471	56	169989	45.123	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	186556	49.633	ug/L	99
31) Carbon tetrachloride	5.678	117	152553	48.873	ug/L	100
33) Benzene	6.038	78	462460	51.179	ug/L	100
34) Trichloroethene	7.123	95	119093	48.935	ug/L	99
35) Methylcyclohexane	7.379	83	155470	43.516	ug/L	97
37) 1,2-Dichloropropane	7.434	63	126595	53.380	ug/L	100
38) Bromodichloromethane	7.824	83	161799	52.919	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	195506	52.763	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	381514	106.815	ug/L	99
42) Toluene	8.720	91	483974	51.497	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	184074	53.052	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	123505	53.210	ug/L	99
46) Tetrachloroethene	9.275	164	81346	47.798	ug/L	98
48) 2-Hexanone	9.433	43	288303	102.296	ug/L	99
49) Dibromochloromethane	9.519	129	115951	52.651	ug/L	99
50) 1,2-Dibromoethane	9.610	107	129016	52.605	ug/L	99
51) Chlorobenzene	10.079	112	311922	50.447	ug/L	100
52) Ethylbenzene	10.195	91	549024	50.722	ug/L	99
53) m,p-Xylene	10.299	106	205726	50.117	ug/L	99
54) o-Xylene	10.640	106	201398	50.195	ug/L	97
55) Styrene	10.653	104	350718	51.432	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	186391	51.091	ug/L	100
59) Bromoform	10.799	173	73091	52.748	ug/L	99
60) Isopropylbenzene	10.963	105	527678	52.009	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	155092	54.721	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	439941	52.135	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	408276	52.284	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	221055	50.314	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	224962	50.058	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	222314	51.798	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	40372	56.403	ug/L	96
69) 1,3,5-Trichlorobenzene	13.116	180	132672	49.335	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	119819	48.777	ug/L	98
71) Naphthalene	13.774	128	427661	52.934	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	121498	49.741	ug/L	98

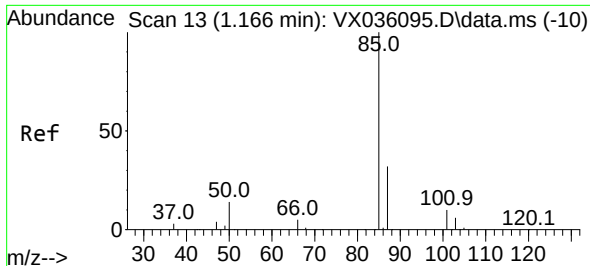
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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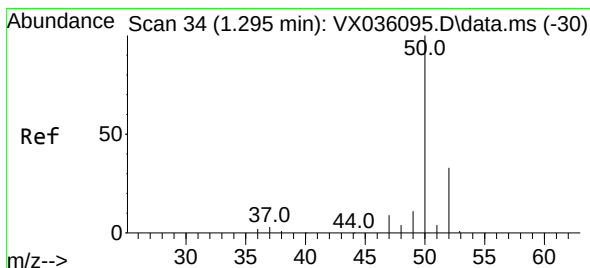
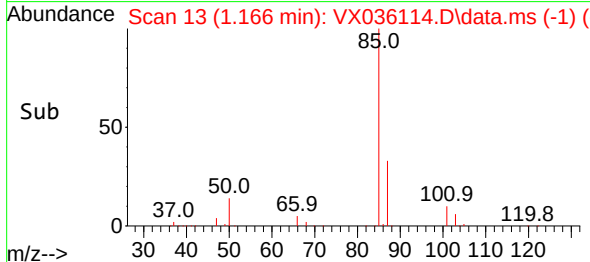
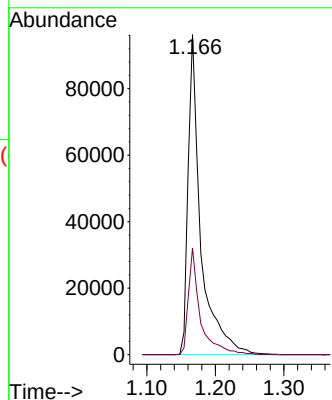
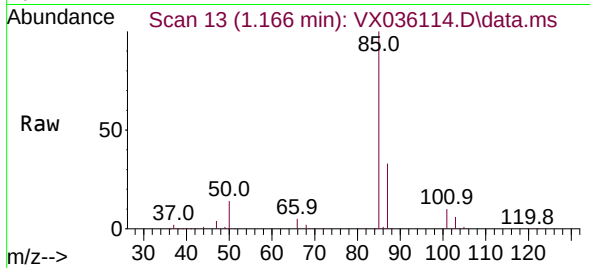




#2
 Dichlorodifluoromethane
 Concen: 44.643 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036114.D
 Acq: 09 Jun 2023 17:25

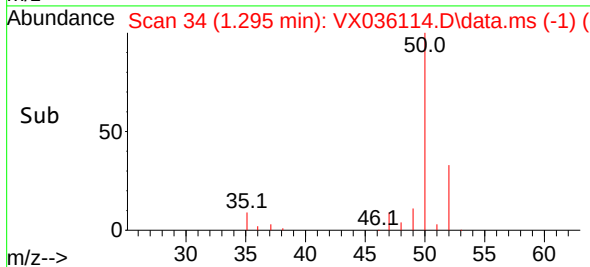
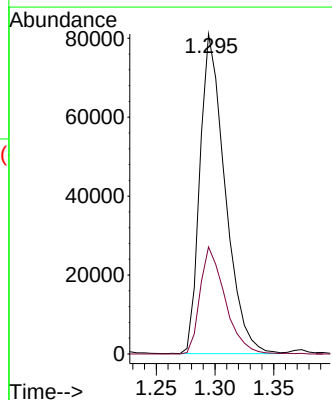
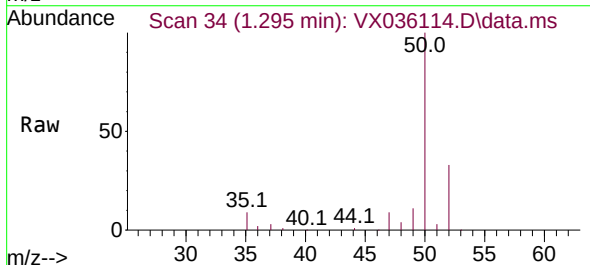
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050693

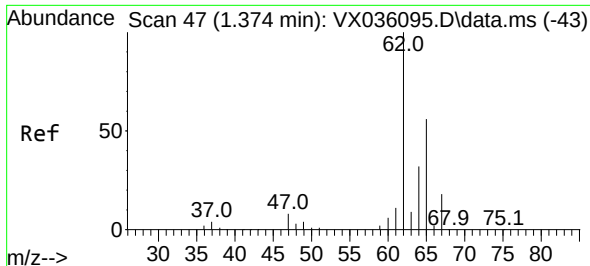
Tgt Ion: 85 Resp: 122984
 Ion Ratio Lower Upper
 85 100
 87 31.3 26.4 39.6



#3
 Chloromethane
 Concen: 46.701 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX036114.D
 Acq: 09 Jun 2023 17:25

Tgt Ion: 50 Resp: 121217
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.5 41.9

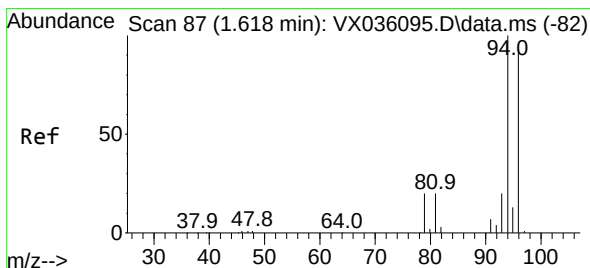
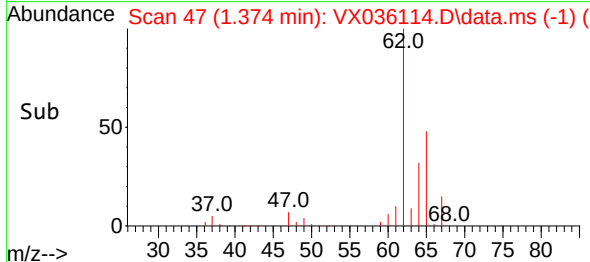
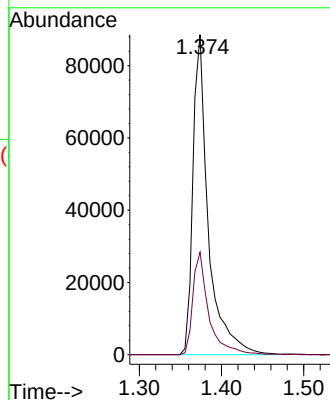
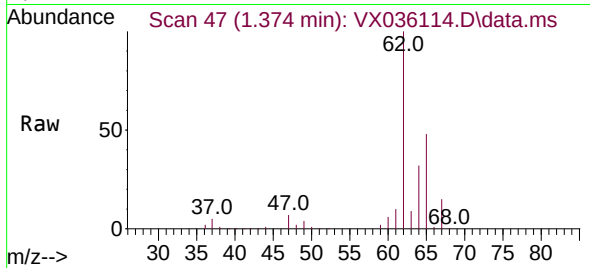




#5
 Vinyl chloride
 Concen: 47.714 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036114.D
 Acq: 09 Jun 2023 17:25

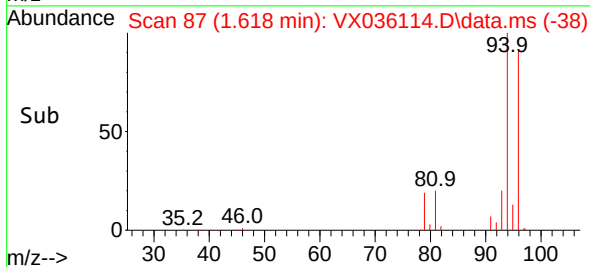
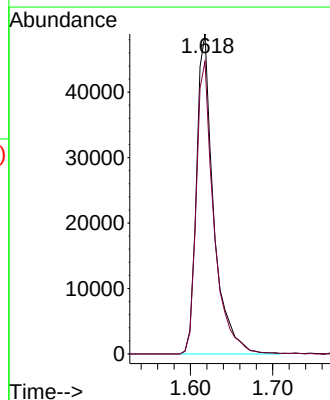
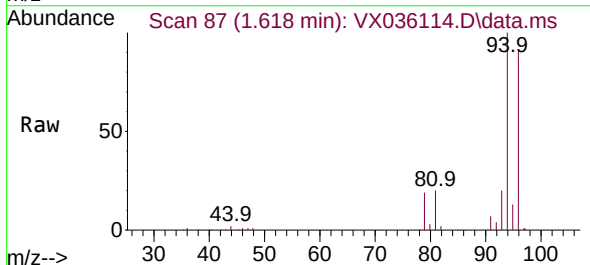
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050693

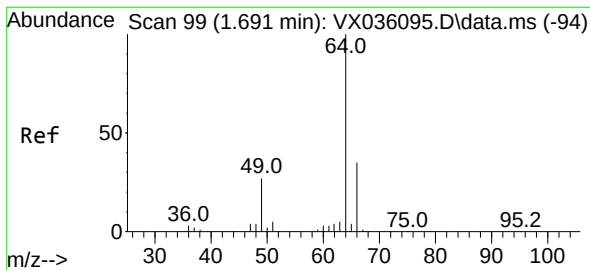
Tgt Ion: 62 Resp: 114793
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.7 42.1



#6
 Bromomethane
 Concen: 50.395 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX036114.D
 Acq: 09 Jun 2023 17:25

Tgt Ion: 94 Resp: 70636
 Ion Ratio Lower Upper
 94 100
 96 91.4 65.8 122.2





#8

Chloroethane

Concen: 52.369 ug/L

RT: 1.691 min Scan# 99

Delta R.T. -0.000 min

Lab File: VX036114.D

Acq: 09 Jun 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

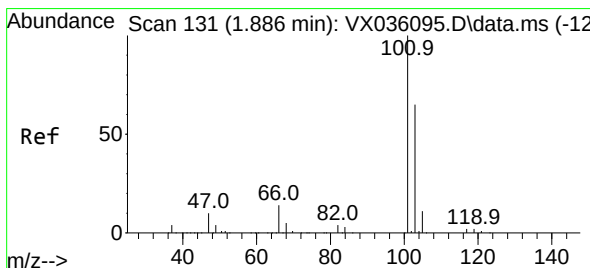
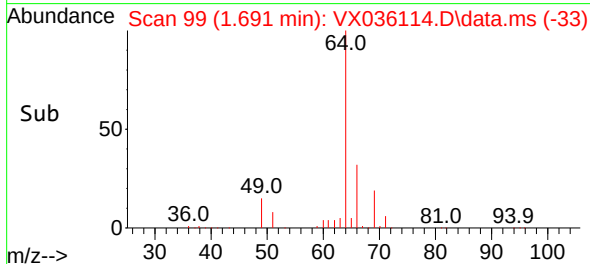
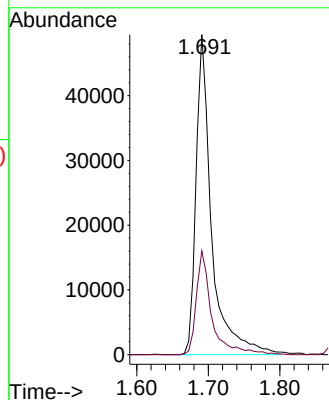
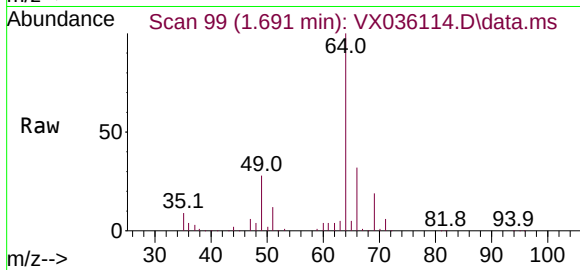
VSTD050693

Tgt Ion: 64 Resp: 74736

Ion Ratio Lower Upper

64 100

66 32.4 22.5 41.7



#9

Trichlorofluoromethane

Concen: 48.510 ug/L

RT: 1.886 min Scan# 131

Delta R.T. -0.000 min

Lab File: VX036114.D

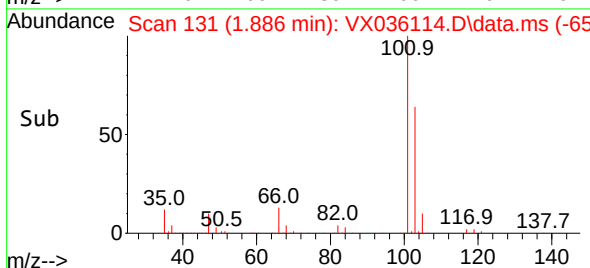
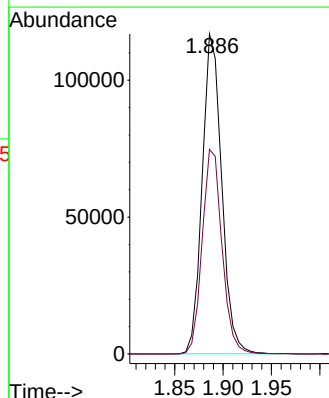
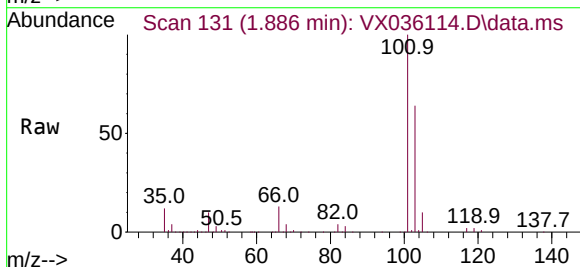
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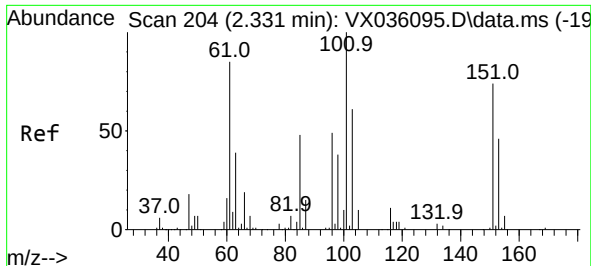
Tgt Ion:101 Resp: 164161

