

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036019.D
 Acq On : 06 Jun 2023 09:21
 Operator : JC/MD
 Sample : VSTD00538
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005638

Quant Time: Jun 07 05:16:23 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	6.757	114	404070	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	350359	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	186802	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	13774	5.266	ug/L	0.00
7) Chloroethane-d5	1.672	69	10474	5.448	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	6912	5.410	ug/L	0.00
21) 2-Butanone-d5	4.464	46	20913	11.447	ug/L	0.00
24) Chloroform-d	5.050	84	27730	5.486	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	21155	6.274	ug/L	0.00
32) Benzene-d6	5.970	84	55490	5.493	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	16680	5.399	ug/L	0.00
41) Toluene-d8	8.646	98	50248	5.444	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	6811	4.929	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	13552	10.663	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	23650	6.096	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	18851	5.259	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	20453	6.471	ug/L	98
3) Chloromethane	1.294	50	19978	6.928	ug/L	98
5) Vinyl chloride	1.373	62	17359	5.957	ug/L	98
6) Bromomethane	1.617	94	9690	5.621	ug/L	93
8) Chloroethane	1.690	64	9894	5.986	ug/L	98
9) Trichlorofluoromethane	1.885	101	26699	6.671	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.330	101	16746	6.184	ug/L	99
12) 1,1-Dichloroethene	2.318	96	13894	5.701	ug/L	93
13) Acetone	2.391	43	30343	20.598	ug/L	99
14) Carbon disulfide	2.507	76	35817	5.805	ug/L	99
15) Methyl Acetate	2.702	43	18827	6.499	ug/L	98
16) Methylene chloride	2.788	84	15798	5.749	ug/L	98
17) trans-1,2-Dichloroethene	3.086	96	14870	5.867	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	51455	5.823	ug/L	98
19) 1,1-Dichloroethane	3.605	63	29309	5.932	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	17282	5.873	ug/L	99
22) 2-Butanone	4.568	43	30988	14.673	ug/L	98
23) Bromochloromethane	4.891	128	8265	5.694	ug/L #	93
25) Chloroform	5.092	83	32452	6.363	ug/L	98
27) 1,2-Dichloroethane	6.086	62	27212	6.548	ug/L	100
29) Cyclohexane	5.458	56	26714	6.214	ug/L #	23
30) 1,1,1-Trichloroethane	5.379	97	25568	6.096	ug/L	98
31) Carbon tetrachloride	5.671	117	20677	5.831	ug/L	100
33) Benzene	6.031	78	64227	6.020	ug/L	100
34) Trichloroethene	7.116	95	17415	6.106	ug/L	96
35) Methylcyclohexane	7.378	83	24073	6.153	ug/L	95
37) 1,2-Dichloropropane	7.427	63	16167	5.742	ug/L	99
38) Bromodichloromethane	7.817	83	19276	5.671	ug/L #	95
39) cis-1,3-Dichloropropene	8.366	75	22629	5.342	ug/L	97
40) 4-Methyl-2-pentanone	8.573	43	47443	12.425	ug/L	98
42) Toluene	8.713	91	64385	5.800	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	20078	5.194	ug/L	99

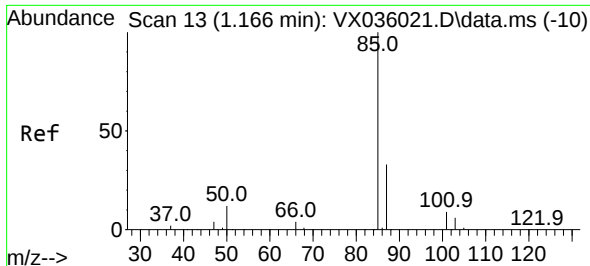
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
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Quant Time: Jun 07 05:16:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:13:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.152	97	15750	5.857	ug/L	95
46) Tetrachloroethene	9.274	164	11827	5.688	ug/L	95
48) 2-Hexanone	9.427	43	40359	13.863	ug/L	99
49) Dibromochloromethane	9.518	129	12957	5.079	ug/L	96
50) 1,2-Dibromoethane	9.610	107	16063	5.735	ug/L	93
51) Chlorobenzene	10.079	112	42341	5.807	ug/L	96
52) Ethylbenzene	10.195	91	74502	6.024	ug/L	99
53) m,p-Xylene	10.299	106	27237	5.787	ug/L	95
54) o-Xylene	10.640	106	26183	5.652	ug/L	96
55) Styrene	10.652	104	43303	5.516	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	25316	6.318	ug/L	96
59) Bromoform	10.798	173	8054	4.251	ug/L	99
60) Isopropylbenzene	10.963	105	74278	5.807	ug/L	100
61) 1,2,3-Trichloropropane	11.237	75	21532	6.155	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	59670	5.662	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	54054	5.259	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	32037	5.552	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	33557	5.683	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	31769	5.445	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.938	75	4524	5.213	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.115	180	19358	5.427	ug/L	94
70) 1,2,4-trichlorobenzene	13.585	180	17143	5.161	ug/L	95
71) Naphthalene	13.774	128	53940	4.653	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	17693	5.419	ug/L	99

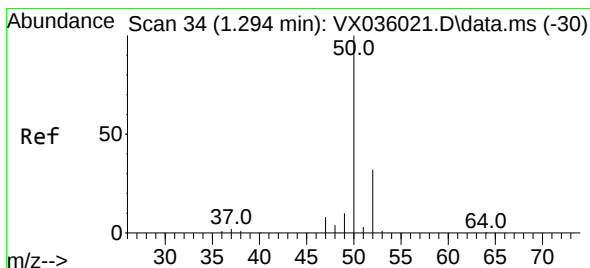
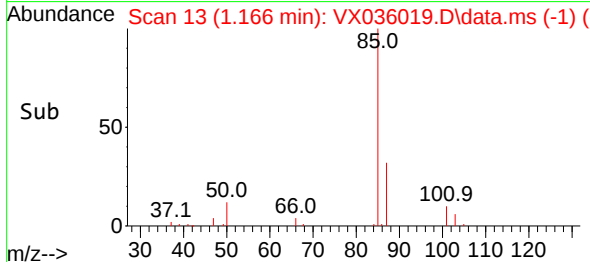
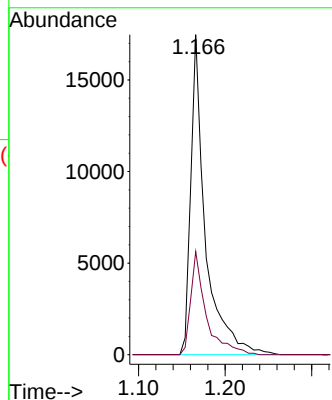
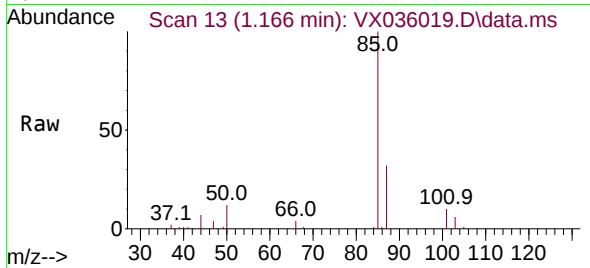
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 6.471 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036019.D
 Acq: 06 Jun 2023 09:21

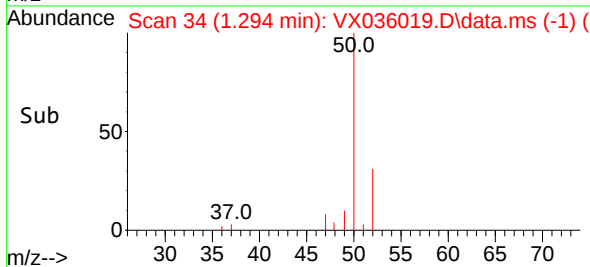
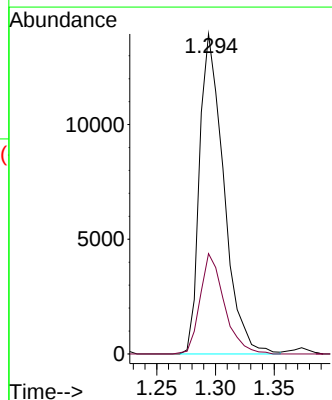
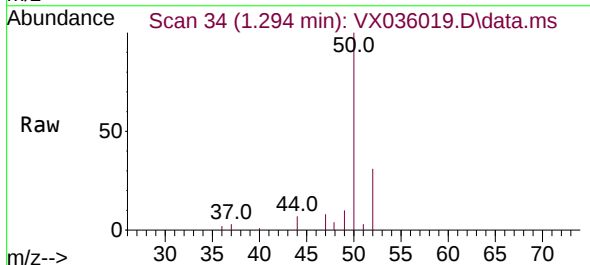
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005638

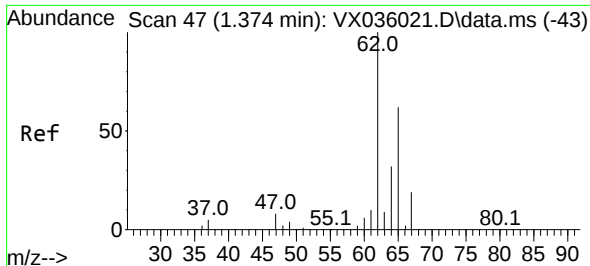
Tgt Ion: 85 Resp: 20453
 Ion Ratio Lower Upper
 85 100
 87 34.1 26.4 39.6



#3
 Chloromethane
 Concen: 6.928 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX036019.D
 Acq: 06 Jun 2023 09:21

Tgt Ion: 50 Resp: 19978
 Ion Ratio Lower Upper
 50 100
 52 31.3 22.5 41.9

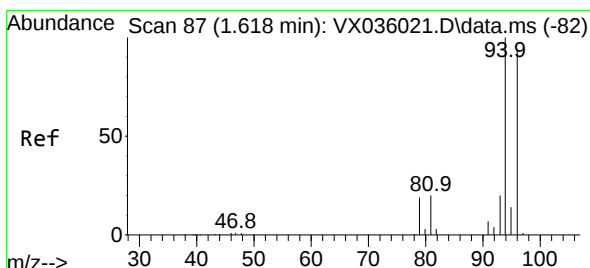
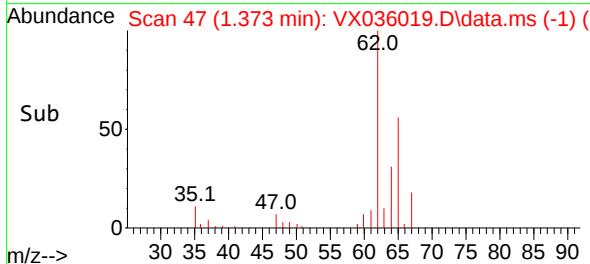
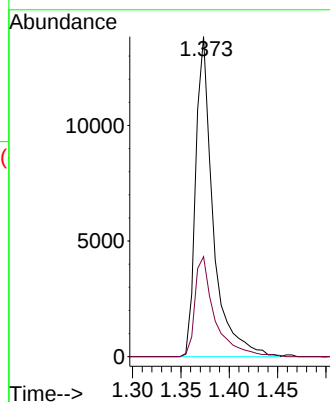
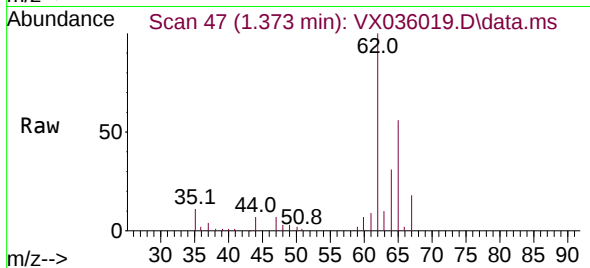




#5
 Vinyl chloride
 Concen: 5.957 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036019.D
 Acq: 06 Jun 2023 09:21

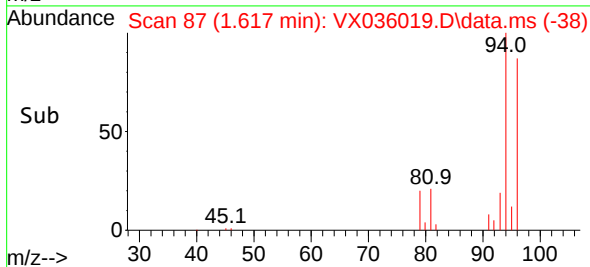
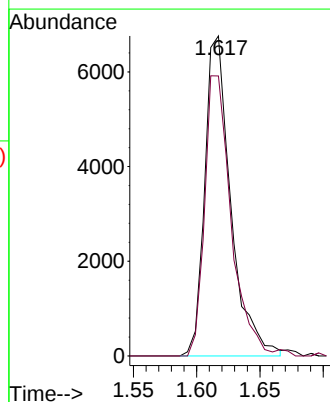
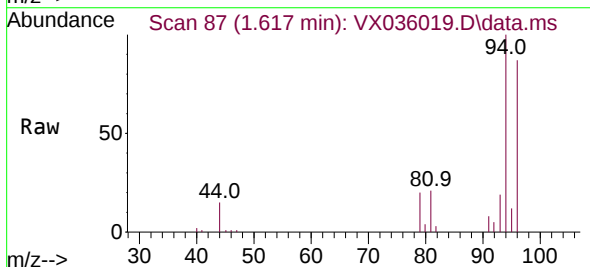
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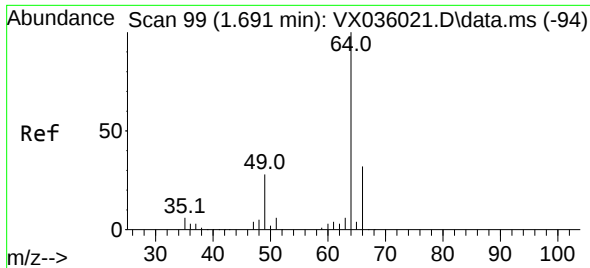
Tgt Ion: 62 Resp: 17359
 Ion Ratio Lower Upper
 62 100
 64 31.2 22.7 42.1



#6
 Bromomethane
 Concen: 5.621 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX036019.D
 Acq: 06 Jun 2023 09:21

Tgt Ion: 94 Resp: 9690
 Ion Ratio Lower Upper
 94 100
 96 87.5 65.8 122.2

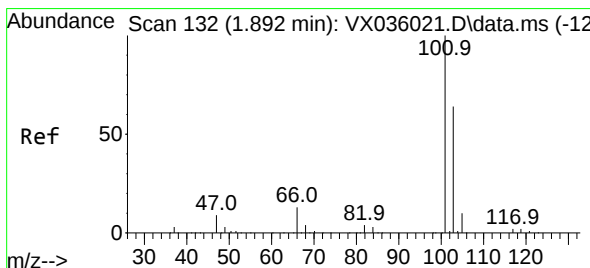
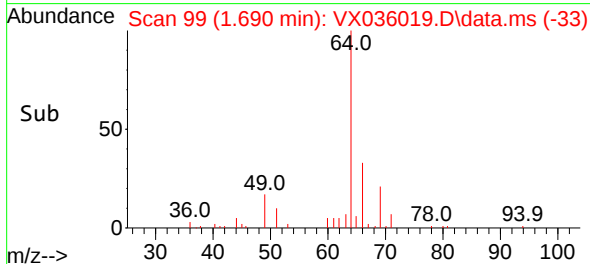
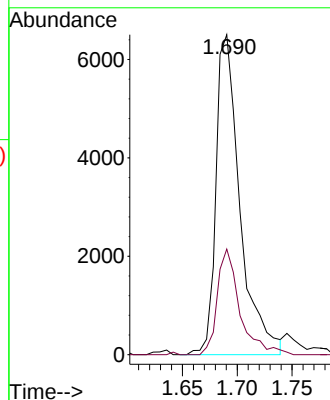
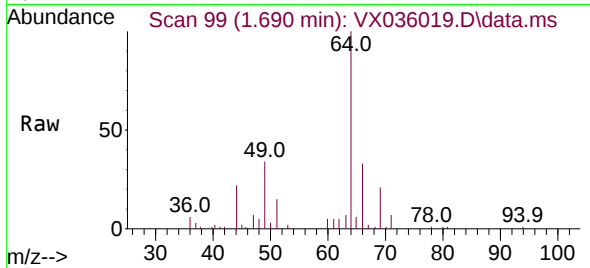




#8
Chloroethane
Concen: 5.986 ug/L
RT: 1.690 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

