

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060823\
 Data File : VX036069.D
 Acq On : 08 Jun 2023 14:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050690

Quant Time: Jun 09 02:22:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:37:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	243119	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	221753	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	110747	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	76357	46.227	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.460%
7) Chloroethane-d5	1.672	69	62440	49.289	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.580%
11) 1,1-Dichloroethene-d2	2.306	65	40311	48.133	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.260%
21) 2-Butanone-d5	4.464	46	170918	126.240	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.240%
24) Chloroform-d	5.056	84	175215	50.870	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.740%
26) 1,2-Dichloroethane-d4	5.952	65	131162	52.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.380%
32) Benzene-d6	5.970	84	335739	50.329	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.660%
36) 1,2-Dichloropropane-d6	7.305	67	108081	52.126	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.260%
41) Toluene-d8	8.647	98	306307	49.889	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.780%
43) trans-1,3-Dichloroprop...	8.945	79	49095	49.327	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.660%
47) 2-Hexanone-d5	9.384	63	113788	123.243	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.240%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	158747	56.052	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.100%
66) 1,2-Dichlorobenzene-d4	12.317	152	107860	50.164	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	118382	51.128	ug/L	99
3) Chloromethane	1.294	50	100152	45.909	ug/L	98
5) Vinyl chloride	1.374	62	96734	47.839	ug/L	100
6) Bromomethane	1.617	94	51281	43.530	ug/L	95
8) Chloroethane	1.691	64	58609	48.863	ug/L	99
9) Trichlorofluoromethane	1.886	101	143924	50.602	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	92311	49.726	ug/L	99
12) 1,1-Dichloroethene	2.319	96	78677	48.700	ug/L	97
13) Acetone	2.404	43	122765	85.819	ug/L	99
14) Carbon disulfide	2.514	76	195412	44.076	ug/L	99
15) Methyl Acetate	2.709	43	128371	58.001	ug/L	98
16) Methylene chloride	2.788	84	93638	50.477	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	82849	47.866	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	318602	51.734	ug/L	100
19) 1,1-Dichloroethane	3.605	63	175159	50.759	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	98288	49.491	ug/L	97
22) 2-Butanone	4.568	43	184752	108.133	ug/L	99
23) Bromochloromethane	4.897	128	48746	49.454	ug/L	97
25) Chloroform	5.092	83	193740	51.612	ug/L	99

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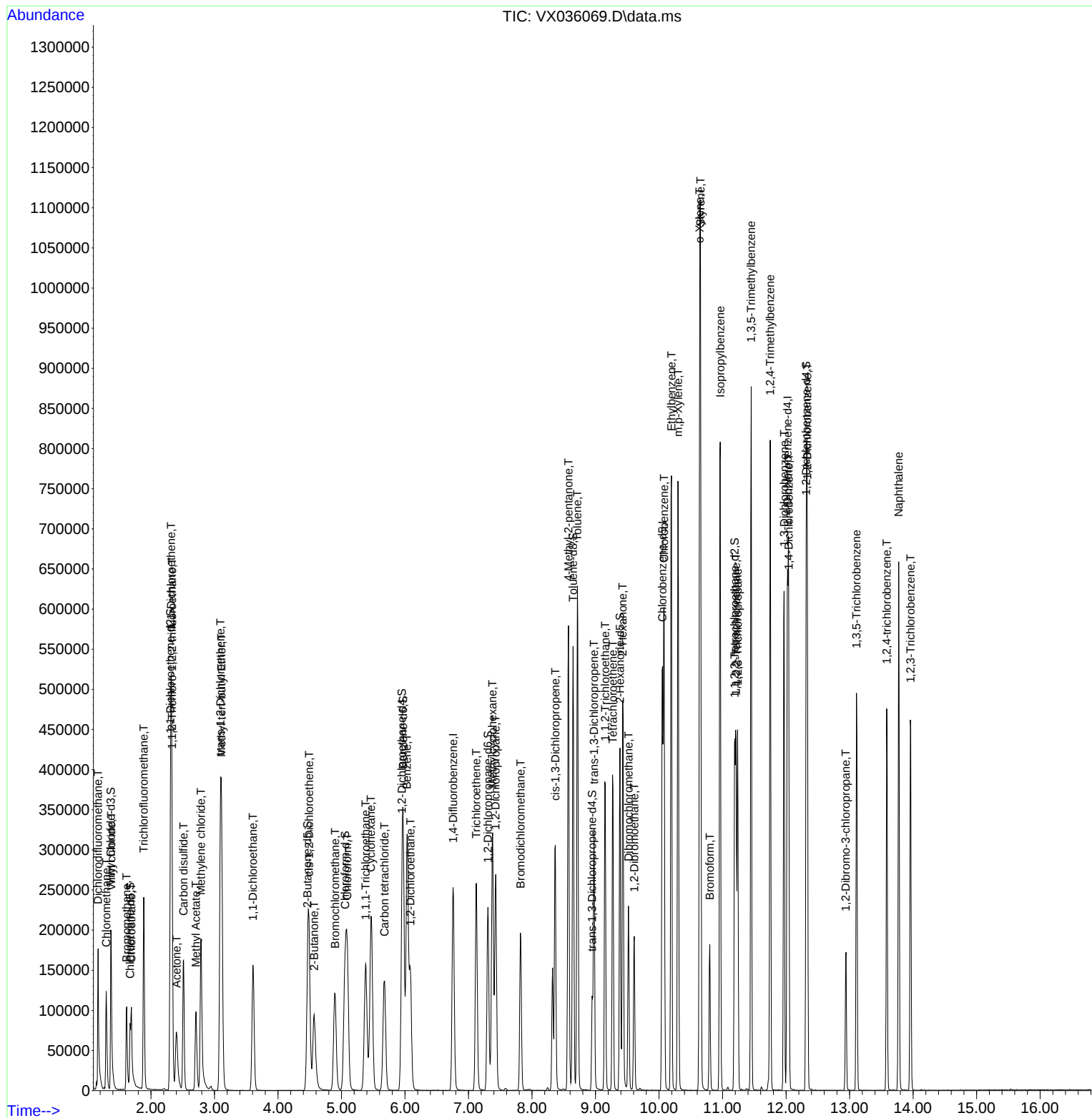
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	166958	52.128	ug/L	100
29) Cyclohexane	5.464	56	145830	47.347	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	152158	49.513	ug/L	100
31) Carbon tetrachloride	5.678	117	125066	49.006	ug/L	99
33) Benzene	6.031	78	367464	49.738	ug/L	100
34) Trichloroethene	7.123	95	96644	48.570	ug/L	93
35) Methylcyclohexane	7.379	83	137444	47.054	ug/L	100
37) 1,2-Dichloropropane	7.427	63	100466	51.814	ug/L	100
38) Bromodichloromethane	7.818	83	128508	51.408	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	156658	51.711	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	340494	116.598	ug/L	100
42) Toluene	8.714	91	385727	50.199	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	145081	51.142	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	99005	52.171	ug/L	98
46) Tetrachloroethene	9.275	164	67016	48.163	ug/L	97
48) 2-Hexanone	9.427	43	267435	116.061	ug/L	100
49) Dibromochloromethane	9.518	129	92595	51.426	ug/L	98
50) 1,2-Dibromoethane	9.610	107	105814	52.770	ug/L	98
51) Chlorobenzene	10.079	112	247342	48.927	ug/L	98
52) Ethylbenzene	10.195	91	436159	49.285	ug/L	98
53) m,p-Xylene	10.299	106	163976	48.858	ug/L	99
54) o-Xylene	10.640	106	159599	48.652	ug/L	97
55) Styrene	10.652	104	275709	49.453	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	162221	54.386	ug/L	100
59) Bromoform	10.799	173	61143	52.806	ug/L	98
60) Isopropylbenzene	10.963	105	417010	49.187	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	134647	56.853	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	356429	50.547	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	324508	49.731	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	181821	49.525	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	182661	48.640	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	181947	50.732	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	35000	58.516	ug/L	89
69) 1,3,5-Trichlorobenzene	13.109	180	105713	47.043	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	99806	48.622	ug/L	99
71) Naphthalene	13.774	128	368472	54.580	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	100548	49.261	ug/L	97