Ion Ratio Lower Upper

101 100

103 65.2 51.4 77.0

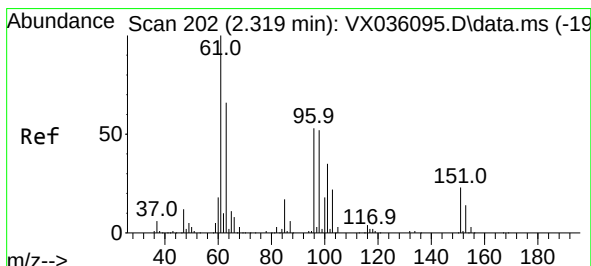
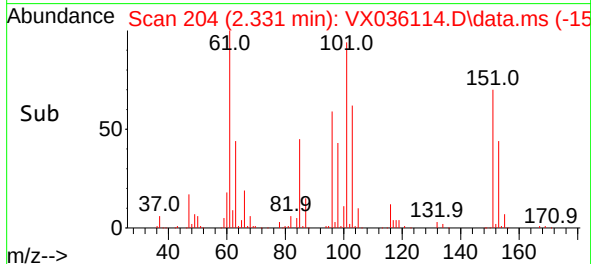
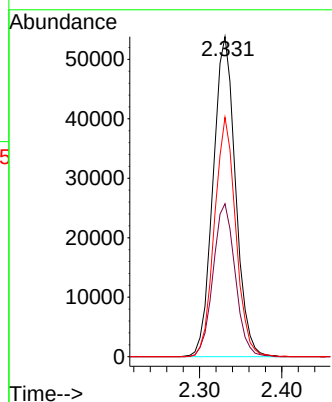
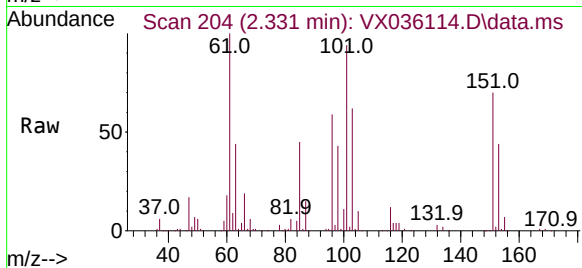




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.265 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX036114.D
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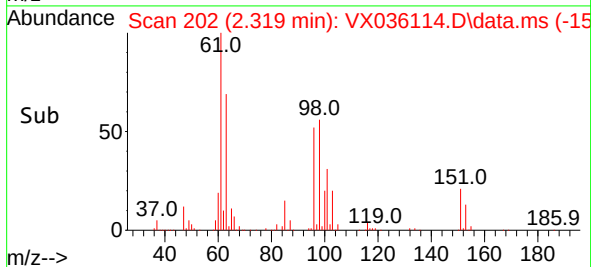
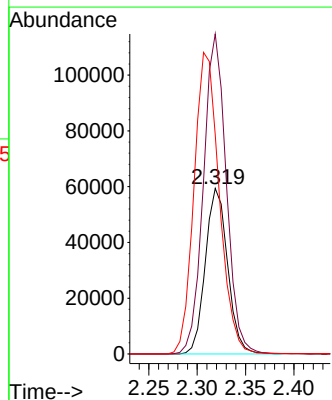
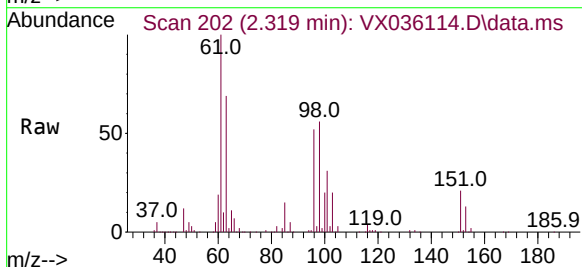
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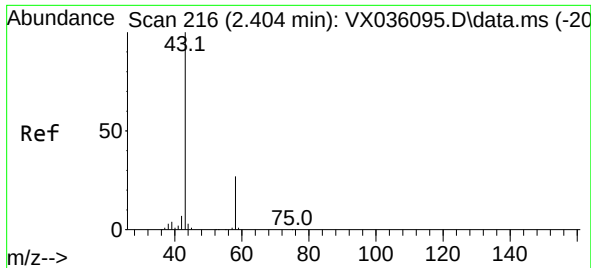
Tgt Ion:101 Resp: 102186
 Ion Ratio Lower Upper
 101 100
 85 47.0 36.6 55.0
 151 71.1 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 49.467 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX036114.D
 Acq: 09 Jun 2023 17:25

Tgt Ion: 96 Resp: 95083
 Ion Ratio Lower Upper
 96 100
 61 193.3 132.5 246.1
 63 132.4 95.1 176.7





#13

Acetone

Concen: 74.397 ug/L

RT: 2.404 min Scan# 216

Delta R.T. -0.000 min

Lab File: VX036114.D

Acq: 09 Jun 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

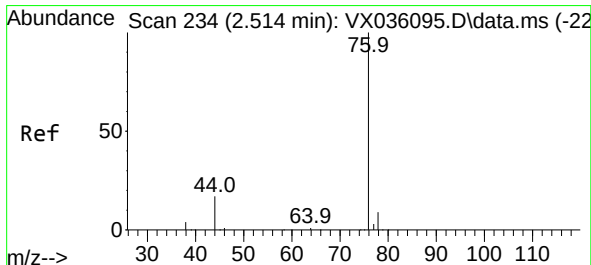
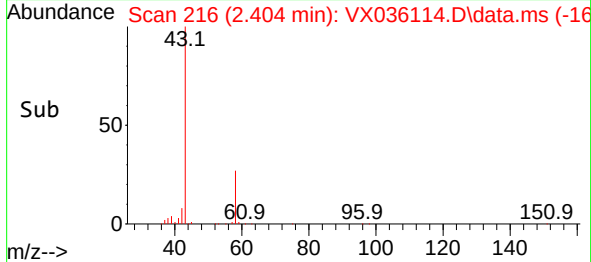
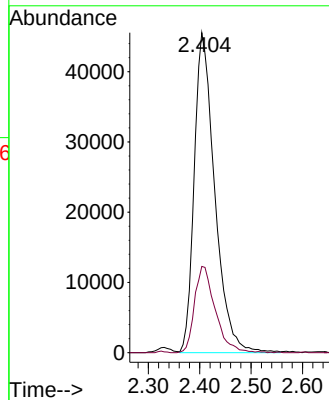
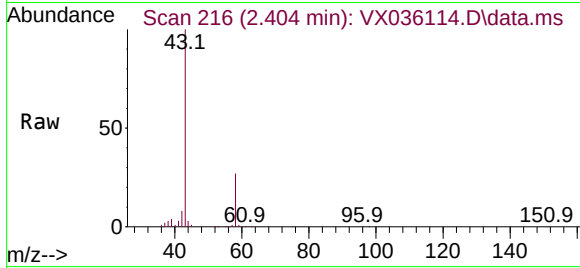
VSTD050693

Tgt Ion: 43 Resp: 126624

Ion Ratio Lower Upper

43 100

58 27.1 0.0 55.4



#14

Carbon disulfide

Concen: 45.050 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

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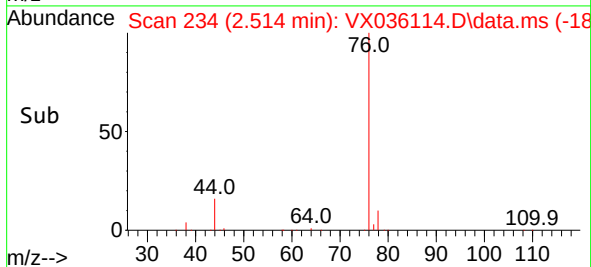
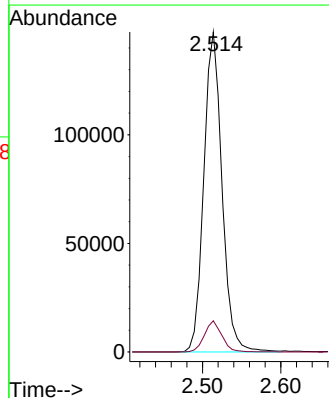
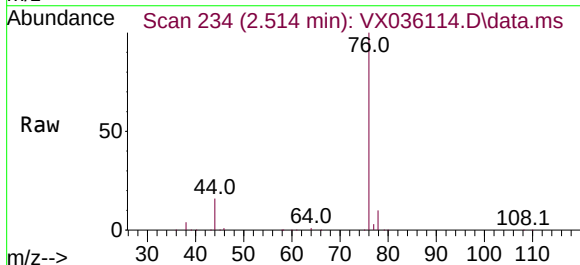
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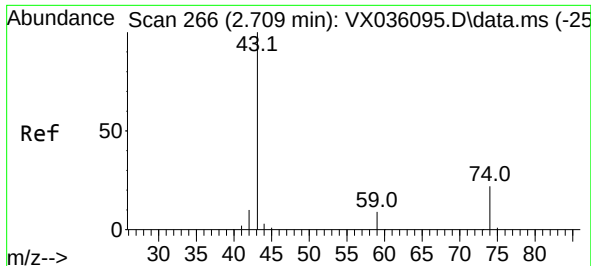
Tgt Ion: 76 Resp: 237636

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9

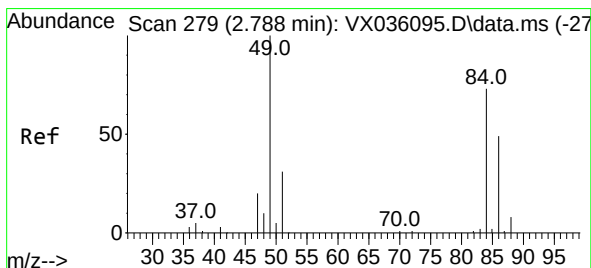
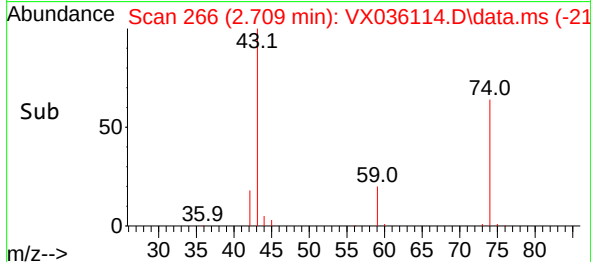
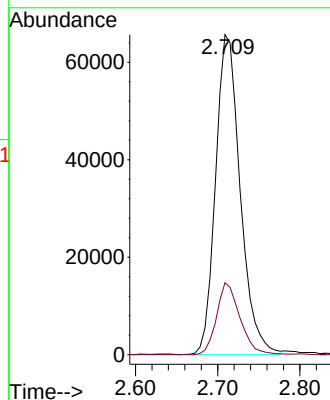
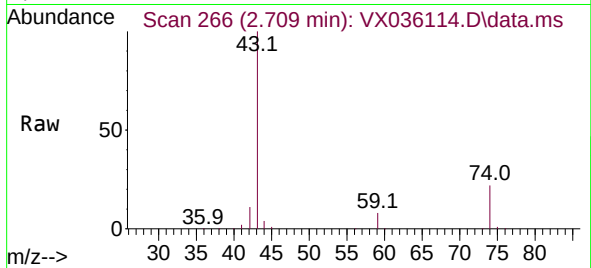




#15
Methyl Acetate
Concen: 51.969 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

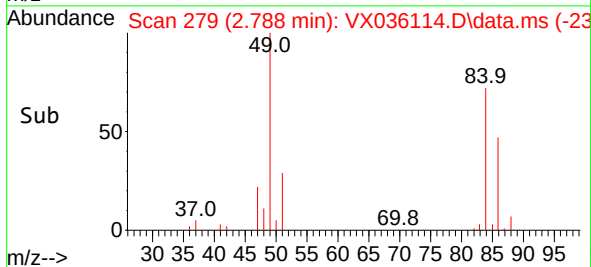
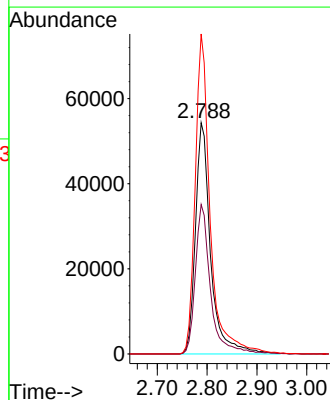
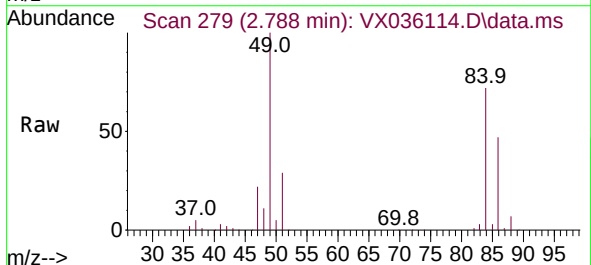
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

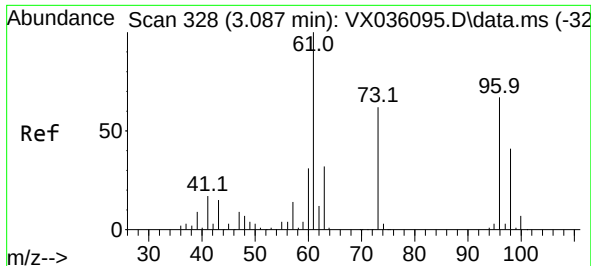
Tgt Ion: 43 Resp: 136852
Ion Ratio Lower Upper
43 100
74 21.3 17.4 26.2



#16
Methylene chloride
Concen: 52.244 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

Tgt Ion: 84 Resp: 115310
Ion Ratio Lower Upper
84 100
86 64.7 46.5 86.5
49 138.5 95.1 176.5

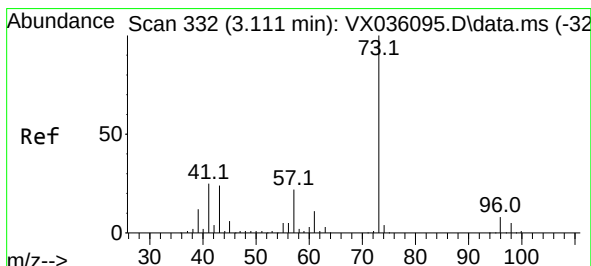
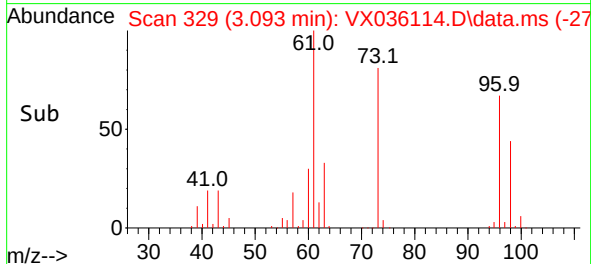
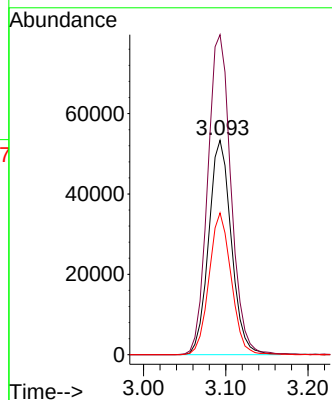
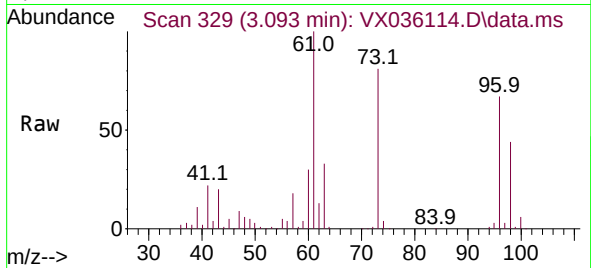