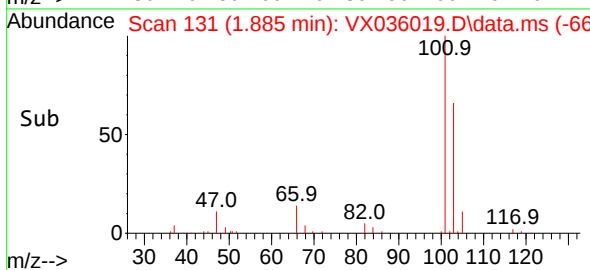
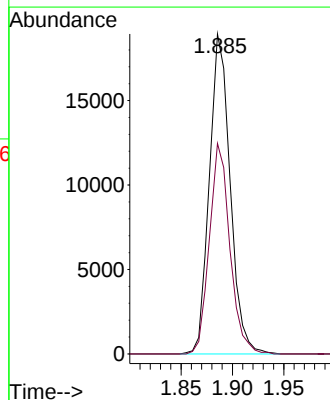
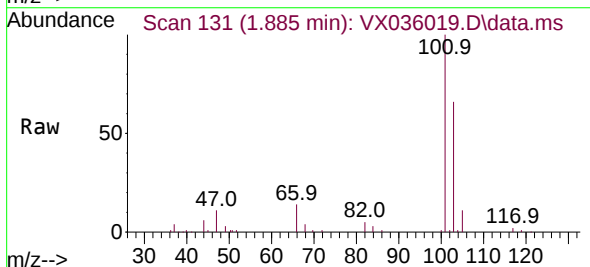
Instrument :
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ClientSampleId :
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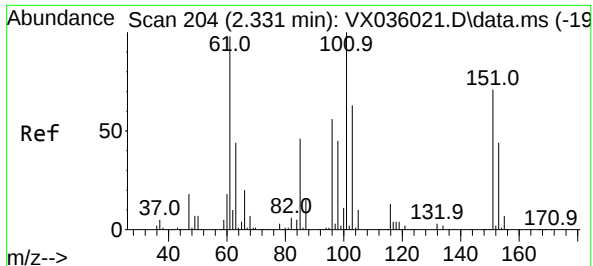
Tgt Ion: 64 Resp: 9894
Ion Ratio Lower Upper
64 100
66 33.0 22.5 41.7



#9
Trichlorofluoromethane
Concen: 6.671 ug/L
RT: 1.885 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

Tgt Ion: 101 Resp: 26699
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0





#10

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

Concen: 6.184 ug/L

RT: 2.330 min Scan# 204

Delta R.T. -0.000 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTD005638

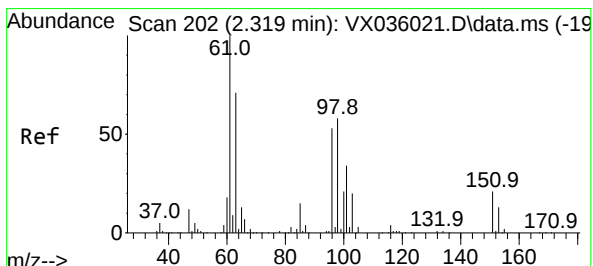
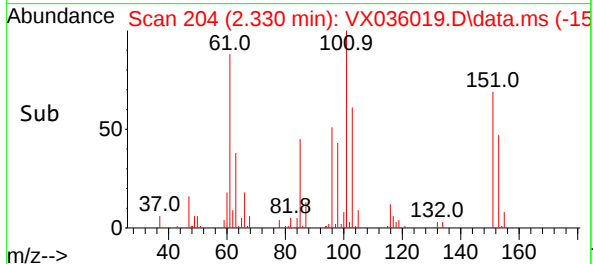
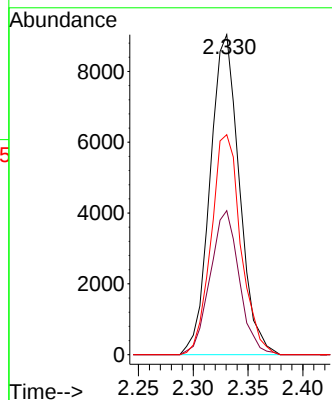
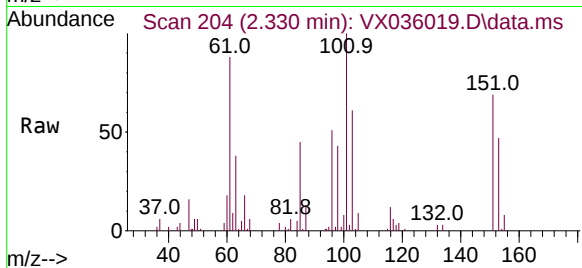
Tgt Ion:101 Resp: 16746

Ion Ratio Lower Upper

101 100

85 44.7 36.6 55.0

151 69.8 56.1 84.1



#12

1,1-Dichloroethene

Concen: 5.701 ug/L

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

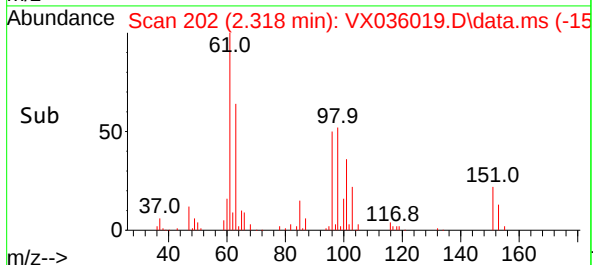
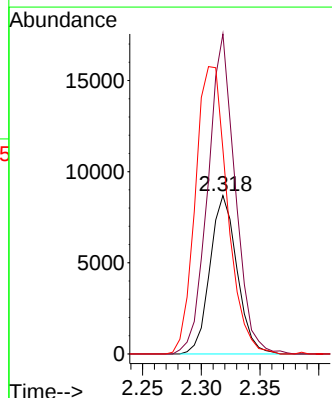
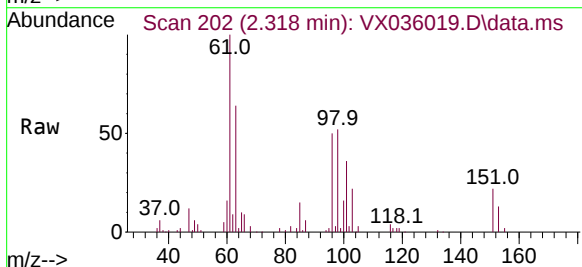
Tgt Ion: 96 Resp: 13894

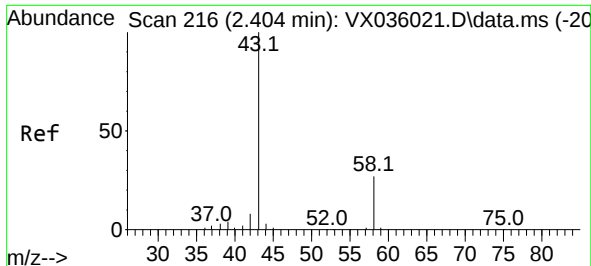
Ion Ratio Lower Upper

96 100

61 202.0 132.5 246.1

63 129.1 95.1 176.7





#13

Acetone

Concen: 20.598 ug/L

RT: 2.391 min Scan# 21

Delta R.T. -0.013 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

Instrument :

MSVOA_X

ClientSampleId :

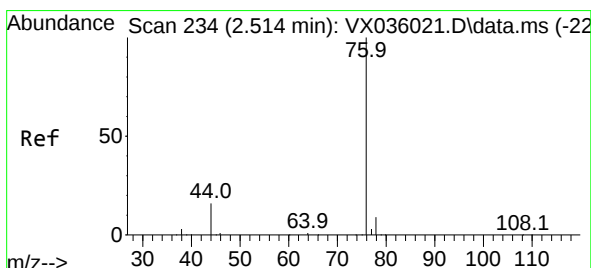
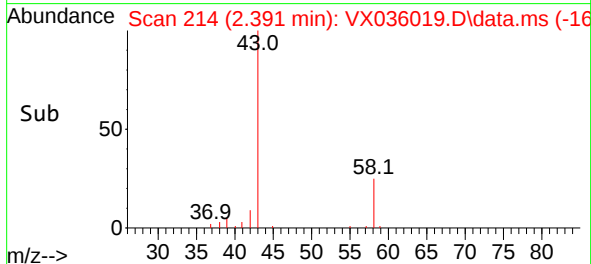
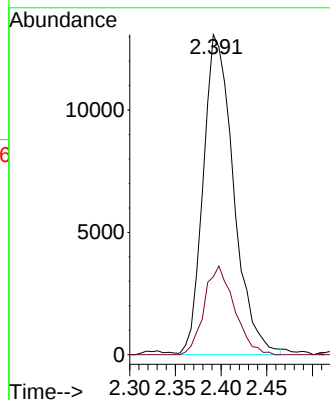
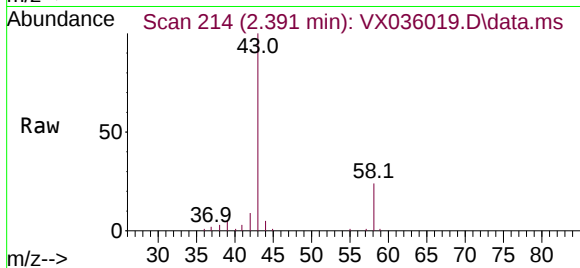
VSTD005638

Tgt Ion: 43 Resp: 30343

Ion Ratio Lower Upper

43 100

58 27.3 0.0 55.4



#14

Carbon disulfide

Concen: 5.805 ug/L

RT: 2.507 min Scan# 233

Delta R.T. -0.006 min

Lab File: VX036019.D

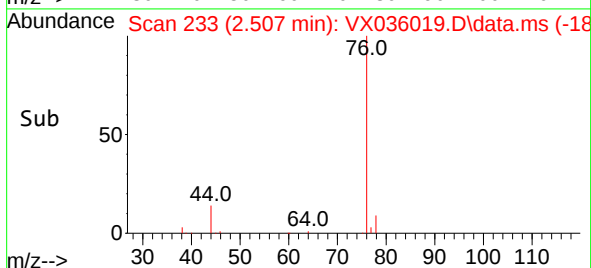
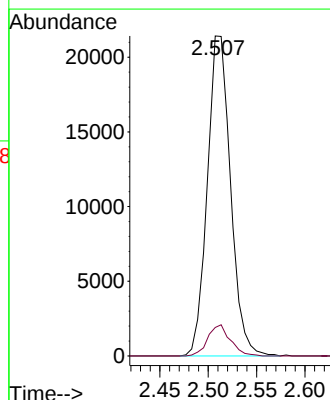
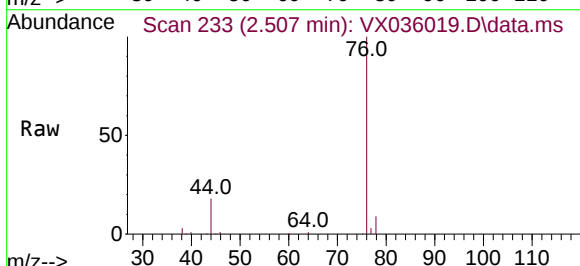
Acq: 06 Jun 2023 09:21

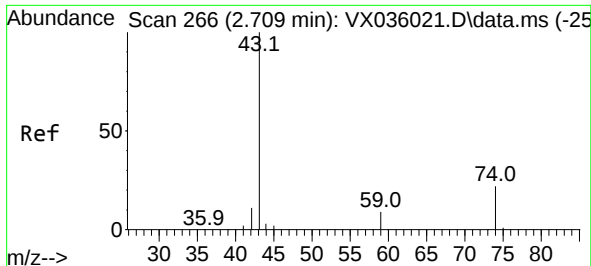
Tgt Ion: 76 Resp: 35817

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

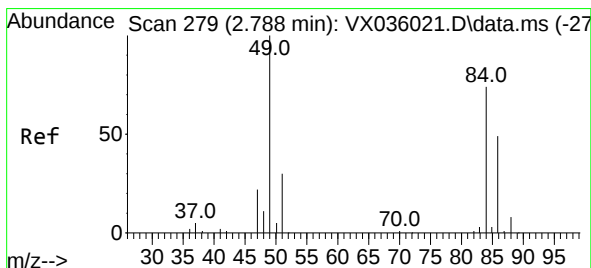
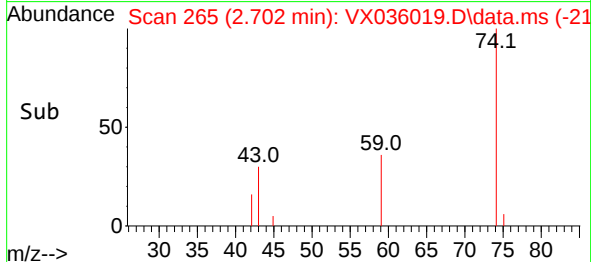
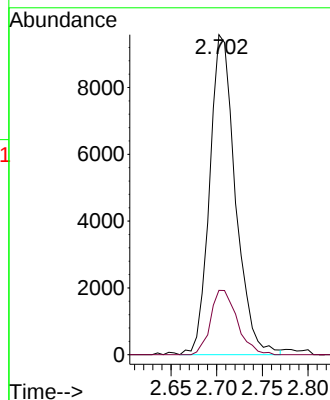
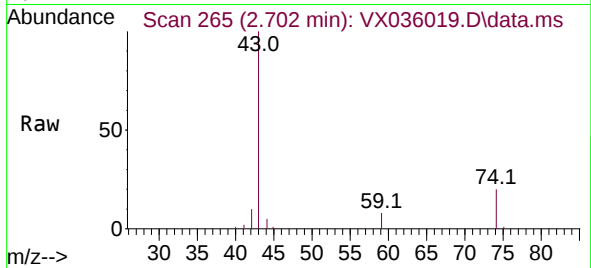




#15
Methyl Acetate
Concen: 6.499 ug/L
RT: 2.702 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

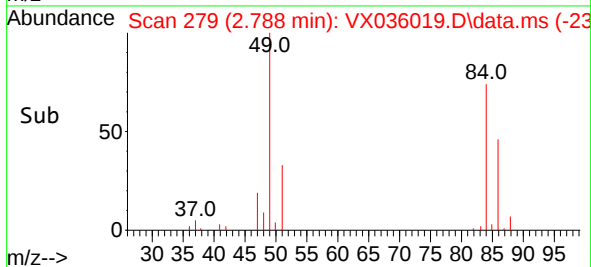
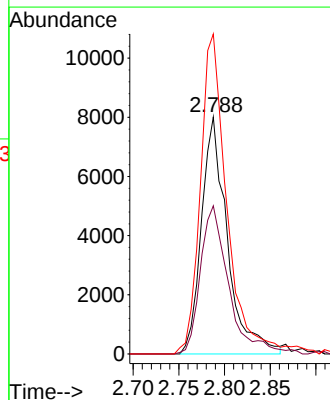
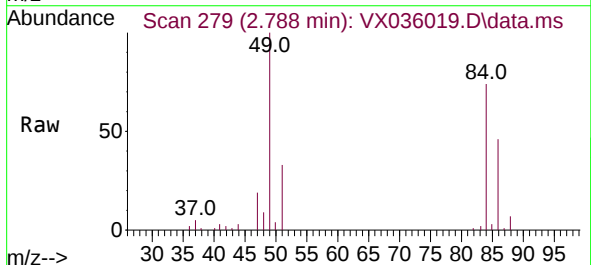
Instrument :
MSVOA_X
ClientSampleId :
VSTD005638

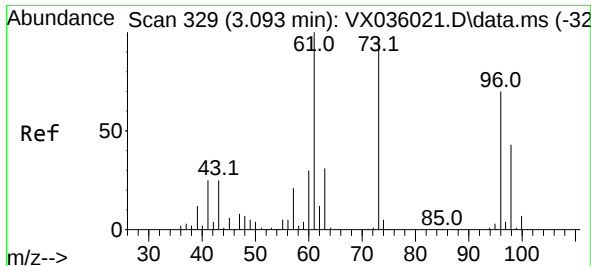
Tgt Ion: 43 Resp: 18827
Ion Ratio Lower Upper
43 100
74 20.7 17.4 26.2



#16
Methylene chloride
Concen: 5.749 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

Tgt Ion: 84 Resp: 15798
Ion Ratio Lower Upper
84 100
86 62.5 46.5 86.5
49 135.0 95.1 176.5