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

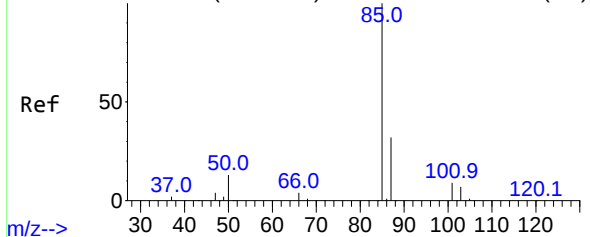
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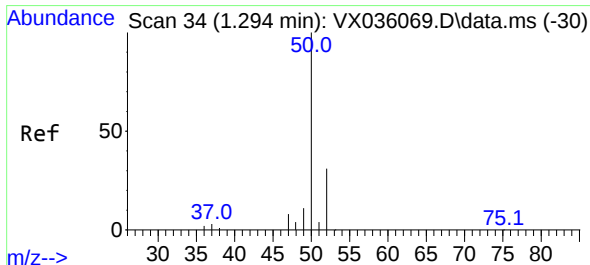
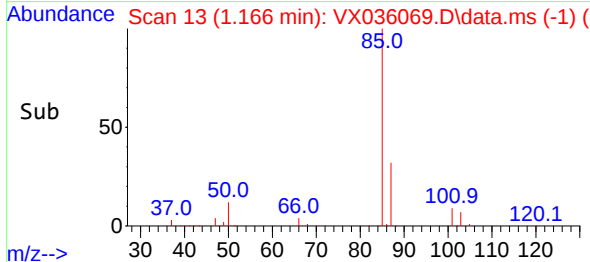
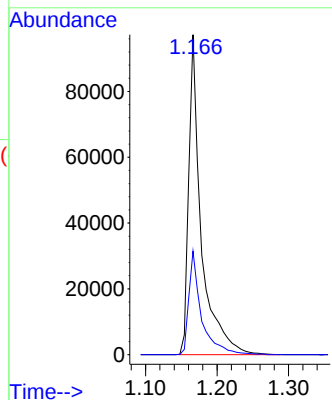
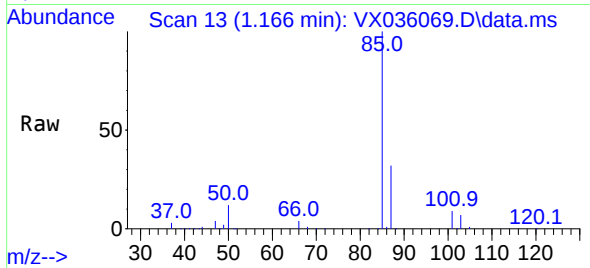
Abundance Scan 13 (1.166 min): VX036069.D\data.ms (-10)



#2
Dichlorodifluoromethane
Concen: 51.128 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

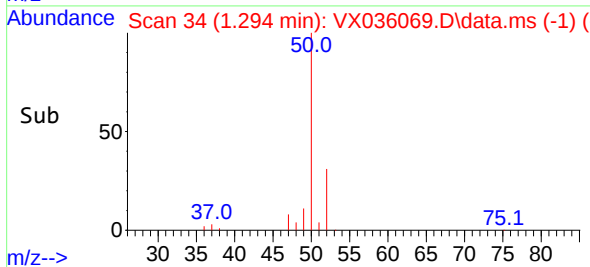
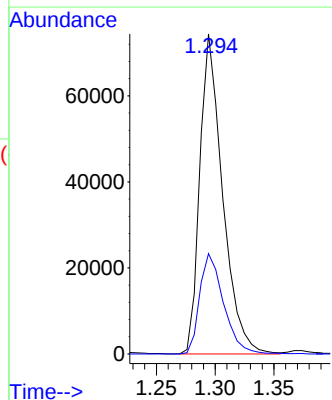
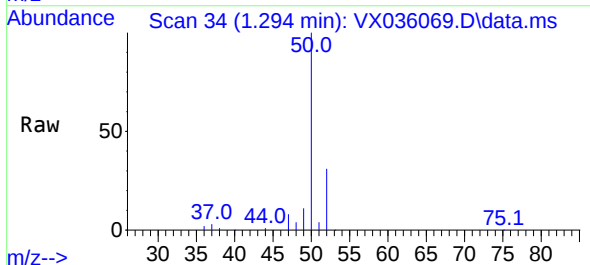
Instrument :
MSVOA_X
ClientSampleId :
VSTD050690

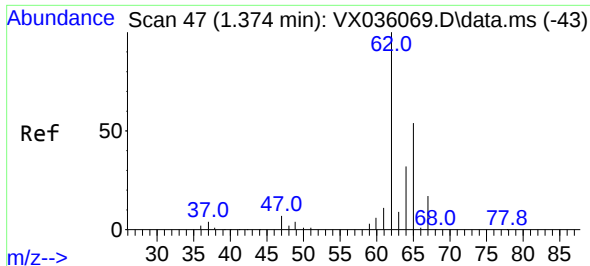
Tgt Ion: 85 Resp: 118382
Ion Ratio Lower Upper
85 100
87 32.5 26.4 39.6



#3
Chloromethane
Concen: 45.909 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Tgt Ion: 50 Resp: 100152
Ion Ratio Lower Upper
50 100
52 31.4 22.5 41.9