#17
trans-1,2-Dichloroethene
Concen: 49.583 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

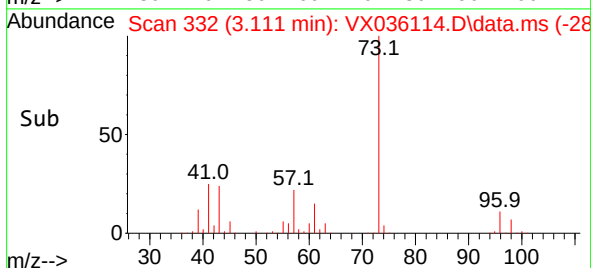
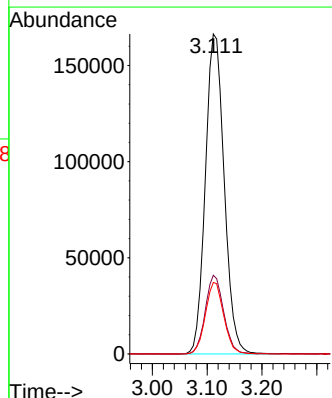
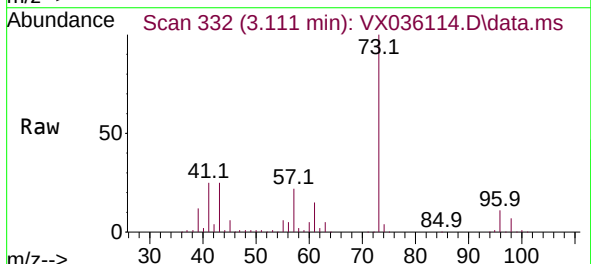
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

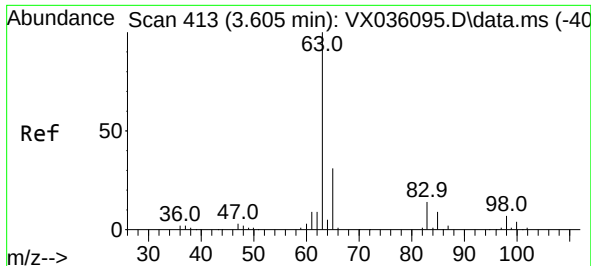
Tgt Ion: 96 Resp: 102110
Ion Ratio Lower Upper
96 100
61 149.3 100.7 187.1
98 66.1 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 54.140 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

Tgt Ion: 73 Resp: 396701
Ion Ratio Lower Upper
73 100
43 24.0 19.4 29.0
57 21.7 17.5 26.3





#19

1,1-Dichloroethane

Concen: 53.326 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX036114.D

Acq: 09 Jun 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTD050693

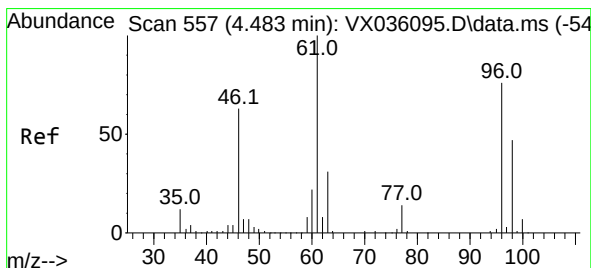
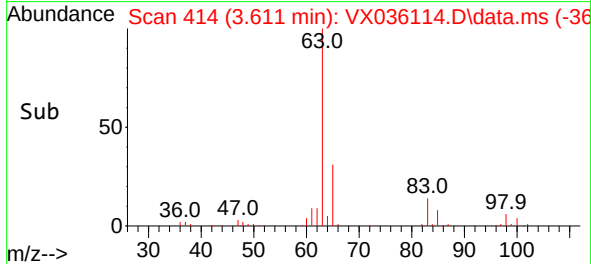
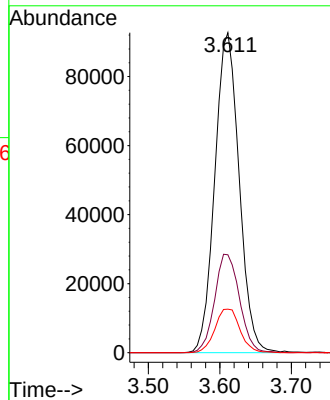
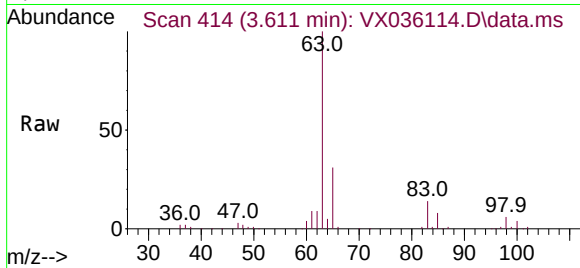
Tgt Ion: 63 Resp: 218942

Ion Ratio Lower Upper

63 100

65 30.6 22.6 42.0

83 13.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 52.231 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX036114.D

Acq: 09 Jun 2023 17:25

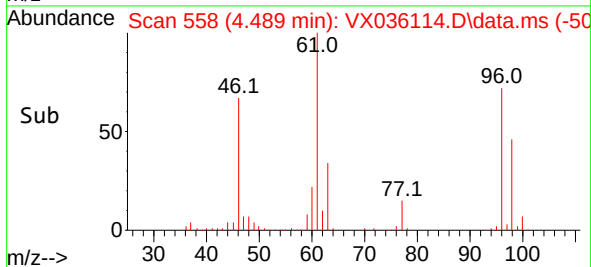
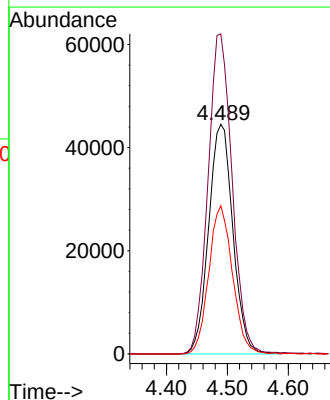
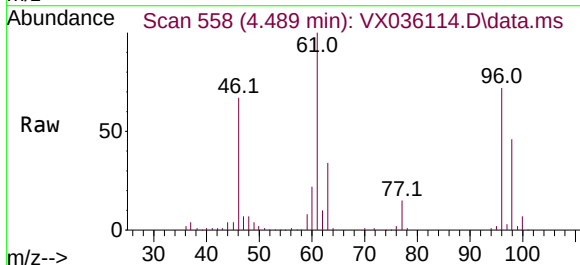
Tgt Ion: 96 Resp: 123415

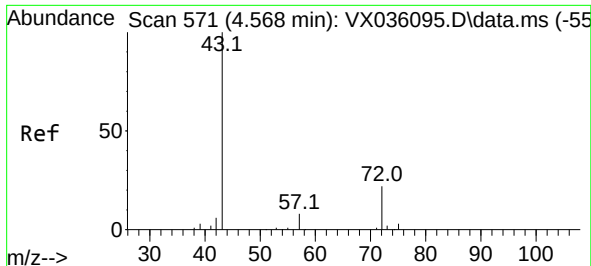
Ion Ratio Lower Upper

96 100

61 139.4 94.7 175.9

98 64.5 45.4 84.4

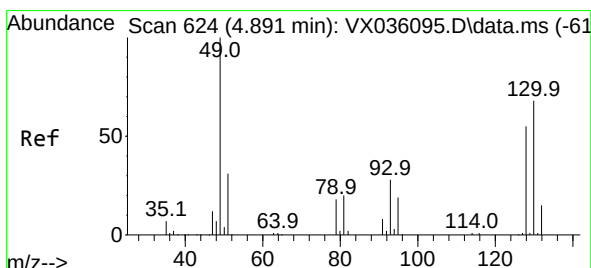
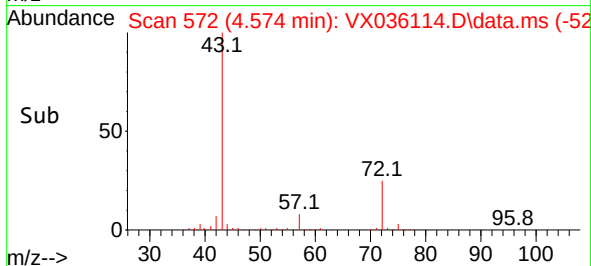
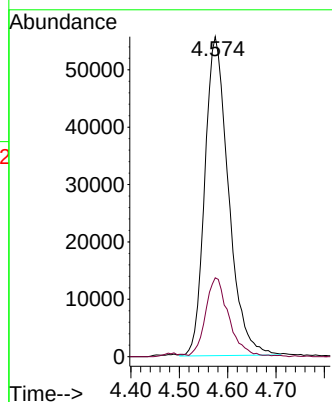
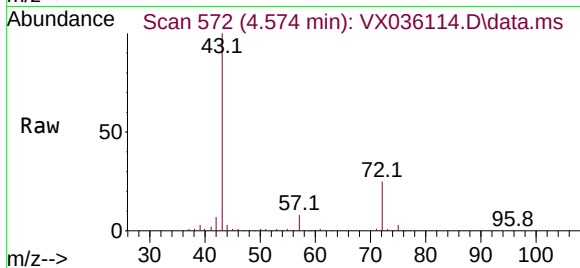




#22
2-Butanone
Concen: 92.998 ug/L
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

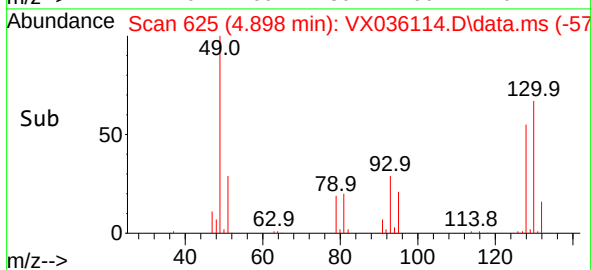
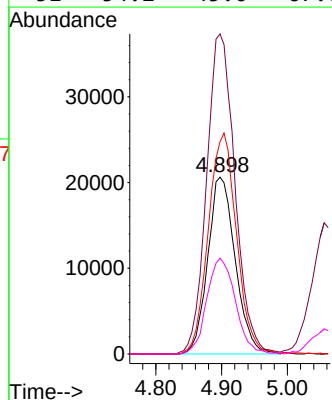
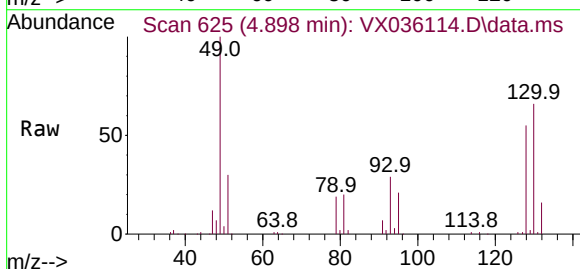
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

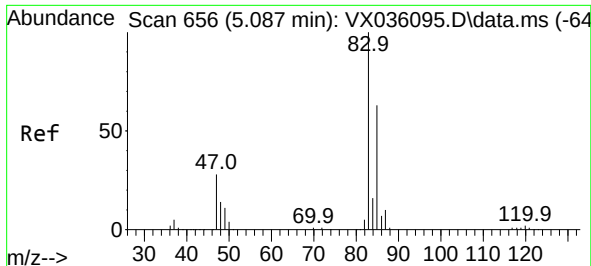
Tgt Ion: 43 Resp: 189050
Ion Ratio Lower Upper
43 100
72 23.5 12.0 36.1



#23
Bromochloromethane
Concen: 51.239 ug/L
RT: 4.898 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

Tgt Ion:128 Resp: 60092
Ion Ratio Lower Upper
128 100
49 181.0 123.9 230.1
130 120.1 88.3 164.1
51 54.2 45.0 67.6

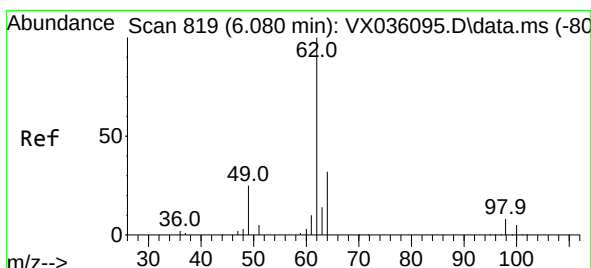
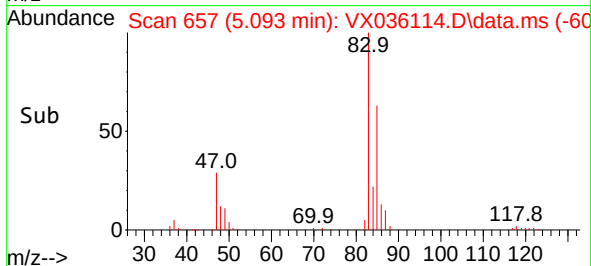
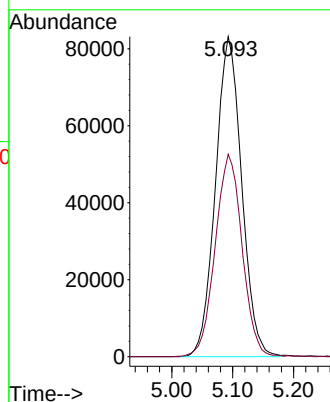
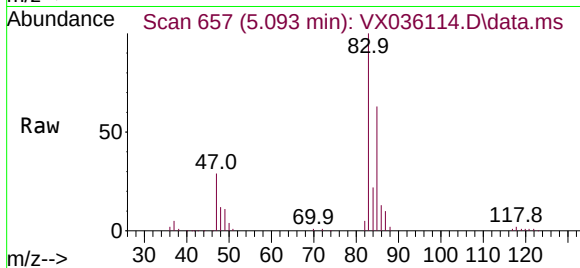




#25
Chloroform
Concen: 55.621 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

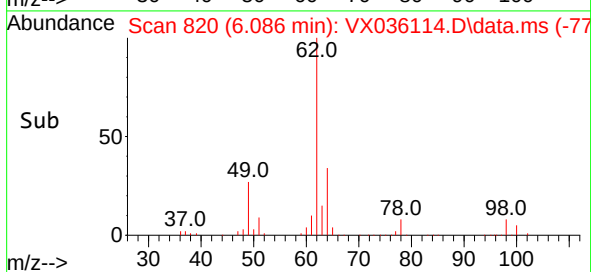
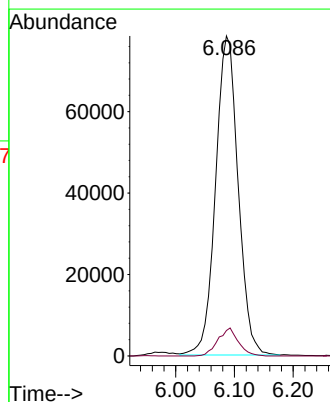
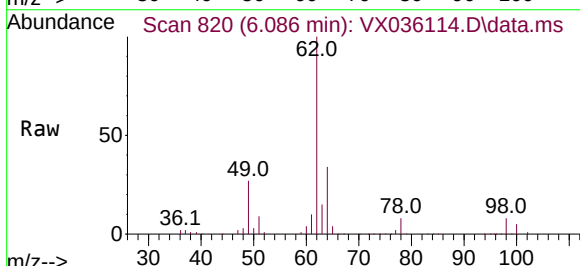
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

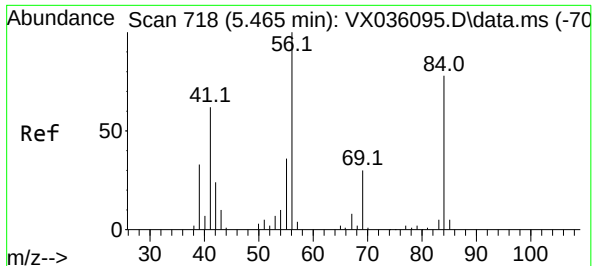
Tgt Ion: 83 Resp: 248414
Ion Ratio Lower Upper
83 100
85 63.3 45.0 83.6