#17

trans-1,2-Dichloroethene

Concen: 5.867 ug/L

RT: 3.086 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTD005638

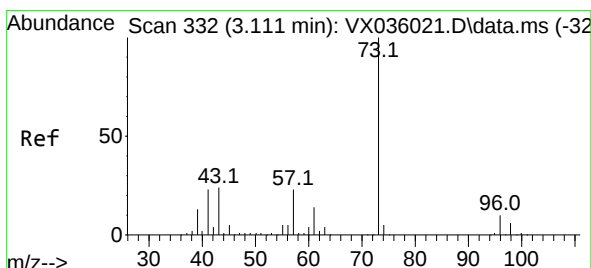
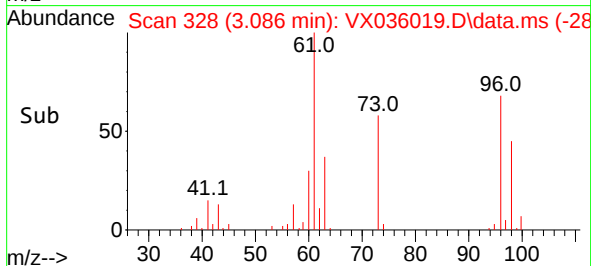
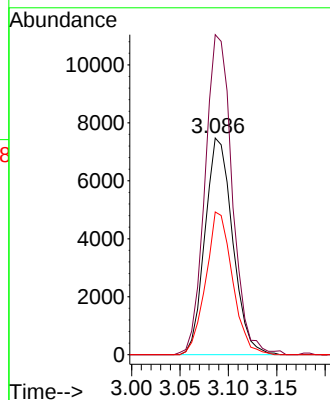
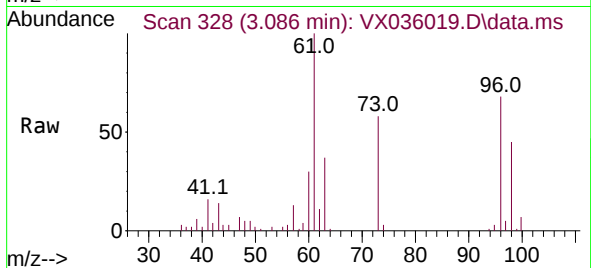
Tgt Ion: 96 Resp: 14870

Ion Ratio Lower Upper

96 100

61 147.7 100.7 187.1

98 65.9 43.4 80.6



#18

Methyl tert-butyl Ether

Concen: 5.823 ug/L

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

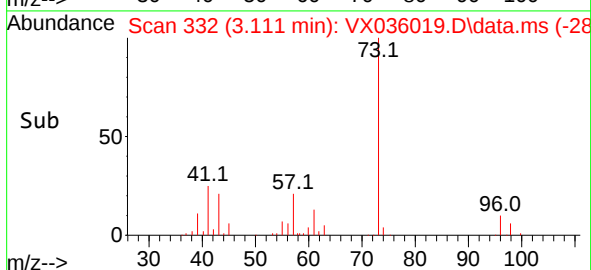
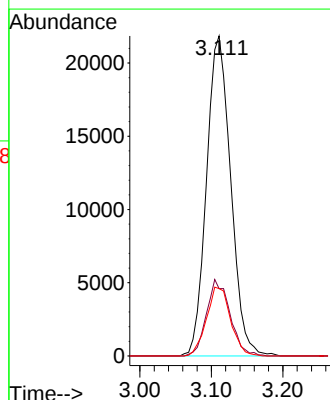
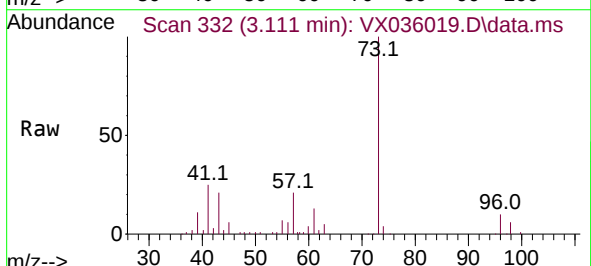
Tgt Ion: 73 Resp: 51455

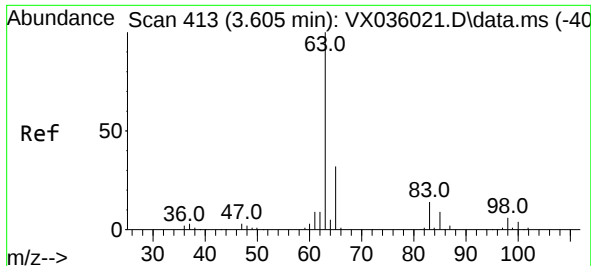
Ion Ratio Lower Upper

73 100

43 23.2 19.4 29.0

57 21.4 17.5 26.3





#19

1,1-Dichloroethane

Concen: 5.932 ug/L

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTD005638

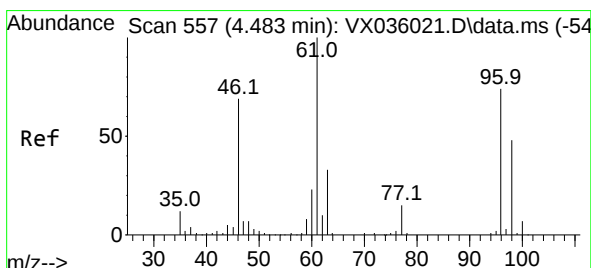
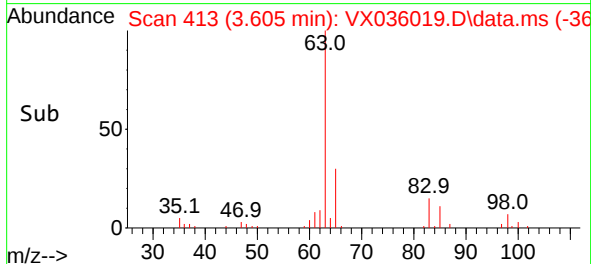
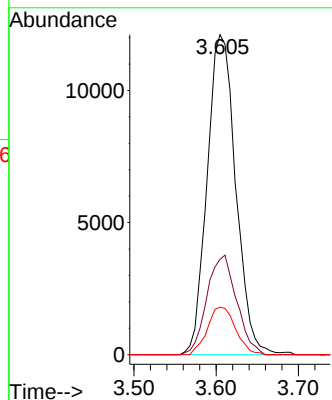
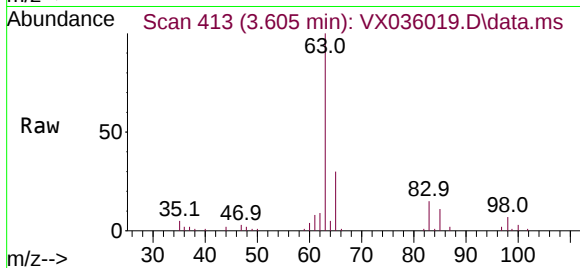
Tgt Ion: 63 Resp: 29309

Ion Ratio Lower Upper

63 100

65 29.8 22.6 42.0

83 14.8 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 5.873 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

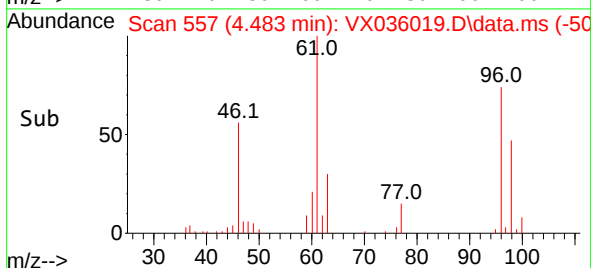
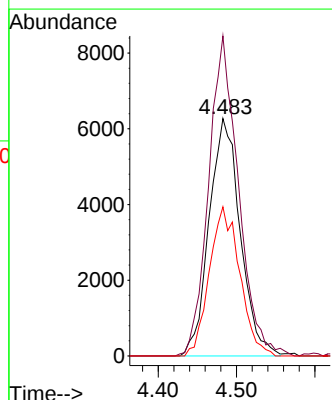
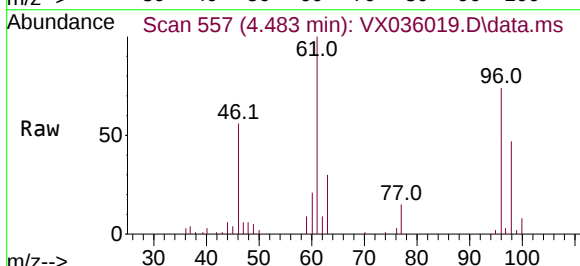
Tgt Ion: 96 Resp: 17282

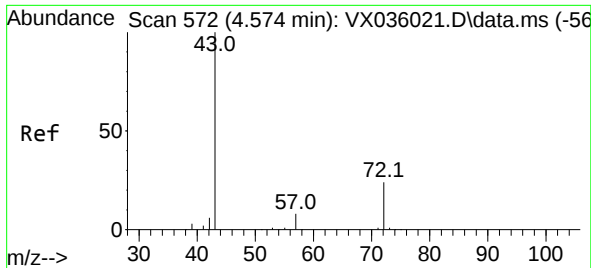
Ion Ratio Lower Upper

96 100

61 134.8 94.7 175.9

98 62.8 45.4 84.4

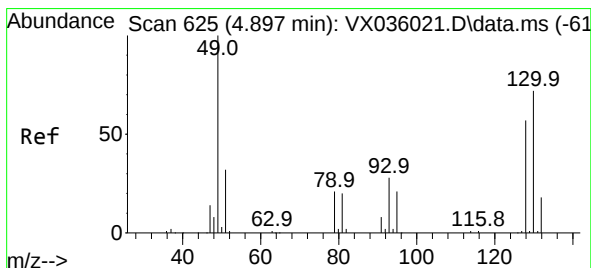
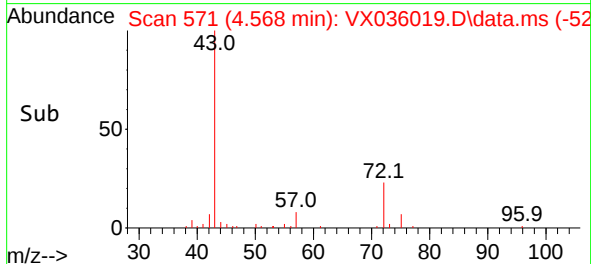
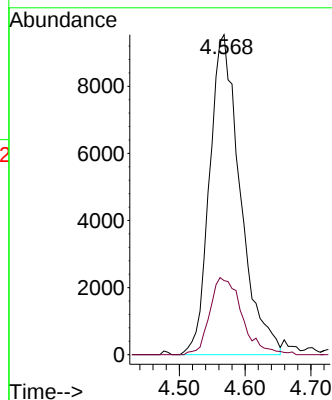
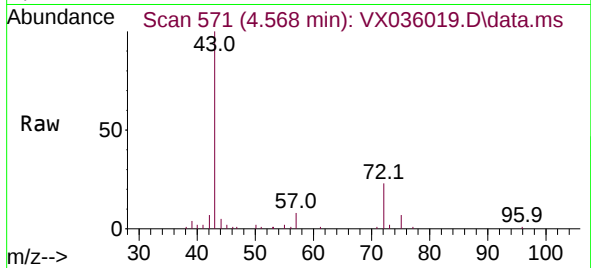




#22
2-Butanone
Concen: 14.673 ug/L
RT: 4.568 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

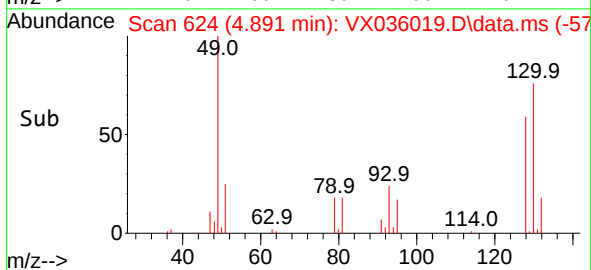
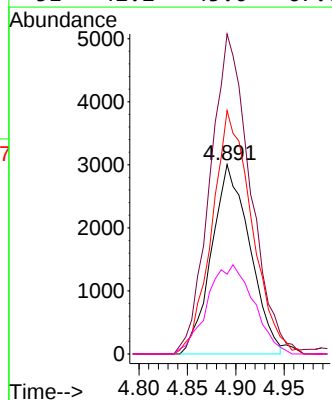
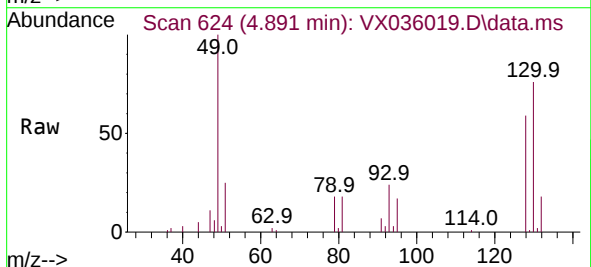
Instrument :
MSVOA_X
ClientSampleId :
VSTD005638

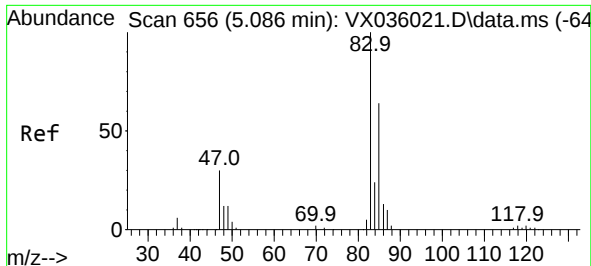
Tgt Ion: 43 Resp: 30988
Ion Ratio Lower Upper
43 100
72 25.3 12.0 36.1



#23
Bromochloromethane
Concen: 5.694 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

Tgt Ion: 128 Resp: 8265
Ion Ratio Lower Upper
128 100
49 168.9 123.9 230.1
130 128.5 88.3 164.1
51 42.2 45.0 67.6#





#25

Chloroform

Concen: 6.363 ug/L

RT: 5.092 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

Instrument :

MSVOA_X

ClientSampleId :

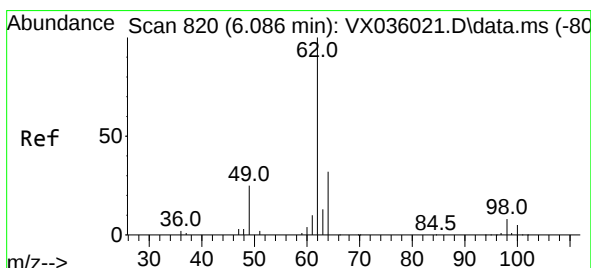
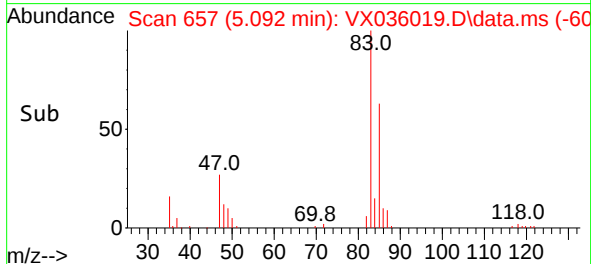
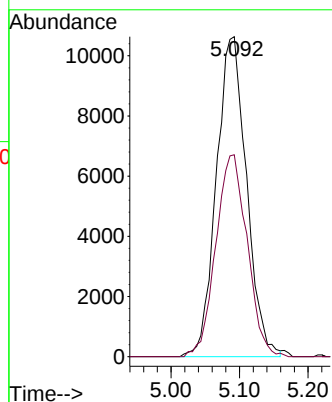
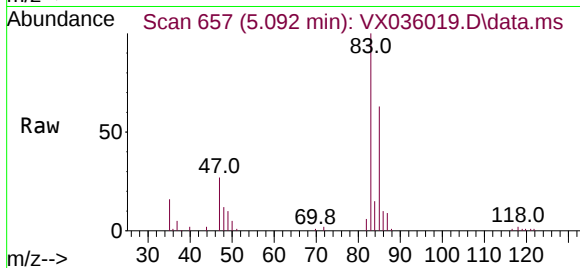
VSTD005638