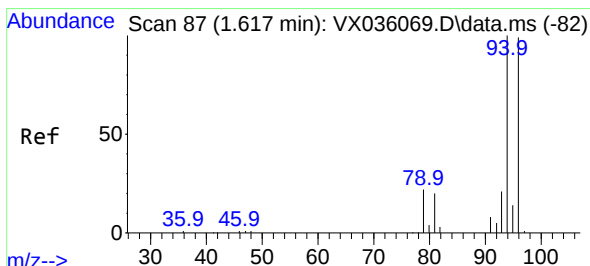
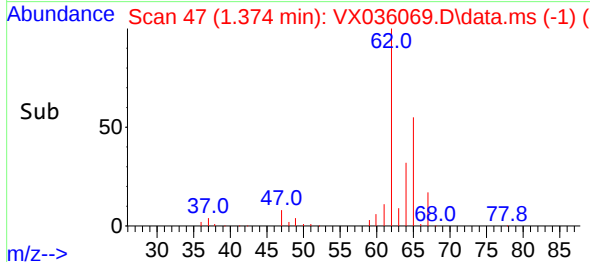
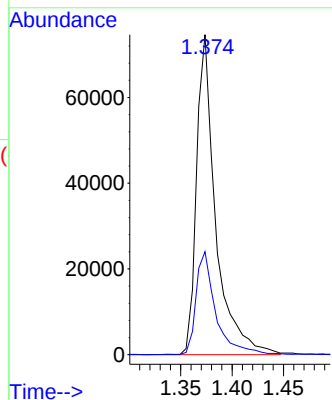
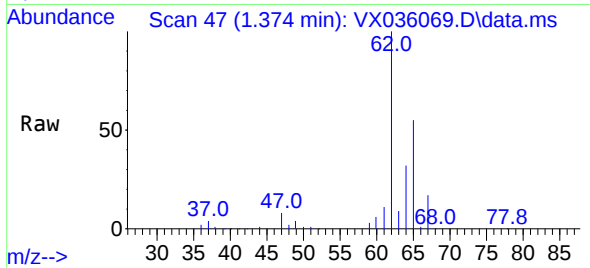




#5
 Vinyl chloride
 Concen: 47.839 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX036069.D
 Acq: 08 Jun 2023 14:10

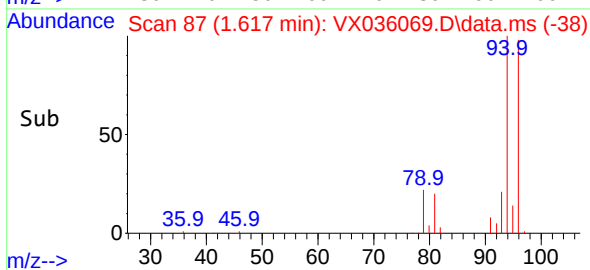
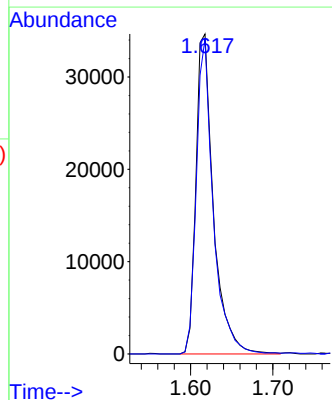
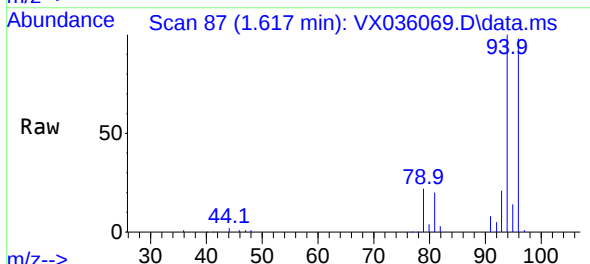
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050690

Tgt Ion: 62 Resp: 96734
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.7 42.1

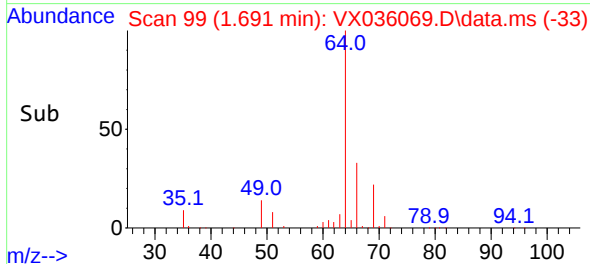
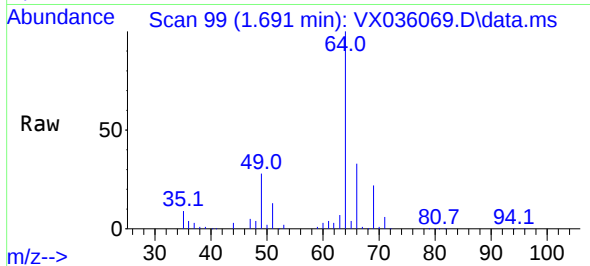
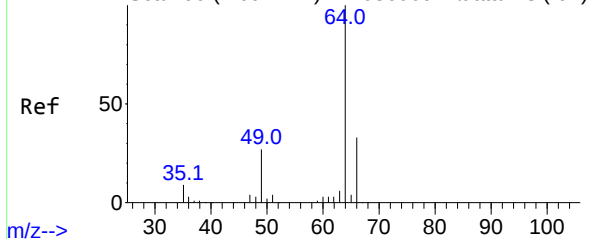


#6
 Bromomethane
 Concen: 43.530 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX036069.D
 Acq: 08 Jun 2023 14:10

Tgt Ion: 94 Resp: 51281
 Ion Ratio Lower Upper
 94 100
 96 98.5 65.8 122.2



Abundance Scan 99 (1.691 min): VX036069.D\data.ms (-94)



#8

Chloroethane

Concen: 48.863 ug/L

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX036069.D

Acq: 08 Jun 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

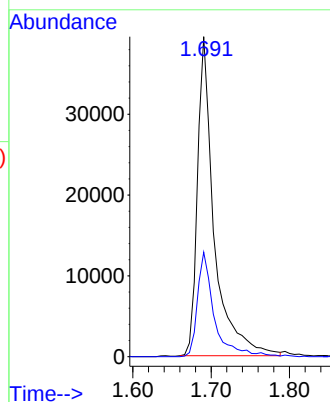
VSTD050690

Tgt Ion: 64 Resp: 58609

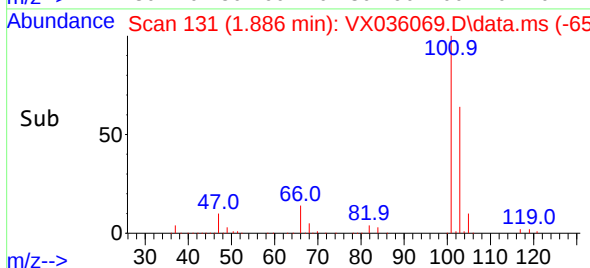
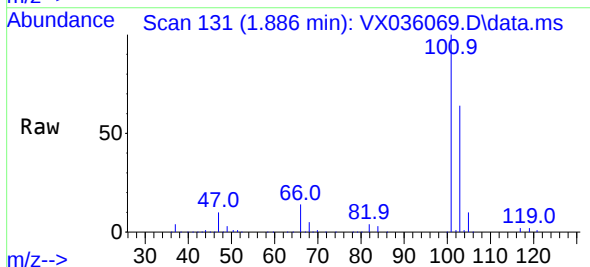
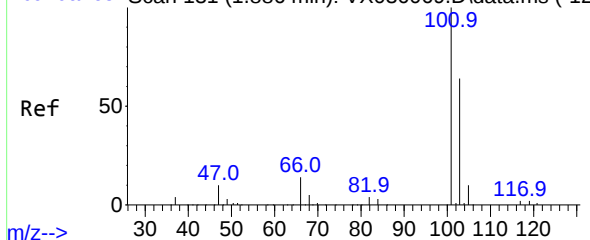
Ion Ratio Lower Upper

