

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036020.D
 Acq On : 06 Jun 2023 09:45
 Operator : JC/MD
 Sample : VSTD01039
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010639

Quant Time: Jun 07 05:16:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:13:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	336492	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	301407	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	149304	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	21859	10.034	ug/L	0.00
7) Chloroethane-d5	1.672	69	15924	9.947	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	65	10825	10.174	ug/L	0.00
21) 2-Butanone-d5	4.471	46	35353	23.236	ug/L	0.00
24) Chloroform-d	5.056	84	45377	10.780	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	33452	11.914	ug/L	0.00
32) Benzene-d6	5.970	84	87696	10.090	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	27250	10.253	ug/L	0.00
41) Toluene-d8	8.647	98	81456	10.258	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	11840	9.960	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	22916	20.960	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	36934	11.067	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	28516	9.953	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	29047	11.036	ug/L	96
3) Chloromethane	1.294	50	27152	11.307	ug/L	99
5) Vinyl chloride	1.374	62	25724	10.601	ug/L	99
6) Bromomethane	1.618	94	13633	9.497	ug/L	97
8) Chloroethane	1.691	64	15242	11.074	ug/L	96
9) Trichlorofluoromethane	1.892	101	36931	11.081	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	22733	10.080	ug/L	99
12) 1,1-Dichloroethene	2.319	96	19625	9.670	ug/L	91
13) Acetone	2.398	43	35723	29.120	ug/L	99
14) Carbon disulfide	2.514	76	50096	9.750	ug/L	99
15) Methyl Acetate	2.709	43	26959	11.175	ug/L	98
16) Methylene chloride	2.788	84	23261	10.165	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	21496	10.184	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	74391	10.110	ug/L	98
19) 1,1-Dichloroethane	3.605	63	42605	10.356	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	24212	9.880	ug/L	92
22) 2-Butanone	4.568	43	41257	23.458	ug/L	99
23) Bromochloromethane	4.897	128	12854	10.633	ug/L	85
25) Chloroform	5.093	83	45319	10.671	ug/L	99
27) 1,2-Dichloroethane	6.086	62	38534	11.134	ug/L	100
29) Cyclohexane	5.464	56	37448	10.126	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	36720	10.177	ug/L	96
31) Carbon tetrachloride	5.672	117	29695	9.734	ug/L	98
33) Benzene	6.037	78	92392	10.066	ug/L	100
34) Trichloroethene	7.123	95	24267	9.890	ug/L	98
35) Methylcyclohexane	7.379	83	35854	10.653	ug/L	100
37) 1,2-Dichloropropane	7.427	63	23836	9.841	ug/L #	97
38) Bromodichloromethane	7.824	83	28941	9.897	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	33355	9.153	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	71209	21.678	ug/L	99
42) Toluene	8.714	91	94255	9.870	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	30139	9.062	ug/L	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036020.D
 Acq On : 06 Jun 2023 09:45
 Operator : JC/MD
 Sample : VSTD01039
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010639

Quant Time: Jun 07 05:16:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:13:54 2023
 Response via : Initial Calibration

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

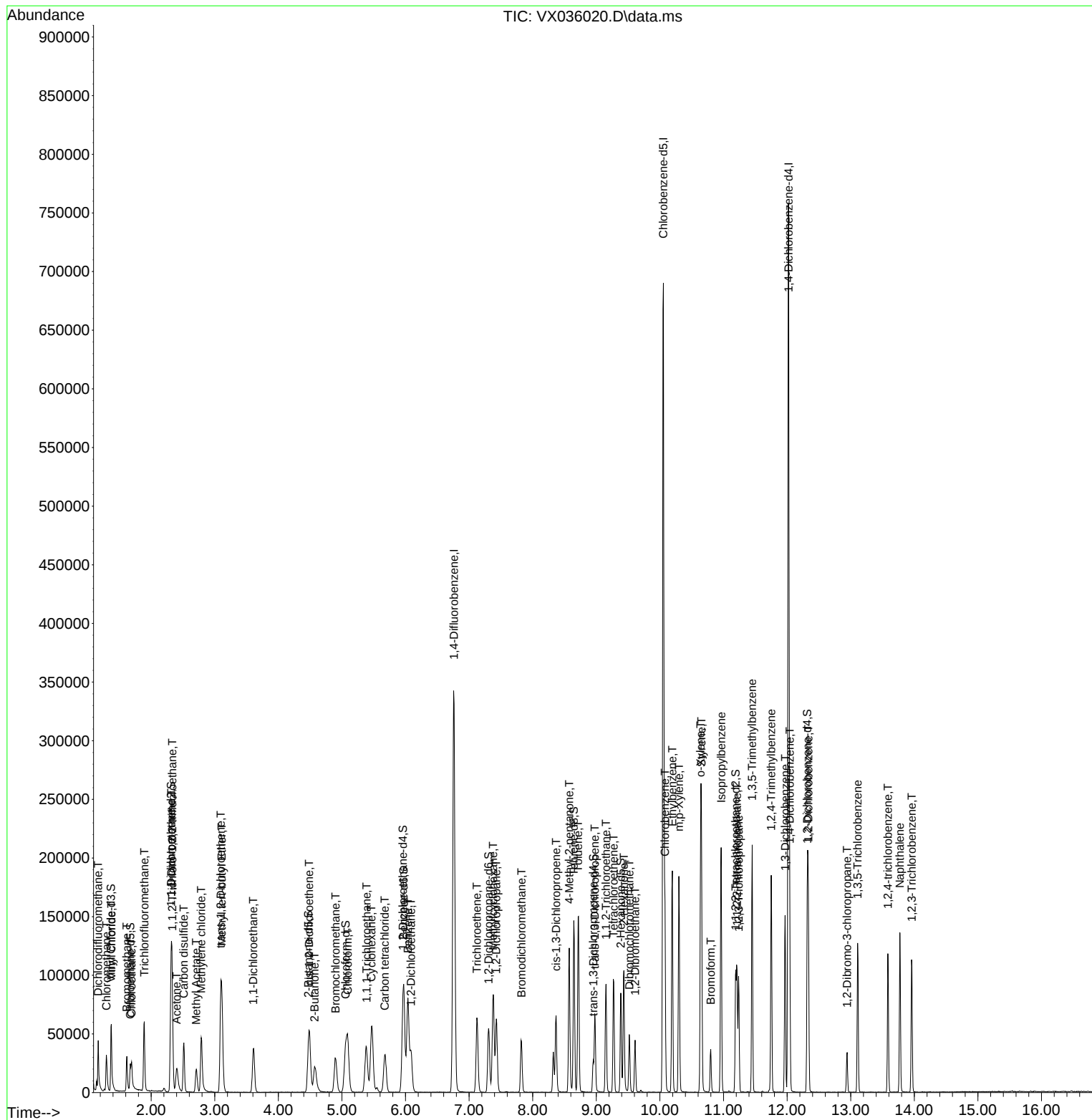
45) 1,1,2-Trichloroethane	9.153	97	23400	10.116	ug/L	96
46) Tetrachloroethene	9.275	164	16867	9.429	ug/L	99
48) 2-Hexanone	9.433	43	56506	22.561	ug/L	97
49) Dibromochloromethane	9.519	129	19809	9.026	ug/L	99
50) 1,2-Dibromoethane	9.610	107	23696	9.834	ug/L #	95
51) Chlorobenzene	10.079	112	62764	10.006	ug/L	97
52) Ethylbenzene	10.195	91	107662	10.119	ug/L	98
53) m,p-Xylene	10.299	106	40633	10.036	ug/L	97
54) o-Xylene	10.640	106	39150	9.823	ug/L	96
55) Styrene	10.652	104	66085	9.786	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	37887	10.990	ug/L	99
59) Bromoform	10.799	173	12310	8.130	ug/L	96
60) Isopropylbenzene	10.963	105	106134	10.381	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	31080	11.116	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	84505	10.032	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	79118	9.631	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	44801	9.713	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	47248	10.011	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	45822	9.826	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	6877	9.915	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	27625	9.690	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	23936	9.016	ug/L	99
71) Naphthalene	13.774	128	78910	8.516	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	24601	9.427	ug/L	99

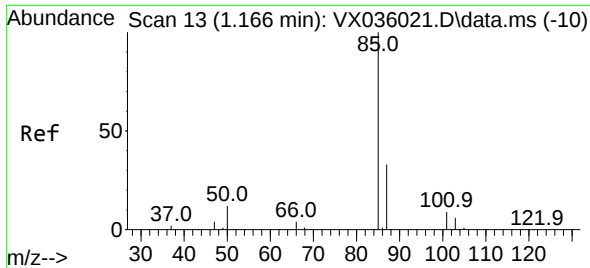
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
Data File : VX036020.D
Acq On : 06 Jun 2023 09:45
Operator : JC/MD
Sample : VSTD010639
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD010639

Quant Time: Jun 07 05:16:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 07 05:13:54 2023
Response via : Initial Calibration

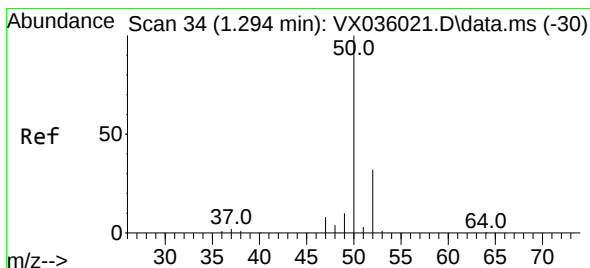
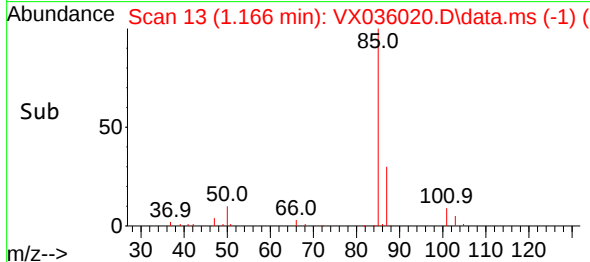
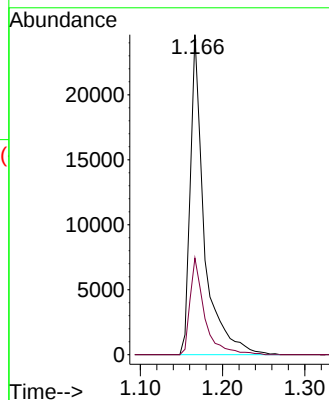
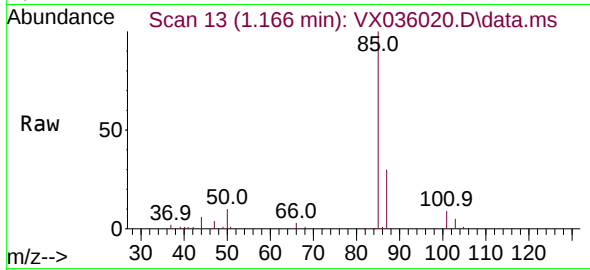




#2
Dichlorodifluoromethane
Concen: 11.036 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

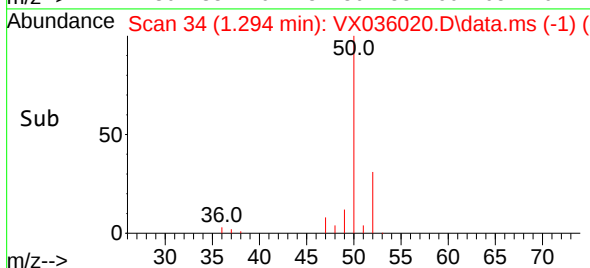
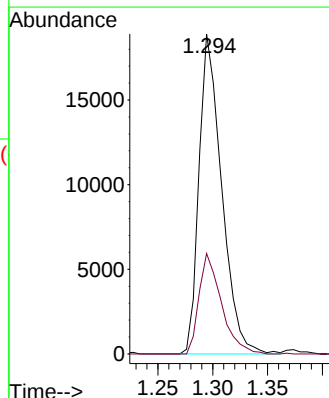
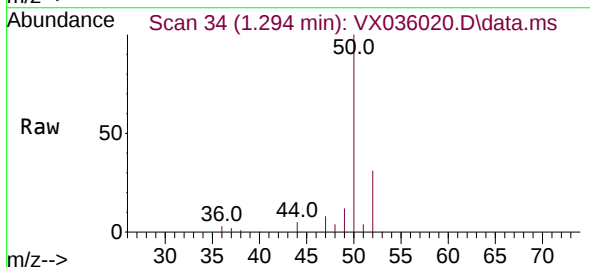
Instrument :
MSVOA_X
ClientSampleId :
VSTD010639

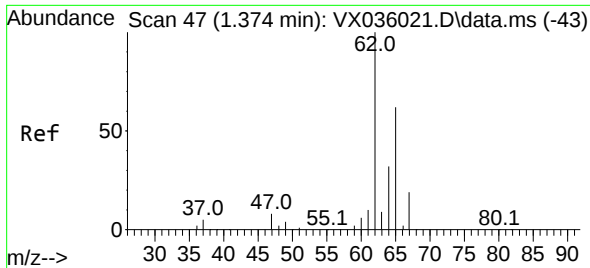
Tgt Ion: 85 Resp: 29047
Ion Ratio Lower Upper
85 100
87 30.8 26.4 39.6



#3
Chloromethane
Concen: 11.307 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

Tgt Ion: 50 Resp: 27152
Ion Ratio Lower Upper
50 100
52 31.4 22.5 41.9

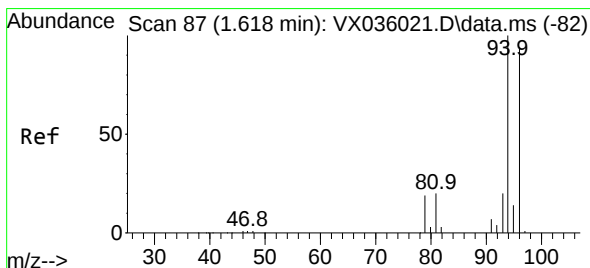
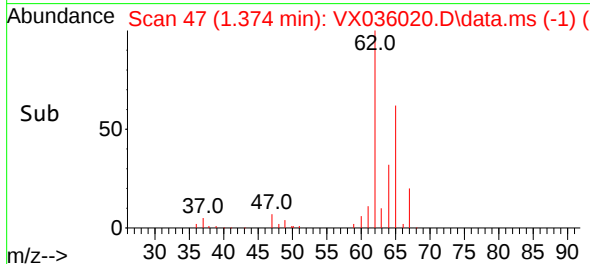
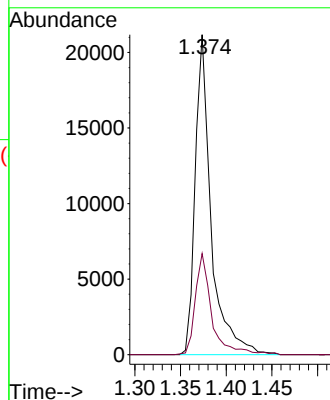
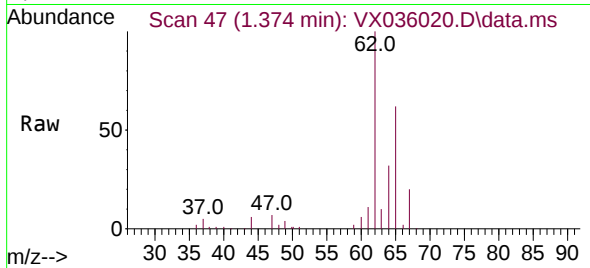




#5
 Vinyl chloride
 Concen: 10.601 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX036020.D
 Acq: 06 Jun 2023 09:45

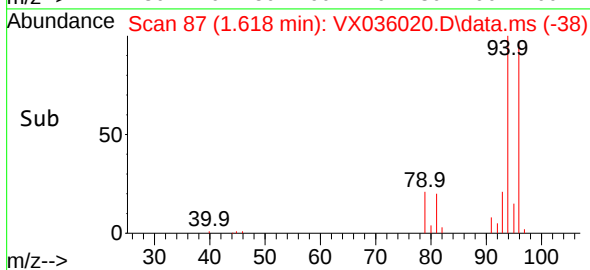
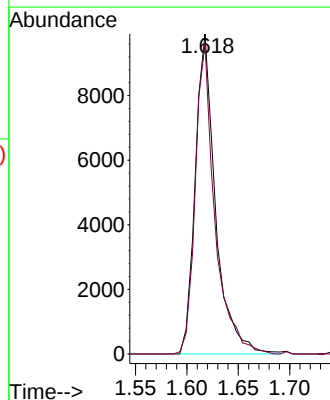
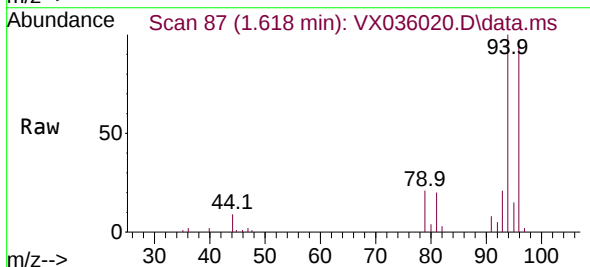
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010639