Tgt Ion: 83 Resp: 32452

Ion Ratio Lower Upper

83 100

85 63.1 45.0 83.6



#27

1,2-Dichloroethane

Concen: 6.548 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX036019.D

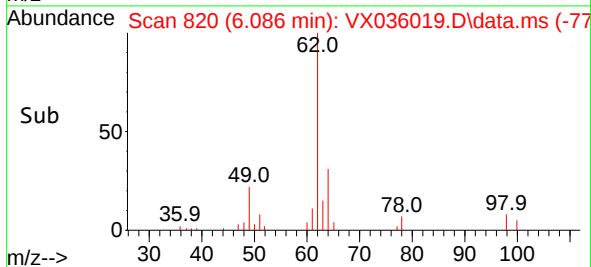
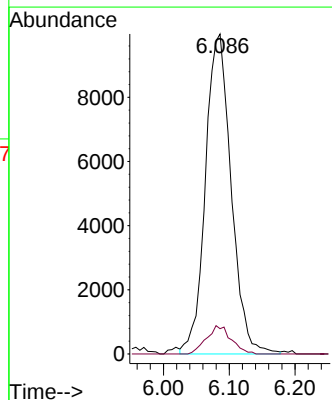
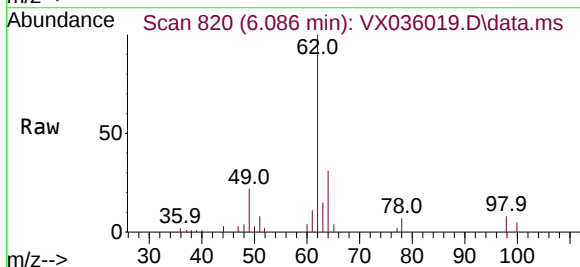
Acq: 06 Jun 2023 09:21

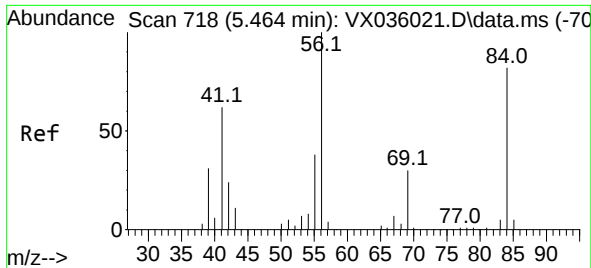
Tgt Ion: 62 Resp: 27212

Ion Ratio Lower Upper

62 100

98 7.9 6.4 9.6

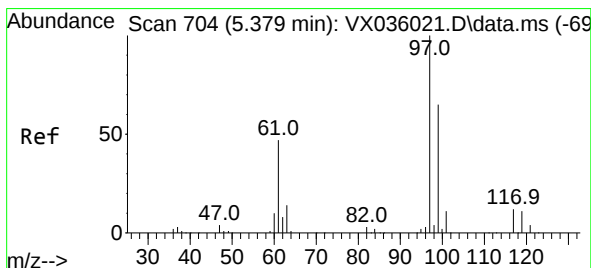
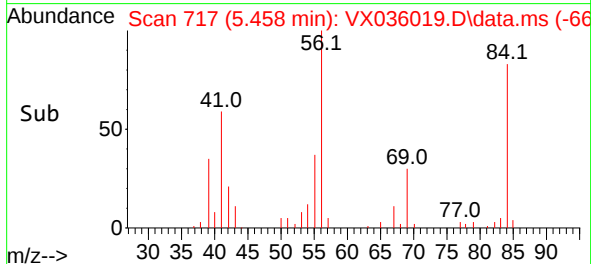
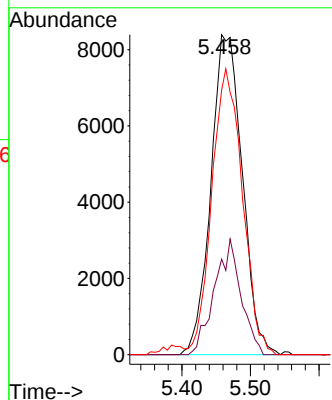
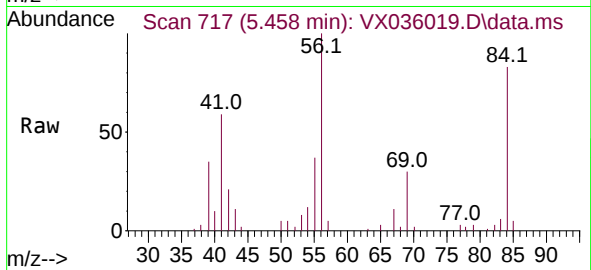




#29
Cyclohexane
Concen: 6.214 ug/L
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

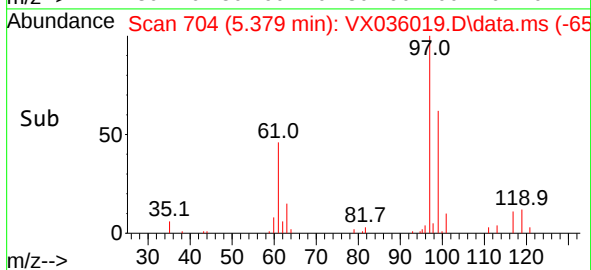
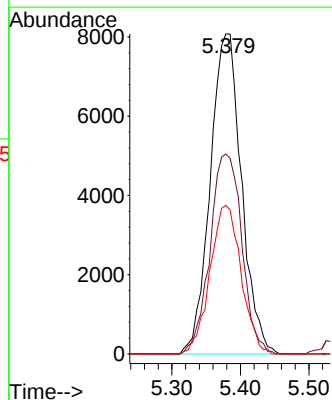
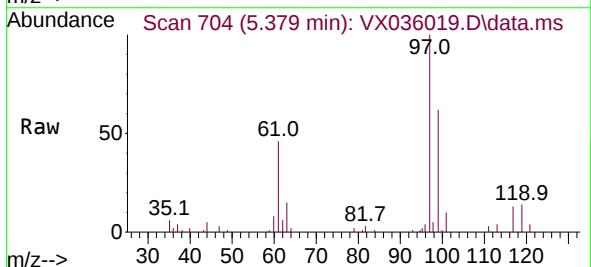
Instrument :
MSVOA_X
ClientSampleId :
VSTD005638

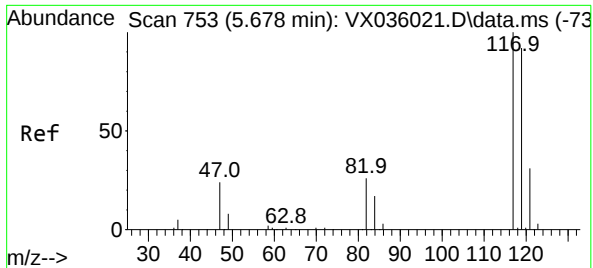
Tgt Ion: 56 Resp: 26714
Ion Ratio Lower Upper
56 100
69 12.9 24.3 36.5#
84 0.0 68.4 102.6#



#30
1,1,1-Trichloroethane
Concen: 6.096 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

Tgt Ion: 97 Resp: 25568
Ion Ratio Lower Upper
97 100
99 63.5 51.9 77.9
61 46.4 38.0 57.0

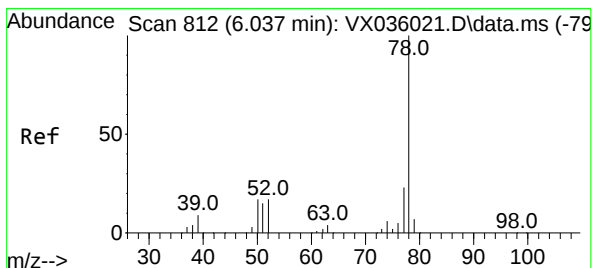
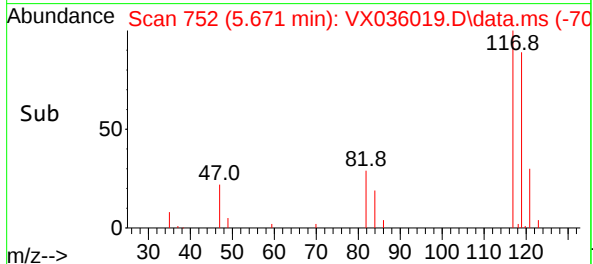
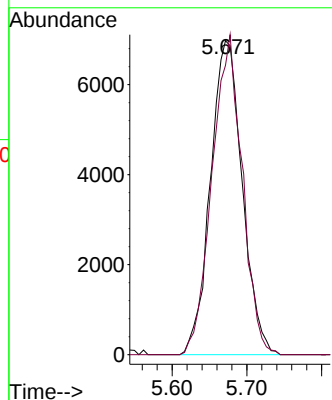
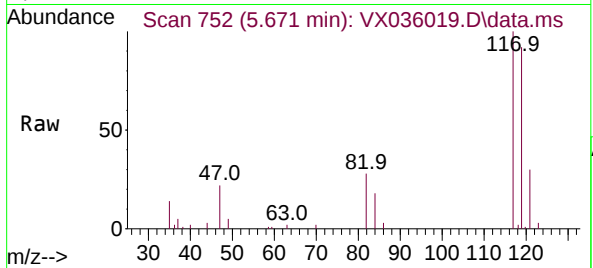




#31
Carbon tetrachloride
Concen: 5.831 ug/L
RT: 5.671 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

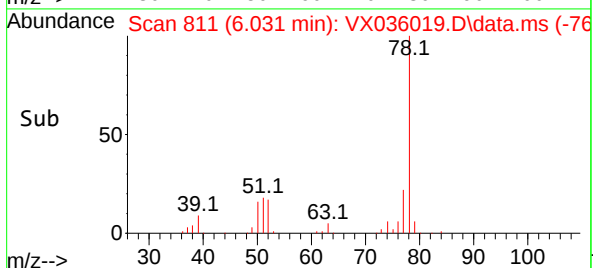
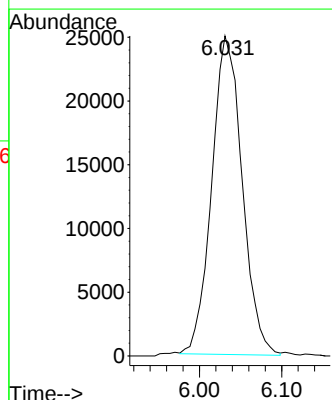
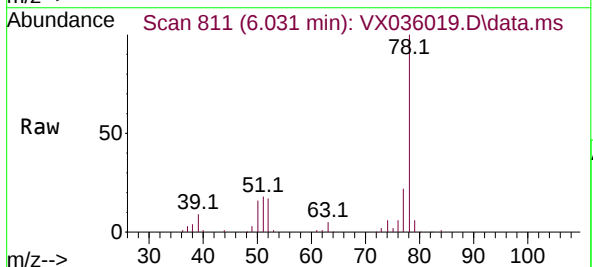
Instrument :
MSVOA_X
ClientSampleId :
VSTD005638

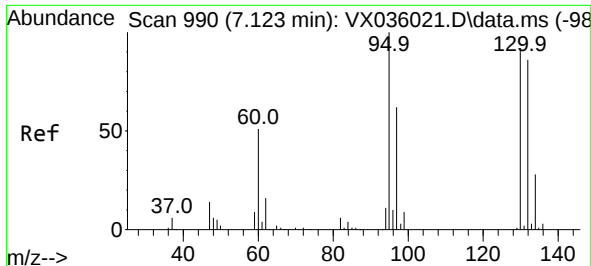
Tgt Ion:117 Resp: 20677
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3



#33
Benzene
Concen: 6.020 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

Tgt Ion: 78 Resp: 64227



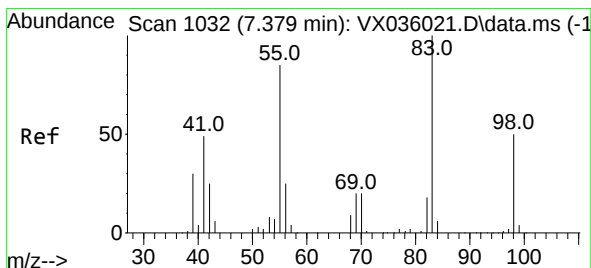
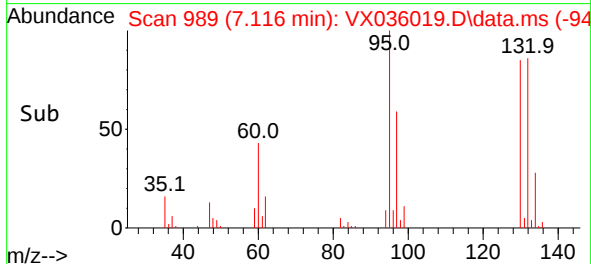
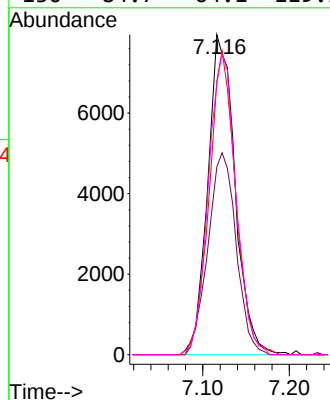
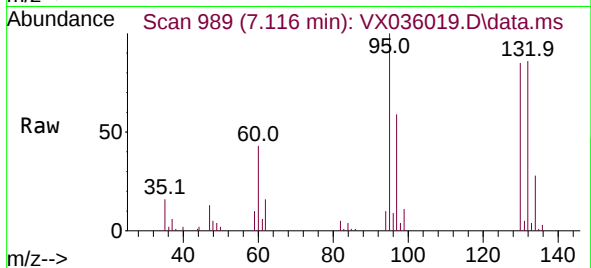


#34
Trichloroethene
Concen: 6.106 ug/L
RT: 7.116 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTD005638

Tgt Ion: 95 Resp: 17415

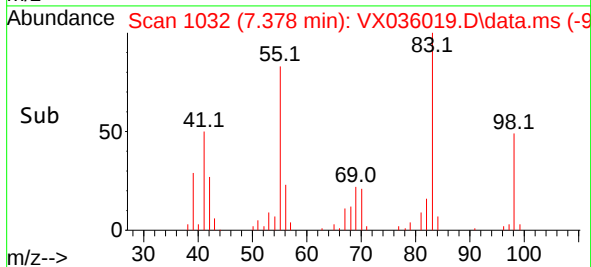
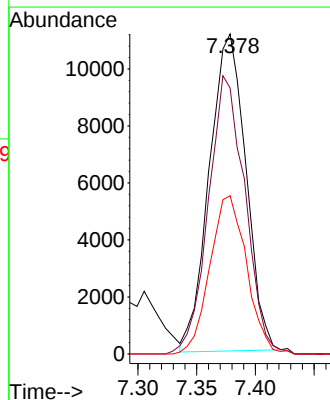
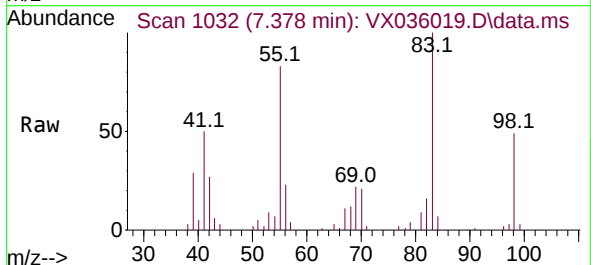
Ion	Ratio	Lower	Upper
95	100		
97	58.7	43.6	81.0
132	85.6	59.9	111.3
130	84.7	64.1	119.1

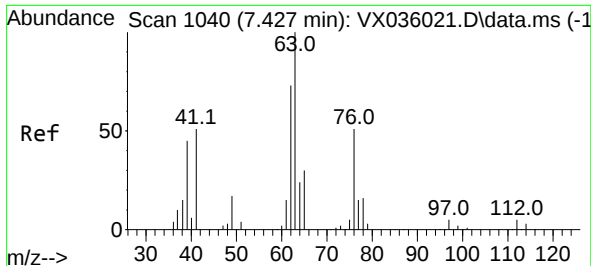


#35
Methylcyclohexane
Concen: 6.153 ug/L
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

Tgt Ion: 83 Resp: 24073

Ion	Ratio	Lower	Upper
83	100		
55	87.6	65.4	98.2
98	49.9	39.0	58.6





#37

1,2-Dichloropropane

Concen: 5.742 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

Instrument :

MSVOA_X

ClientSampleId :