64 100

66 32.7 22.5 41.7



Abundance Scan 131 (1.886 min): VX036069.D\data.ms (-12)



#9

Trichlorofluoromethane

Concen: 50.602 ug/L

RT: 1.886 min Scan# 131

Delta R.T. 0.000 min

Lab File: VX036069.D

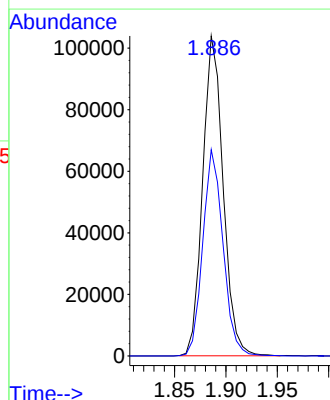
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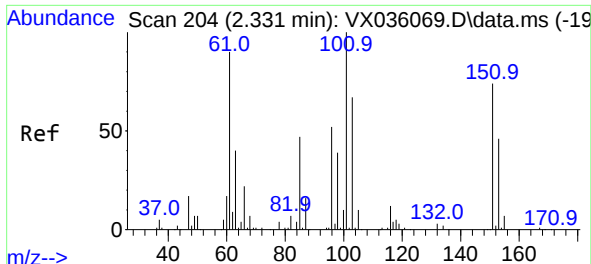
Tgt Ion:101 Resp: 143924

Ion Ratio Lower Upper

101 100

103 64.0 51.4 77.0

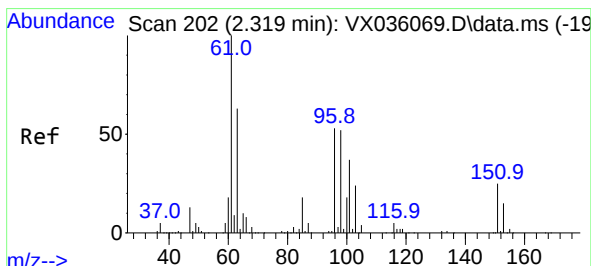
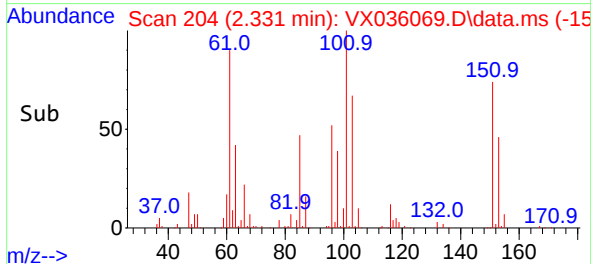
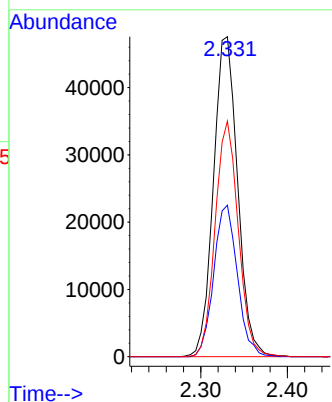
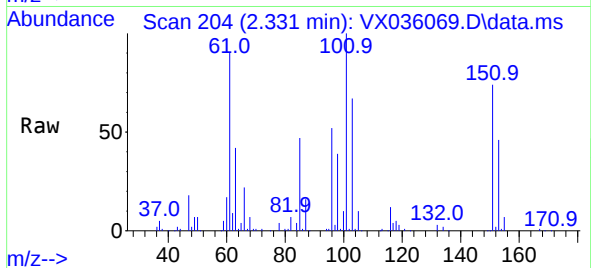




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.726 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

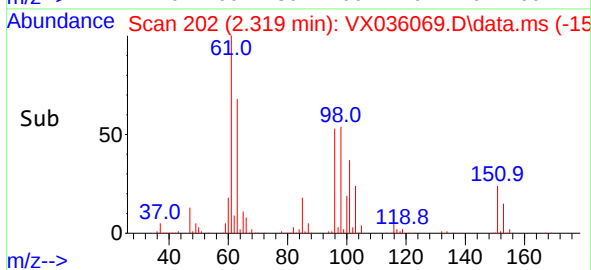
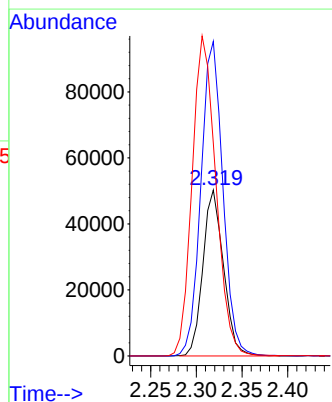
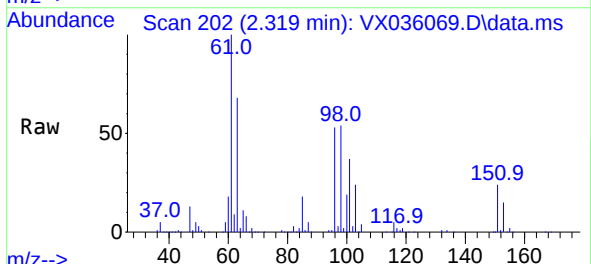
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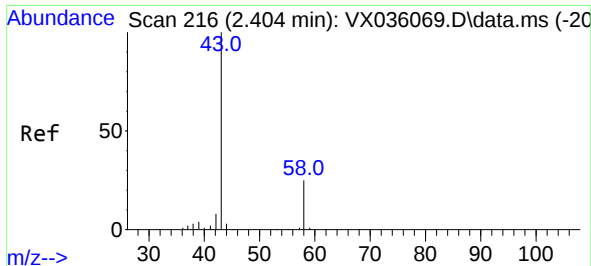
Tgt Ion:101 Resp: 92311
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 70.6 56.1 84.1



#12
1,1-Dichloroethene
Concen: 48.700 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Tgt Ion: 96 Resp: 78677
Ion Ratio Lower Upper
96 100
61 189.6 132.5 246.1
63 128.3 95.1 176.7