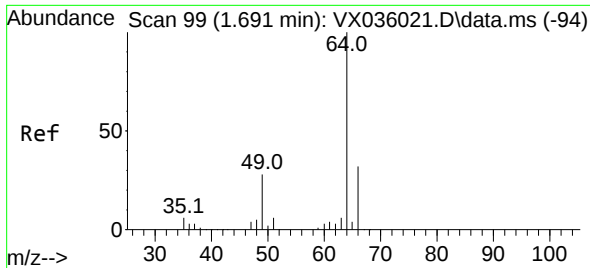
Tgt Ion: 62 Resp: 25724
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.7 42.1



#6
 Bromomethane
 Concen: 9.497 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX036020.D
 Acq: 06 Jun 2023 09:45

Tgt Ion: 94 Resp: 13633
 Ion Ratio Lower Upper
 94 100
 96 96.9 65.8 122.2

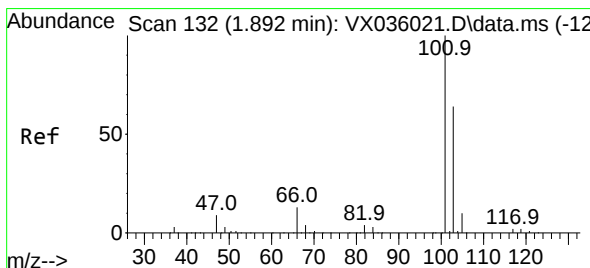
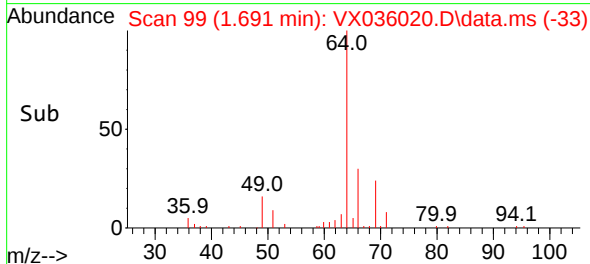
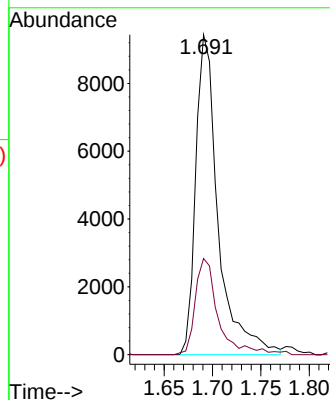
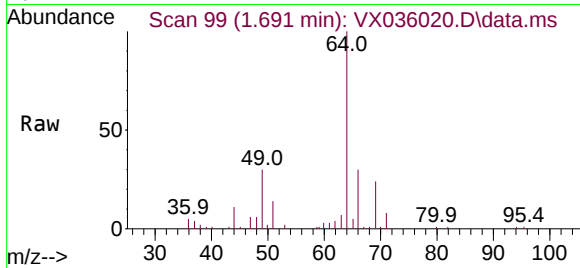




#8
Chloroethane
Concen: 11.074 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

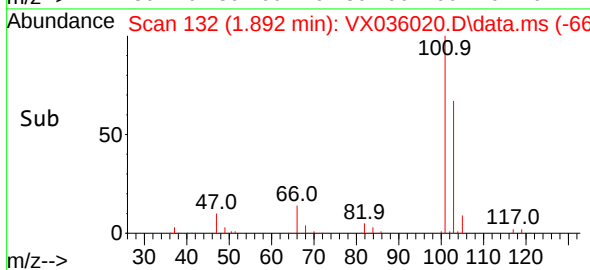
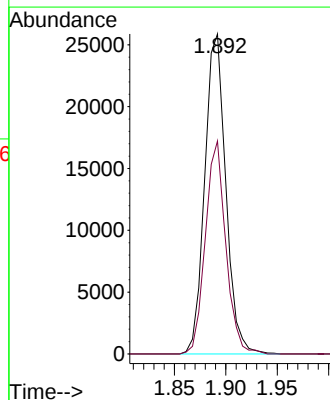
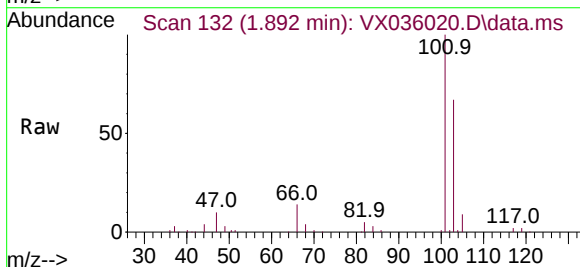
Instrument :
MSVOA_X
ClientSampleId :
VSTD010639

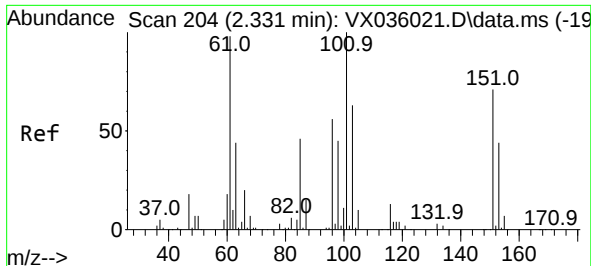
Tgt Ion: 64 Resp: 15242
Ion Ratio Lower Upper
64 100
66 30.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 11.081 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

Tgt Ion: 101 Resp: 36931
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0

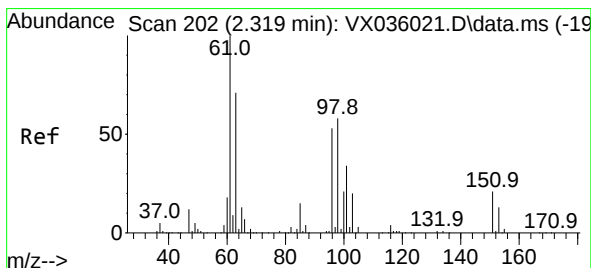
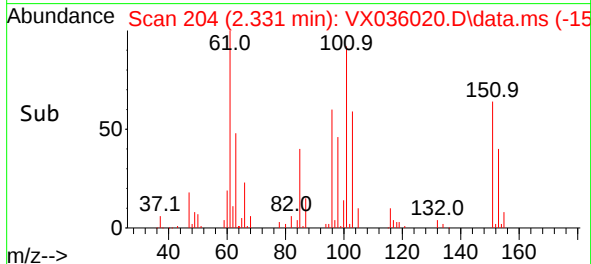
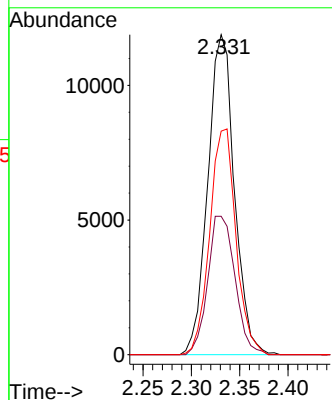
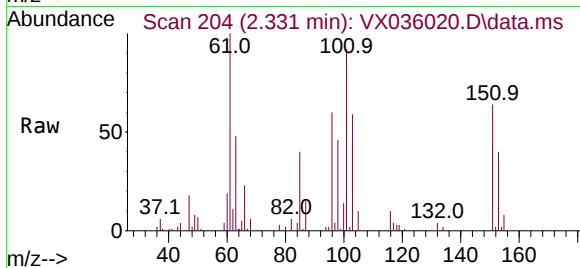




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.080 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX036020.D
 Acq: 06 Jun 2023 09:45

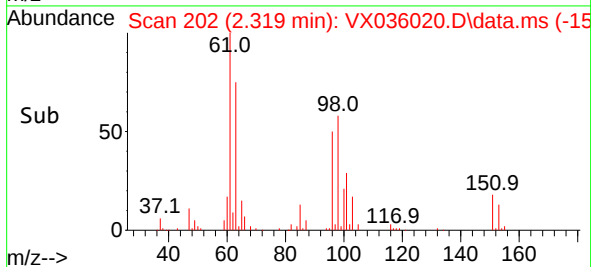
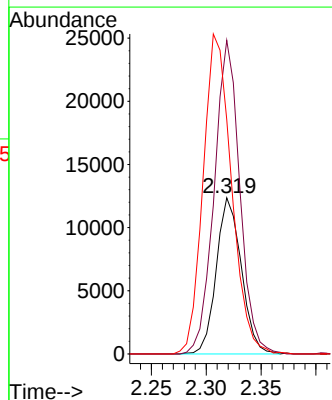
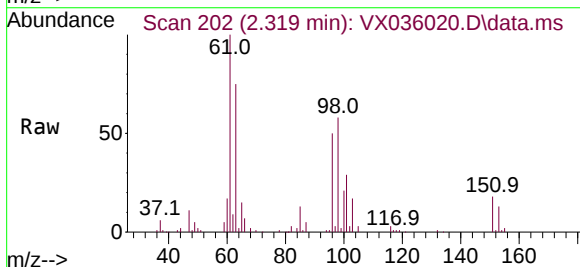
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010639

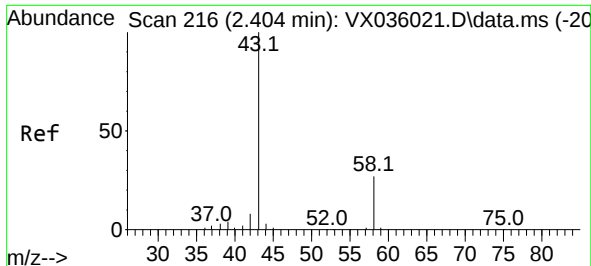
Tgt Ion:101 Resp: 22733
 Ion Ratio Lower Upper
 101 100
 85 44.4 36.6 55.0
 151 69.6 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 9.670 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX036020.D
 Acq: 06 Jun 2023 09:45

Tgt Ion: 96 Resp: 19625
 Ion Ratio Lower Upper
 96 100
 61 200.8 132.5 246.1
 63 149.9 95.1 176.7





#13

Acetone

Concen: 29.120 ug/L

RT: 2.398 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX036020.D

Acq: 06 Jun 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

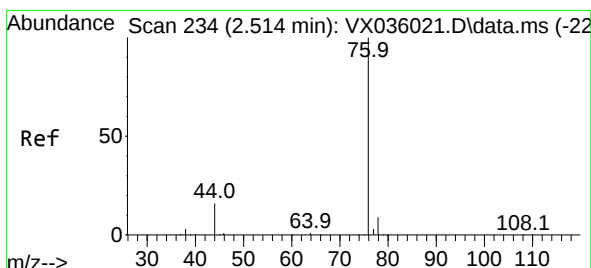
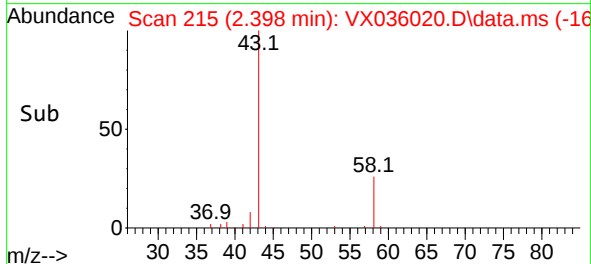
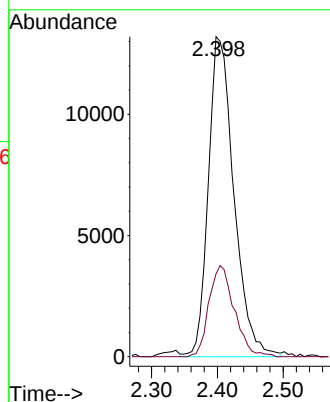
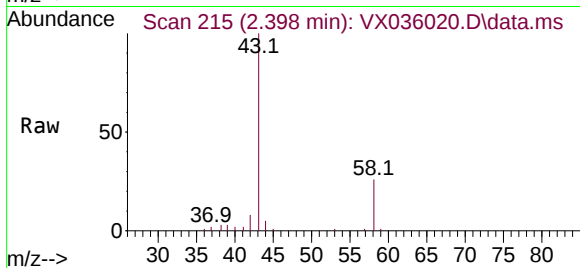
VSTD010639

Tgt Ion: 43 Resp: 35723

Ion Ratio Lower Upper

43 100

58 28.2 0.0 55.4



#14

Carbon disulfide

Concen: 9.750 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX036020.D

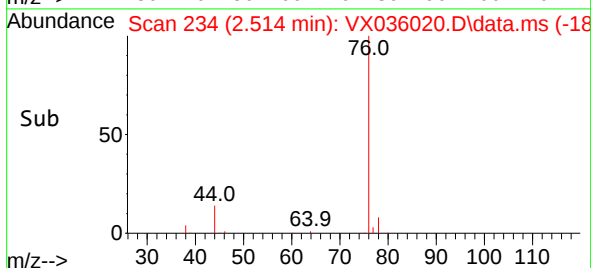
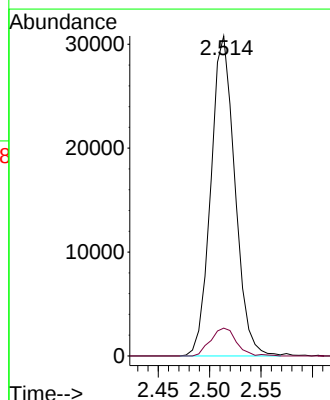
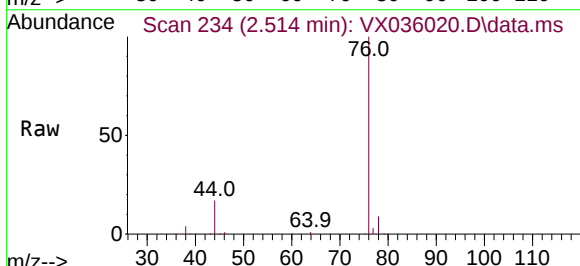
Acq: 06 Jun 2023 09:45

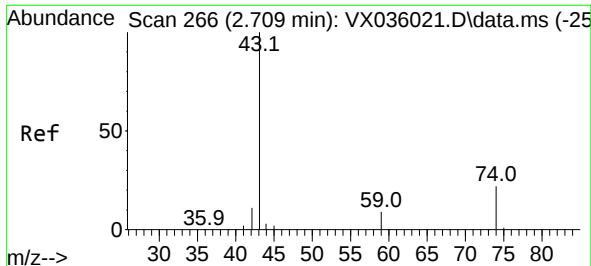
Tgt Ion: 76 Resp: 50096

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

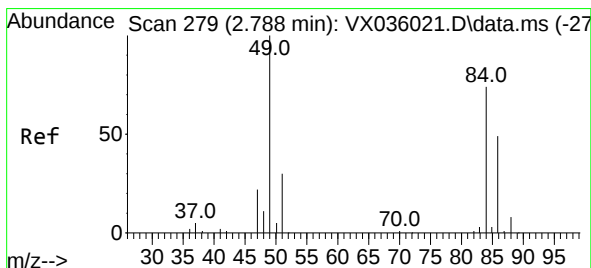
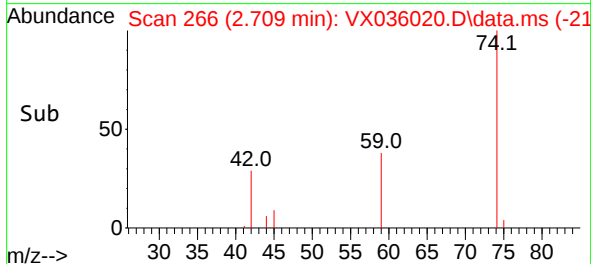
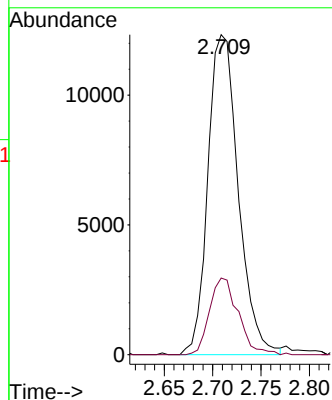
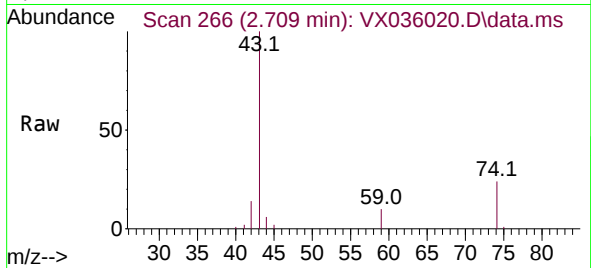




#15
Methyl Acetate
Concen: 11.175 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