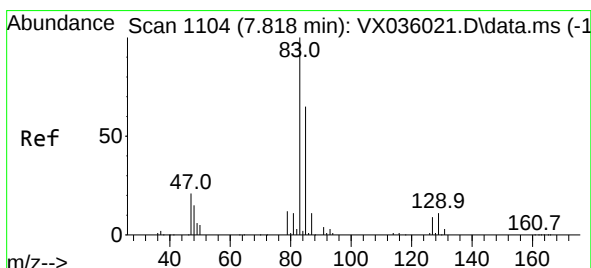
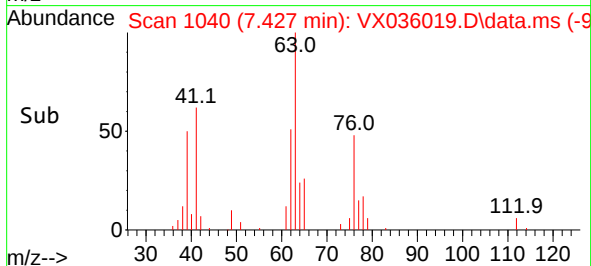
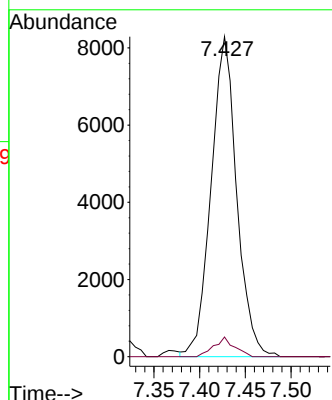
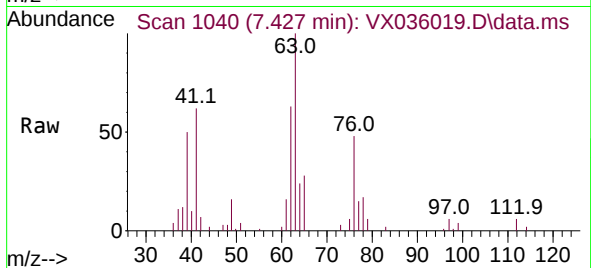
VSTD005638

Tgt Ion: 63 Resp: 16167

Ion Ratio Lower Upper

63 100

112 4.8 3.5 5.3



#38

Bromodichloromethane

Concen: 5.671 ug/L

RT: 7.817 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

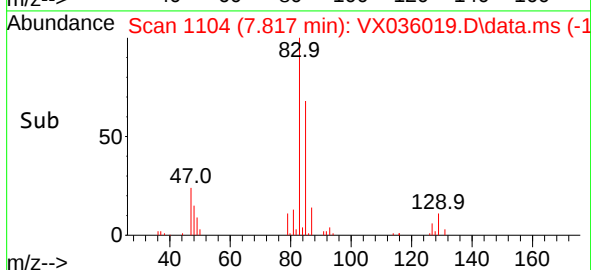
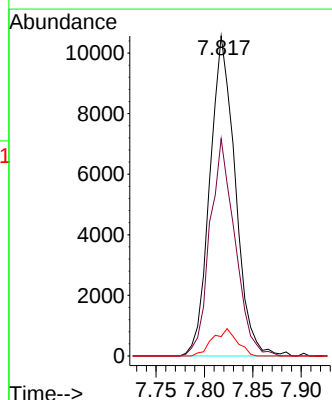
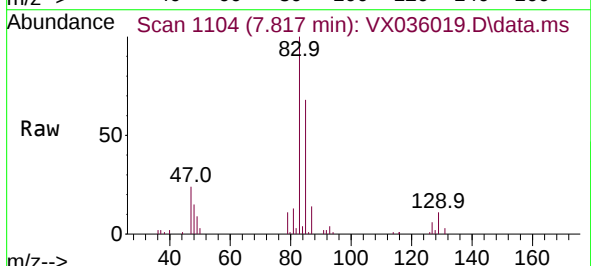
Tgt Ion: 83 Resp: 19276

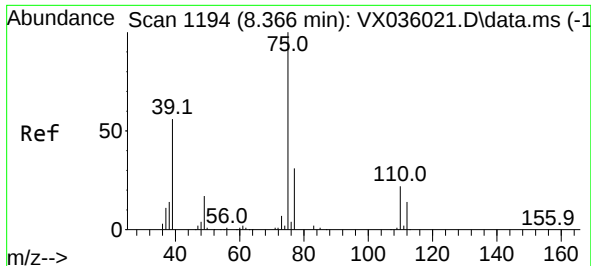
Ion Ratio Lower Upper

83 100

85 67.9 45.3 84.1

127 6.1 7.0 10.6#





#39

cis-1,3-Dichloropropene

Concen: 5.342 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

Instrument :

MSVOA_X

ClientSampleId :

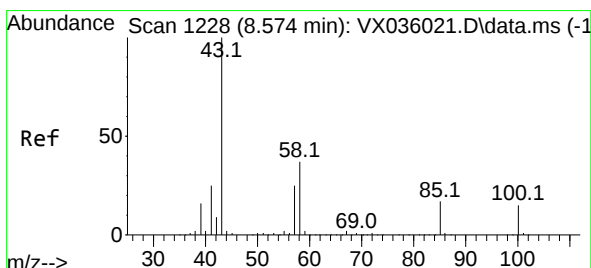
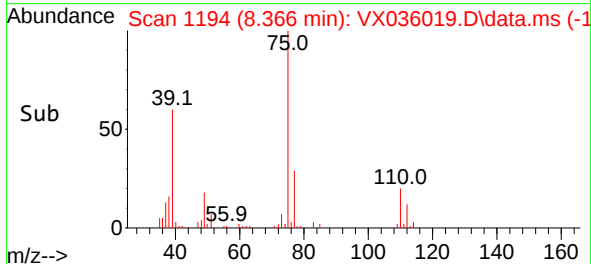
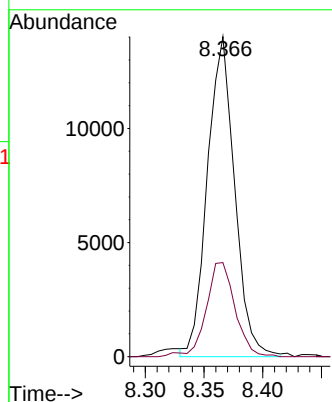
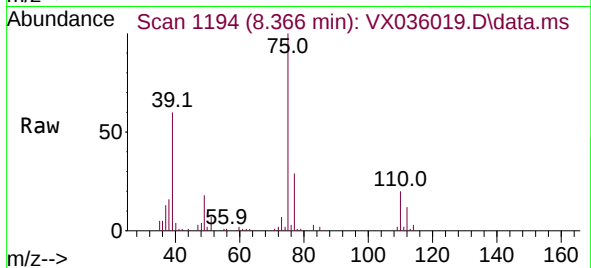
VSTD005638

Tgt Ion: 75 Resp: 22629

Ion Ratio Lower Upper

75 100

77 29.4 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 12.425 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

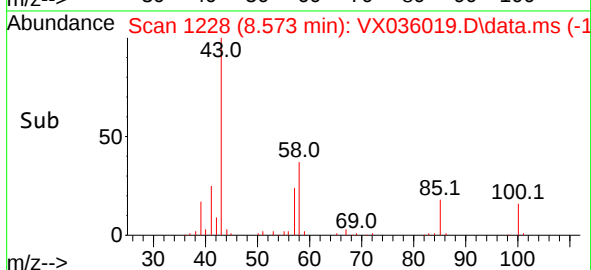
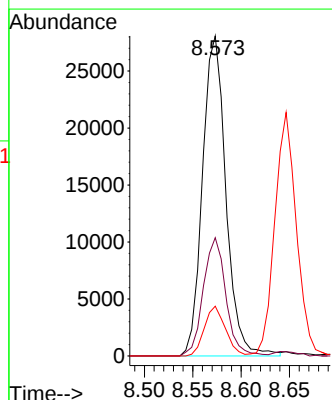
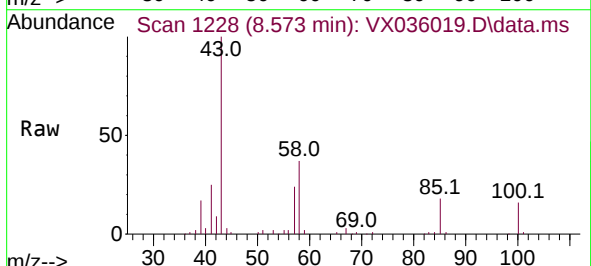
Tgt Ion: 43 Resp: 47443

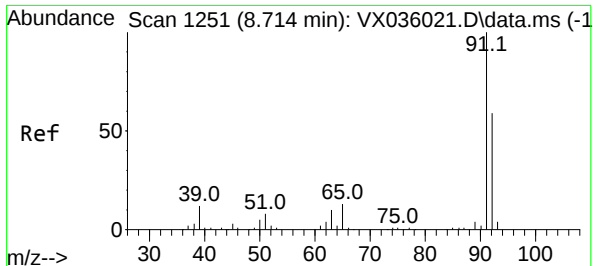
Ion Ratio Lower Upper

43 100

58 35.6 29.4 44.2

100 14.0 11.8 17.6





#42

Toluene

Concen: 5.800 ug/L

RT: 8.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

Instrument :

MSVOA_X

ClientSampleId :

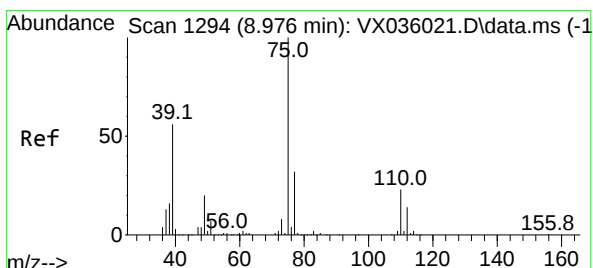
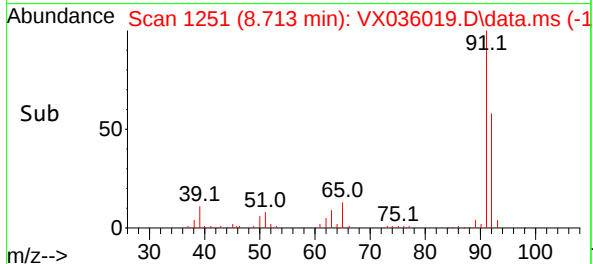
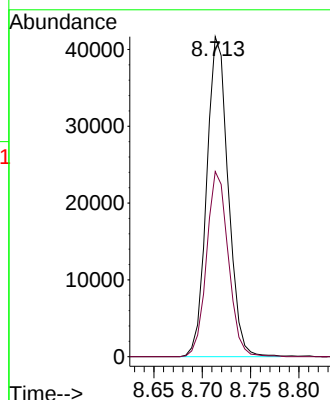
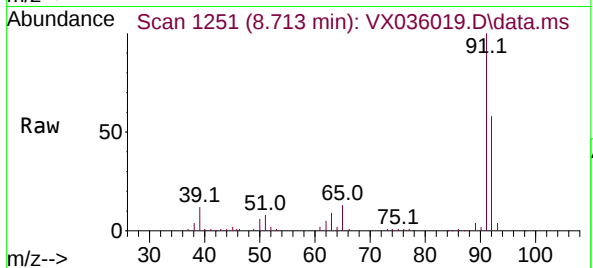
VSTD005638

Tgt Ion: 91 Resp: 64385

Ion Ratio Lower Upper

91 100

92 57.9 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 5.194 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX036019.D

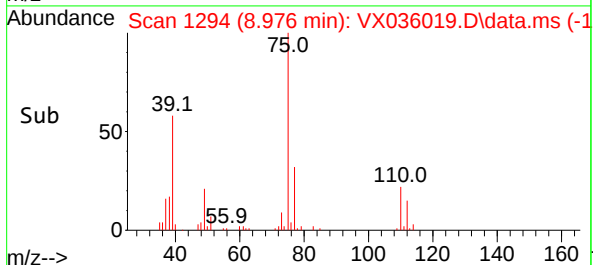
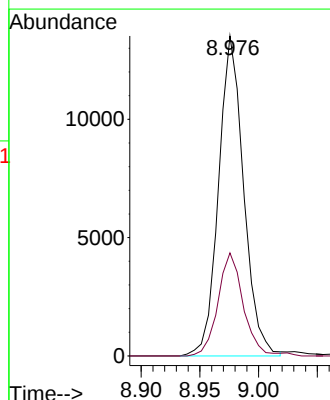
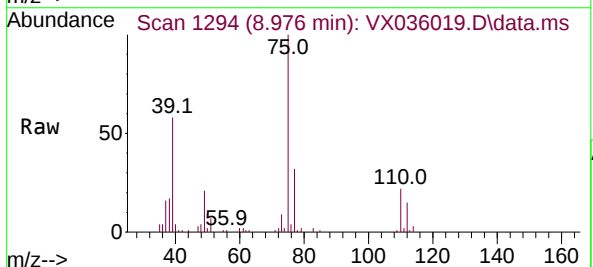
Acq: 06 Jun 2023 09:21

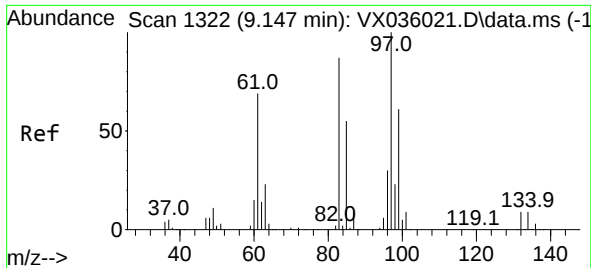
Tgt Ion: 75 Resp: 20078

Ion Ratio Lower Upper

75 100

77 32.2 22.0 41.0

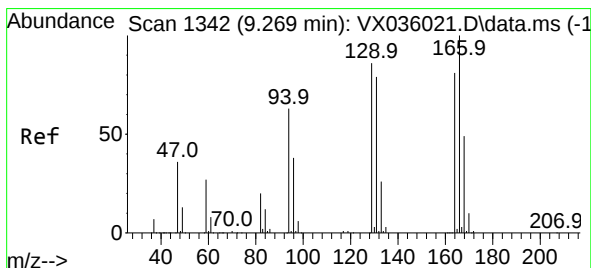
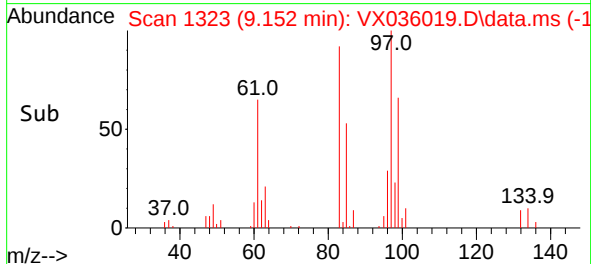
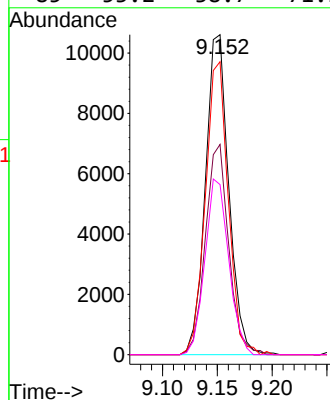
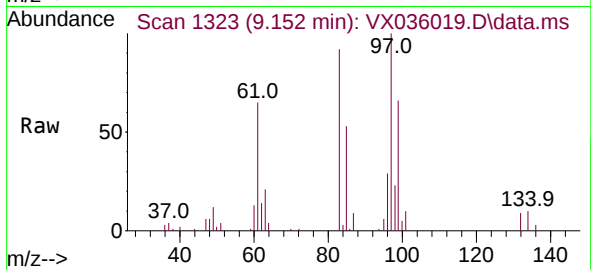




#45
1,1,2-Trichloroethane
Concen: 5.857 ug/L
RT: 9.152 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

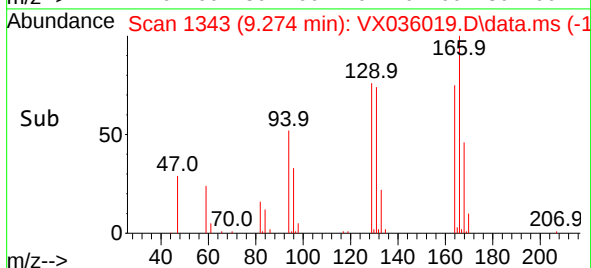
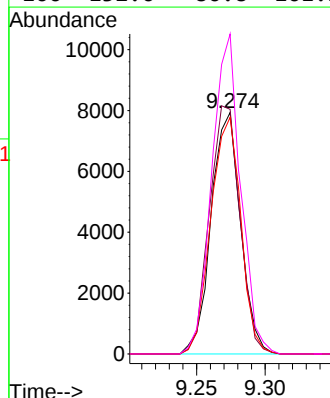
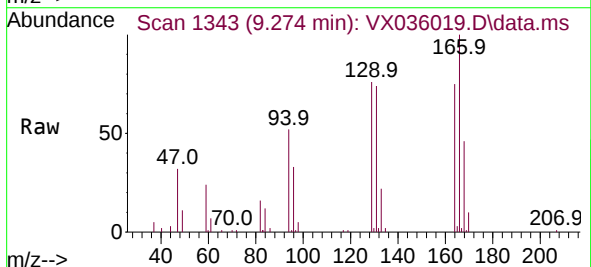
Instrument :
MSVOA_X
ClientSampleId :
VSTD005638