#27
1,2-Dichloroethane
Concen: 54.716 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

Tgt Ion: 62 Resp: 208511
Ion Ratio Lower Upper
62 100
98 8.0 6.4 9.6

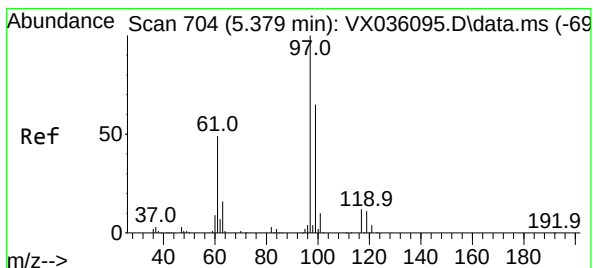
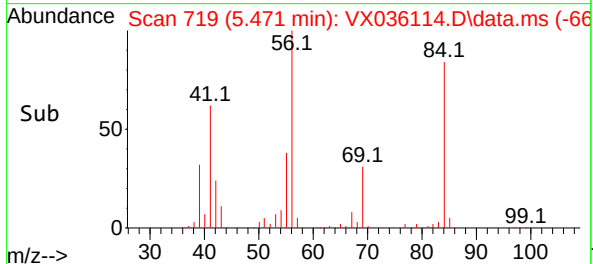
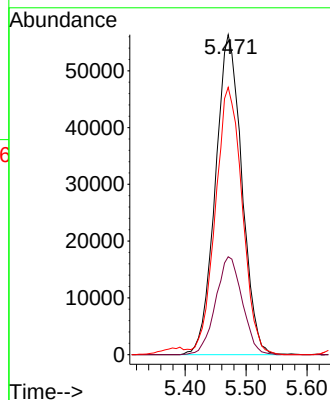
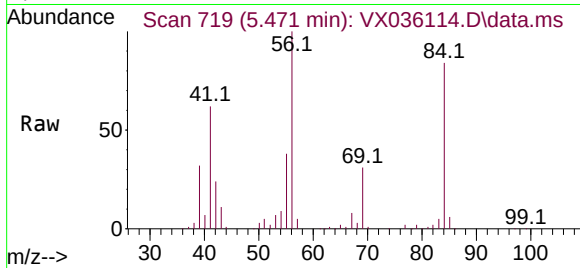




#29
Cyclohexane
Concen: 45.123 ug/L
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

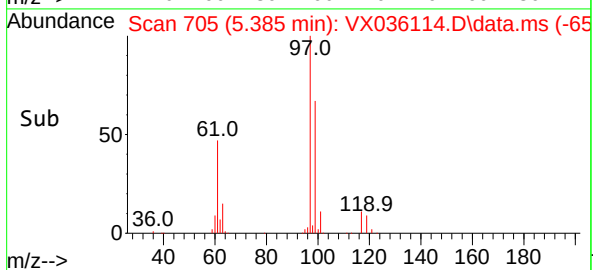
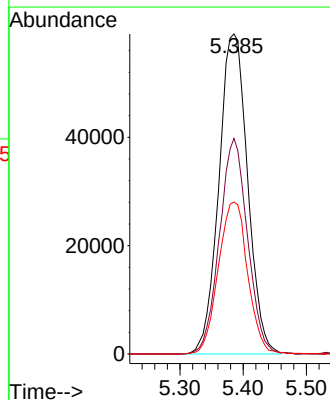
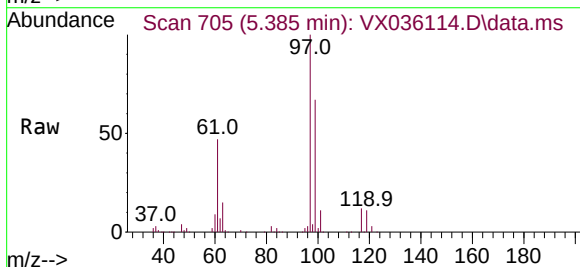
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

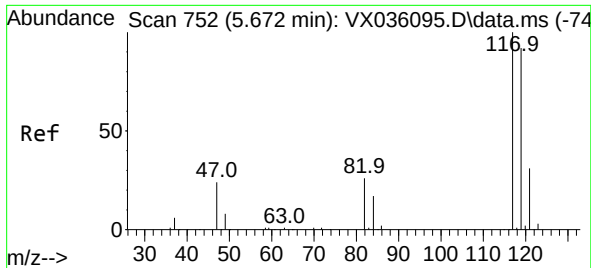
Tgt Ion: 56 Resp: 169989
Ion Ratio Lower Upper
56 100
69 30.7 24.3 36.5
84 84.9 68.4 102.6



#30
1,1,1-Trichloroethane
Concen: 49.633 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

Tgt Ion: 97 Resp: 186556
Ion Ratio Lower Upper
97 100
99 65.5 51.9 77.9
61 48.3 38.0 57.0

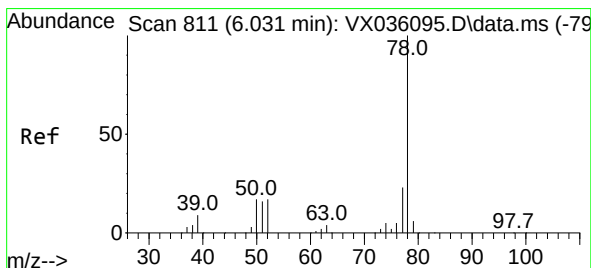
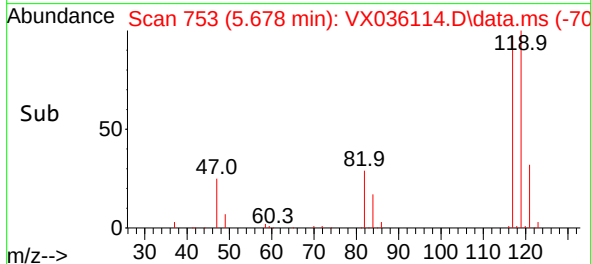
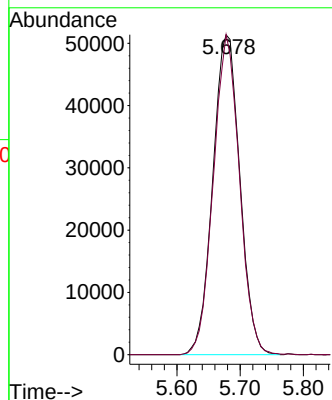
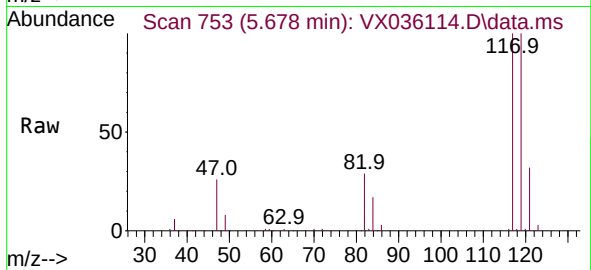




#31
Carbon tetrachloride
Concen: 48.873 ug/L
RT: 5.678 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

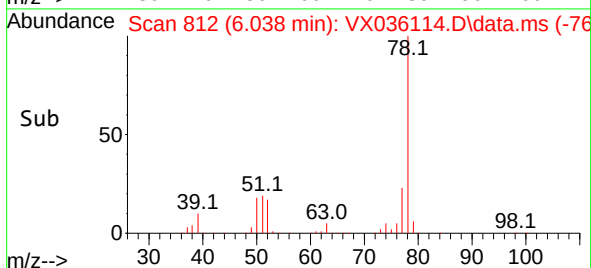
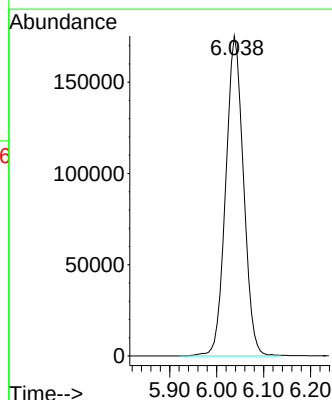
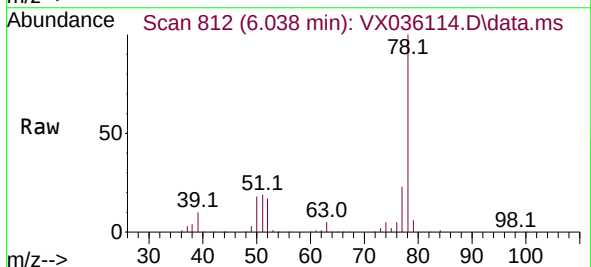
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

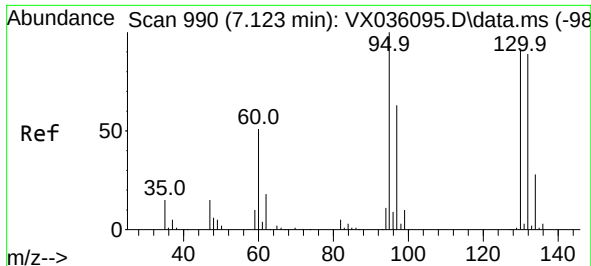
Tgt Ion:117 Resp: 152553
Ion Ratio Lower Upper
117 100
119 96.3 76.9 115.3



#33
Benzene
Concen: 51.179 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

Tgt Ion: 78 Resp: 462460

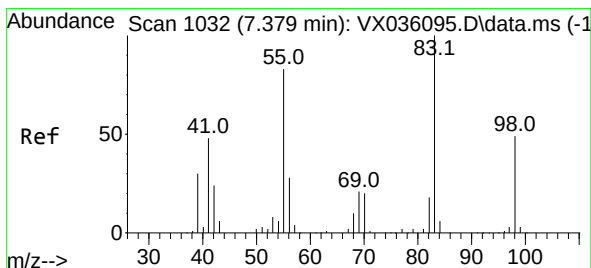
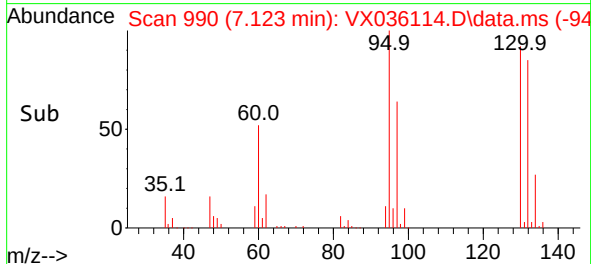
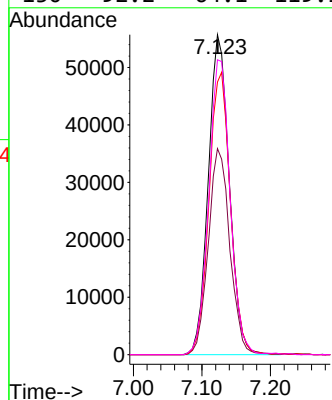
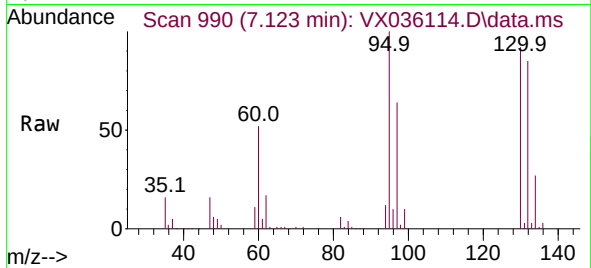




#34
Trichloroethene
Concen: 48.935 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

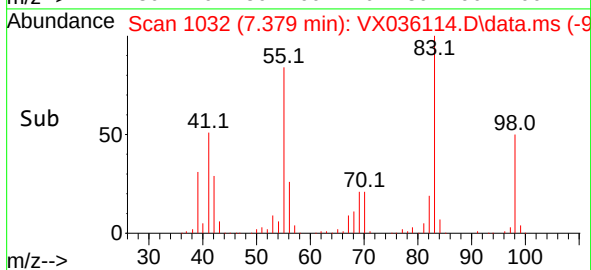
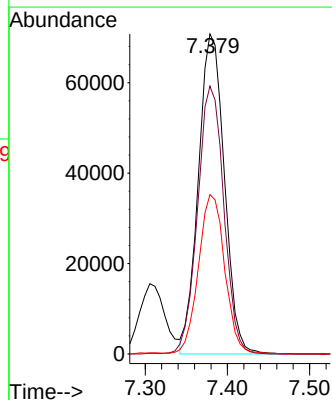
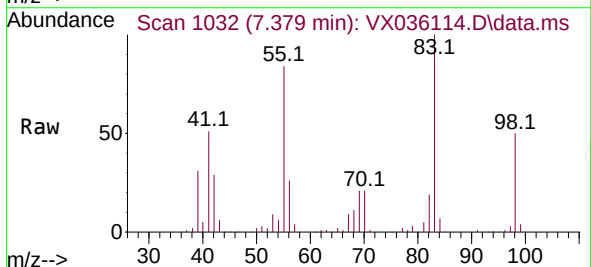
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

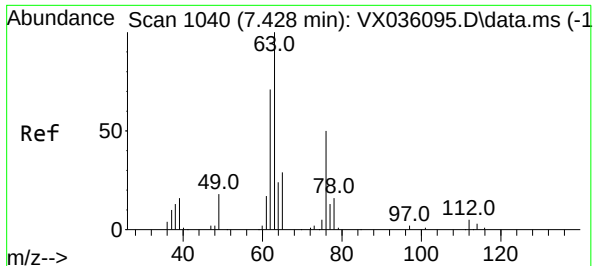
Tgt Ion: 95 Resp: 119093
Ion Ratio Lower Upper
95 100
97 64.4 43.6 81.0
132 85.2 59.9 111.3
130 92.2 64.1 119.1



#35
Methylcyclohexane
Concen: 43.516 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

Tgt Ion: 83 Resp: 155470
Ion Ratio Lower Upper
83 100
55 84.5 65.4 98.2
98 50.5 39.0 58.6





#37

1,2-Dichloropropane

Concen: 53.380 ug/L

RT: 7.434 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX036114.D

Acq: 09 Jun 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

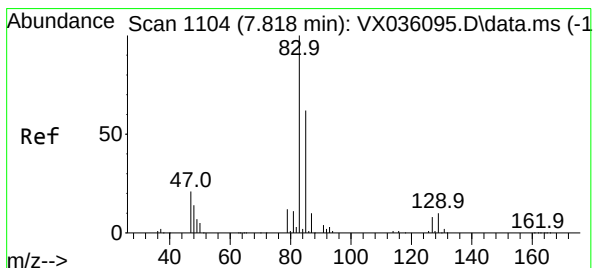
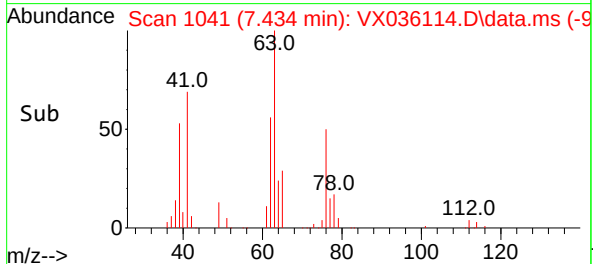
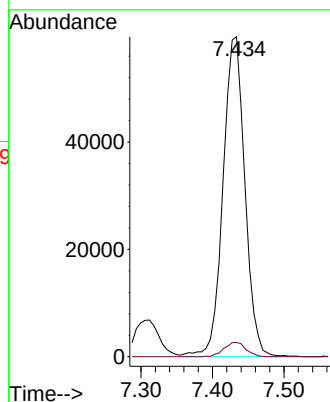
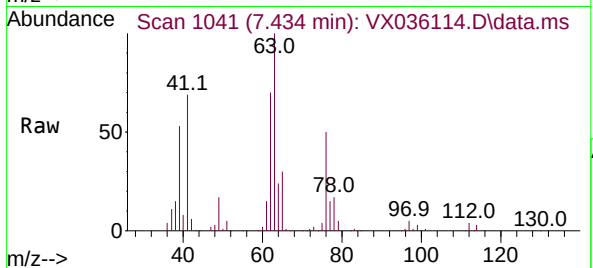
VSTD050693