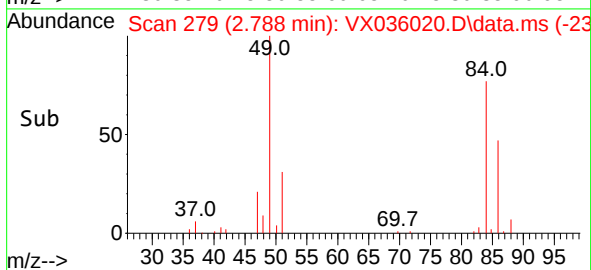
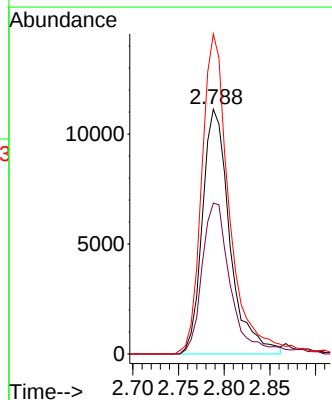
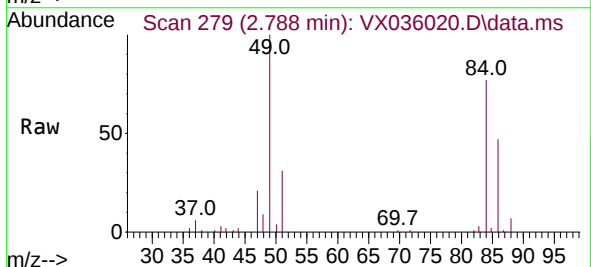
Instrument :
MSVOA_X
ClientSampleId :
VSTD010639

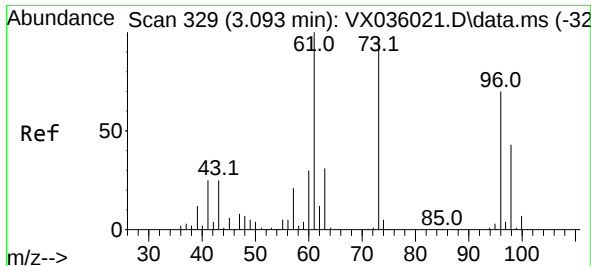
Tgt Ion: 43 Resp: 26959
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.2



#16
Methylene chloride
Concen: 10.165 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

Tgt Ion: 84 Resp: 23261
Ion Ratio Lower Upper
84 100
86 61.6 46.5 86.5
49 130.7 95.1 176.5

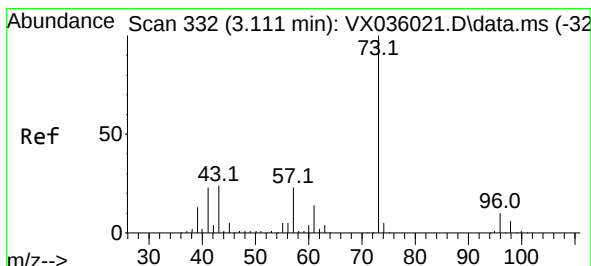
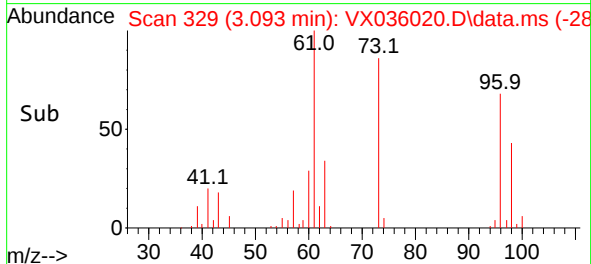
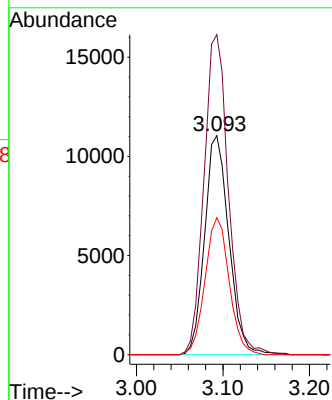
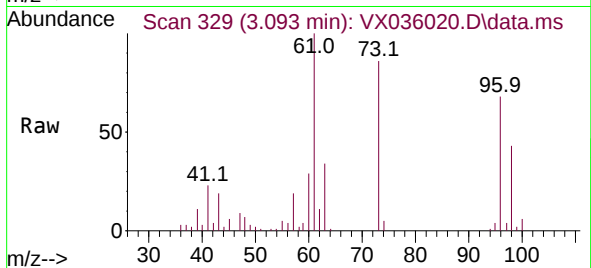




#17
trans-1,2-Dichloroethene
Concen: 10.184 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

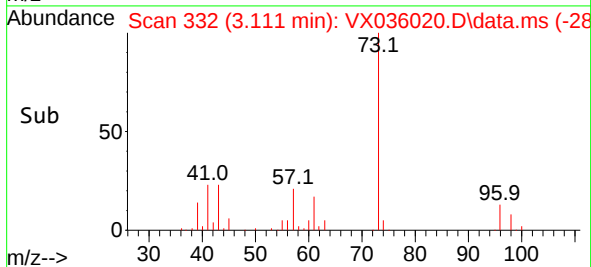
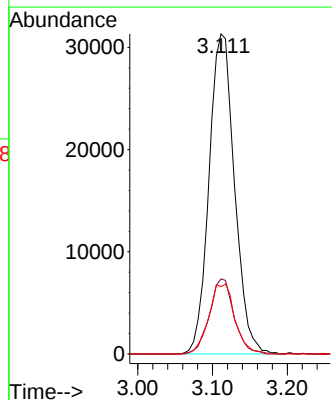
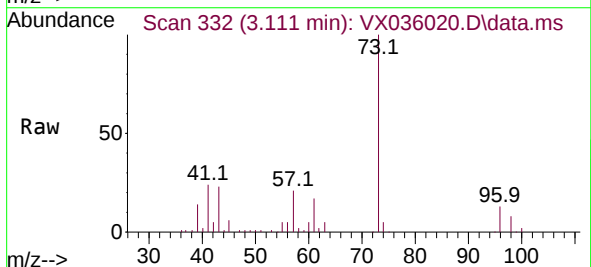
Instrument :
MSVOA_X
ClientSampleId :
VSTD010639

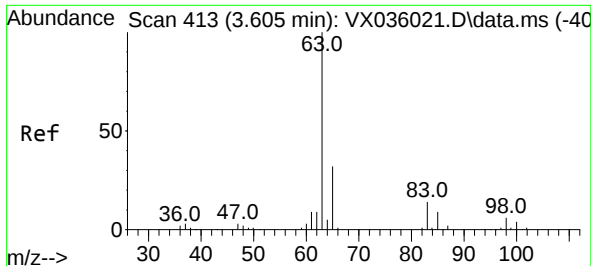
Tgt Ion: 96 Resp: 21496
Ion Ratio Lower Upper
96 100
61 146.1 100.7 187.1
98 62.5 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 10.110 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

Tgt Ion: 73 Resp: 74391
Ion Ratio Lower Upper
73 100
43 22.7 19.4 29.0
57 22.3 17.5 26.3





#19

1,1-Dichloroethane

Concen: 10.356 ug/L

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX036020.D

Acq: 06 Jun 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTD010639

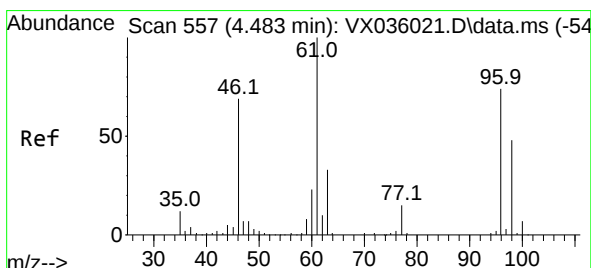
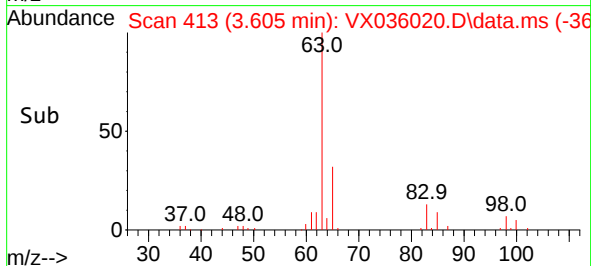
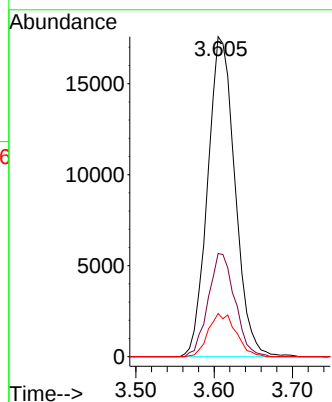
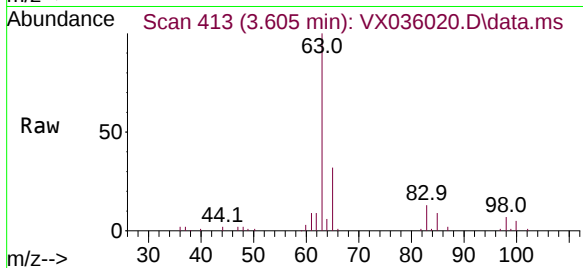
Tgt Ion: 63 Resp: 42605

Ion Ratio Lower Upper

63 100

65 32.2 22.6 42.0

83 13.5 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 9.880 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX036020.D

Acq: 06 Jun 2023 09:45

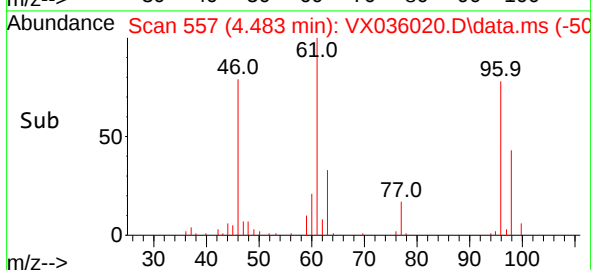
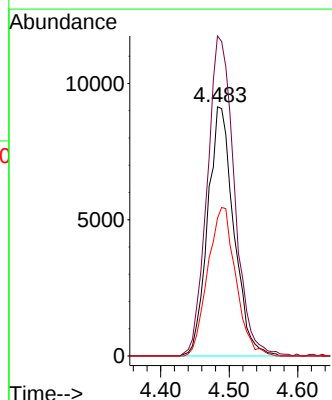
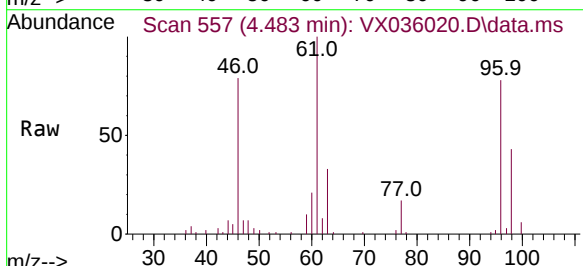
Tgt Ion: 96 Resp: 24212

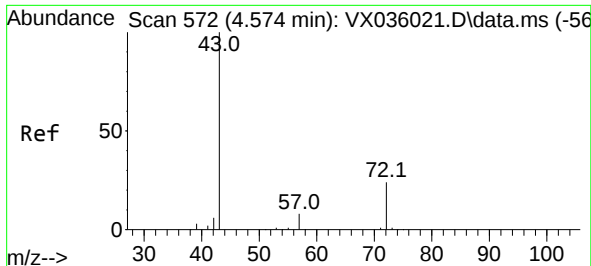
Ion Ratio Lower Upper

96 100

61 128.4 94.7 175.9

98 55.2 45.4 84.4

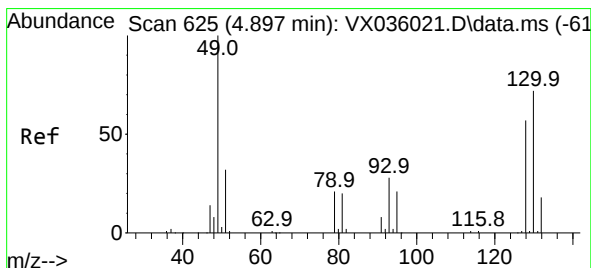
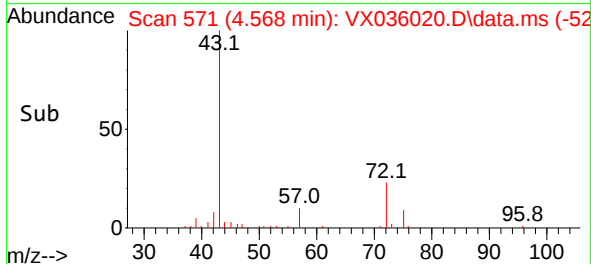
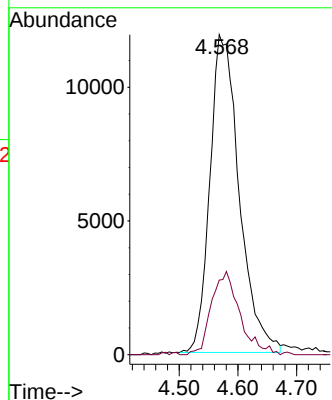
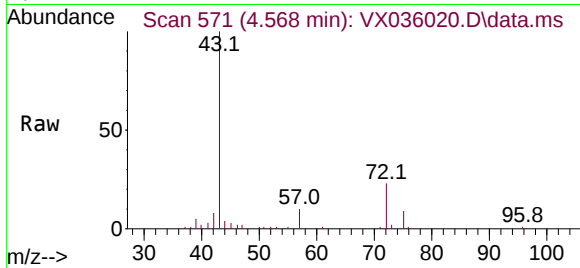




#22
2-Butanone
Concen: 23.458 ug/L
RT: 4.568 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

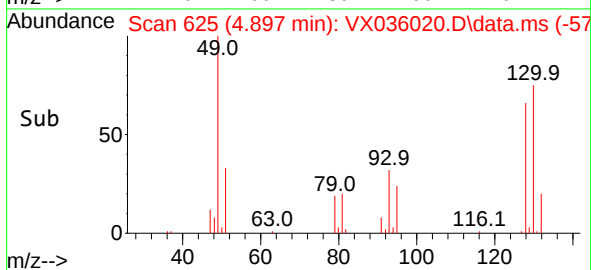
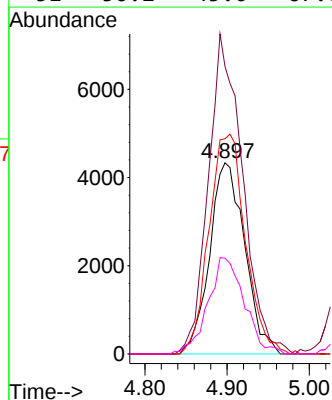
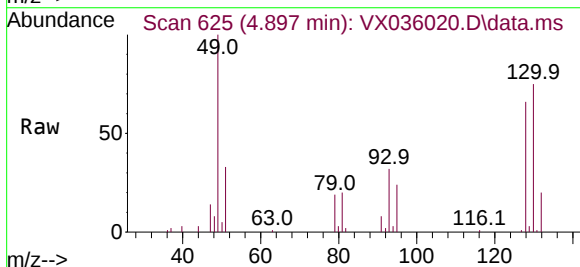
Instrument :
MSVOA_X
ClientSampleId :
VSTD010639

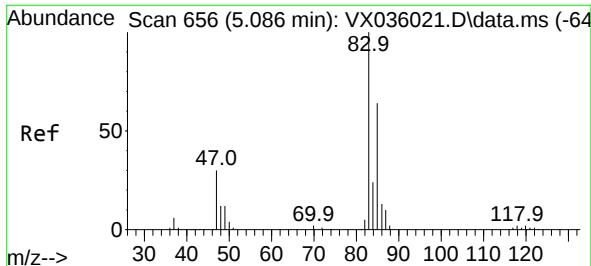
Tgt Ion: 43 Resp: 41257
Ion Ratio Lower Upper
43 100
72 23.5 12.0 36.1



#23
Bromochloromethane
Concen: 10.633 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

Tgt Ion: 128 Resp: 12854
Ion Ratio Lower Upper
128 100
49 150.4 123.9 230.1
130 112.6 88.3 164.1
51 50.2 45.0 67.6