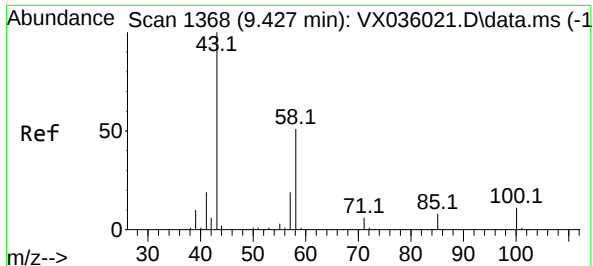
Tgt Ion: 97	Resp: 15750
Ion Ratio	Lower Upper
97 100	
99 65.7	42.9 79.7
83 91.5	61.0 113.2
85 53.2	38.7 71.9



#46
Tetrachloroethene
Concen: 5.688 ug/L
RT: 9.274 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

Tgt	Ion:164	Resp:	11827
Ion	Ratio	Lower	Upper
164	100		
129	101.4	74.8	139.0
131	98.0	68.9	127.9
166	132.6	86.8	161.2





#48

2-Hexanone

Concen: 13.863 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTD005638

Tgt Ion: 43 Resp: 40359

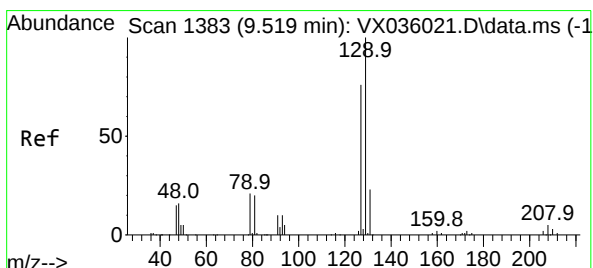
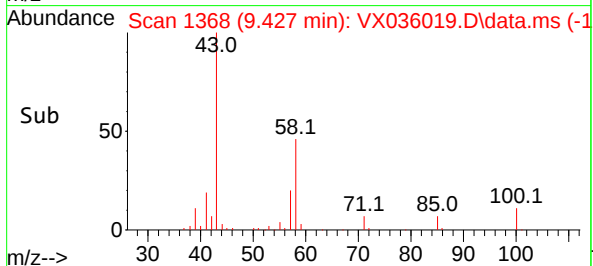
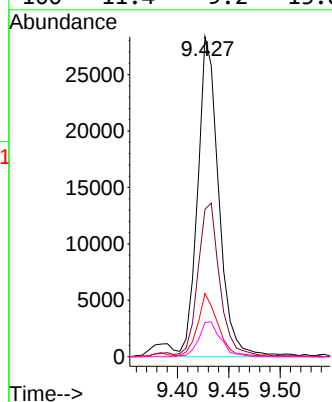
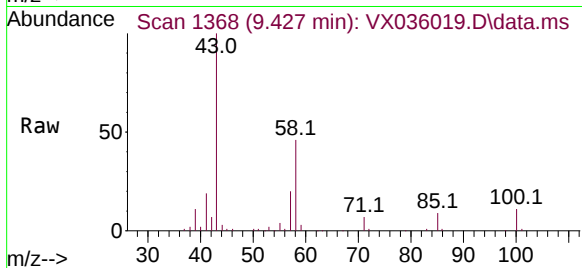
Ion Ratio Lower Upper

43 100

58 50.1 41.0 61.6

57 19.1 15.2 22.8

100 11.4 9.2 13.8



#49

Dibromochloromethane

Concen: 5.079 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX036019.D

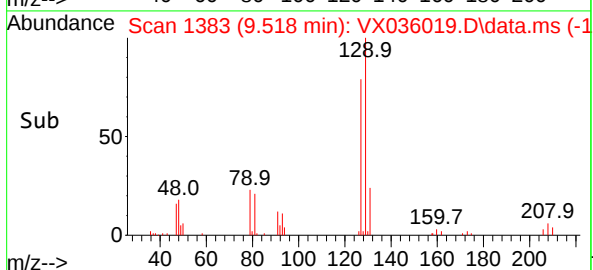
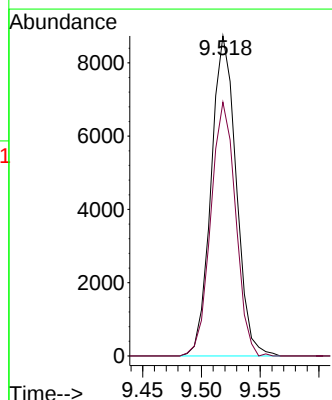
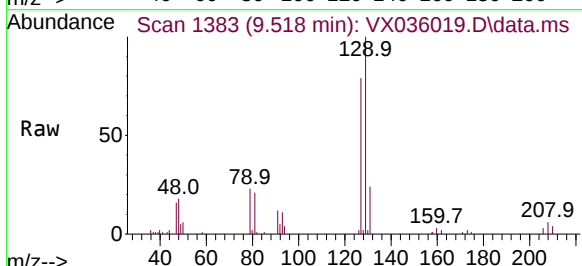
Acq: 06 Jun 2023 09:21

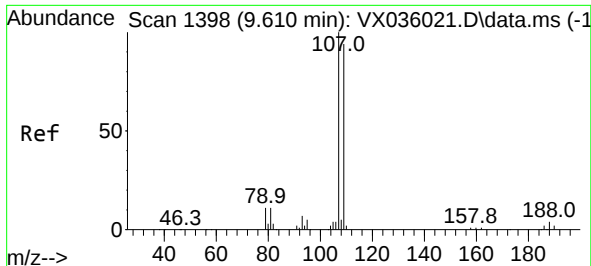
Tgt Ion: 129 Resp: 12957

Ion Ratio Lower Upper

129 100

127 79.3 53.3 98.9





#50

1,2-Dibromoethane

Concen: 5.735 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTD005638

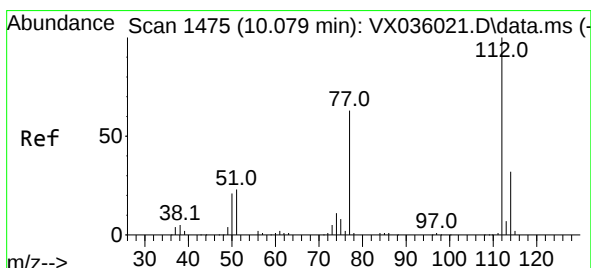
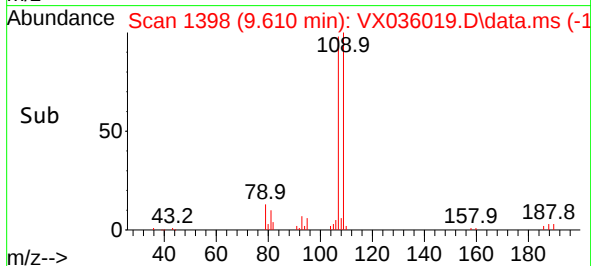
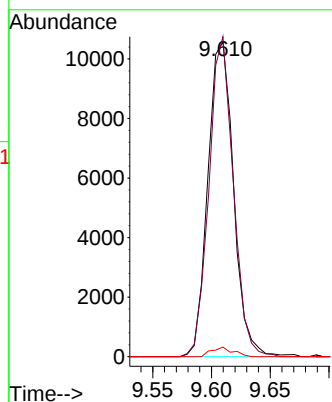
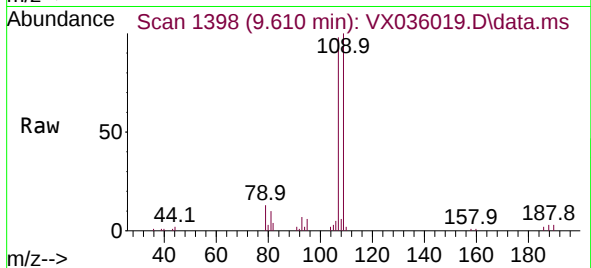
Tgt Ion:107 Resp: 16063

Ion Ratio Lower Upper

107 100

109 101.7 66.1 122.8

188 3.1 2.9 4.3



#51

Chlorobenzene

Concen: 5.807 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

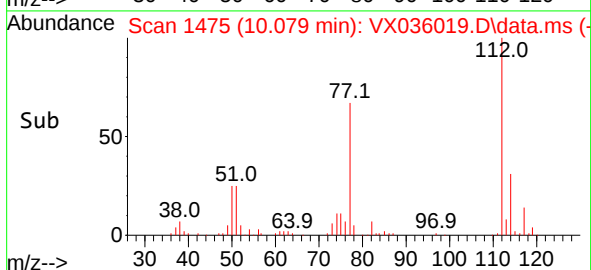
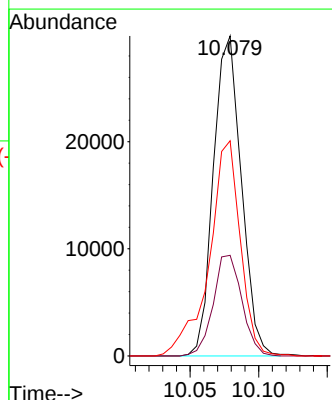
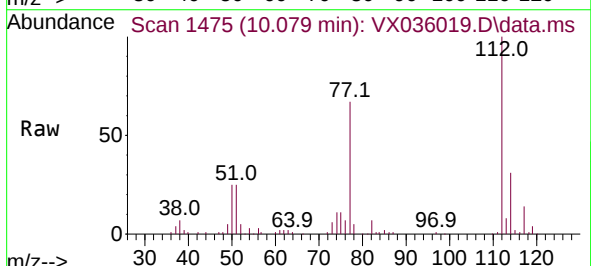
Tgt Ion:112 Resp: 42341

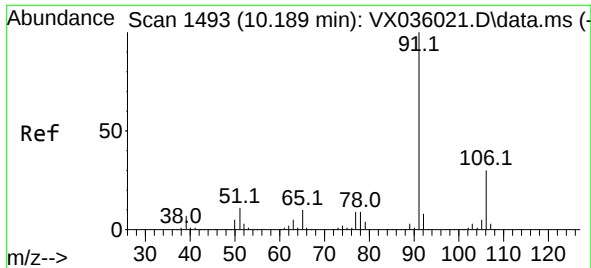
Ion Ratio Lower Upper

112 100

114 31.5 22.7 42.3

77 67.2 50.6 75.8

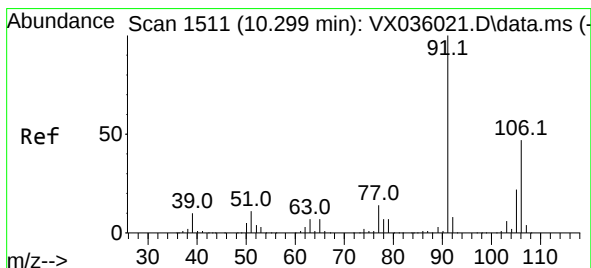
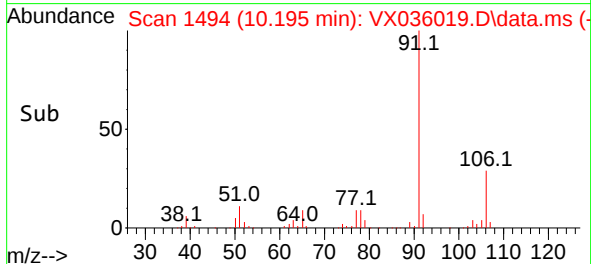
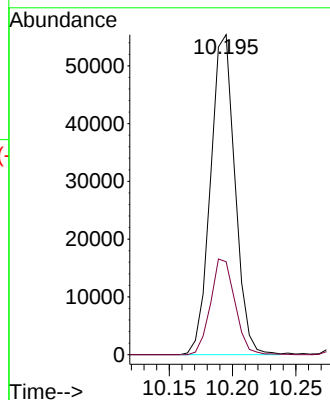
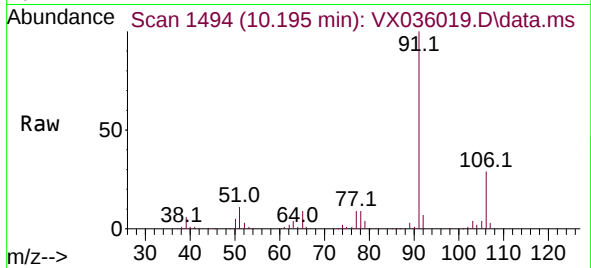




#52
Ethylbenzene
Concen: 6.024 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

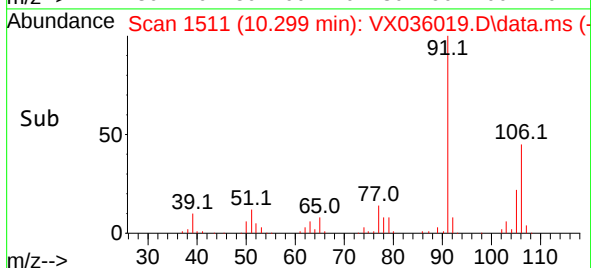
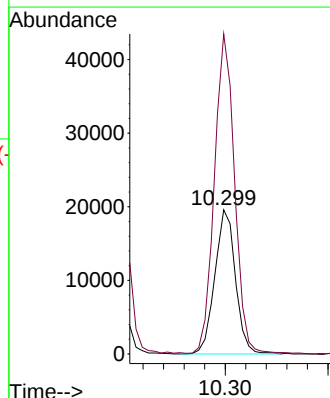
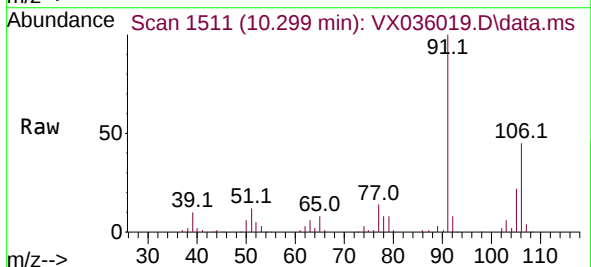
Instrument :
MSVOA_X
ClientSampleId :
VSTD005638

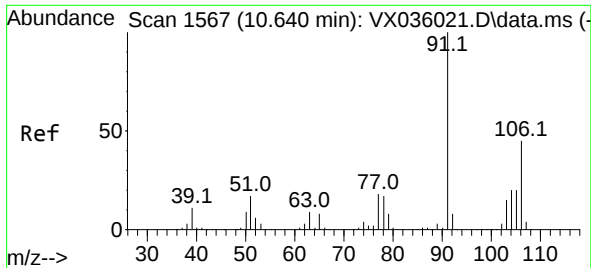
Tgt Ion: 91 Resp: 74502
Ion Ratio Lower Upper
91 100
106 29.0 20.8 38.6



#53
m,p-Xylene
Concen: 5.787 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

Tgt Ion: 106 Resp: 27237
Ion Ratio Lower Upper
106 100
91 221.9 149.8 278.2

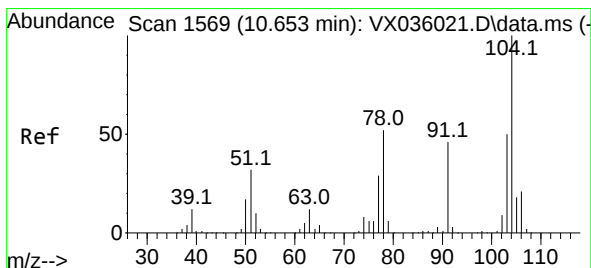
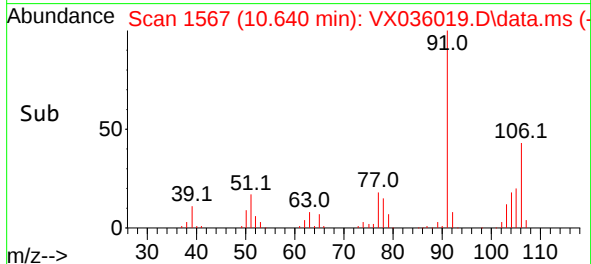
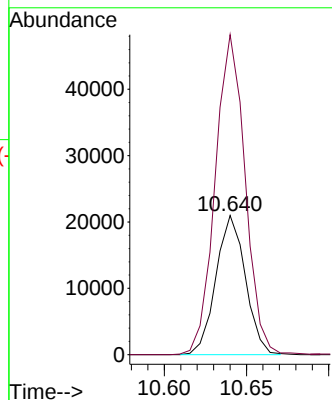
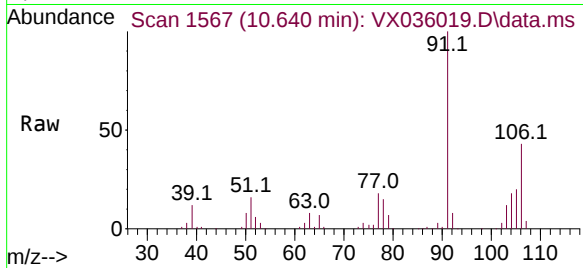