Tgt Ion: 63 Resp: 126595

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 52.919 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX036114.D

Acq: 09 Jun 2023 17:25

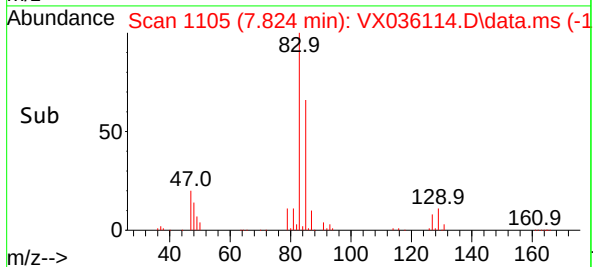
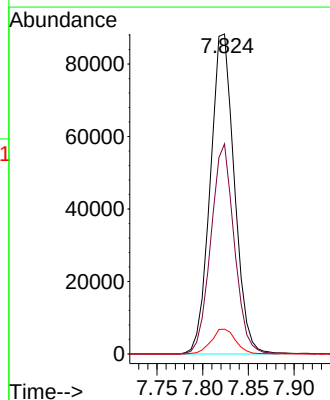
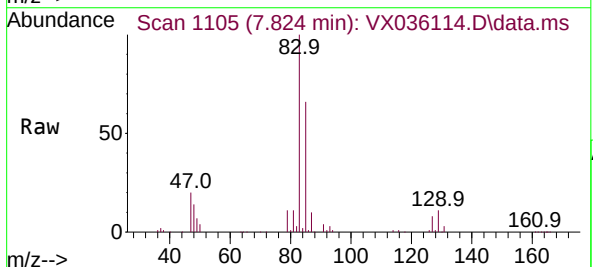
Tgt Ion: 83 Resp: 161799

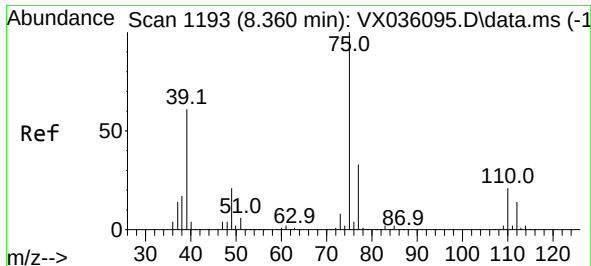
Ion Ratio Lower Upper

83 100

85 65.6 45.3 84.1

127 7.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 52.763 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX036114.D

Acq: 09 Jun 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

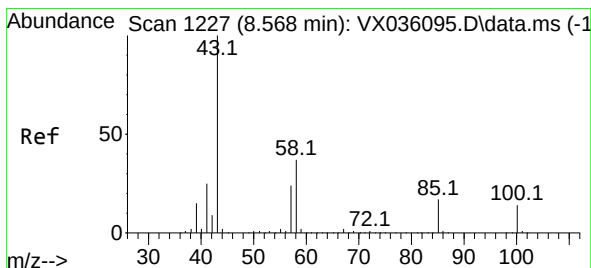
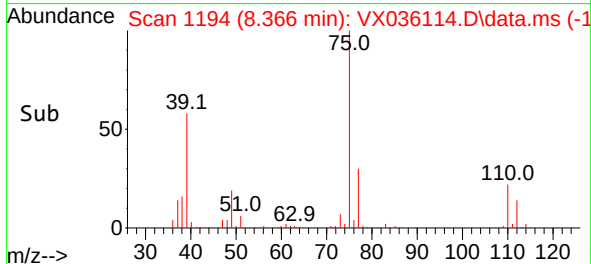
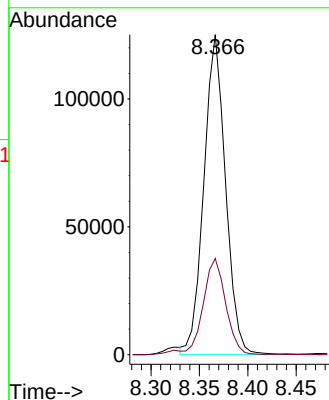
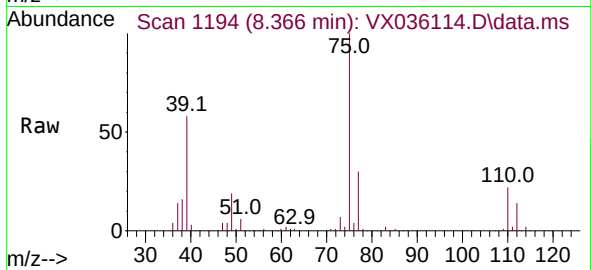
VSTD050693

Tgt Ion: 75 Resp: 195506

Ion Ratio Lower Upper

75 100

77 30.0 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 106.815 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX036114.D

Acq: 09 Jun 2023 17:25

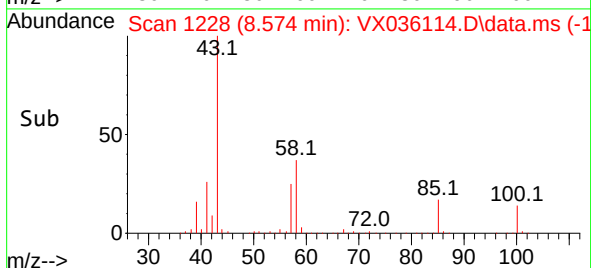
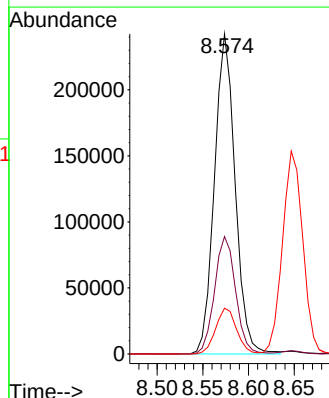
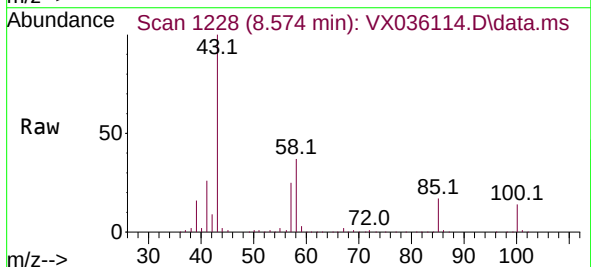
Tgt Ion: 43 Resp: 381514

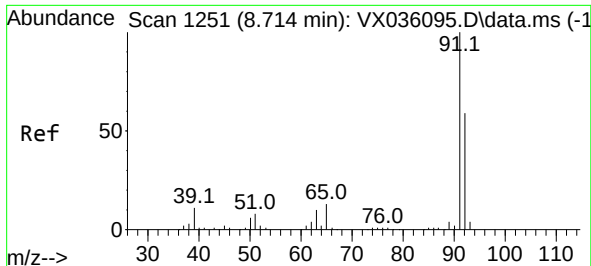
Ion Ratio Lower Upper

43 100

58 37.2 29.4 44.2

100 14.5 11.8 17.6





#42

Toluene

Concen: 51.497 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX036114.D

Acq: 09 Jun 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

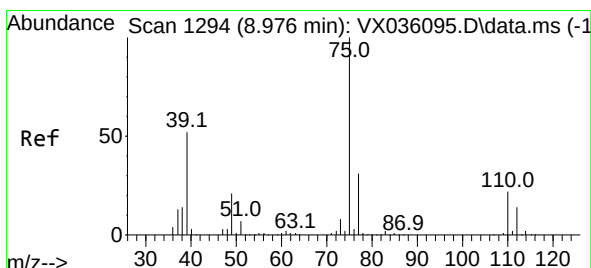
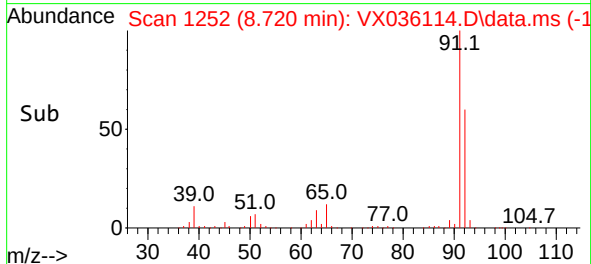
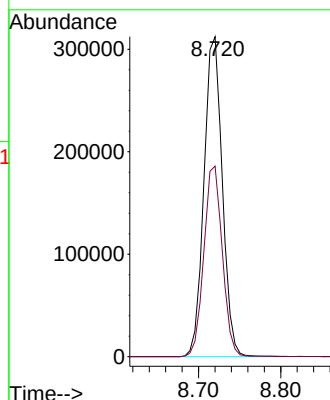
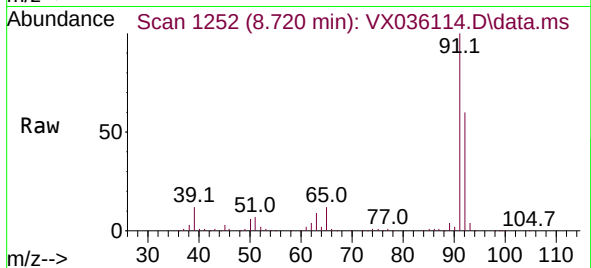
VSTD050693

Tgt Ion: 91 Resp: 483974

Ion Ratio Lower Upper

91 100

92 59.6 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 53.052 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX036114.D

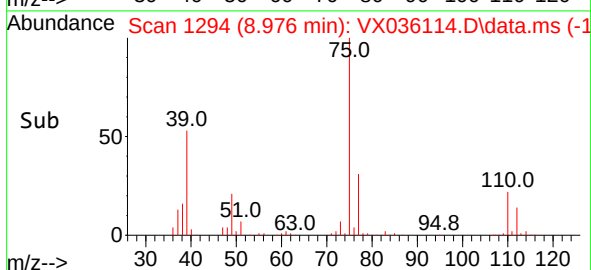
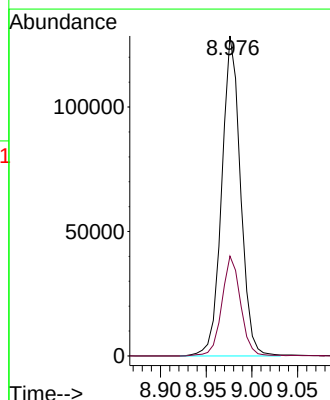
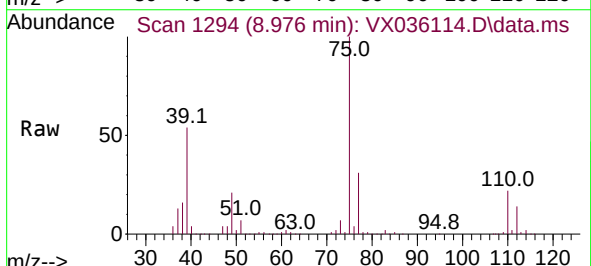
Acq: 09 Jun 2023 17:25

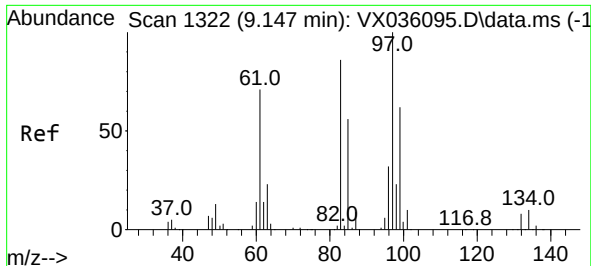
Tgt Ion: 75 Resp: 184074

Ion Ratio Lower Upper

75 100

77 31.2 22.0 41.0

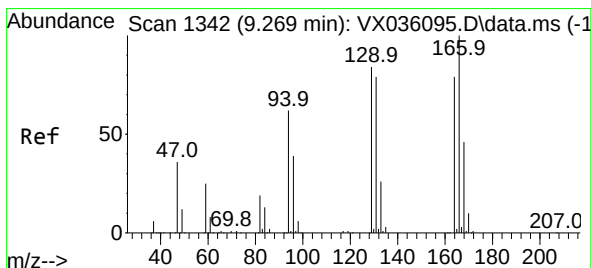
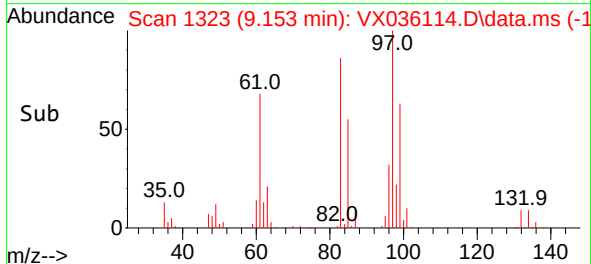
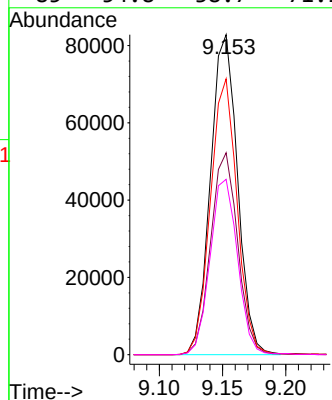
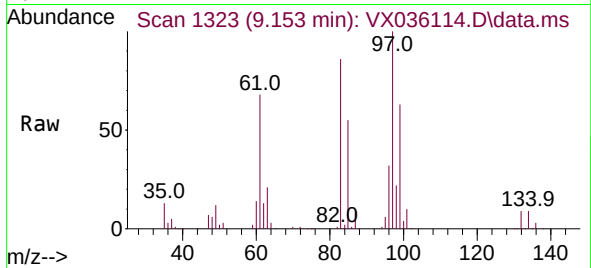




#45
1,1,2-Trichloroethane
Concen: 53.210 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

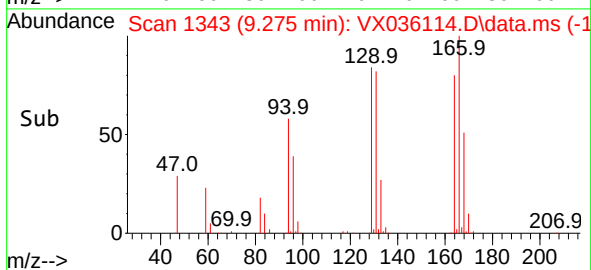
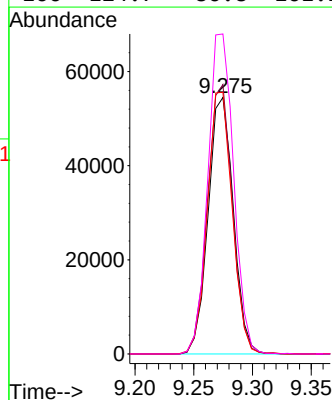
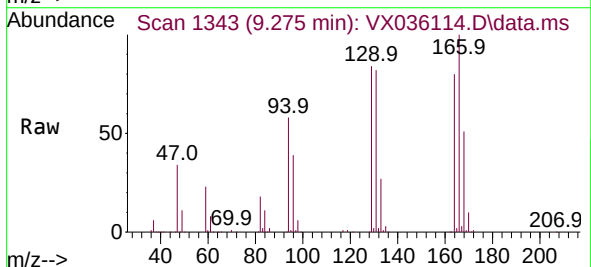
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

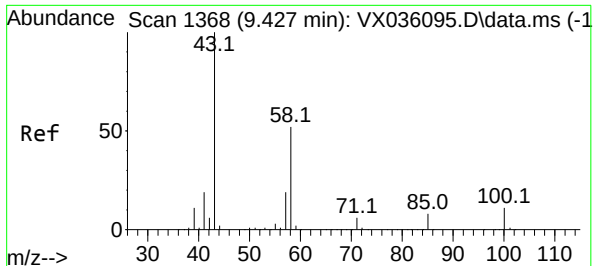
Tgt Ion: 97 Resp: 123505
Ion Ratio Lower Upper
97 100
99 63.1 42.9 79.7
83 86.2 61.0 113.2
85 54.8 38.7 71.9



#46
Tetrachloroethene
Concen: 47.798 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