#13

Acetone

Concen: 85.819 ug/L

RT: 2.404 min Scan# 216

Delta R.T. -0.006 min

Lab File: VX036069.D

Acq: 08 Jun 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

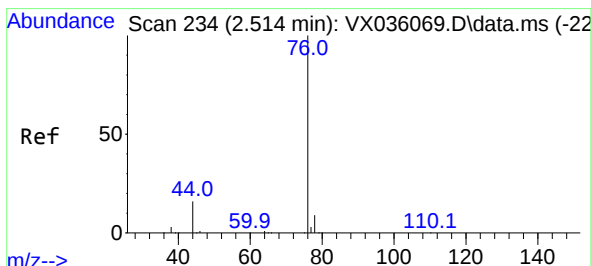
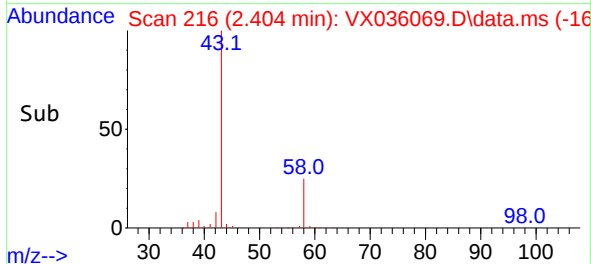
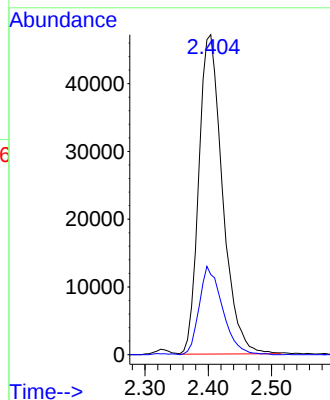
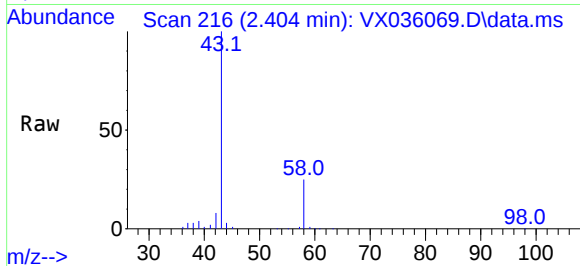
VSTD050690

Tgt Ion: 43 Resp: 122765

Ion Ratio Lower Upper

43 100

58 27.1 0.0 55.4



#14

Carbon disulfide

Concen: 44.076 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX036069.D

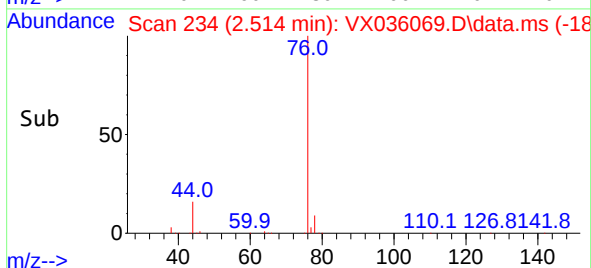
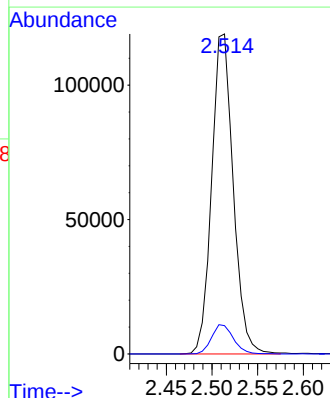
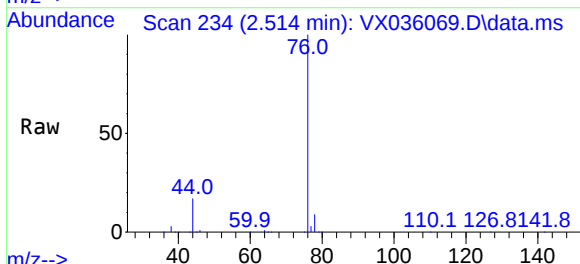
Acq: 08 Jun 2023 14:10

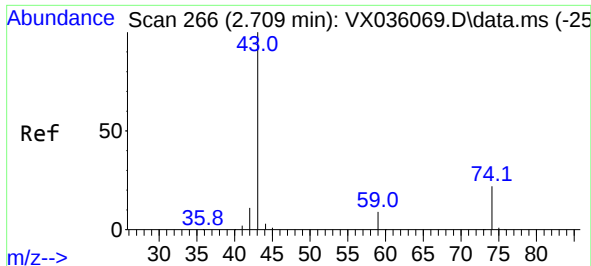
Tgt Ion: 76 Resp: 195412

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

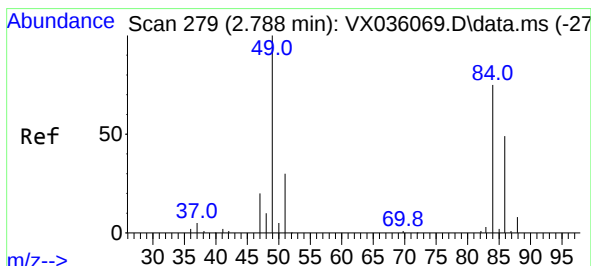
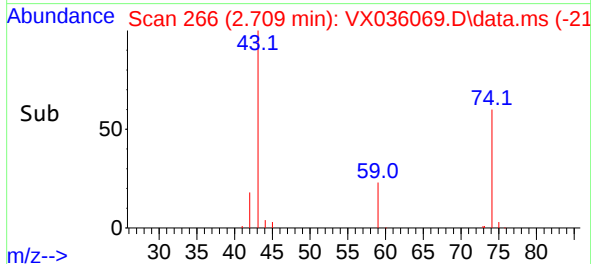
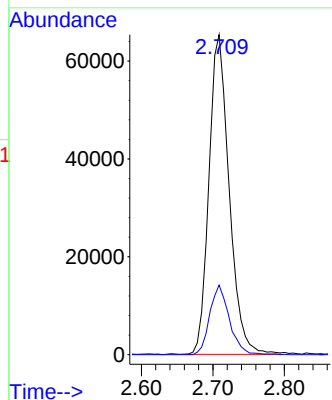
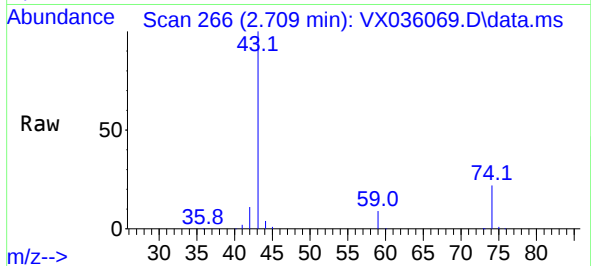




#15
Methyl Acetate
Concen: 58.001 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