#54
o-Xylene
Concen: 5.652 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

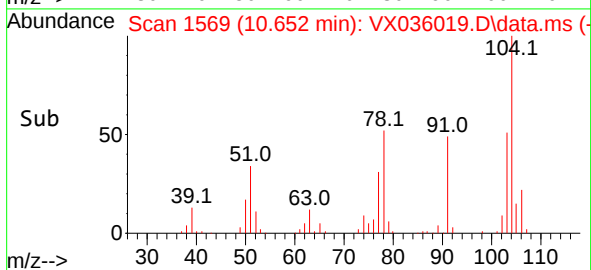
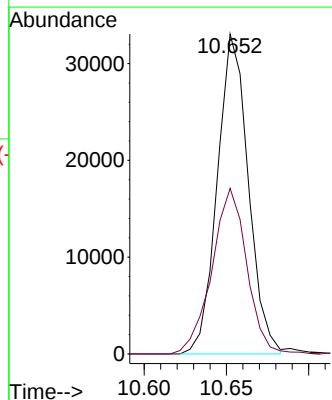
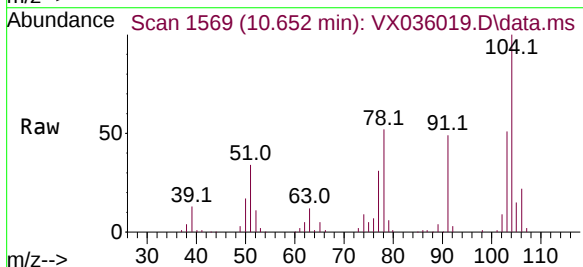
Instrument :
MSVOA_X
ClientSampleId :
VSTD005638

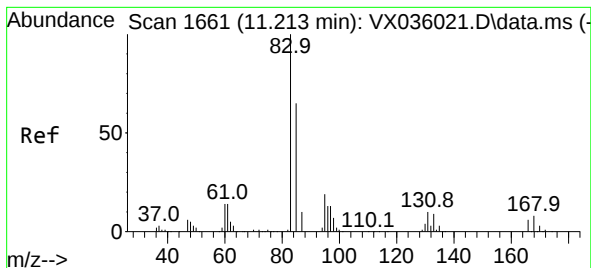
Tgt Ion:106 Resp: 26183
Ion Ratio Lower Upper
106 100
91 229.9 156.9 291.5



#55
Styrene
Concen: 5.516 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

Tgt Ion:104 Resp: 43303
Ion Ratio Lower Upper
104 100
78 51.7 36.1 67.1

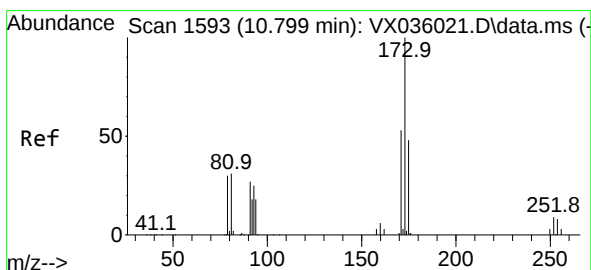
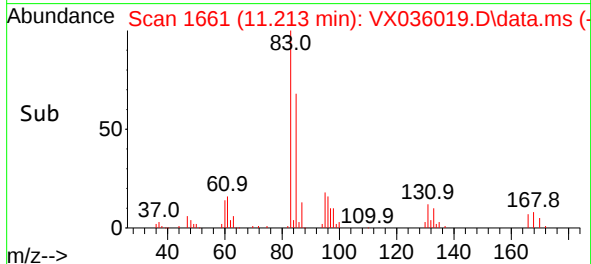
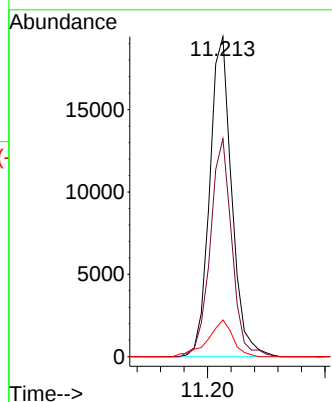
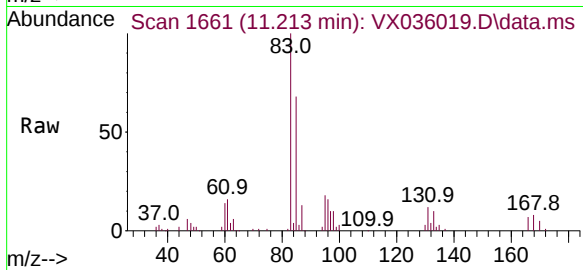




#57
1,1,2-Tetrachloroethane
Concen: 6.318 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

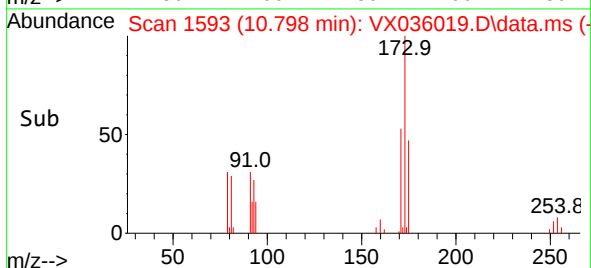
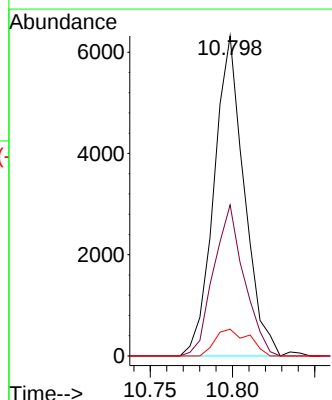
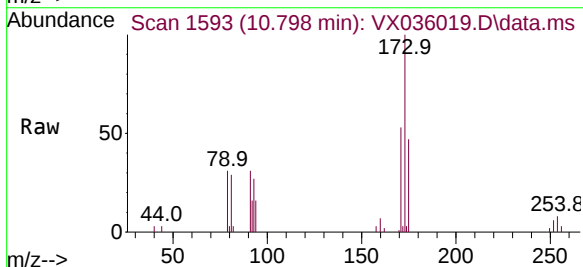
Instrument :
MSVOA_X
ClientSampleId :
VSTD005638

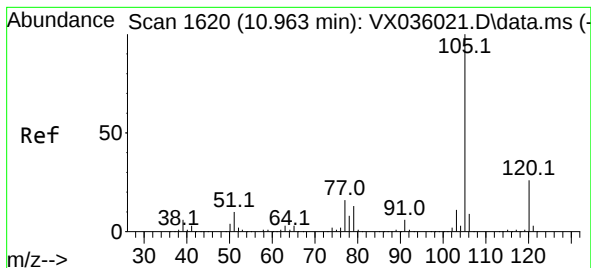
Tgt Ion: 83 Resp: 25316
Ion Ratio Lower Upper
83 100
85 68.1 45.6 84.8
131 11.5 8.1 12.1



#59
Bromoform
Concen: 4.251 ug/L
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

Tgt Ion: 173 Resp: 8054
Ion Ratio Lower Upper
173 100
175 47.8 38.2 57.2
254 9.4 6.6 10.0





#60

Isopropylbenzene

Concen: 5.807 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTD005638

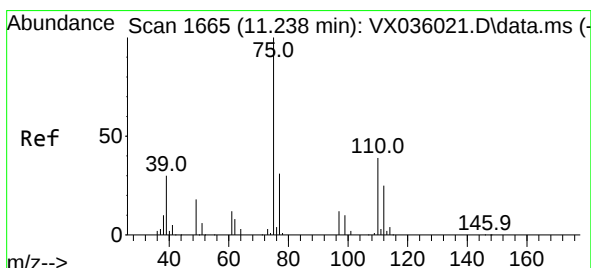
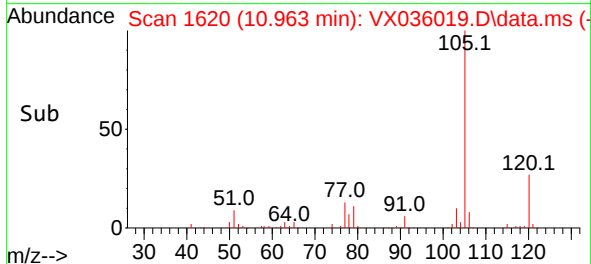
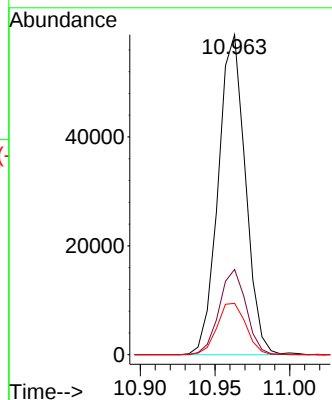
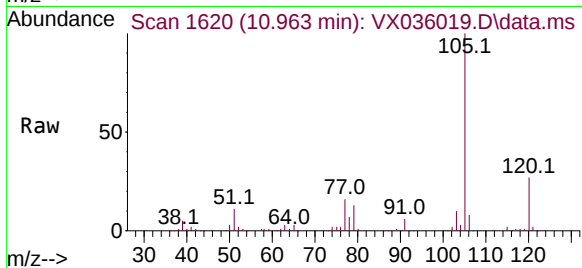
Tgt Ion:105 Resp: 74278

Ion Ratio Lower Upper

105 100

120 26.4 20.9 31.3

77 17.1 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 6.155 ug/L

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

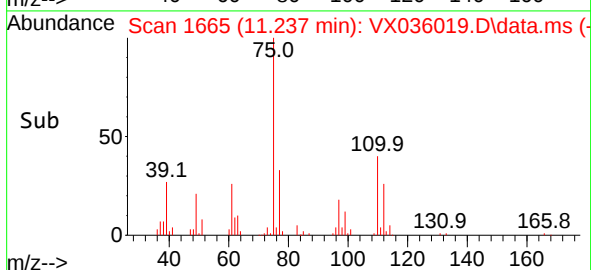
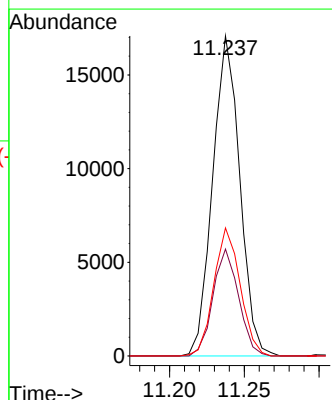
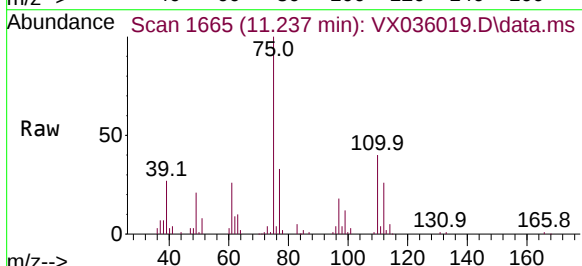
Tgt Ion: 75 Resp: 21532

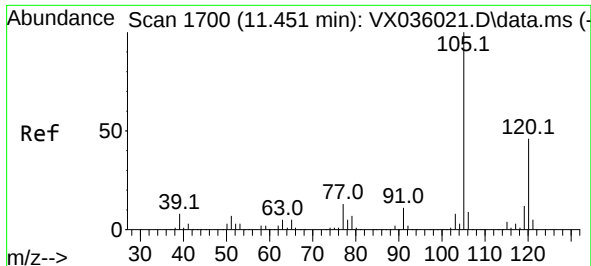
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

110 38.9 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 5.662 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

Instrument :

MSVOA_X

ClientSampleId :

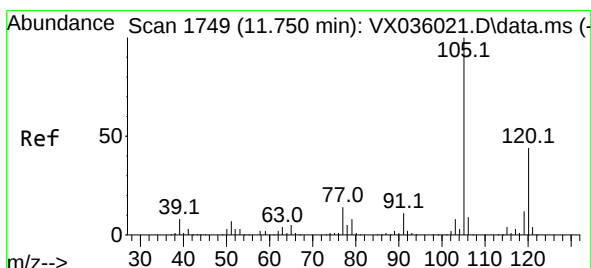
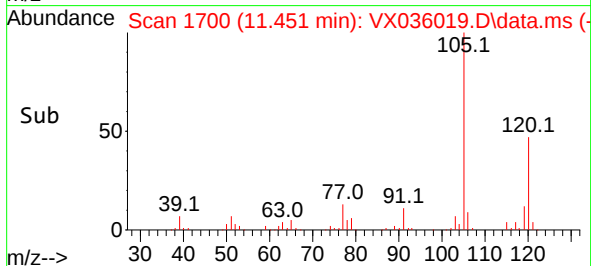
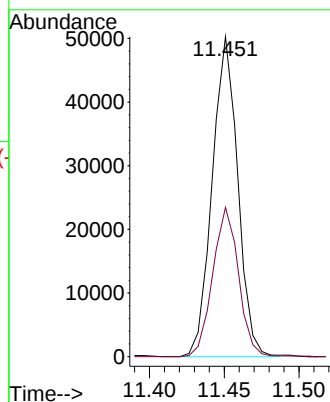
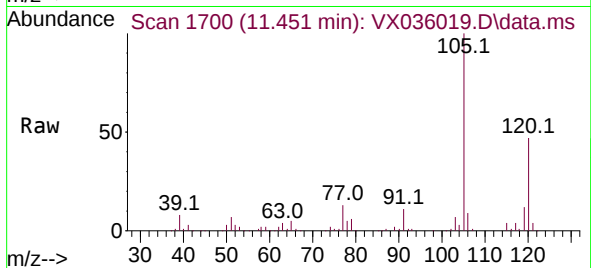
VSTD005638

Tgt Ion:105 Resp: 59670

Ion Ratio Lower Upper

105 100

120 47.2 37.0 55.4



#63

1,2,4-Trimethylbenzene

Concen: 5.259 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036019.D

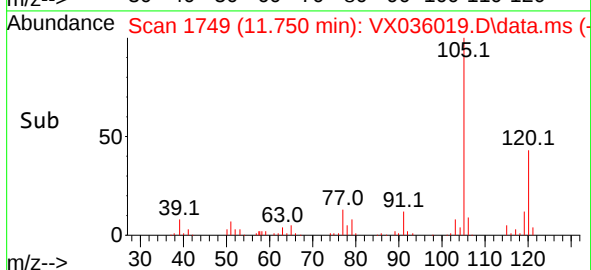
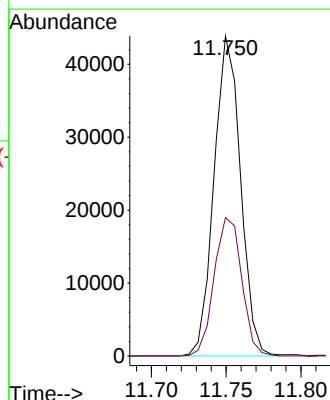
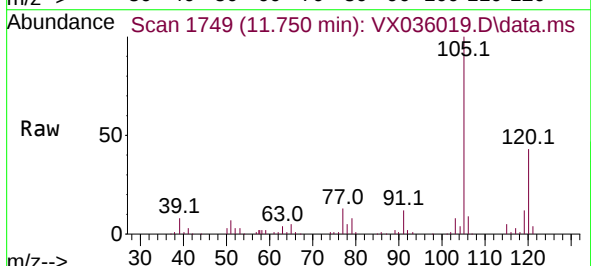
Acq: 06 Jun 2023 09:21