Tgt Ion: 164 Resp: 81346
Ion Ratio Lower Upper
164 100
129 105.0 74.8 139.0
131 102.1 68.9 127.9
166 124.7 86.8 161.2



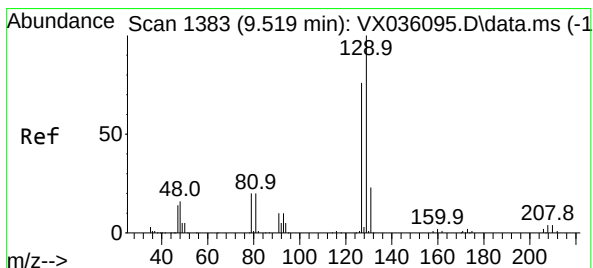
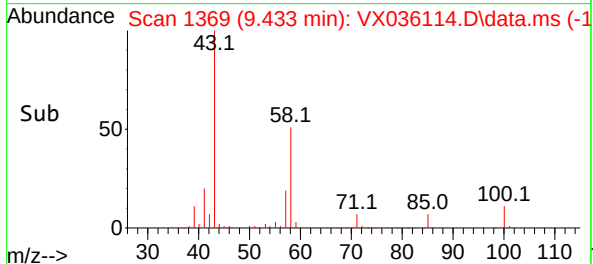
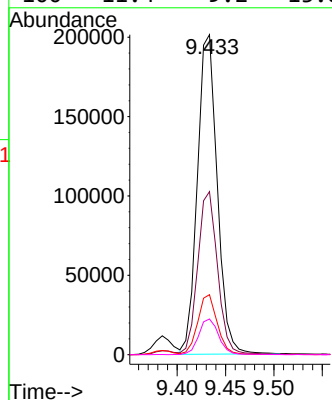
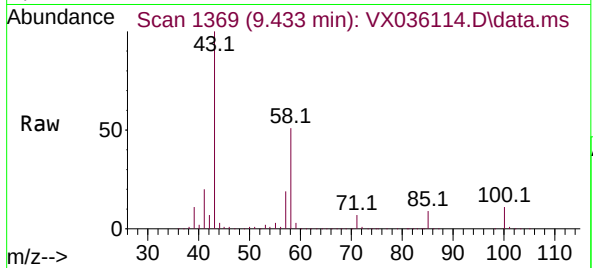


#48
2-Hexanone
Concen: 102.296 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

Tgt Ion: 43 Resp: 288303

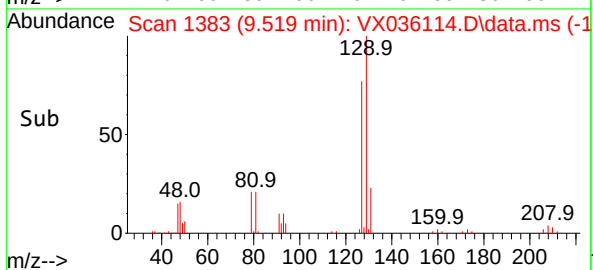
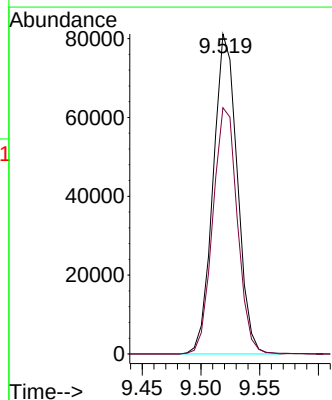
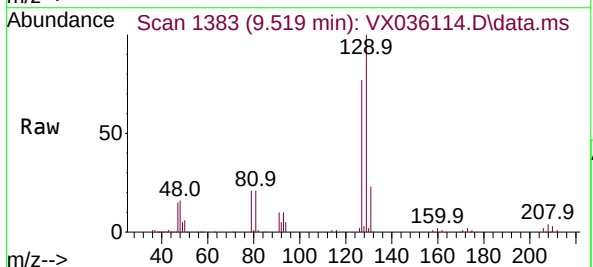
Ion	Ratio	Lower	Upper
43	100		
58	51.2	41.0	61.6
57	18.3	15.2	22.8
100	11.4	9.2	13.8

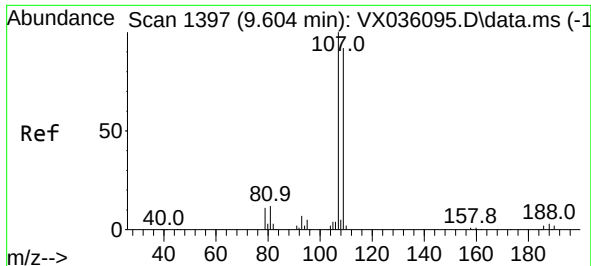


#49
Dibromochloromethane
Concen: 52.651 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

Tgt Ion: 129 Resp: 115951

Ion	Ratio	Lower	Upper
129	100		
127	77.0	53.3	98.9

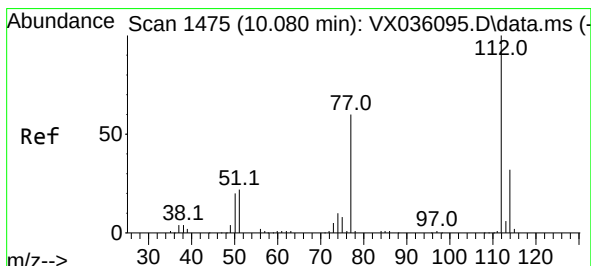
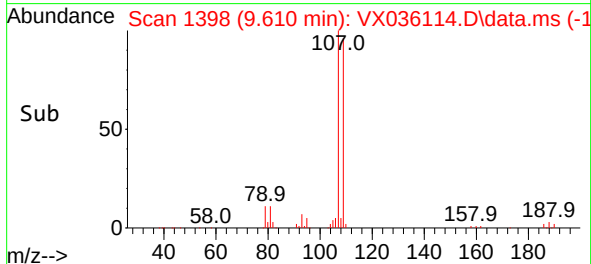
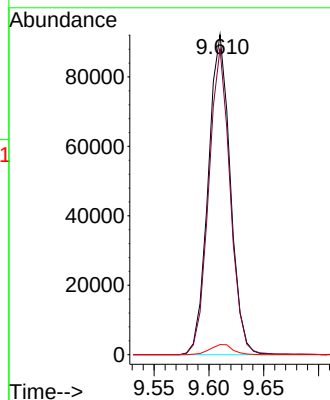
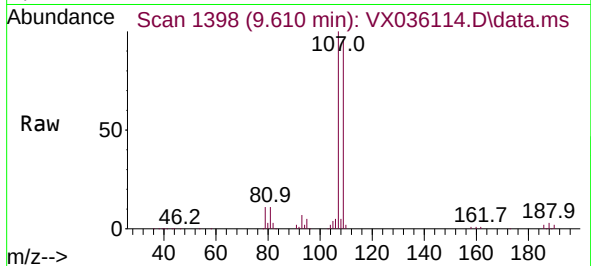




#50
1,2-Dibromoethane
Concen: 52.605 ug/L
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

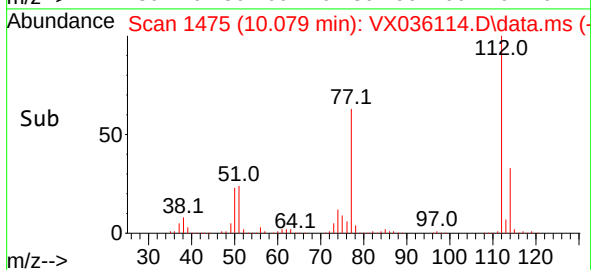
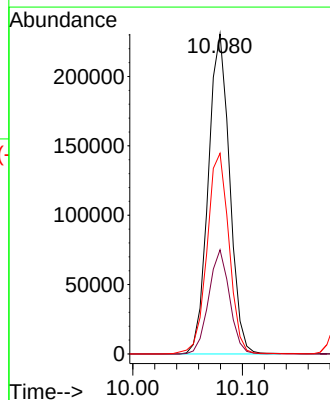
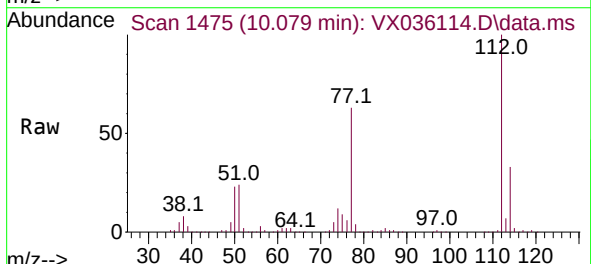
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

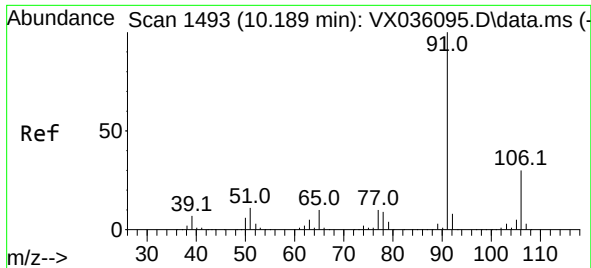
Tgt Ion:	107	Resp:	129016
Ion	Ratio	Lower	Upper
107	100		
109	95.6	66.1	122.8
188	3.2	2.9	4.3



#51
Chlorobenzene
Concen: 50.447 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

Tgt Ion:	112	Resp:	311922
Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.7	42.3
77	62.7	50.6	75.8

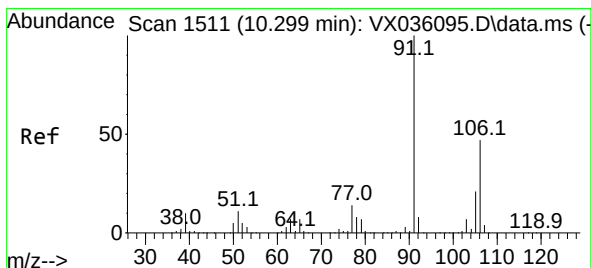
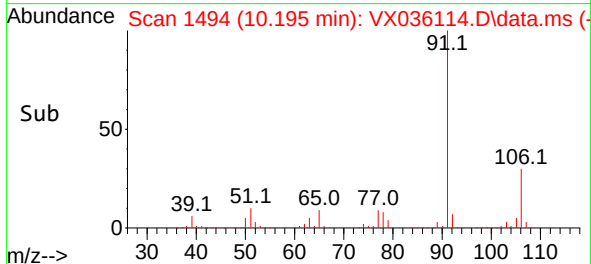
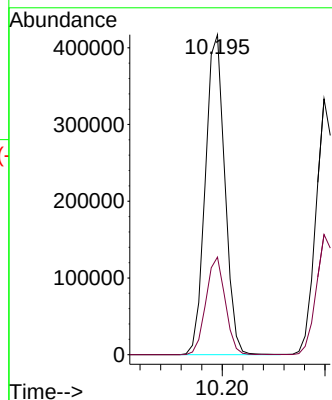
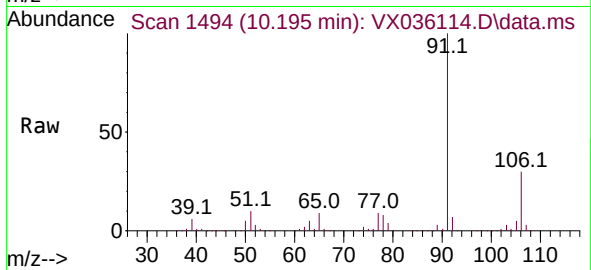




#52
Ethylbenzene
Concen: 50.722 ug/L
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

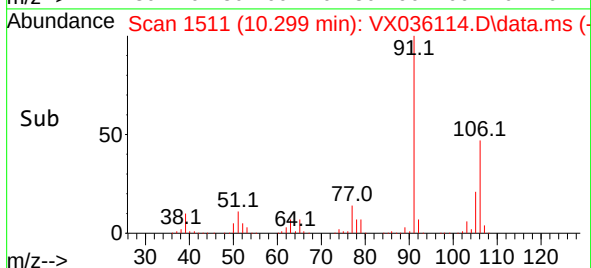
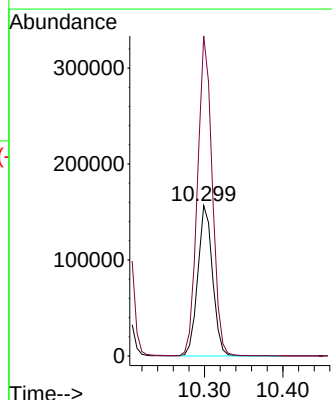
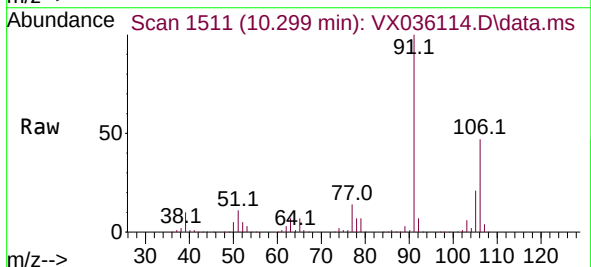
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

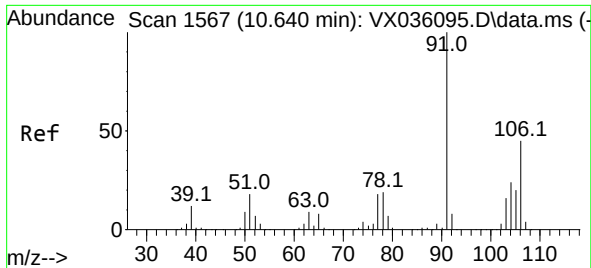
Tgt Ion: 91 Resp: 549024
Ion Ratio Lower Upper
91 100
106 30.5 20.8 38.6



#53
m,p-Xylene
Concen: 50.117 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

Tgt Ion: 106 Resp: 205726
Ion Ratio Lower Upper
106 100
91 212.8 149.8 278.2

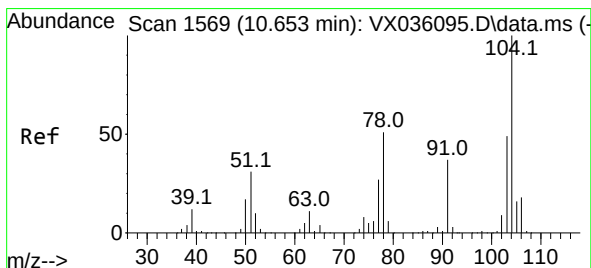
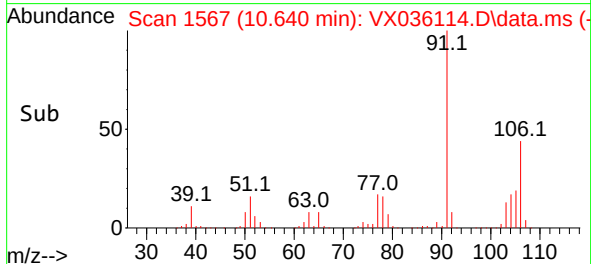
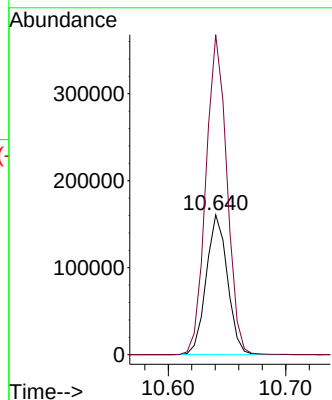
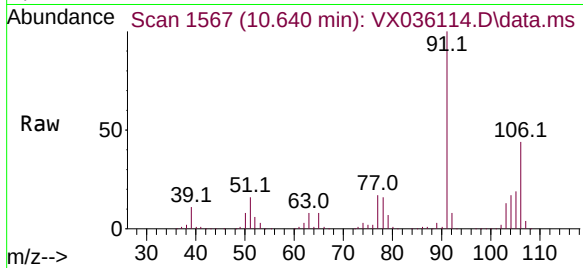




#54
o-Xylene
Concen: 50.195 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