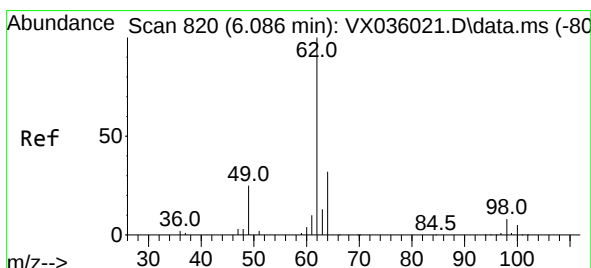
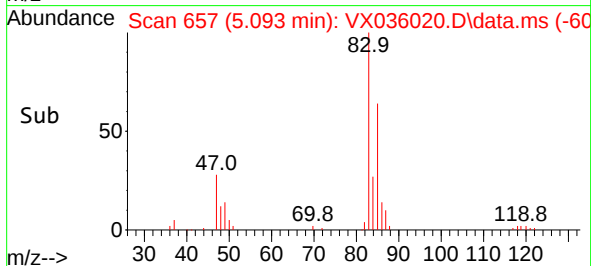
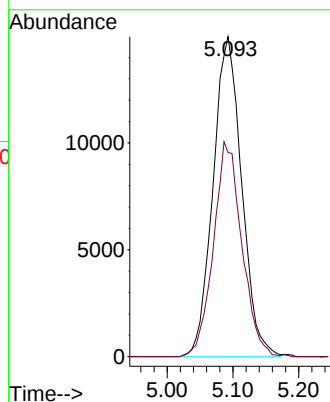
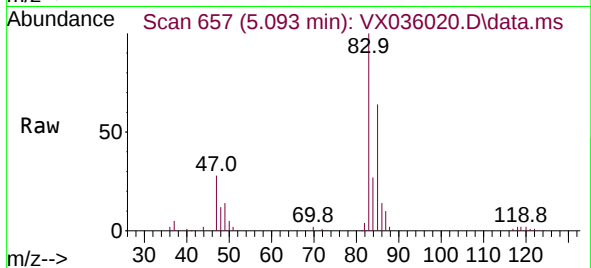




#25
Chloroform
Concen: 10.671 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

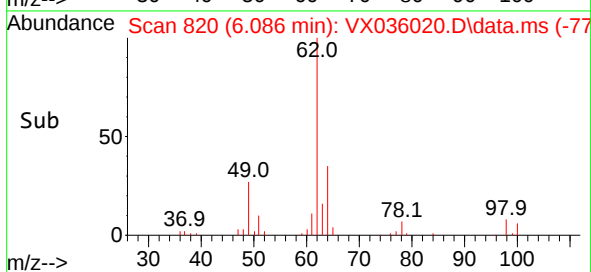
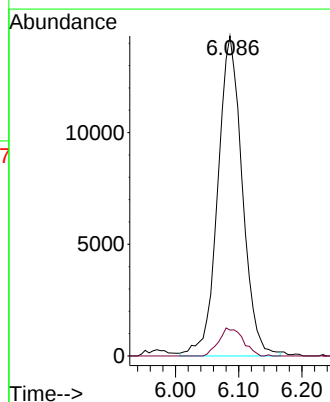
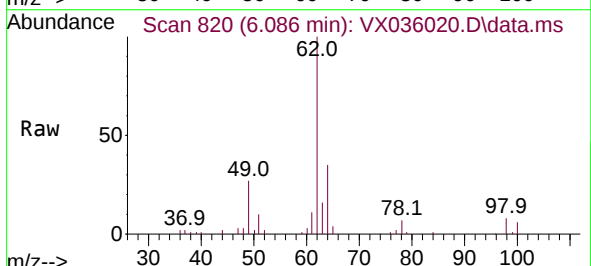
Instrument :
MSVOA_X
ClientSampleId :
VSTD010639

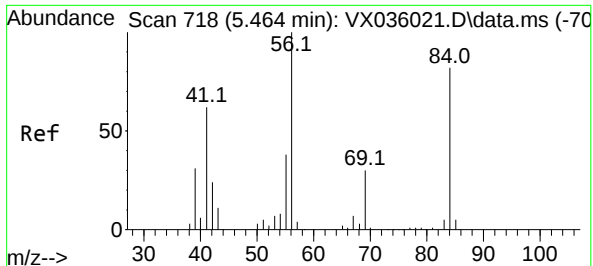
Tgt Ion: 83 Resp: 45319
Ion Ratio Lower Upper
83 100
85 63.8 45.0 83.6



#27
1,2-Dichloroethane
Concen: 11.134 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

Tgt Ion: 62 Resp: 38534
Ion Ratio Lower Upper
62 100
98 8.1 6.4 9.6





#29

Cyclohexane

Concen: 10.126 ug/L

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX036020.D

Acq: 06 Jun 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTD010639

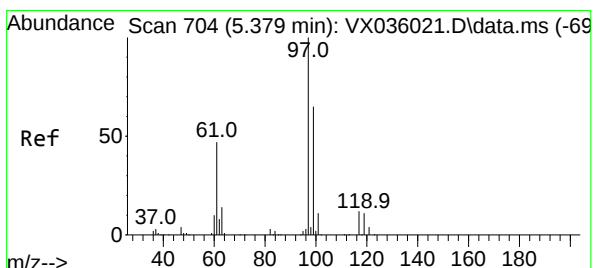
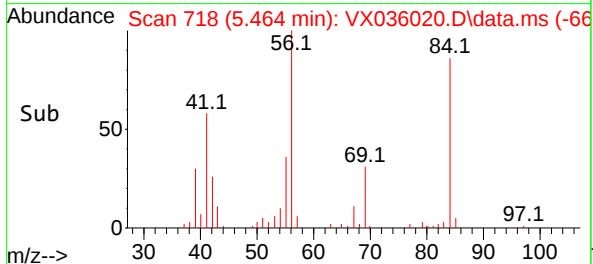
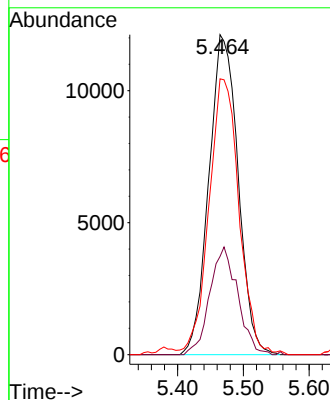
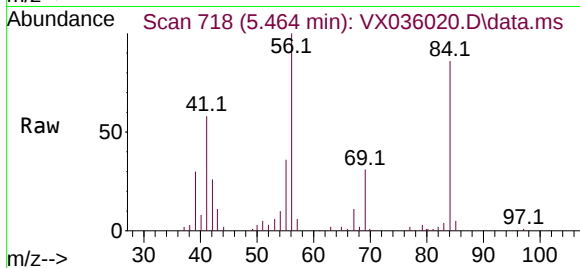
Tgt Ion: 56 Resp: 37448

Ion Ratio Lower Upper

56 100

69 32.2 24.3 36.5

84 88.6 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 10.177 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX036020.D

Acq: 06 Jun 2023 09:45

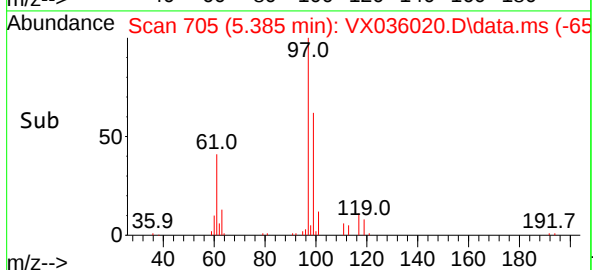
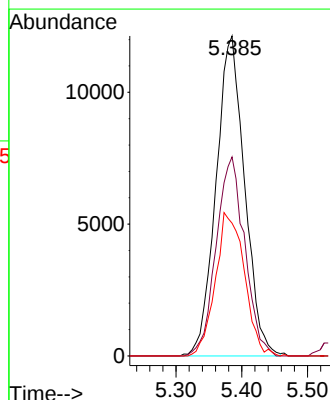
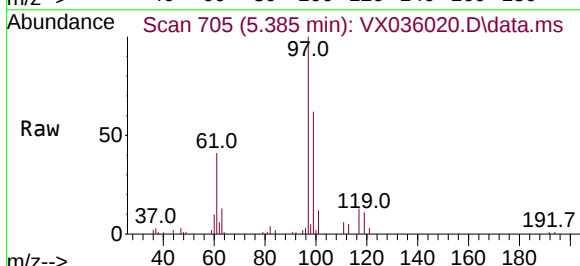
Tgt Ion: 97 Resp: 36720

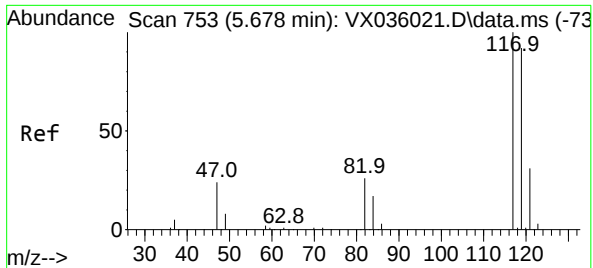
Ion Ratio Lower Upper

97 100

99 62.1 51.9 77.9

61 44.9 38.0 57.0

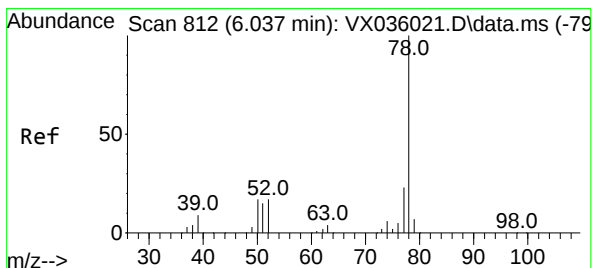
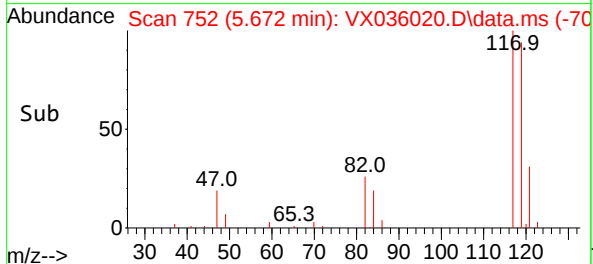
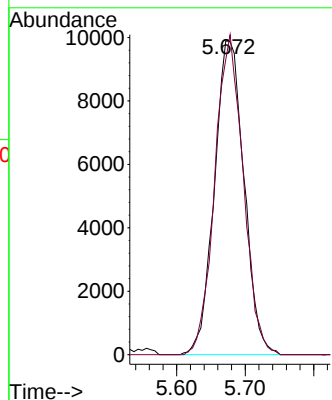
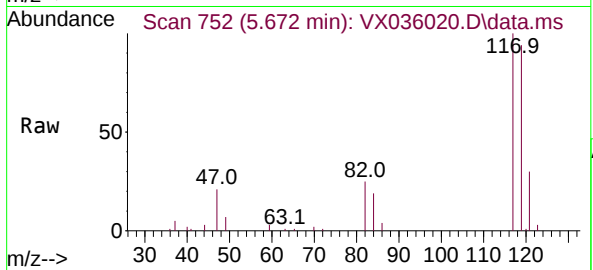




#31
Carbon tetrachloride
Concen: 9.734 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

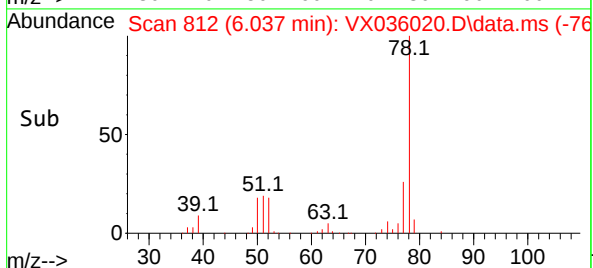
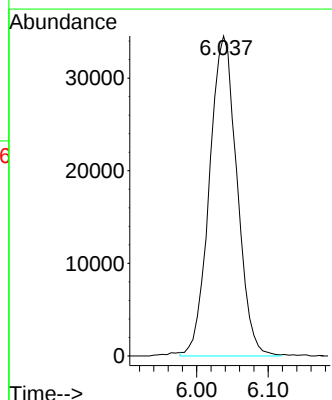
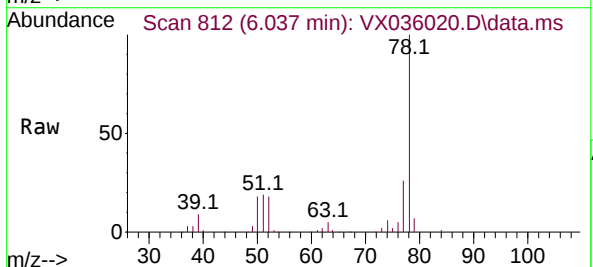
Instrument :
MSVOA_X
ClientSampleId :
VSTD010639

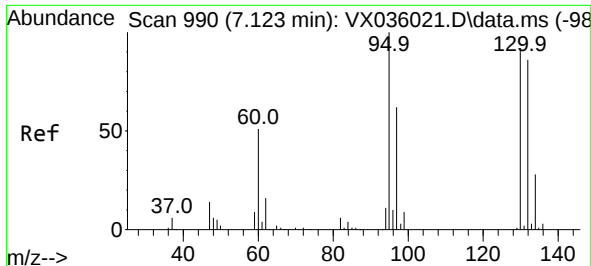
Tgt Ion:117 Resp: 29695
Ion Ratio Lower Upper
117 100
119 97.7 76.9 115.3



#33
Benzene
Concen: 10.066 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

Tgt Ion: 78 Resp: 92392



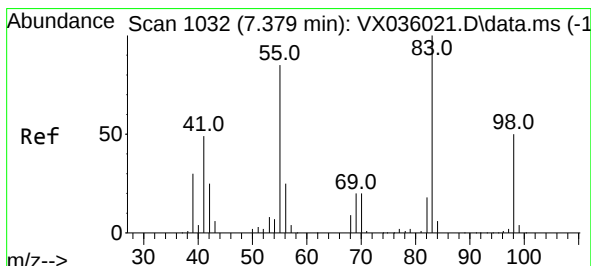
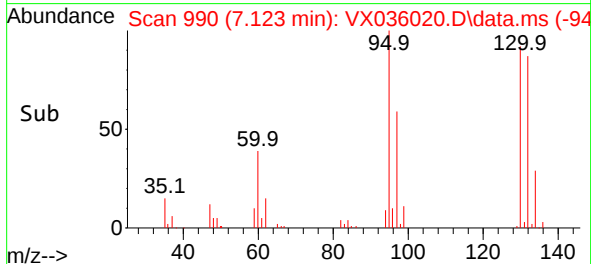
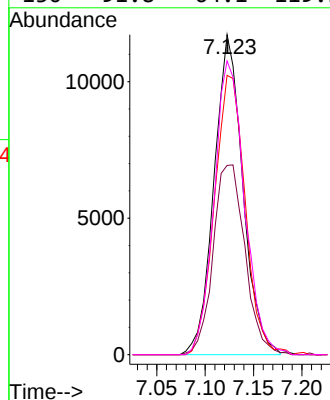
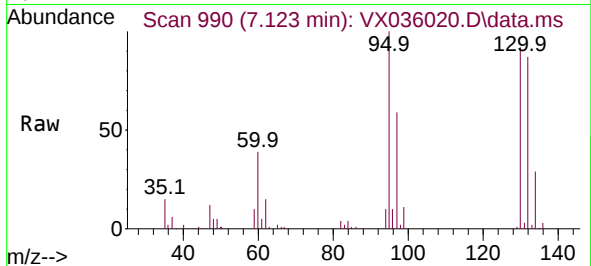


#34
Trichloroethene
Concen: 9.890 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTD010639

Tgt Ion: 95 Resp: 24267

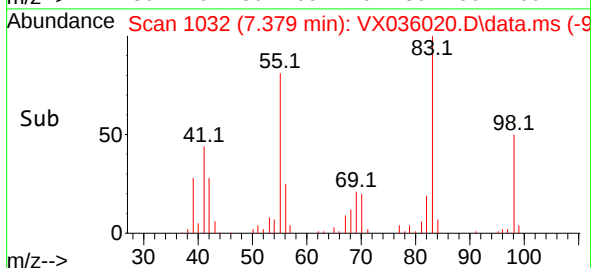
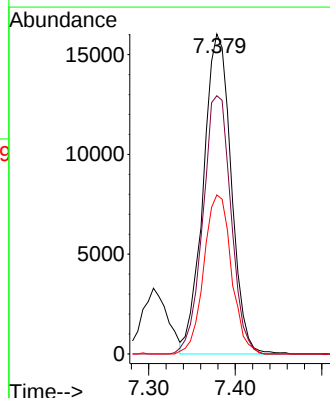
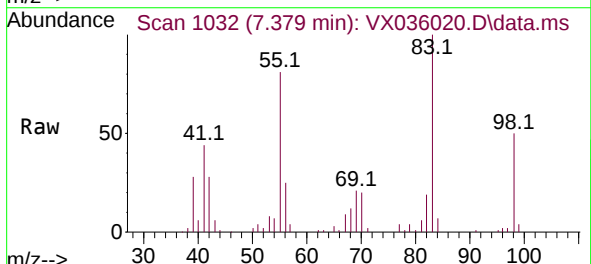
Ion	Ratio	Lower	Upper
95	100		
97	59.1	43.6	81.0
132	87.3	59.9	111.3
130	91.8	64.1	119.1

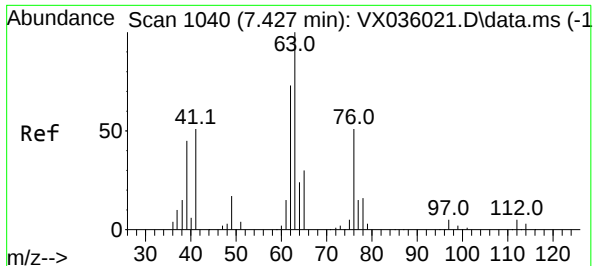


#35
Methylcyclohexane
Concen: 10.653 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