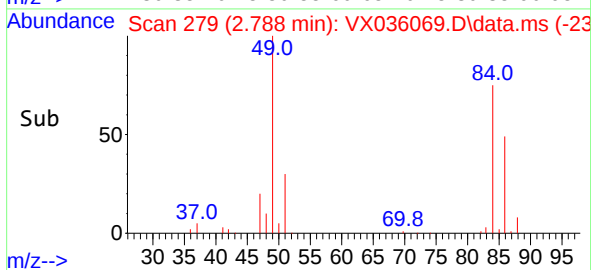
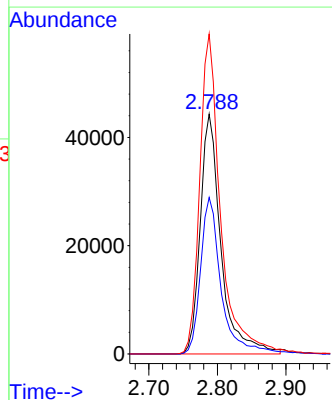
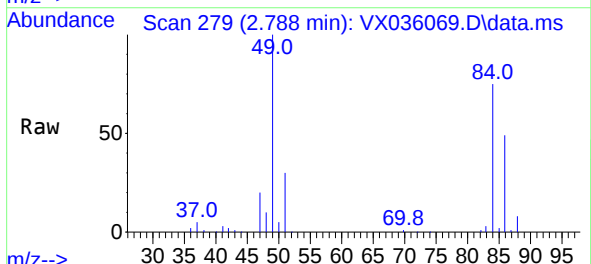
Instrument :
MSVOA_X
ClientSampleId :
VSTD050690

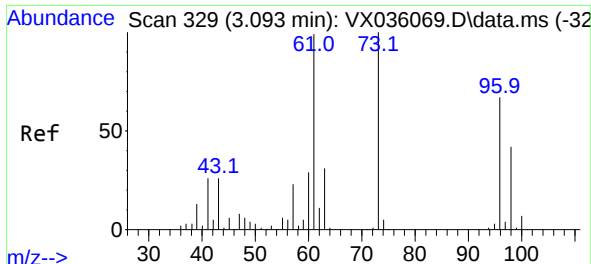
Tgt Ion: 43 Resp: 128371
Ion Ratio Lower Upper
43 100
74 20.9 17.4 26.2



#16
Methylene chloride
Concen: 50.477 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Tgt Ion: 84 Resp: 93638
Ion Ratio Lower Upper
84 100
86 65.3 46.5 86.5
49 133.4 95.1 176.5

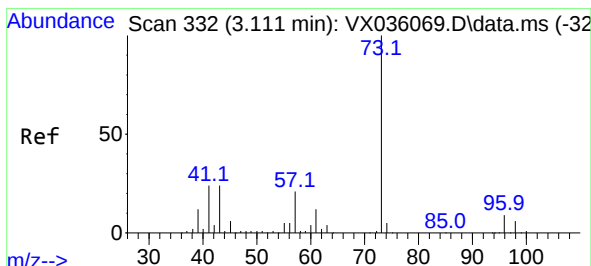
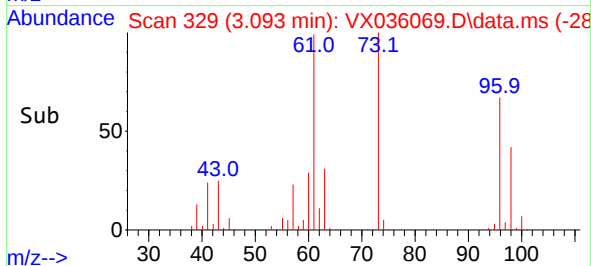
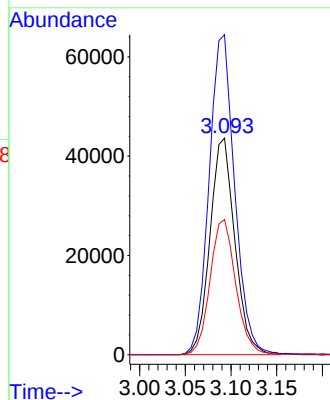
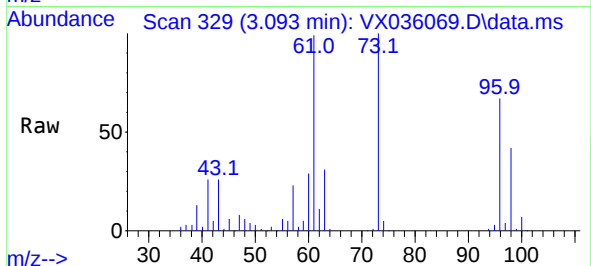




#17
trans-1,2-Dichloroethene
Concen: 47.866 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

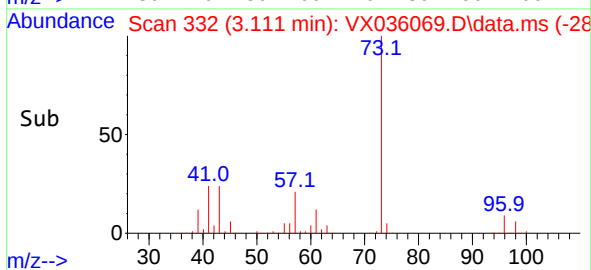
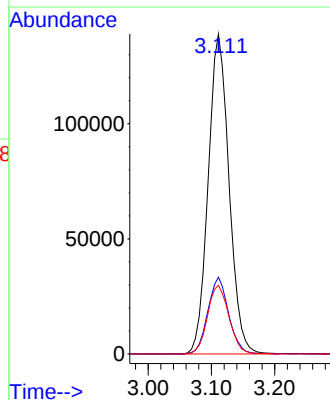
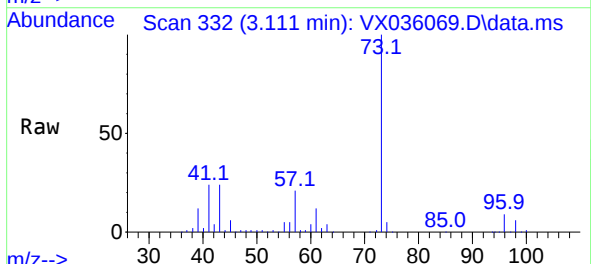
Instrument :
MSVOA_X
ClientSampleId :
VSTD050690

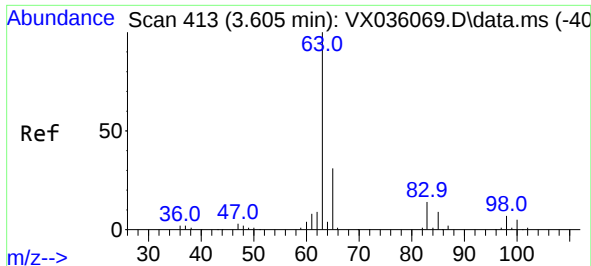
Tgt Ion: 96 Resp: 82849
Ion Ratio Lower Upper
96 100
61 147.7 100.7 187.1
98 62.4 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 51.734 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Tgt Ion: 73 Resp: 318602
Ion Ratio Lower Upper
73 100
43 23.9 19.4 29.0
57 22.0 17.5 26.3