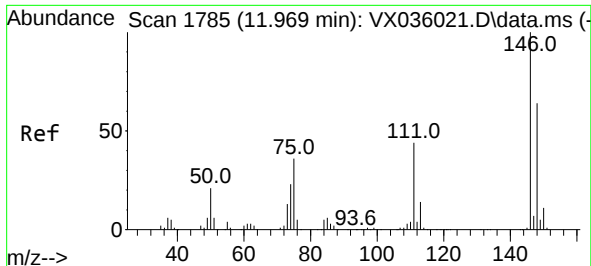
Tgt Ion:105 Resp: 54054

Ion Ratio Lower Upper

105 100

120 44.9 35.0 52.6

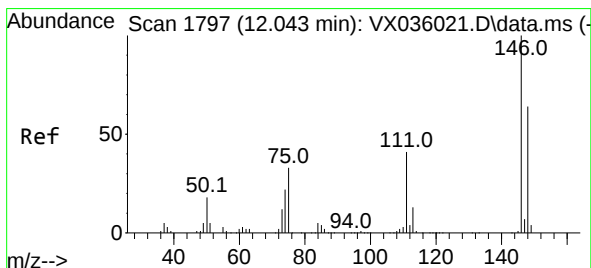
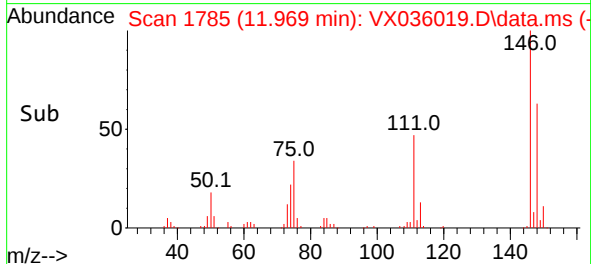
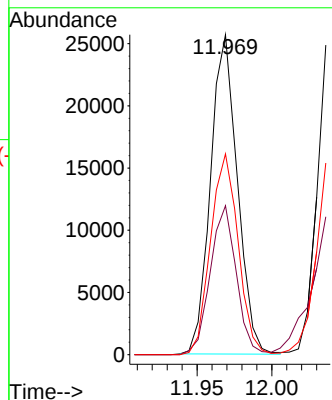
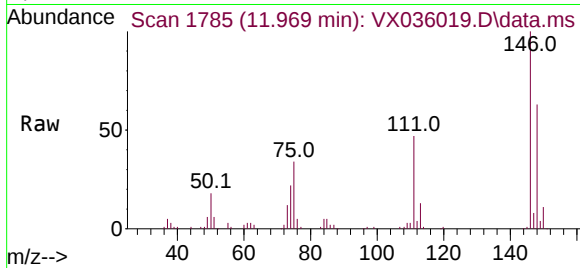




#64
1,3-Dichlorobenzene
Concen: 5.552 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

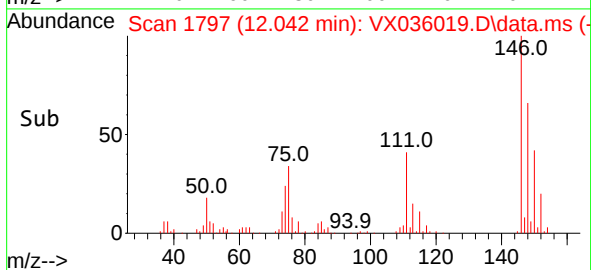
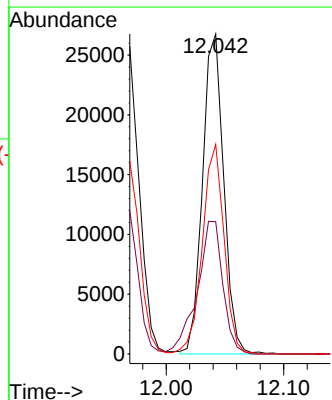
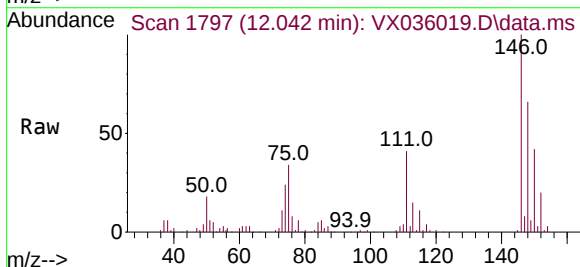
Instrument :
MSVOA_X
ClientSampleId :
VSTD005638

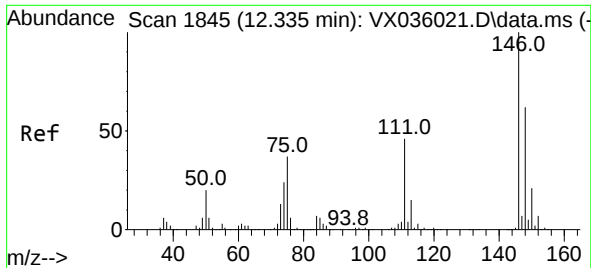
Tgt Ion:146 Resp: 32037
Ion Ratio Lower Upper
146 100
111 46.6 30.9 57.3
148 62.7 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.683 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

Tgt Ion:146 Resp: 33557
Ion Ratio Lower Upper
146 100
111 41.4 28.8 53.4
148 65.5 44.5 82.7

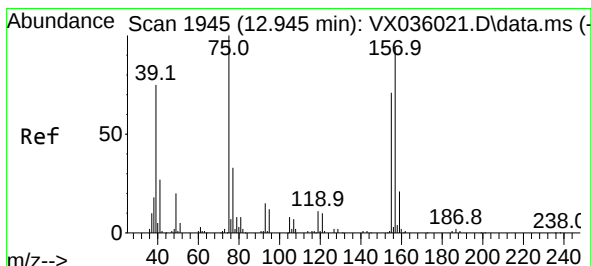
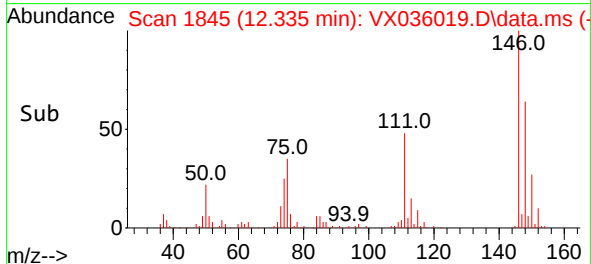
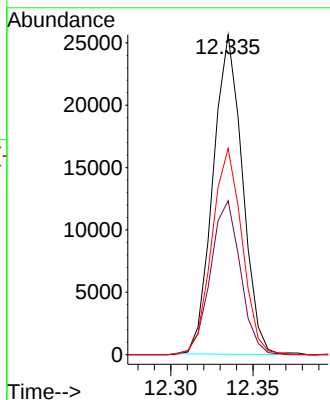
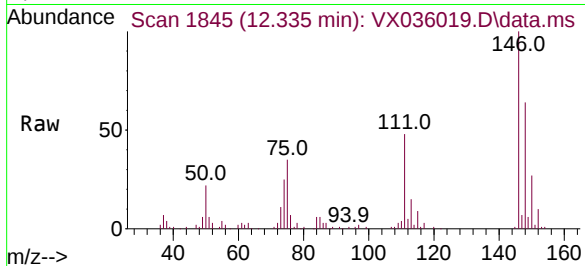




#67
1,2-Dichlorobenzene
Concen: 5.445 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

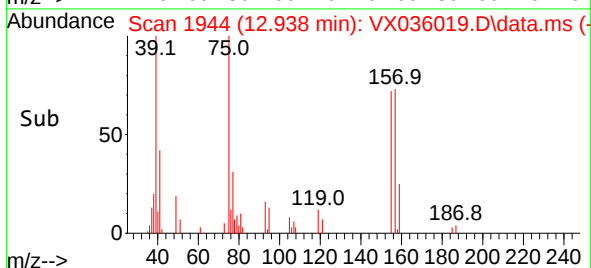
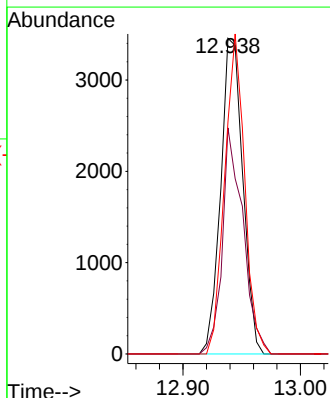
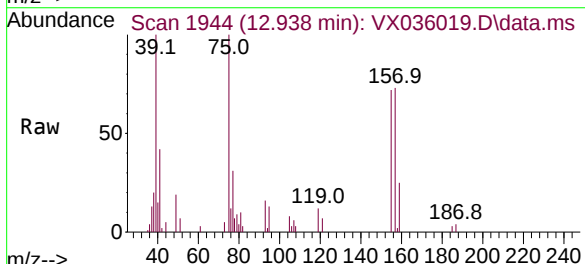
Instrument :
MSVOA_X
ClientSampleId :
VSTD005638

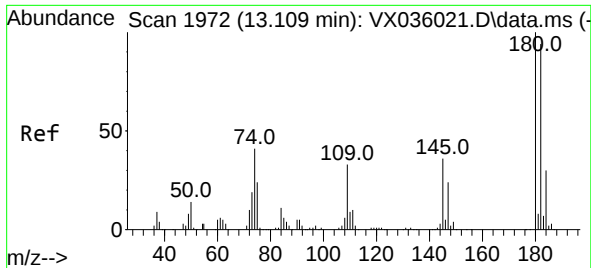
Tgt Ion:146 Resp: 31769
Ion Ratio Lower Upper
146 100
111 48.1 37.0 55.4
148 64.5 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.213 ug/L
RT: 12.938 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036019.D
Acq: 06 Jun 2023 09:21

Tgt Ion: 75 Resp: 4524
Ion Ratio Lower Upper
75 100
155 71.6 57.0 85.6
157 73.5 75.2 112.8#

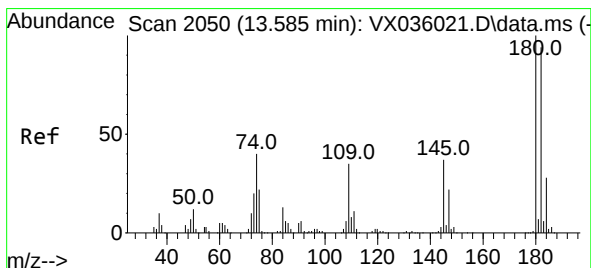
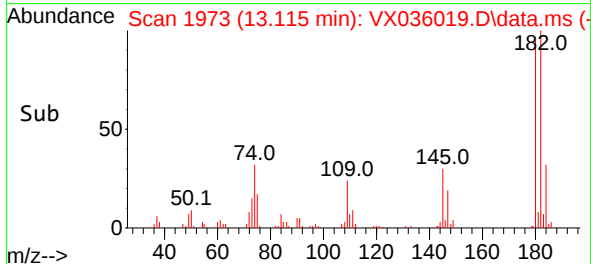
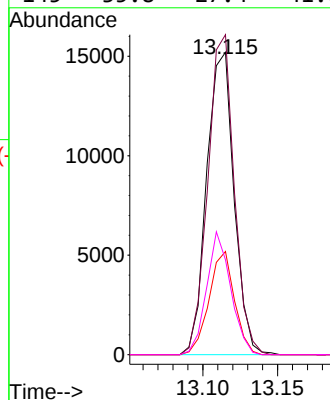
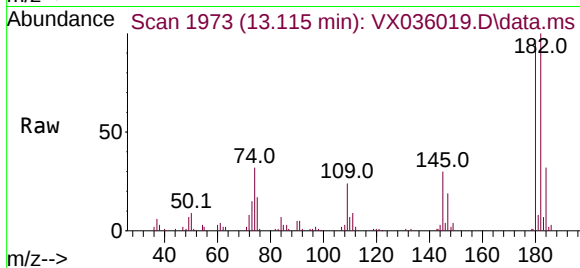




#69
 1,3,5-Trichlorobenzene
 Concen: 5.427 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. 0.006 min
 Lab File: VX036019.D
 Acq: 06 Jun 2023 09:21

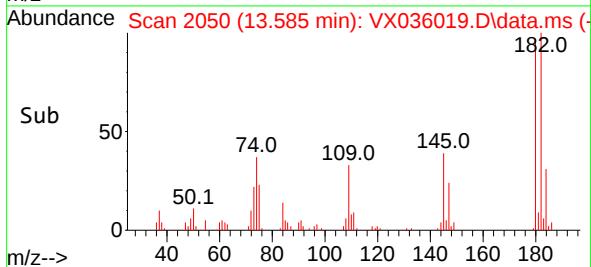
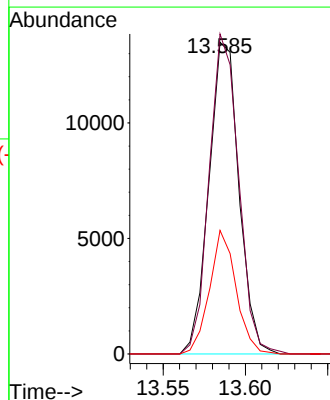
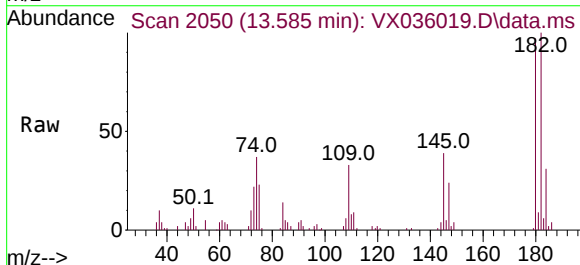
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005638

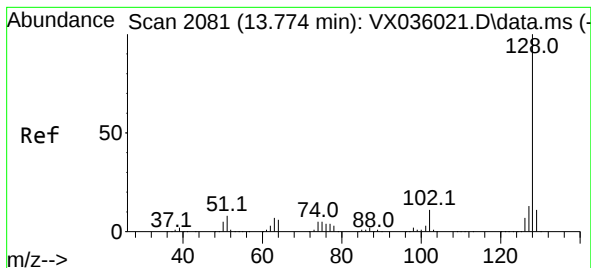
Tgt Ion:180	Resp:	19358
Ion Ratio	Lower	Upper
180	100	
182	101.8	76.0 114.0
184	31.9	23.8 35.8
145	35.8	27.4 41.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.161 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX036019.D
 Acq: 06 Jun 2023 09:21

Tgt Ion:180	Resp:	17143
Ion Ratio	Lower	Upper
180	100	
182	100.0	74.6 112.0
145	35.0	28.6 42.8





#71

Naphthalene

Concen: 4.653 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTD005638

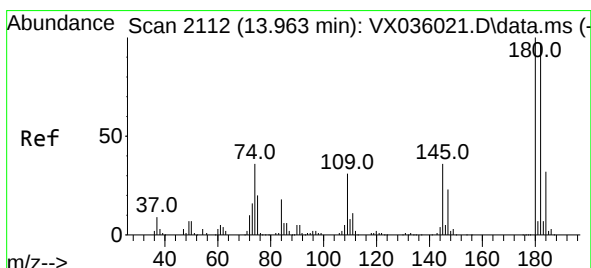
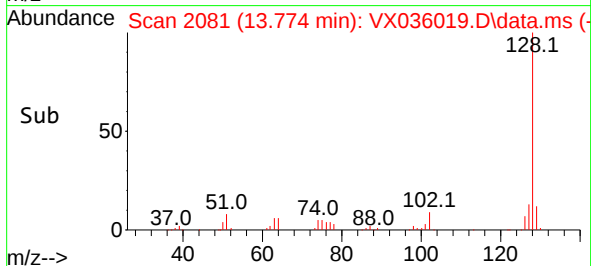
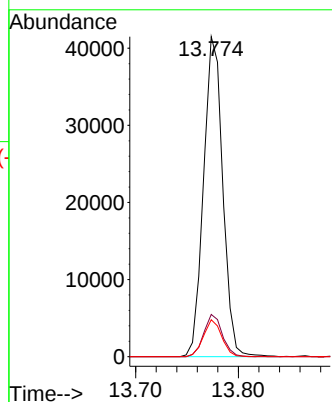
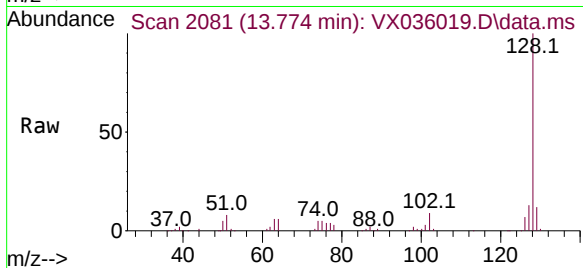
Tgt Ion:128 Resp: 53940

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 5.419 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX036019.D

Acq: 06 Jun 2023 09:21

Tgt Ion:180 Resp: 17693

Ion Ratio Lower Upper

180 100

182 95.4 75.4 113.2

145 36.8 29.4 44.0