Tgt Ion: 83 Resp: 35854

Ion	Ratio	Lower	Upper
83	100		
55	81.3	65.4	98.2
98	49.1	39.0	58.6





#37

1,2-Dichloropropane

Concen: 9.841 ug/L

RT: 7.427 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX036020.D

Acq: 06 Jun 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

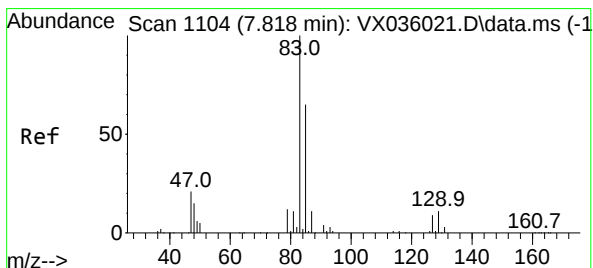
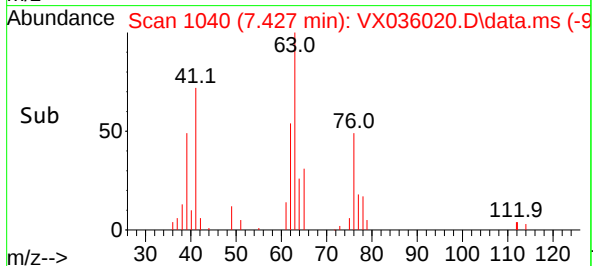
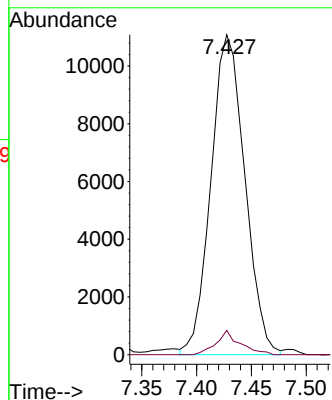
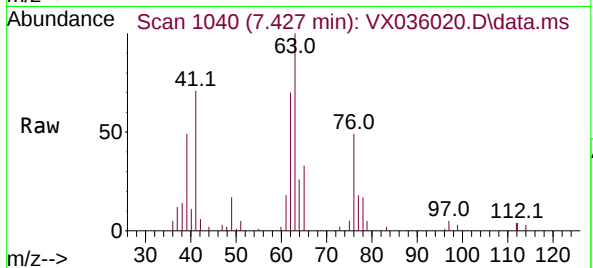
VSTD010639

Tgt Ion: 63 Resp: 23836

Ion Ratio Lower Upper

63 100

112 5.3 3.5 5.3#



#38

Bromodichloromethane

Concen: 9.897 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX036020.D

Acq: 06 Jun 2023 09:45

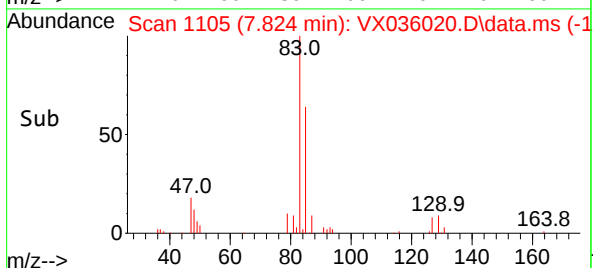
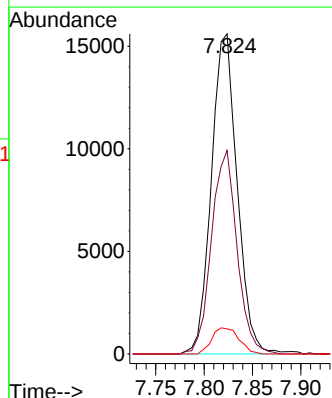
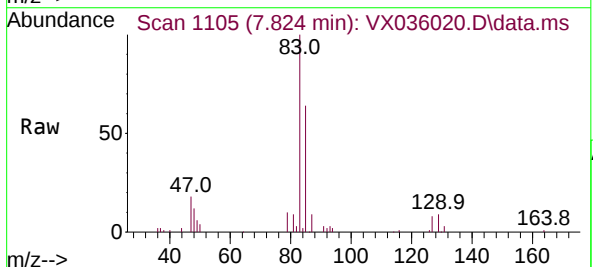
Tgt Ion: 83 Resp: 28941

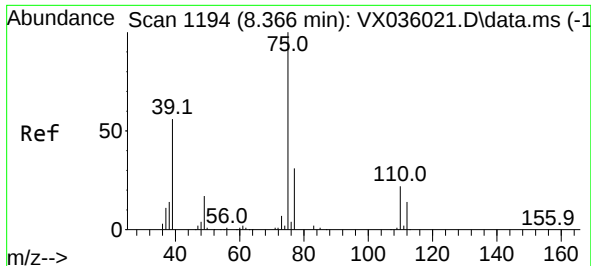
Ion Ratio Lower Upper

83 100

85 63.6 45.3 84.1

127 7.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 9.153 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036020.D

Acq: 06 Jun 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

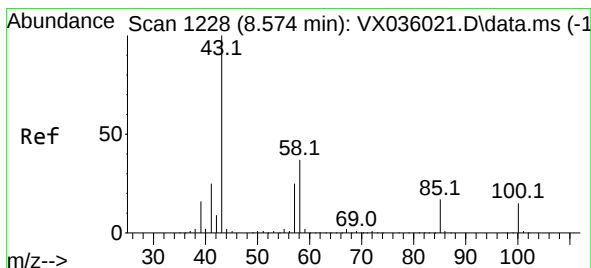
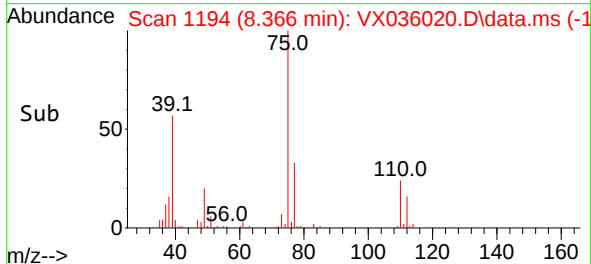
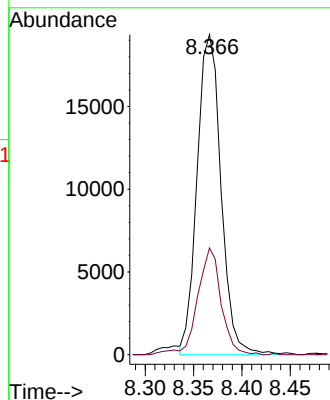
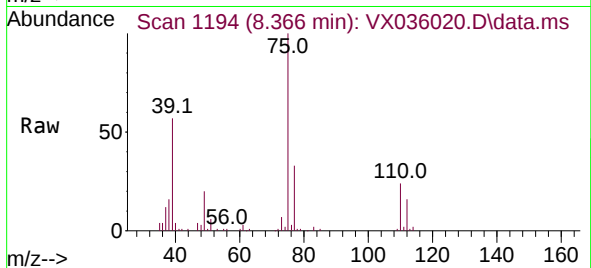
VSTD010639

Tgt Ion: 75 Resp: 33355

Ion Ratio Lower Upper

75 100

77 33.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 21.678 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX036020.D

Acq: 06 Jun 2023 09:45

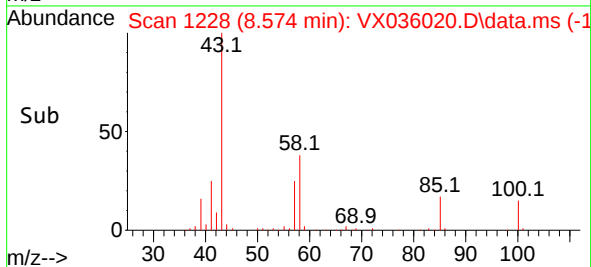
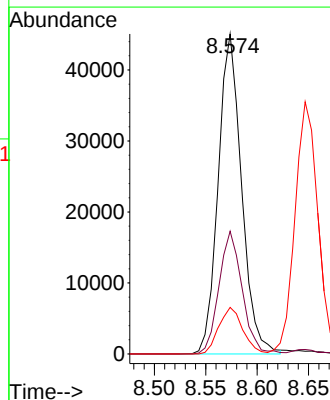
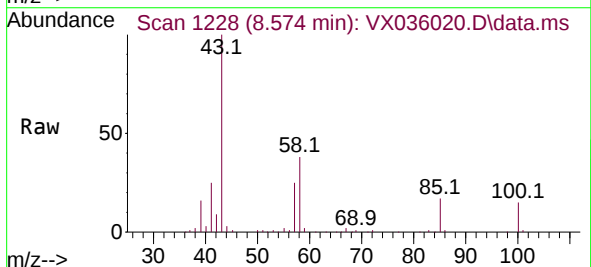
Tgt Ion: 43 Resp: 71209

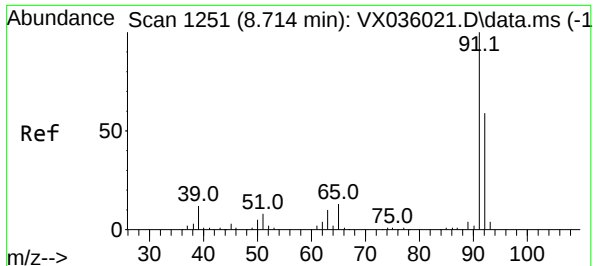
Ion Ratio Lower Upper

43 100

58 37.6 29.4 44.2

100 15.0 11.8 17.6





#42

Toluene

Concen: 9.870 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX036020.D

Acq: 06 Jun 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

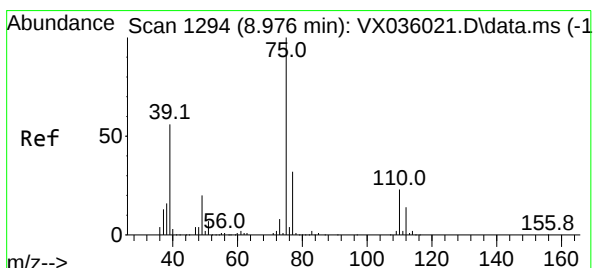
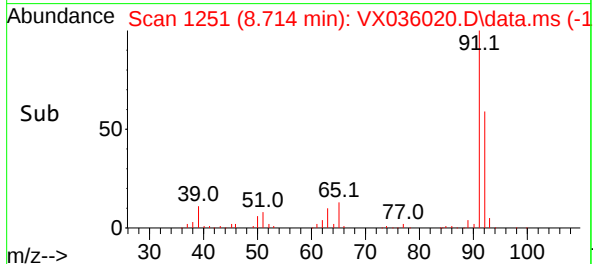
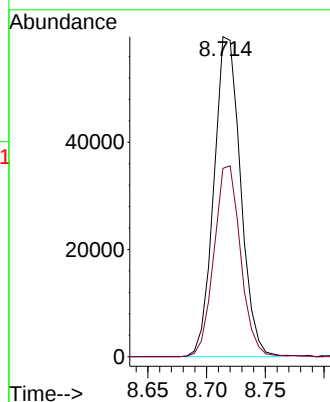
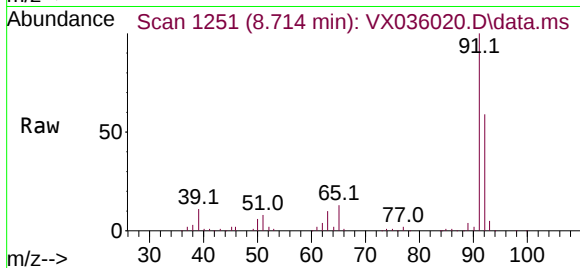
VSTD010639

Tgt Ion: 91 Resp: 94255

Ion Ratio Lower Upper

91 100

92 58.9 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 9.062 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX036020.D

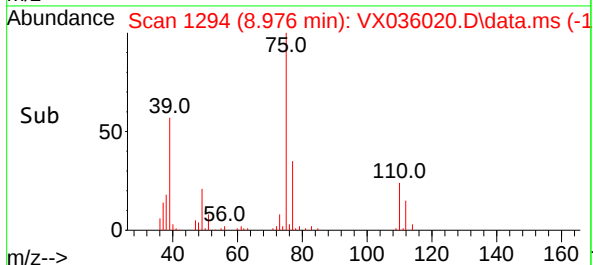
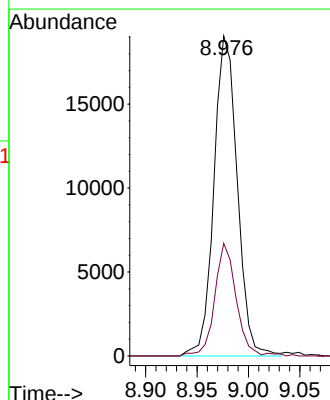
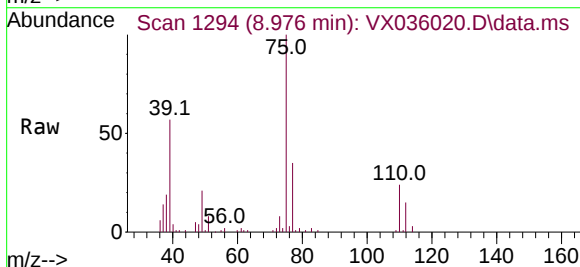
Acq: 06 Jun 2023 09:45

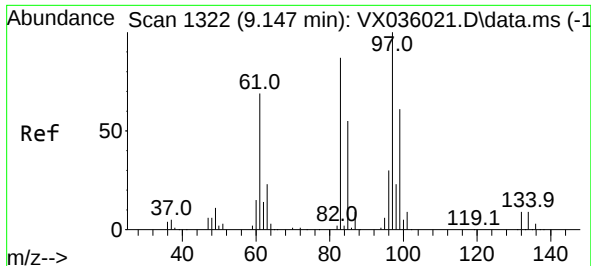
Tgt Ion: 75 Resp: 30139

Ion Ratio Lower Upper

75 100

77 35.2 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 10.116 ug/L

RT: 9.153 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036020.D

Acq: 06 Jun 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTD010639

Tgt Ion: 97 Resp: 23400

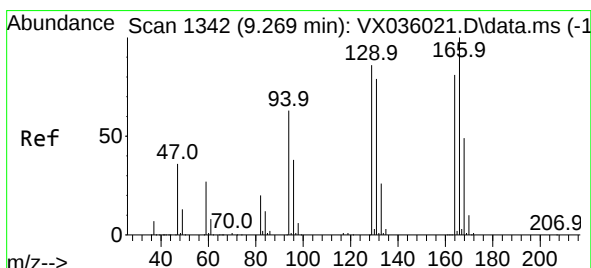
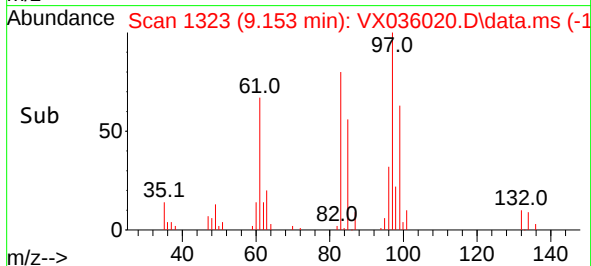
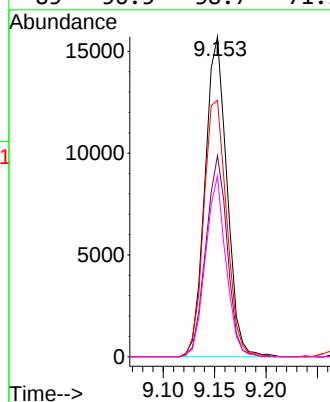
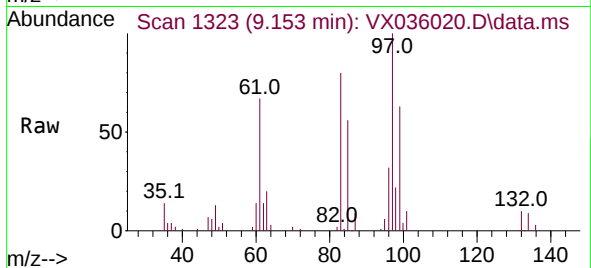
Ion Ratio Lower Upper