#19

1,1-Dichloroethane

Concen: 50.759 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX036069.D

Acq: 08 Jun 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

VSTD050690

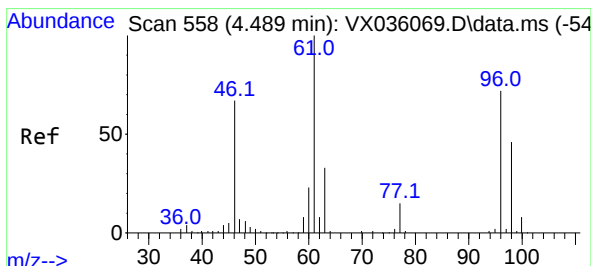
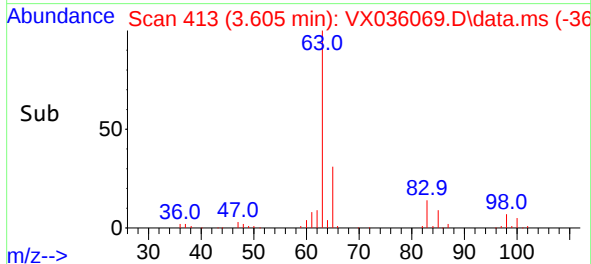
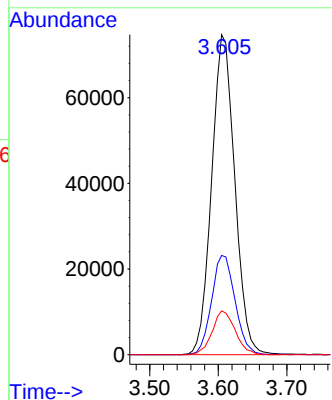
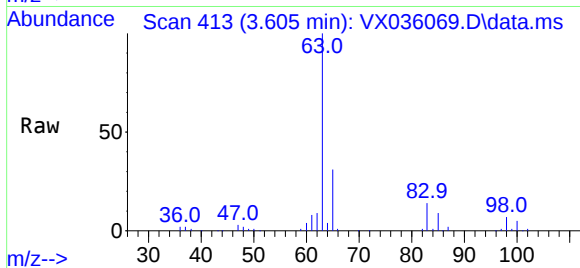
Tgt Ion: 63 Resp: 175159

Ion Ratio Lower Upper

63 100

65 31.0 22.6 42.0

83 13.7 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 49.491 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX036069.D

Acq: 08 Jun 2023 14:10

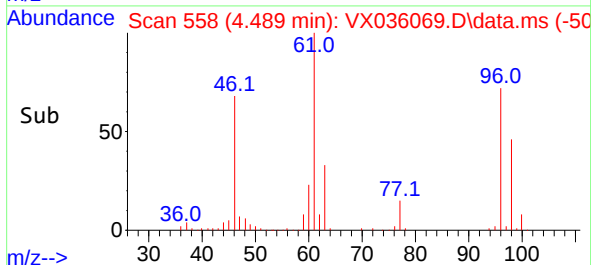
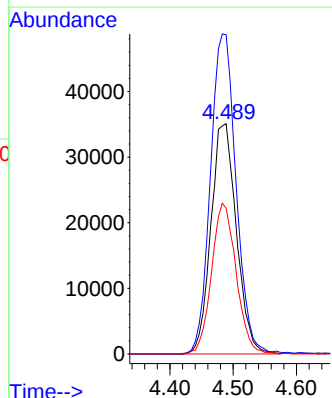
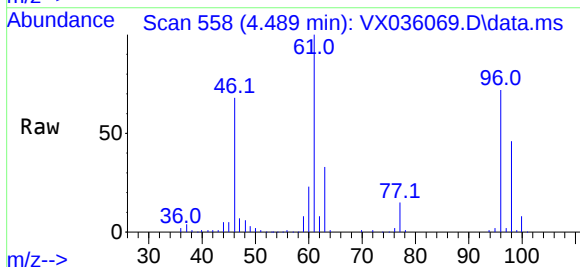
Tgt Ion: 96 Resp: 98288

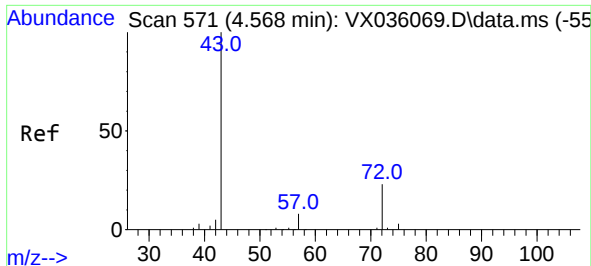
Ion Ratio Lower Upper

96 100

61 138.6 94.7 175.9

98 63.3 45.4 84.4

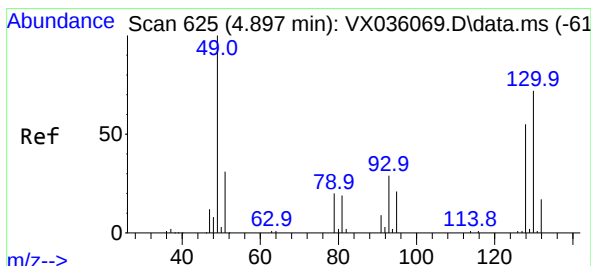
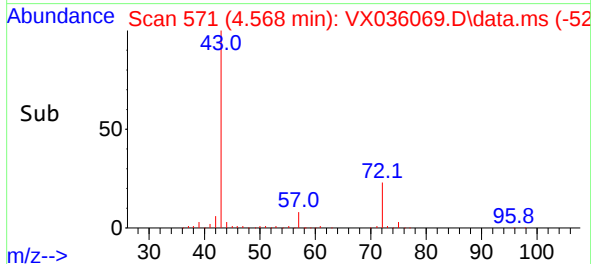
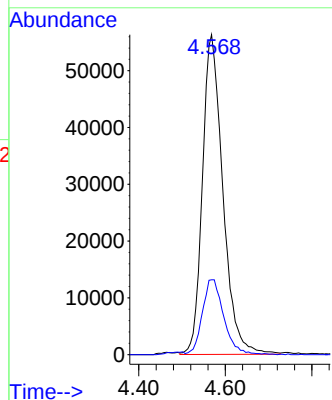
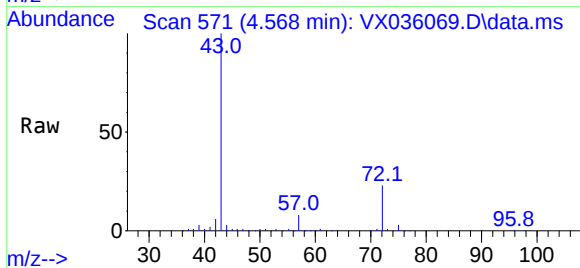