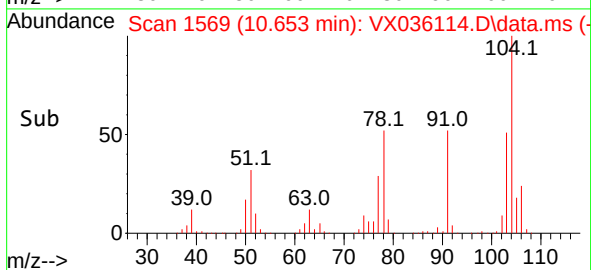
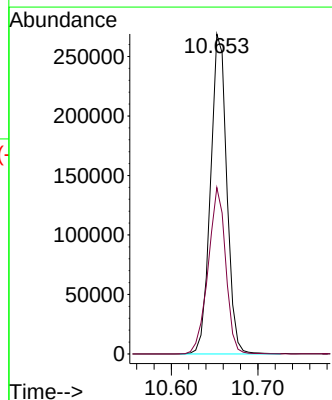
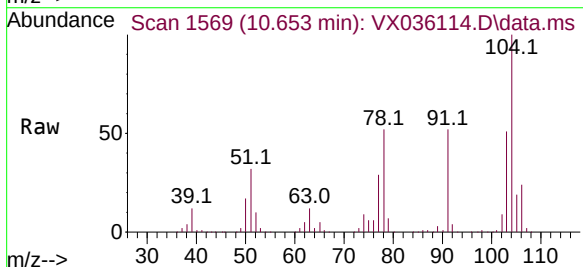
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

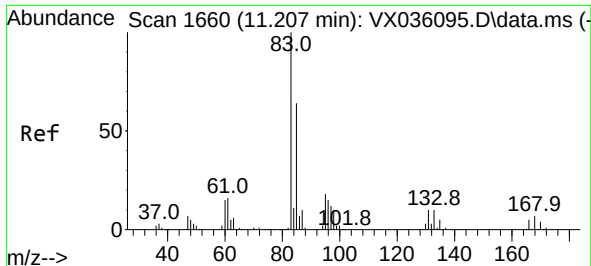
Tgt Ion:106 Resp: 201398
Ion Ratio Lower Upper
106 100
91 228.7 156.9 291.5



#55
Styrene
Concen: 51.432 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

Tgt Ion:104 Resp: 350718
Ion Ratio Lower Upper
104 100
78 52.0 36.1 67.1

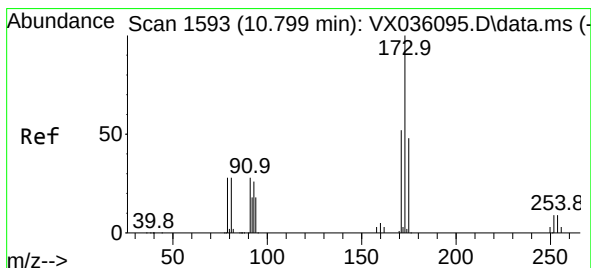
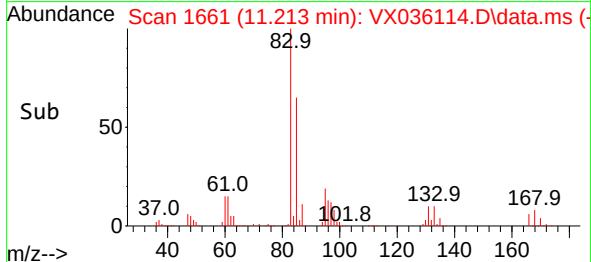
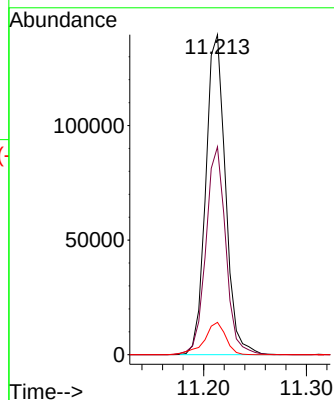
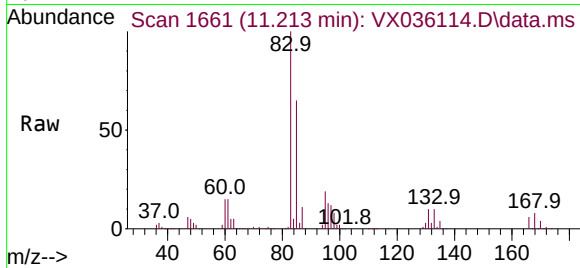




#57
1,1,2,2-Tetrachloroethane
Concen: 51.091 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

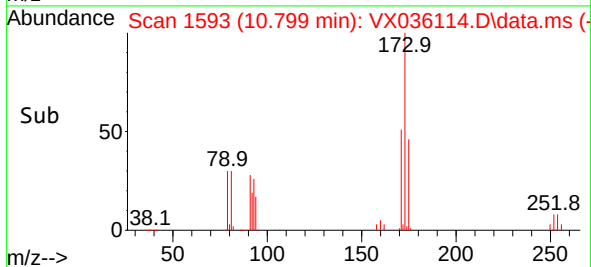
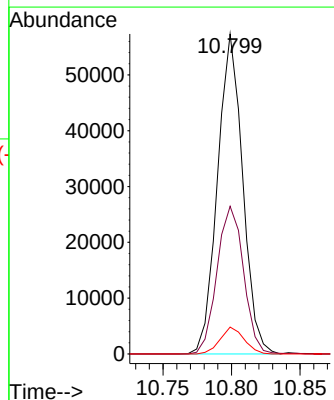
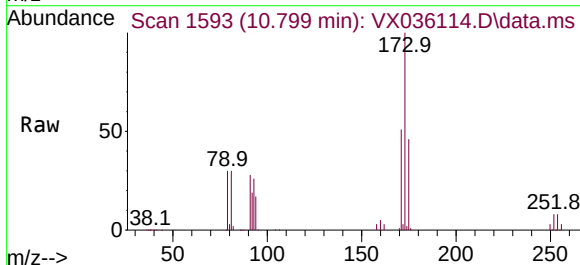
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

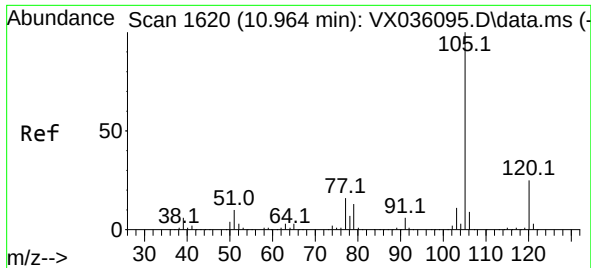
Tgt Ion: 83 Resp: 186391
Ion Ratio Lower Upper
83 100
85 65.0 45.6 84.8
131 10.1 8.1 12.1



#59
Bromoform
Concen: 52.748 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

Tgt Ion: 173 Resp: 73091
Ion Ratio Lower Upper
173 100
175 48.8 38.2 57.2
254 8.0 6.6 10.0

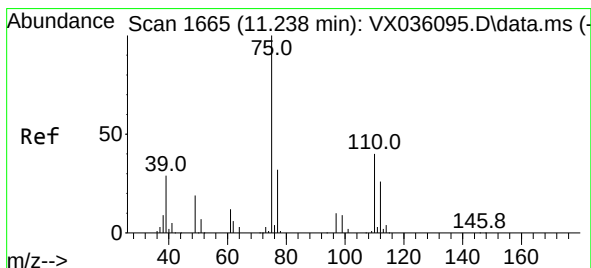
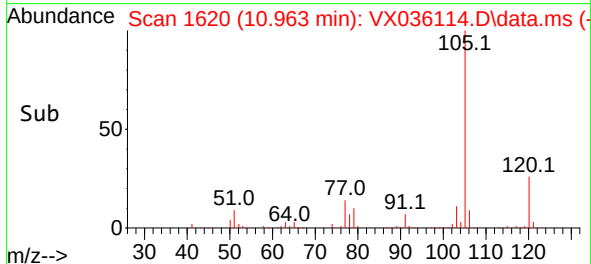
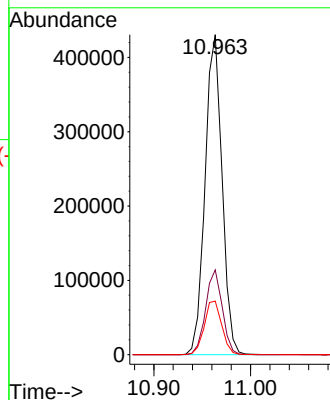
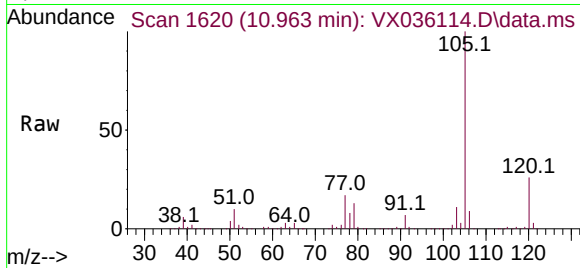




#60
Isopropylbenzene
Concen: 52.009 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

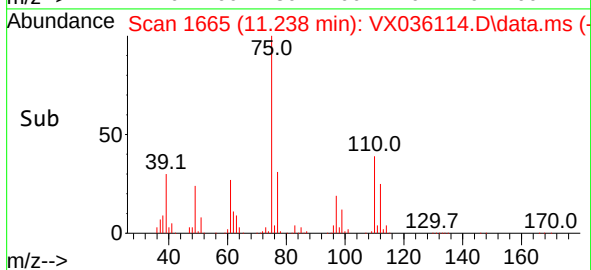
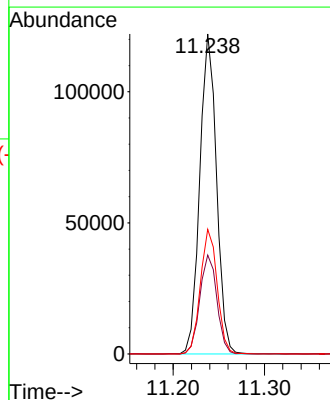
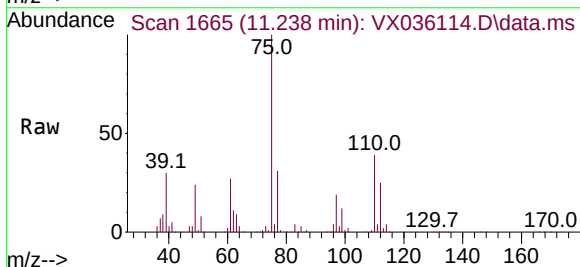
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

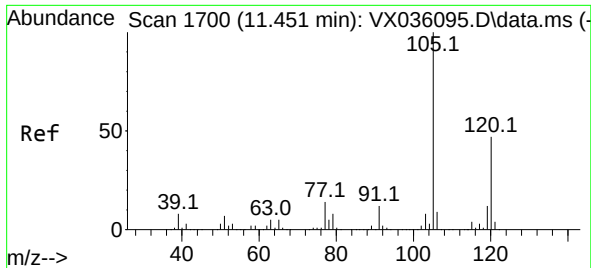
Tgt Ion:105 Resp: 527678
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3
77 17.3 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 54.721 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

Tgt Ion: 75 Resp: 155092
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
110 39.0 31.8 47.6

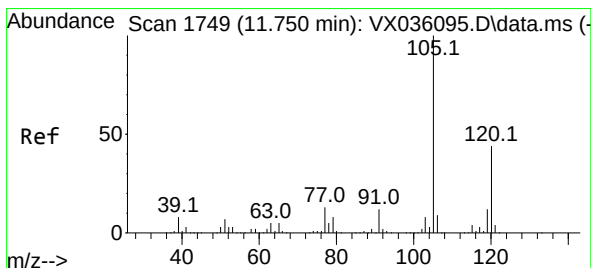
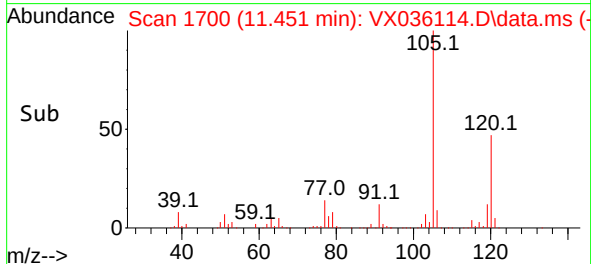
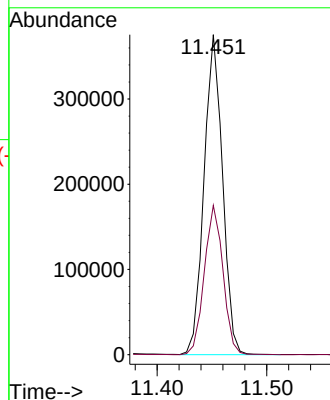
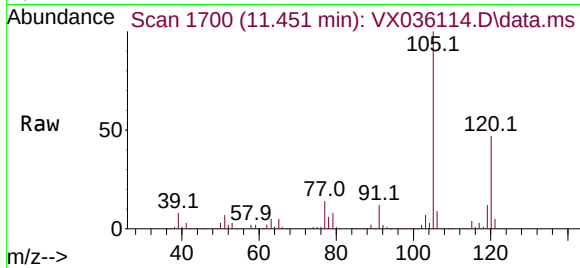




#62
1,3,5-Trimethylbenzene
Concen: 52.135 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

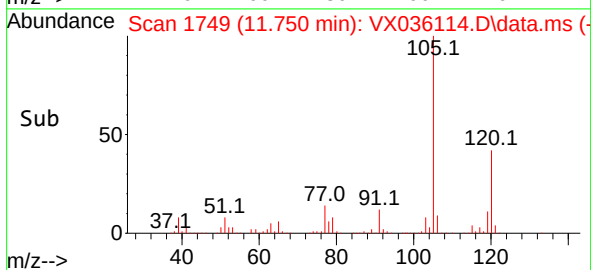
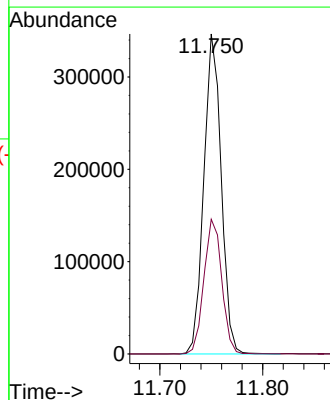
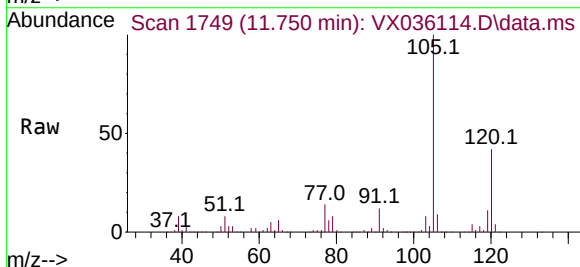
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

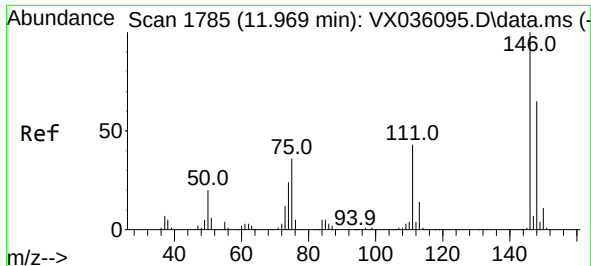
Tgt Ion:105 Resp: 439941
Ion Ratio Lower Upper
105 100
120 47.0 37.0 55.4



#63
1,2,4-Trimethylbenzene
Concen: 52.284 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