97 100

99 62.8 42.9 79.7

83 80.2 61.0 113.2

85 56.5 38.7 71.9



#46

Tetrachloroethene

Concen: 9.429 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX036020.D

Acq: 06 Jun 2023 09:45

Tgt Ion: 164 Resp: 16867

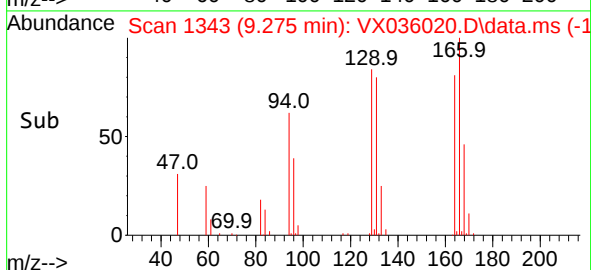
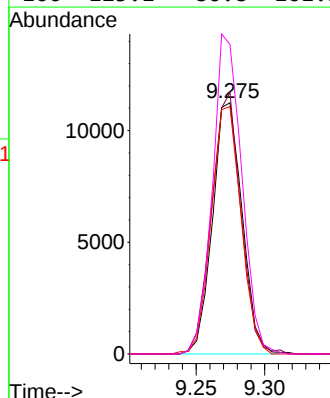
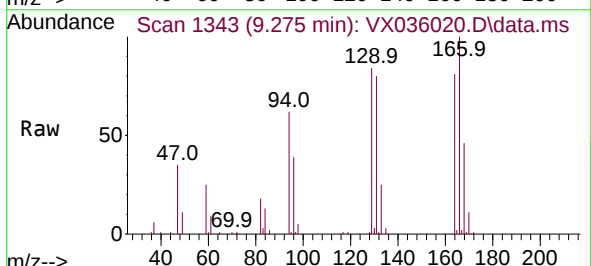
Ion Ratio Lower Upper

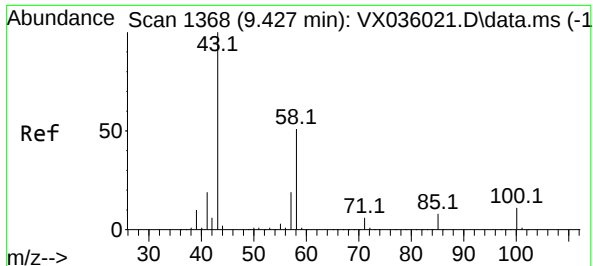
164 100

129 104.0 74.8 139.0

131 98.5 68.9 127.9

166 123.1 86.8 161.2





#48

2-Hexanone

Concen: 22.561 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX036020.D

Acq: 06 Jun 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTD010639

Tgt Ion: 43 Resp: 56506

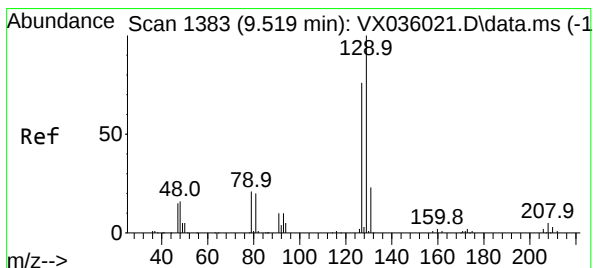
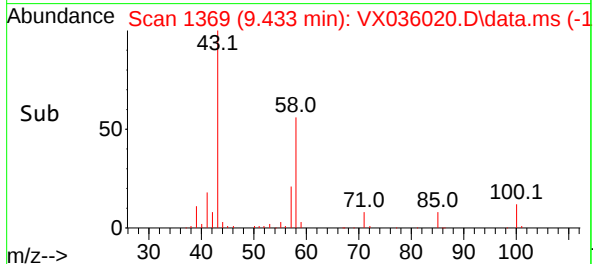
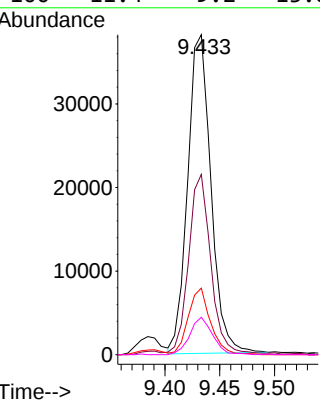
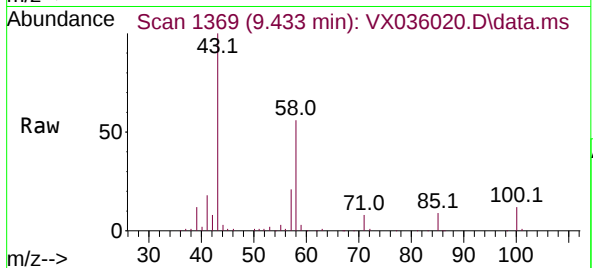
Ion Ratio Lower Upper

43 100

58 54.1 41.0 61.6

57 20.0 15.2 22.8

100 11.4 9.2 13.8



#49

Dibromochloromethane

Concen: 9.026 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX036020.D

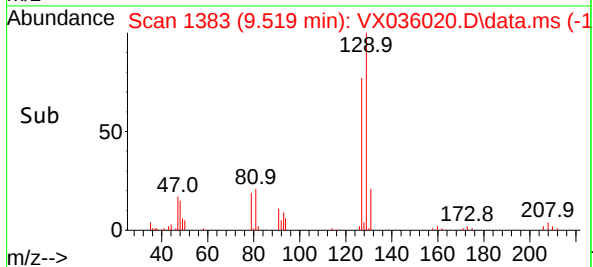
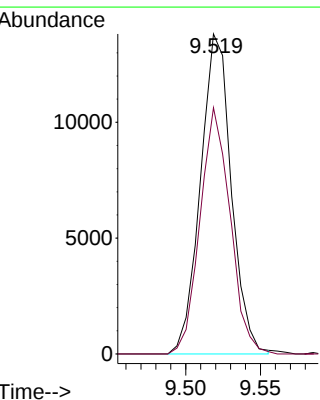
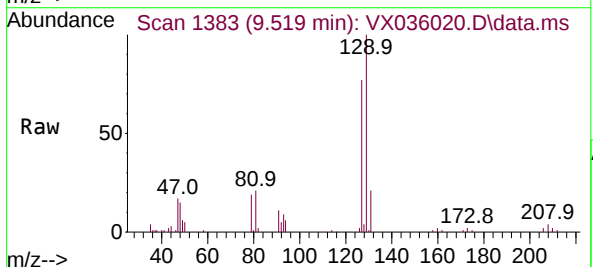
Acq: 06 Jun 2023 09:45

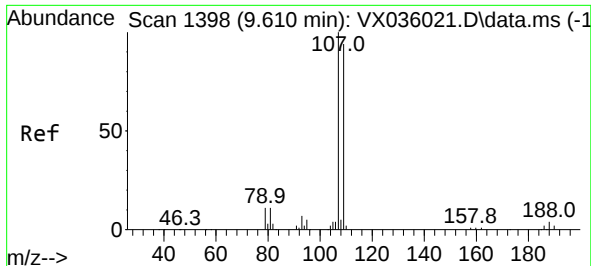
Tgt Ion: 129 Resp: 19809

Ion Ratio Lower Upper

129 100

127 76.9 53.3 98.9





#50

1,2-Dibromoethane

Concen: 9.834 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX036020.D

Acq: 06 Jun 2023 09:45

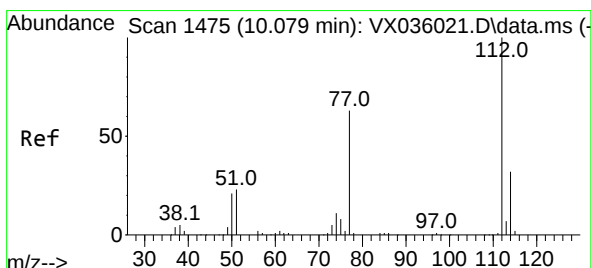
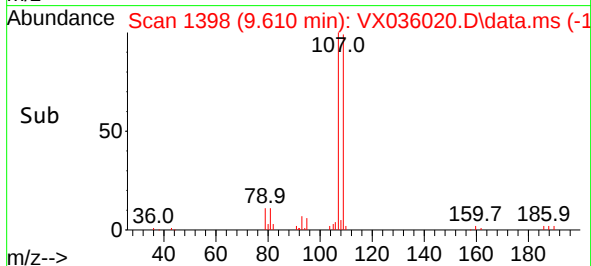
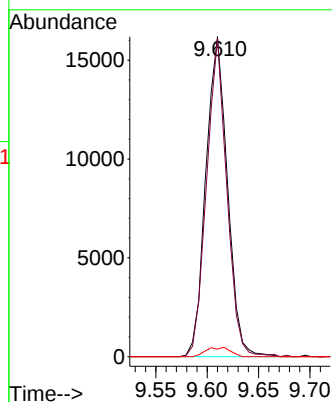
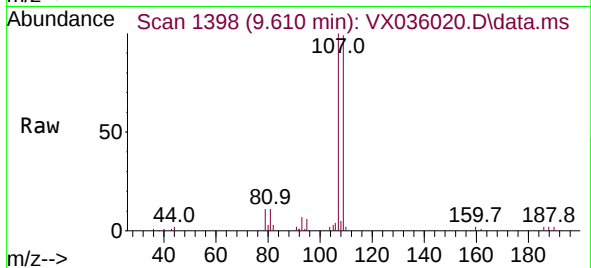
Instrument :

MSVOA_X

ClientSampleId :

VSTD010639

Tgt Ion:107	Resp:	23696
Ion	Ratio	Lower Upper
107	100	
109	99.5	66.1 122.8
188	2.4	2.9 4.3#



#51

Chlorobenzene

Concen: 10.006 ug/L

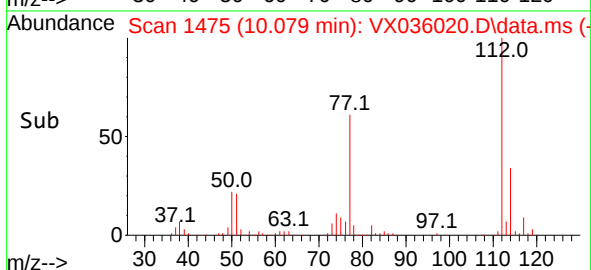
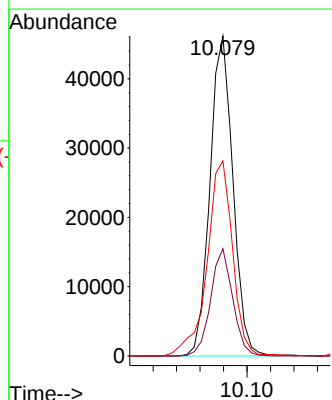
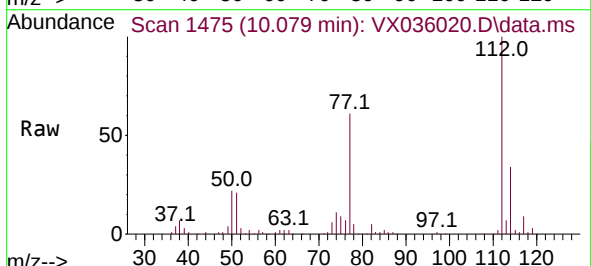
RT: 10.079 min Scan# 1475

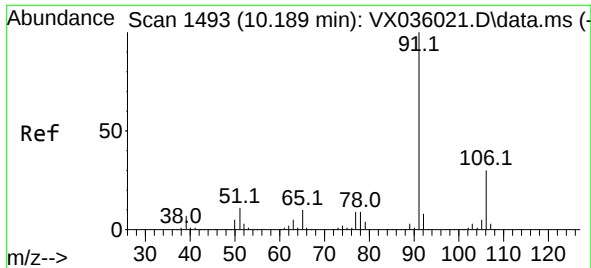
Delta R.T. -0.000 min

Lab File: VX036020.D

Acq: 06 Jun 2023 09:45

Tgt Ion:112	Resp:	62764
Ion	Ratio	Lower Upper
112	100	
114	33.5	22.7 42.3
77	60.9	50.6 75.8





#52

Ethylbenzene

Concen: 10.119 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX036020.D

Acq: 06 Jun 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

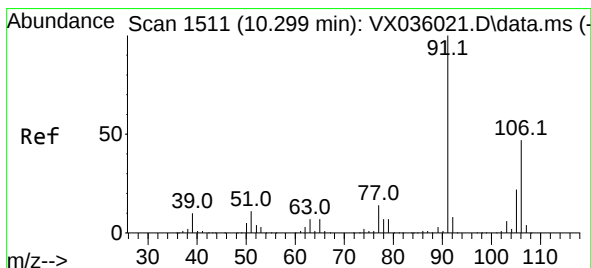
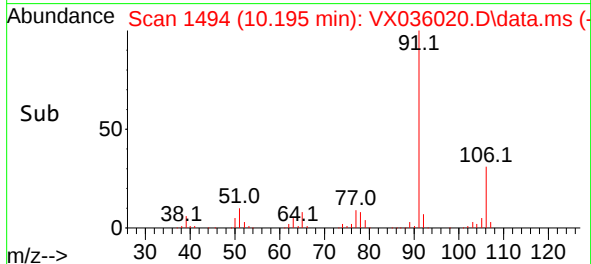
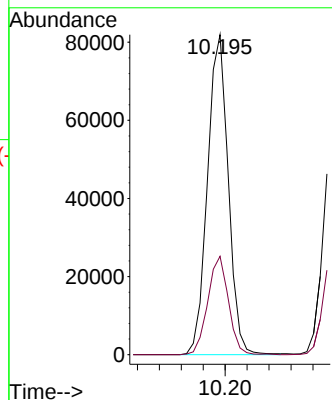
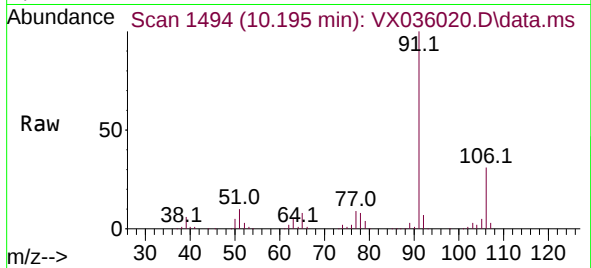
VSTD010639

Tgt Ion: 91 Resp: 107662

Ion Ratio Lower Upper

91 100

106 30.8 20.8 38.6



#53

m,p-Xylene

Concen: 10.036 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX036020.D

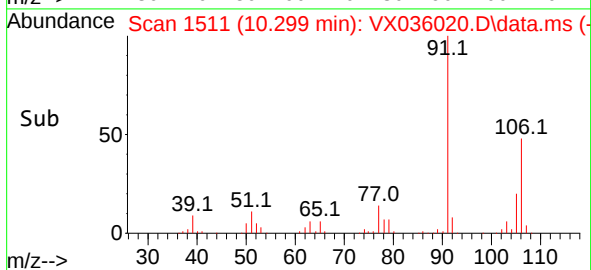
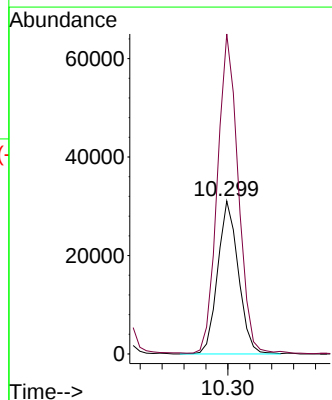
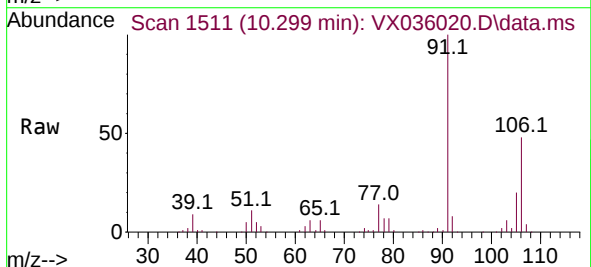
Acq: 06 Jun 2023 09:45

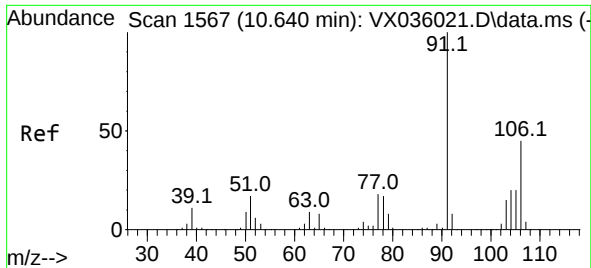
Tgt Ion:106 Resp: 40633

Ion Ratio Lower Upper

106 100

91 209.2 149.8 278.2

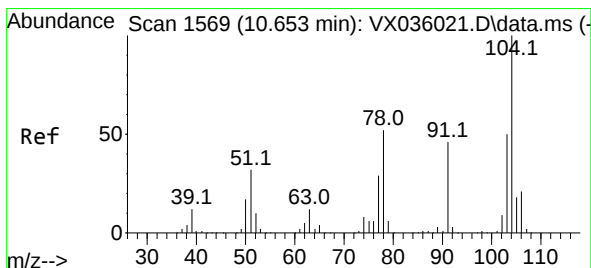
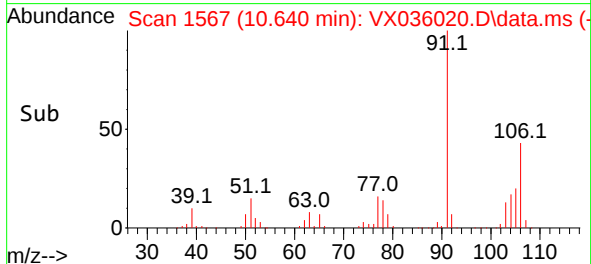
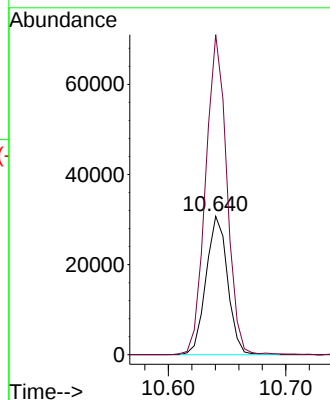
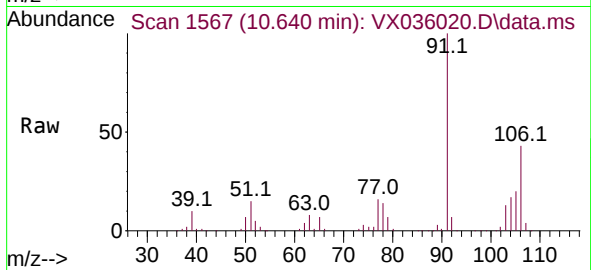




#54
o-Xylene
Concen: 9.823 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

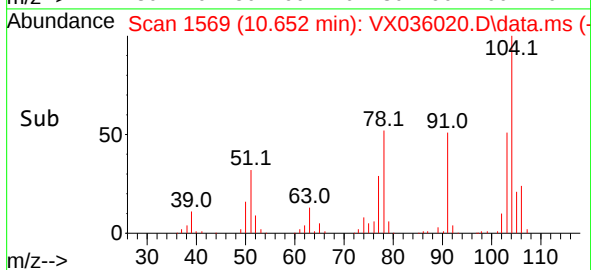
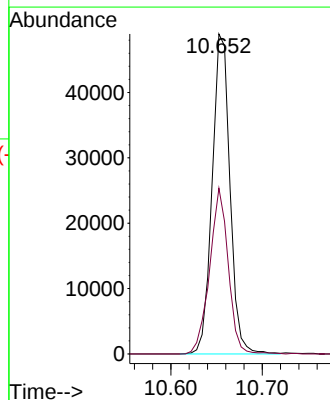
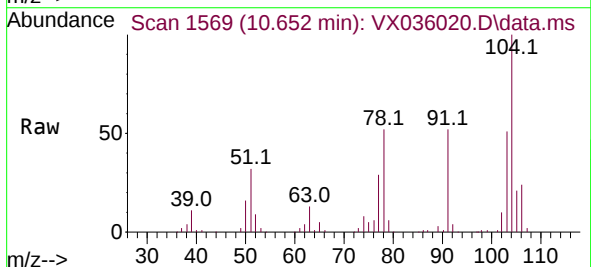
Instrument :
MSVOA_X
ClientSampleId :
VSTD010639

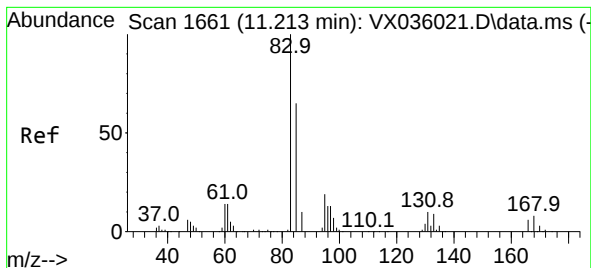
Tgt Ion:106 Resp: 39150
Ion Ratio Lower Upper
106 100
91 231.2 156.9 291.5



#55
Styrene
Concen: 9.786 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

Tgt Ion:104 Resp: 66085
Ion Ratio Lower Upper
104 100
78 51.8 36.1 67.1

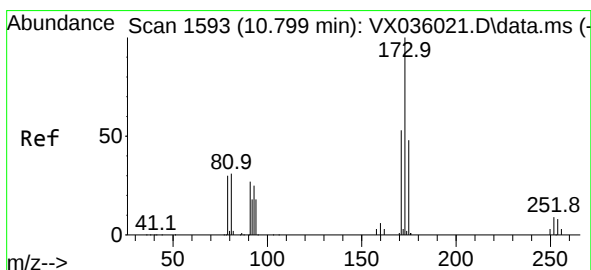
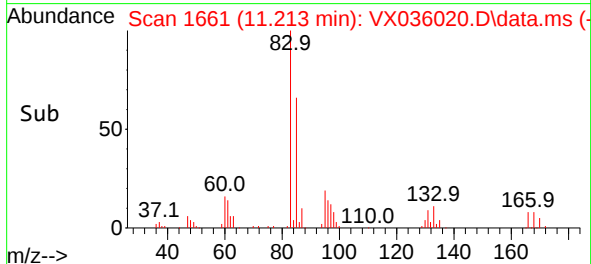
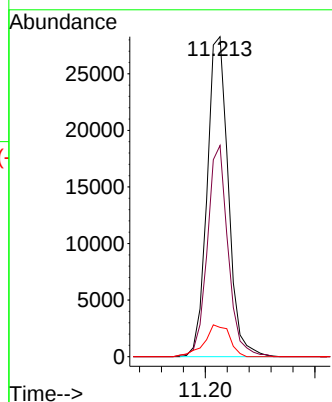
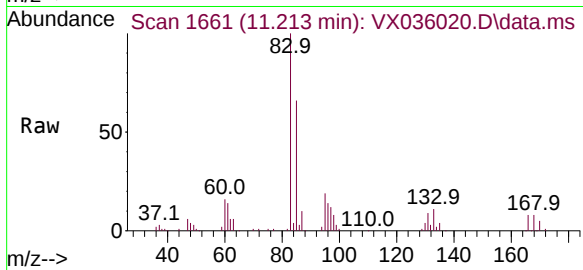




#57
1,1,2,2-Tetrachloroethane
Concen: 10.990 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

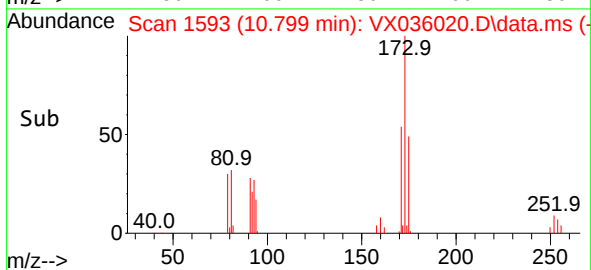
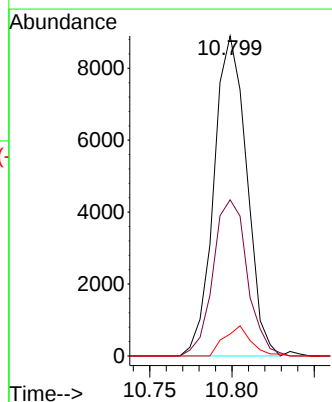
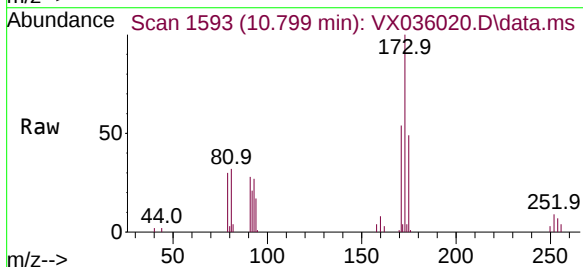
Instrument :
MSVOA_X
ClientSampleId :
VSTD010639

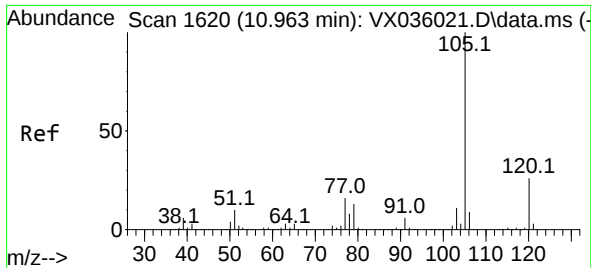
Tgt Ion: 83 Resp: 37887
Ion Ratio Lower Upper
83 100
85 66.0 45.6 84.8
131 9.2 8.1 12.1



#59
Bromoform
Concen: 8.130 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

Tgt Ion: 173 Resp: 12310
Ion Ratio Lower Upper
173 100
175 51.0 38.2 57.2
254 7.7 6.6 10.0

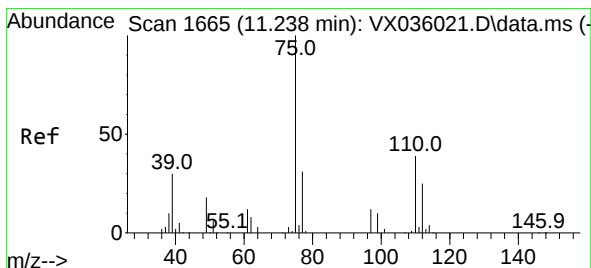
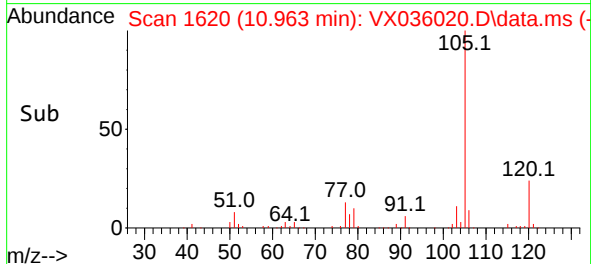
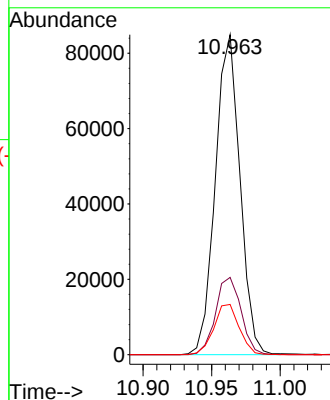
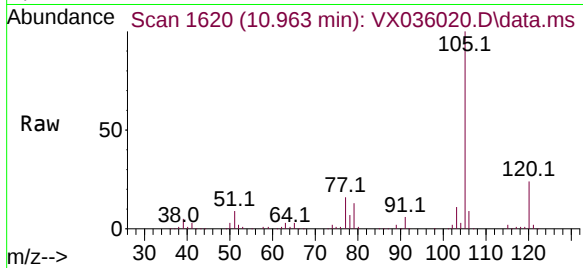




#60
Isopropylbenzene
Concen: 10.381 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

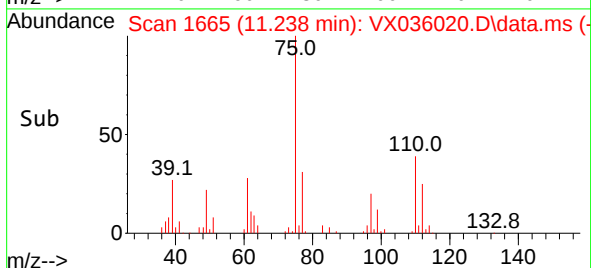
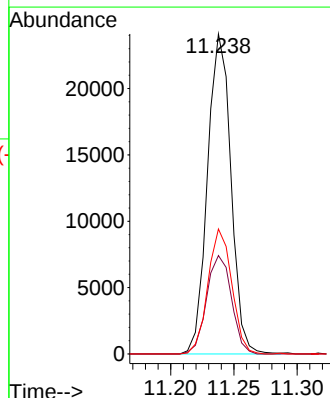
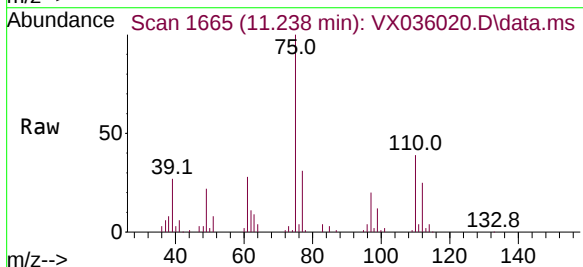
Instrument :
MSVOA_X
ClientSampleId :
VSTD010639

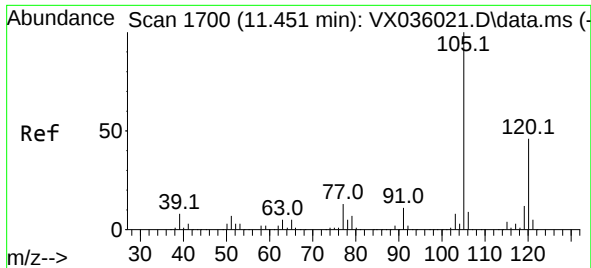
Tgt Ion:105 Resp: 106134
Ion Ratio Lower Upper
105 100
120 25.1 20.9 31.3
77 16.2 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 11.116 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

Tgt Ion: 75 Resp: 31080
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8
110 39.7 31.8 47.6

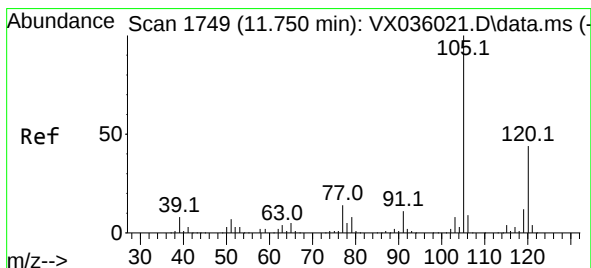
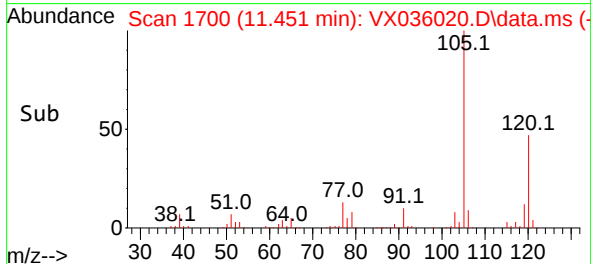
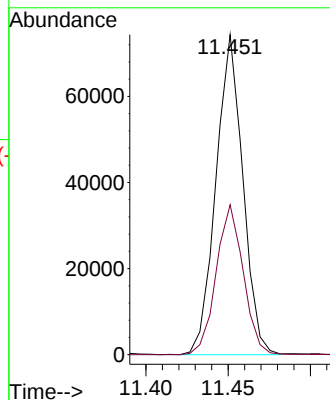
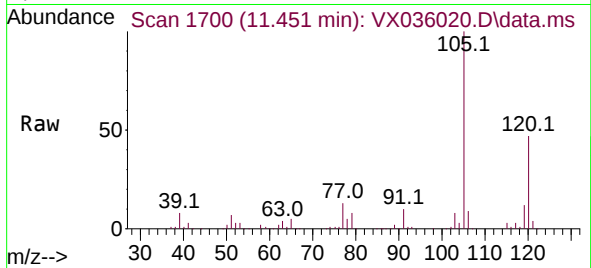




#62
1,3,5-Trimethylbenzene
Concen: 10.032 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

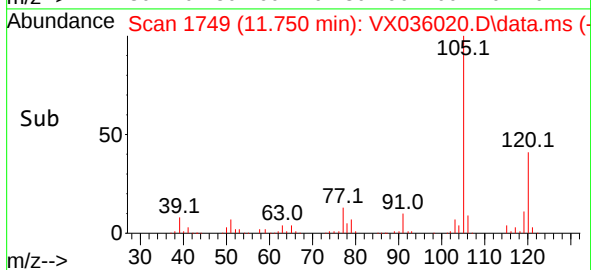
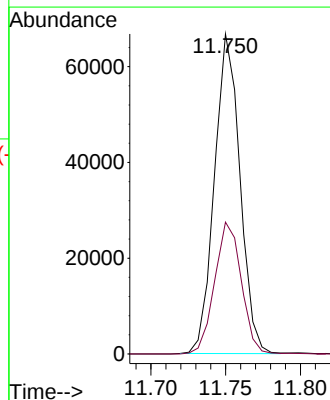
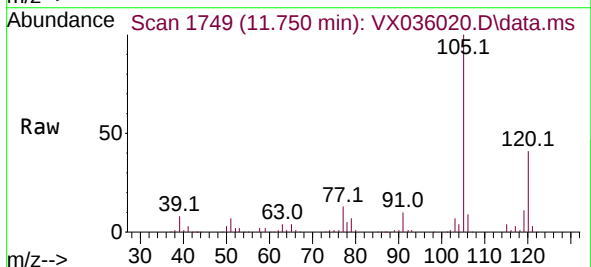
Instrument :
MSVOA_X
ClientSampleId :
VSTD010639

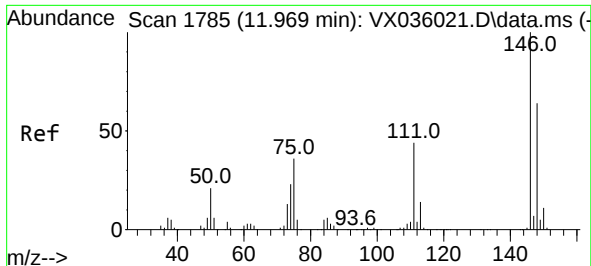
Tgt Ion:105 Resp: 84505
Ion Ratio Lower Upper
105 100
120 47.1 37.0 55.4