Tgt Ion:105 Resp: 408276
Ion Ratio Lower Upper
105 100
120 43.3 35.0 52.6

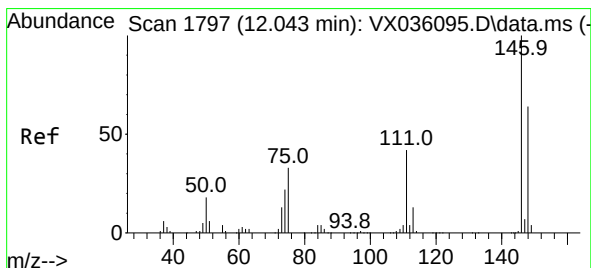
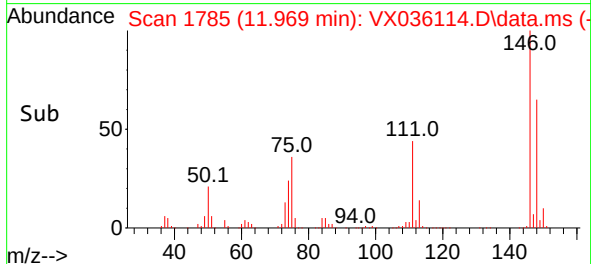
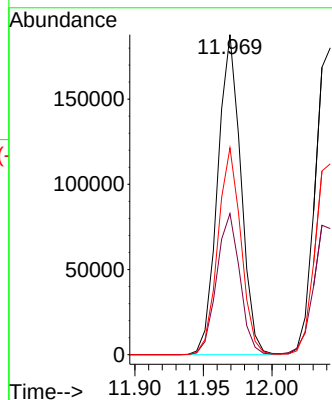
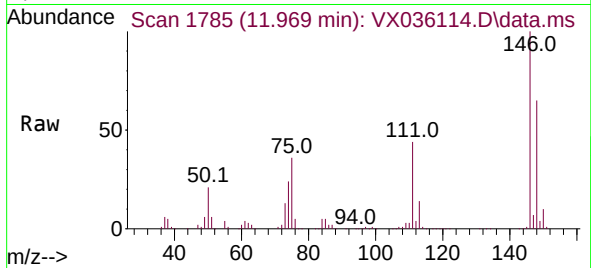




#64
1,3-Dichlorobenzene
Concen: 50.314 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

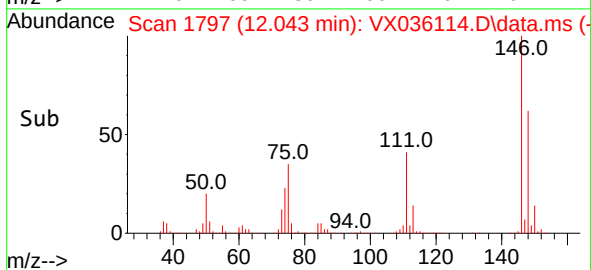
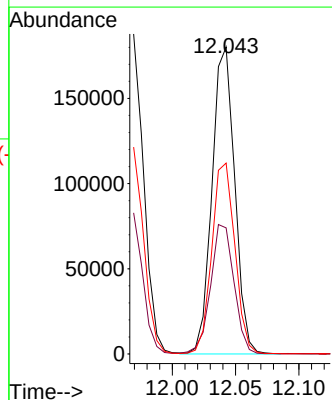
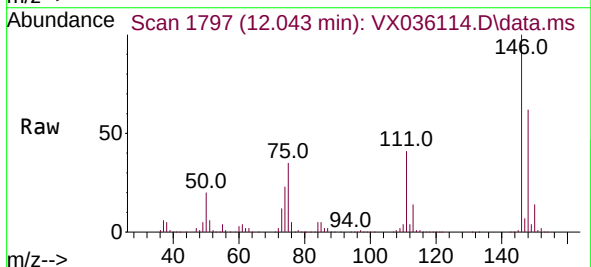
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

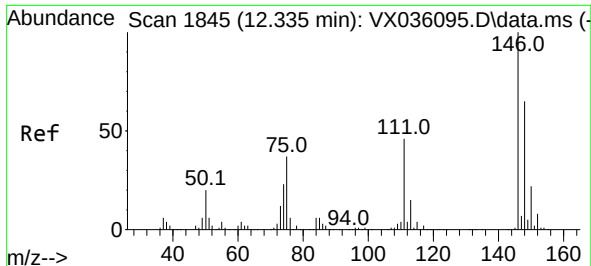
Tgt Ion:146 Resp: 221055
Ion Ratio Lower Upper
146 100
111 44.1 30.9 57.3
148 64.6 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 50.058 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX036114.D
Acq: 09 Jun 2023 17:25

Tgt Ion:146 Resp: 224962
Ion Ratio Lower Upper
146 100
111 41.1 28.8 53.4
148 62.2 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 51.798 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX036114.D

Acq: 09 Jun 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTD050693

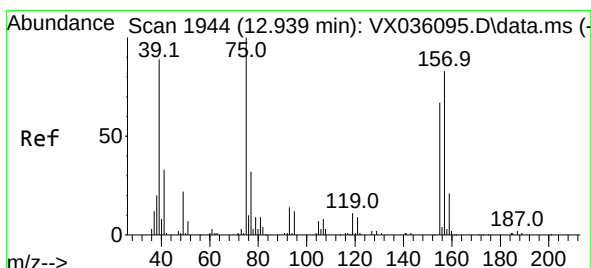
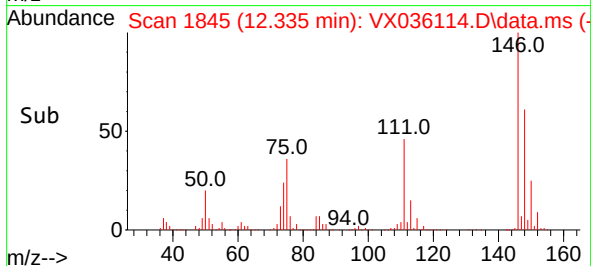
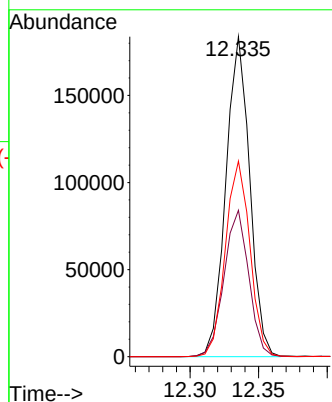
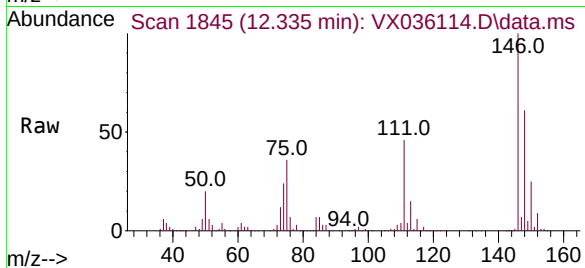
Tgt Ion:146 Resp: 222314

Ion Ratio Lower Upper

146 100

111 45.7 37.0 55.4

148 61.1 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 56.403 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX036114.D

Acq: 09 Jun 2023 17:25

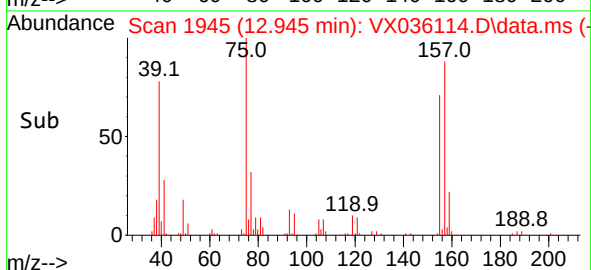
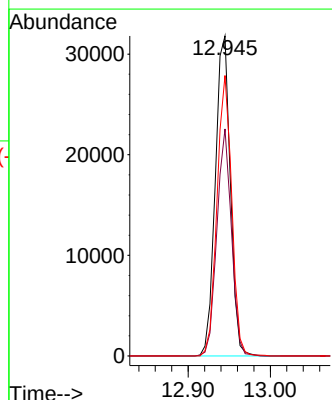
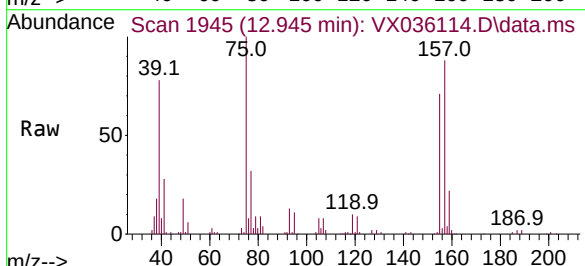
Tgt Ion: 75 Resp: 40372

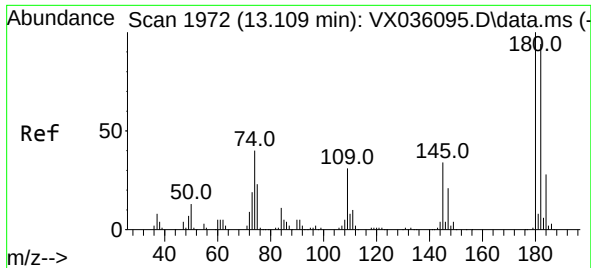
Ion Ratio Lower Upper

75 100

155 71.0 57.0 85.6

157 87.7 75.2 112.8

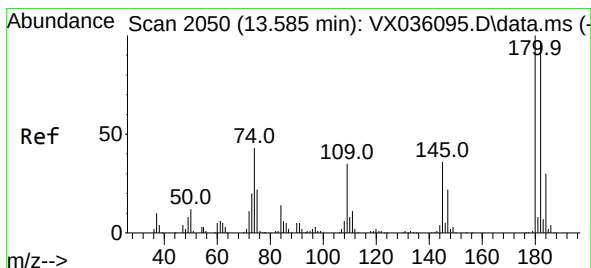
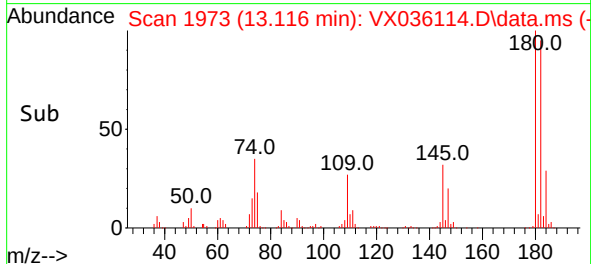
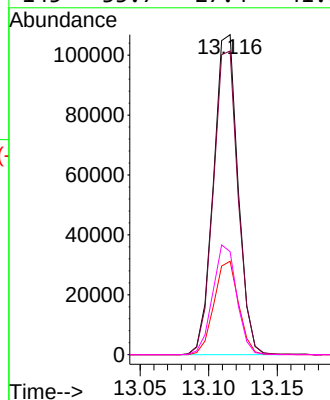
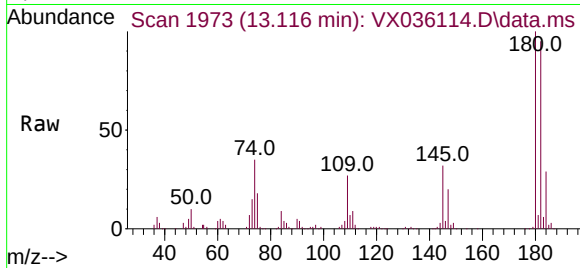




#69
 1,3,5-Trichlorobenzene
 Concen: 49.335 ug/L
 RT: 13.116 min Scan# 1972
 Delta R.T. 0.006 min
 Lab File: VX036114.D
 Acq: 09 Jun 2023 17:25

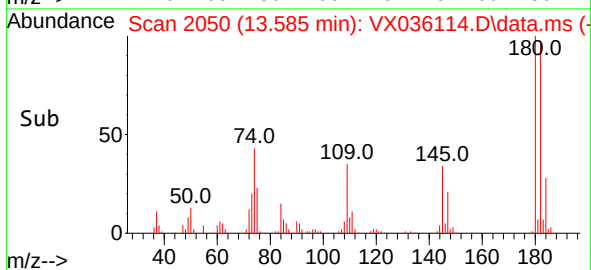
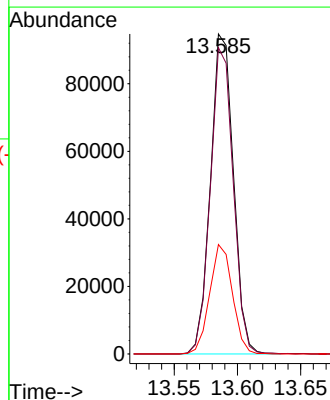
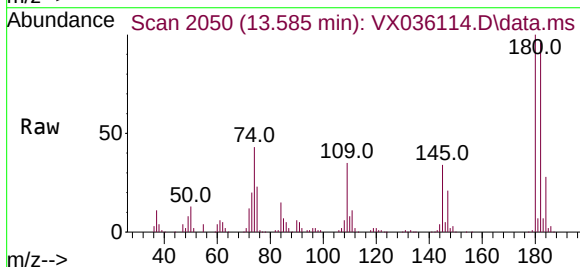
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050693

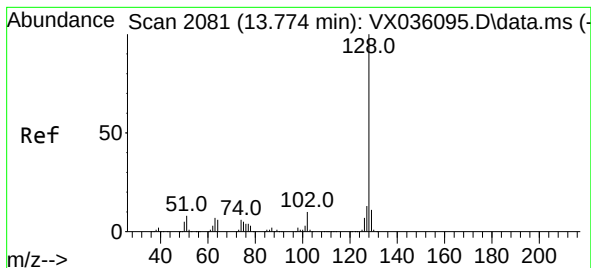
Tgt Ion:180 Resp: 132672
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.0 114.0
 184 29.3 23.8 35.8
 145 33.7 27.4 41.0



#70
 1,2,4-trichlorobenzene
 Concen: 48.777 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX036114.D
 Acq: 09 Jun 2023 17:25

Tgt Ion:180 Resp: 119819
 Ion Ratio Lower Upper
 180 100
 182 95.1 74.6 112.0
 145 33.9 28.6 42.8





#71

Naphthalene

Concen: 52.934 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036114.D

Acq: 09 Jun 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTD050693

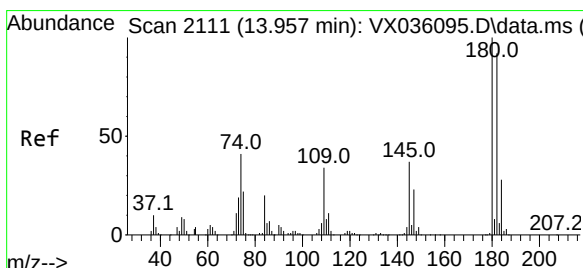
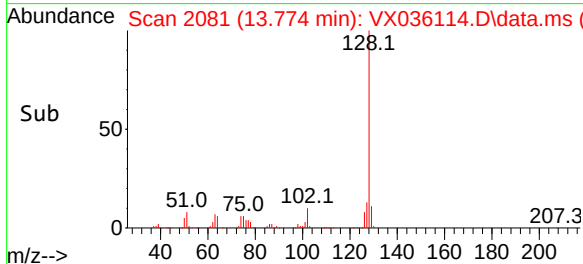
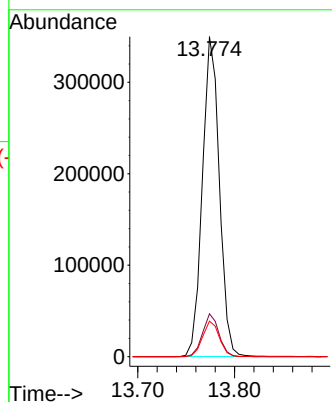
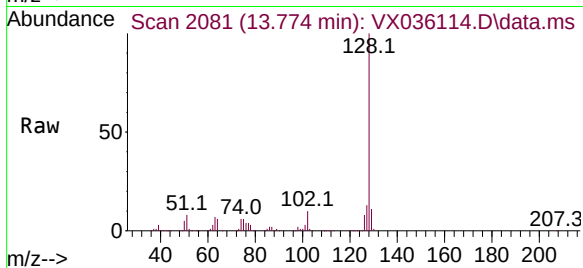
Tgt Ion:128 Resp: 427661

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 49.741 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX036114.D

Acq: 09 Jun 2023 17:25

Tgt Ion:180 Resp: 121498

Ion Ratio Lower Upper

180 100

182 96.4 75.4 113.2

145 37.2 29.4 44.0