#63
1,2,4-Trimethylbenzene
Concen: 9.631 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

Tgt Ion:105 Resp: 79118
Ion Ratio Lower Upper
105 100
120 43.1 35.0 52.6

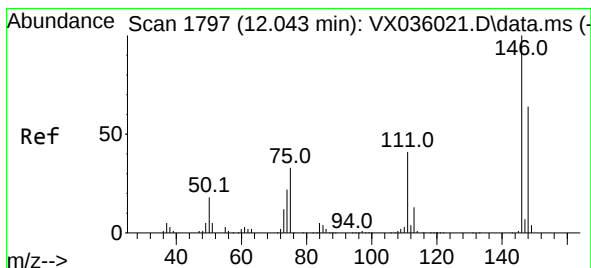
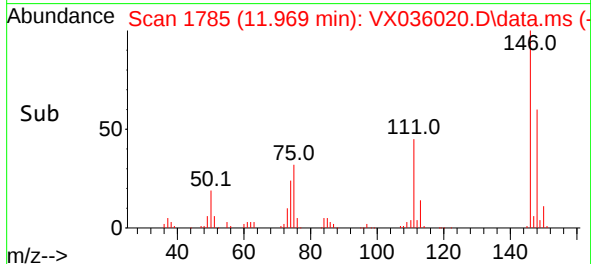
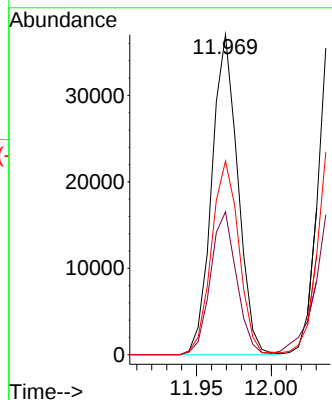
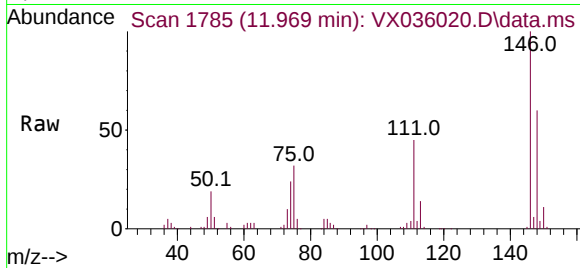




#64
1,3-Dichlorobenzene
Concen: 9.713 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

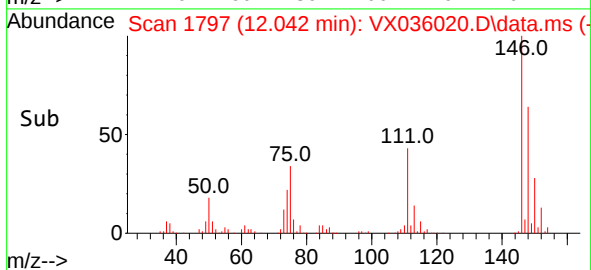
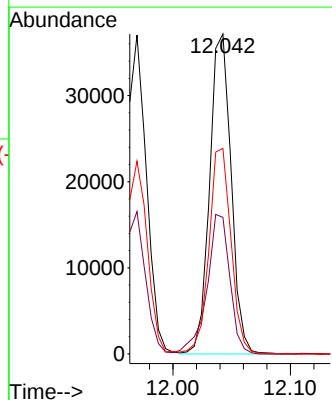
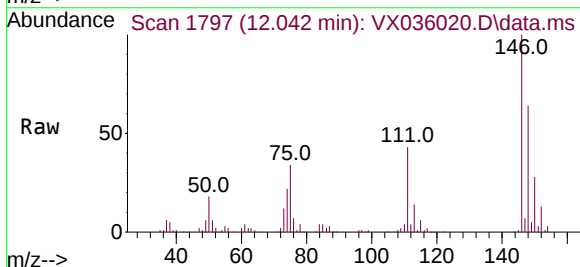
Instrument :
MSVOA_X
ClientSampleId :
VSTD010639

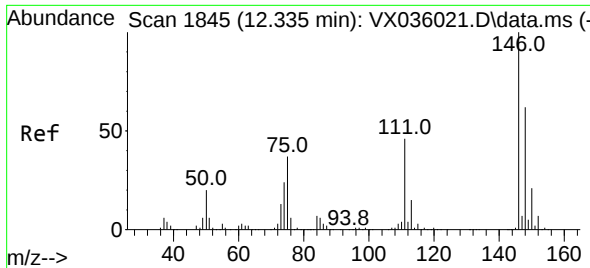
Tgt Ion:146 Resp: 44801
Ion Ratio Lower Upper
146 100
111 44.7 30.9 57.3
148 60.5 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 10.011 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX036020.D
Acq: 06 Jun 2023 09:45

Tgt Ion:146 Resp: 47248
Ion Ratio Lower Upper
146 100
111 42.7 28.8 53.4
148 64.2 44.5 82.7

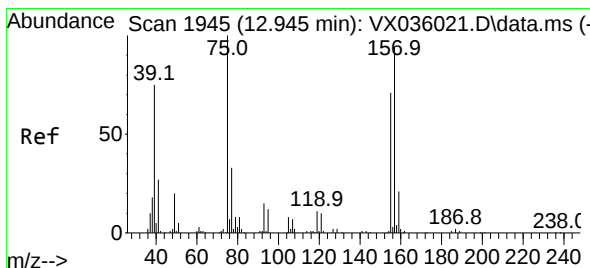
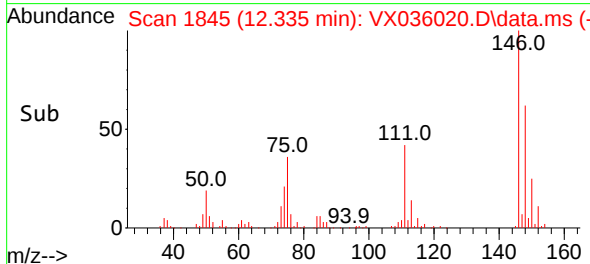
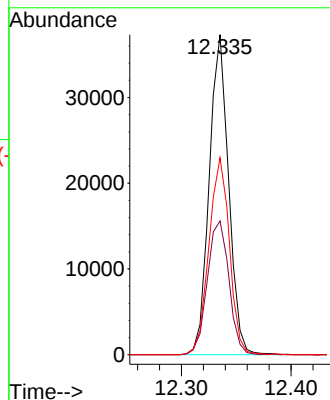
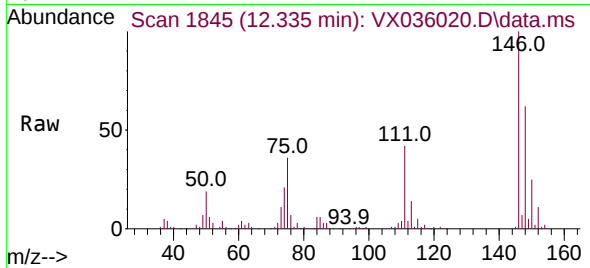




#67
 1,2-Dichlorobenzene
 Concen: 9.826 ug/L
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX036020.D
 Acq: 06 Jun 2023 09:45

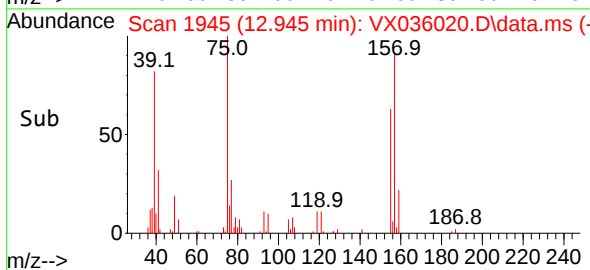
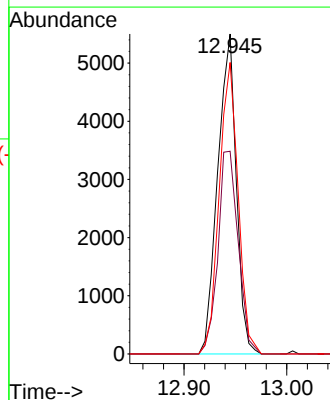
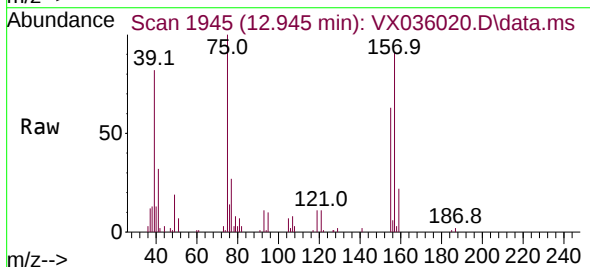
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010639

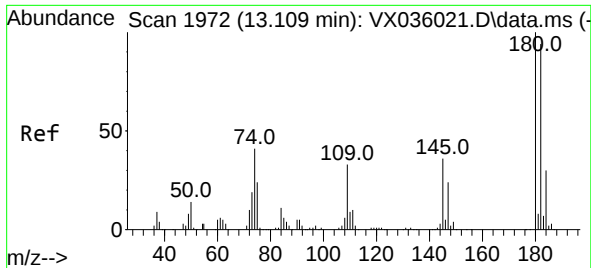
Tgt Ion:146 Resp: 45822
 Ion Ratio Lower Upper
 146 100
 111 41.8 37.0 55.4
 148 61.6 49.9 74.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 9.915 ug/L
 RT: 12.945 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VX036020.D
 Acq: 06 Jun 2023 09:45

Tgt Ion: 75 Resp: 6877
 Ion Ratio Lower Upper
 75 100
 155 63.3 57.0 85.6
 157 91.1 75.2 112.8

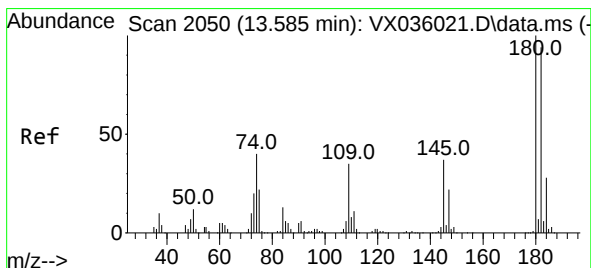
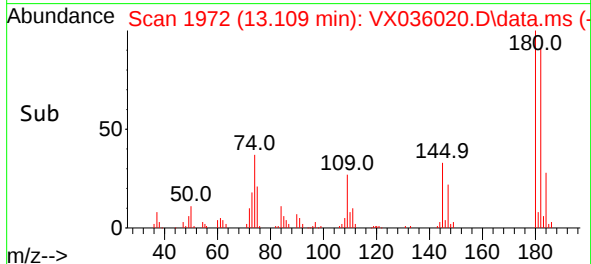
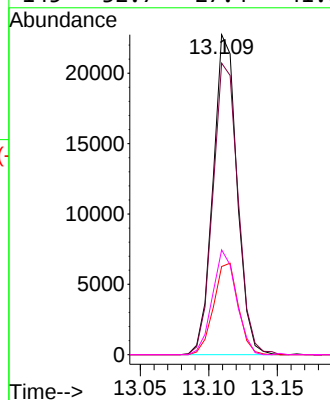
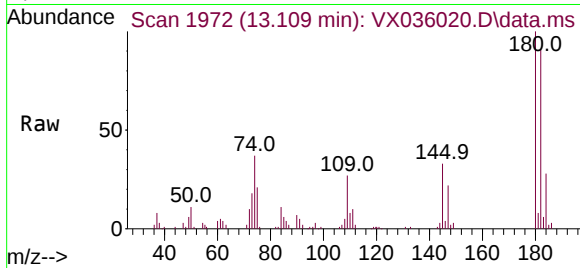




#69
 1,3,5-Trichlorobenzene
 Concen: 9.690 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. -0.000 min
 Lab File: VX036020.D
 Acq: 06 Jun 2023 09:45

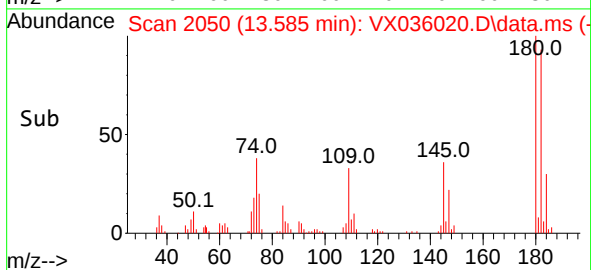
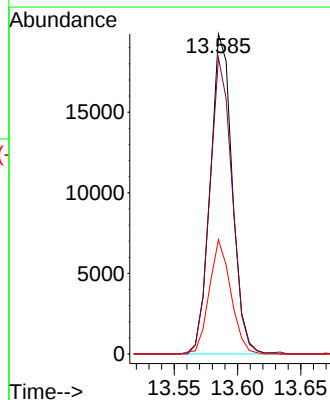
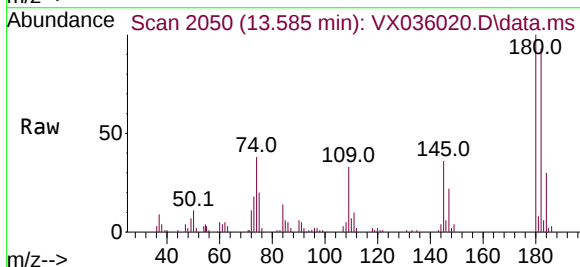
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010639

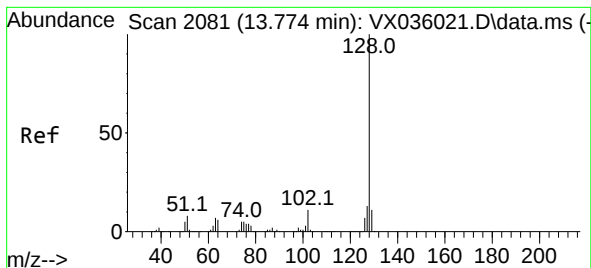
Tgt Ion:180	Resp:	27625
Ion Ratio	Lower	Upper
180	100	
182	95.2	76.0 114.0
184	29.3	23.8 35.8
145	32.7	27.4 41.0



#70
 1,2,4-trichlorobenzene
 Concen: 9.016 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX036020.D
 Acq: 06 Jun 2023 09:45

Tgt Ion:180	Resp:	23936
Ion Ratio	Lower	Upper
180	100	
182	94.1	74.6 112.0
145	35.3	28.6 42.8





#71

Naphthalene

Concen: 8.516 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036020.D

Acq: 06 Jun 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTD010639

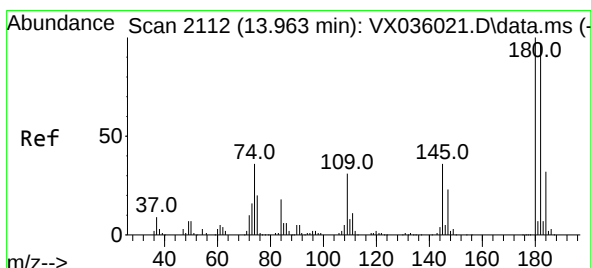
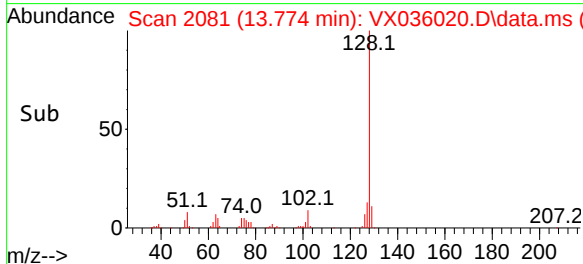
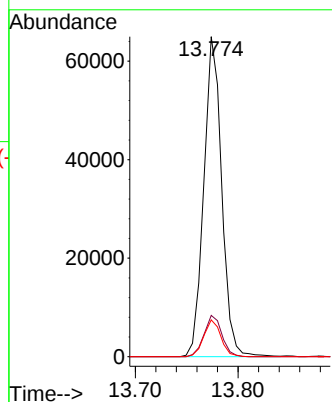
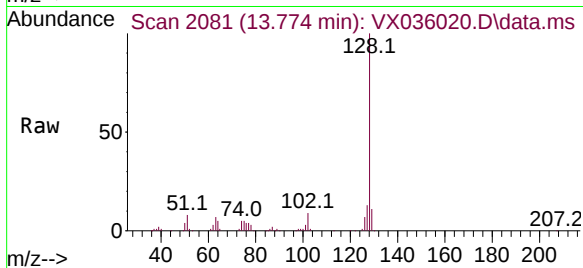
Tgt Ion:128 Resp: 78910

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 9.427 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX036020.D

Acq: 06 Jun 2023 09:45

Tgt Ion:180 Resp: 24601

Ion Ratio Lower Upper

180 100

182 93.4 75.4 113.2

145 34.9 29.4 44.0