#22
2-Butanone
Concen: 108.133 ug/L
RT: 4.568 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

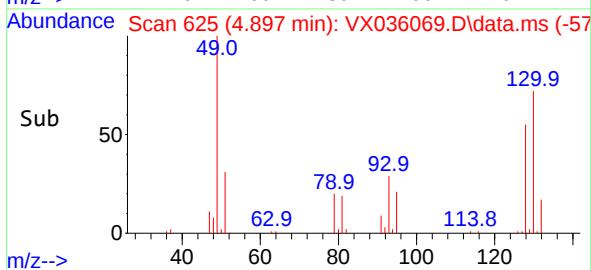
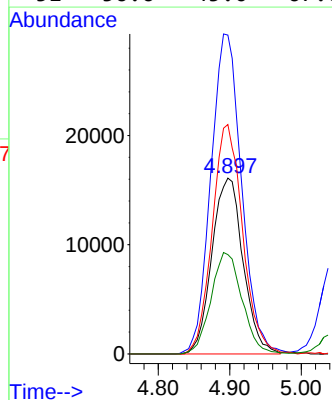
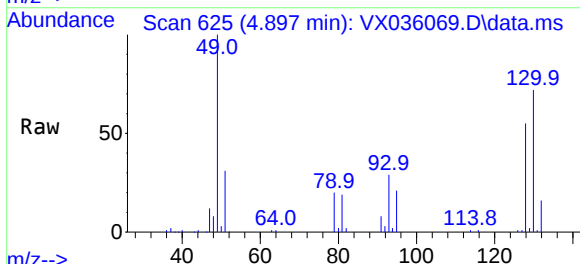
Instrument :
MSVOA_X
ClientSampleId :
VSTD050690

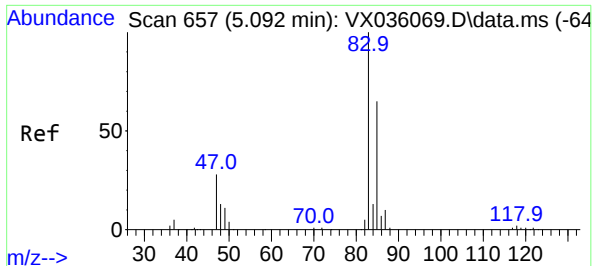
Tgt Ion: 43 Resp: 184752
Ion Ratio Lower Upper
43 100
72 24.5 12.0 36.1



#23
Bromochloromethane
Concen: 49.454 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Tgt Ion:128 Resp: 48746
Ion Ratio Lower Upper
128 100
49 181.5 123.9 230.1
130 130.5 88.3 164.1
51 56.6 45.0 67.6





#25

Chloroform

Concen: 51.612 ug/L

RT: 5.092 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX036069.D

Acq: 08 Jun 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

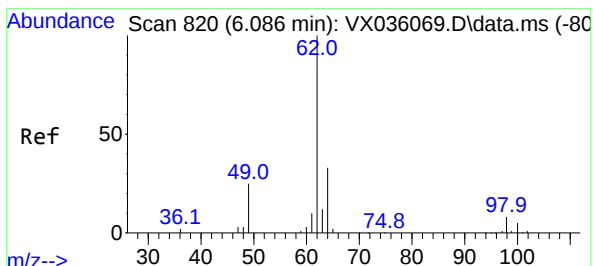
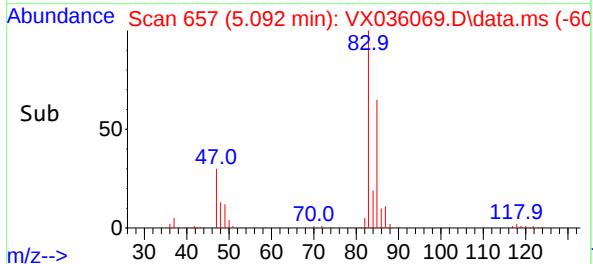
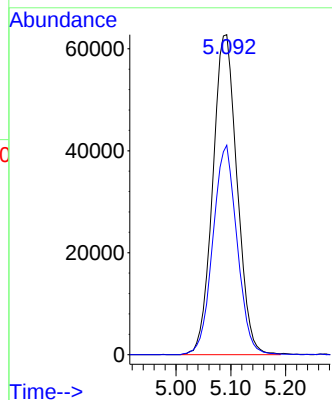
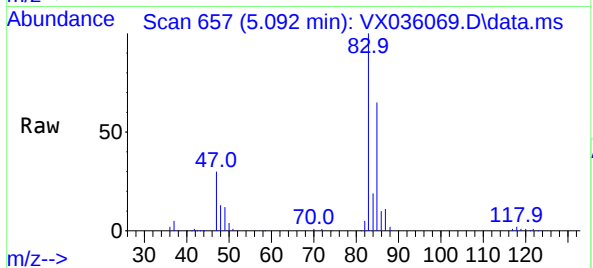
VSTD050690

Tgt Ion: 83 Resp: 193740

Ion Ratio Lower Upper

83 100

85 65.4 45.0 83.6



#27

1,2-Dichloroethane

Concen: 52.128 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX036069.D

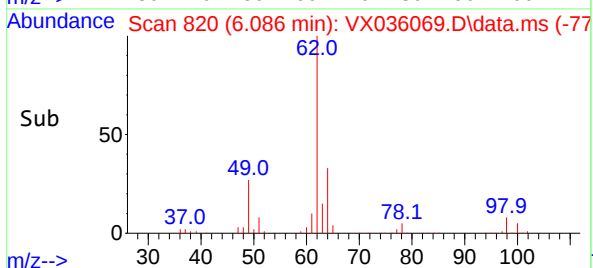
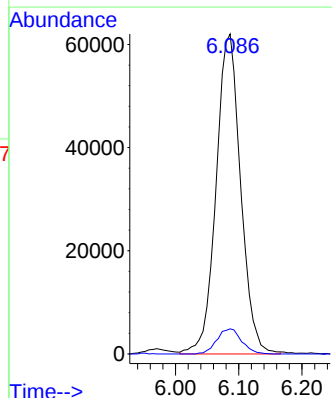
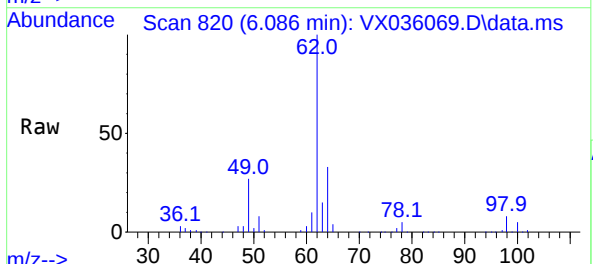
Acq: 08 Jun 2023 14:10

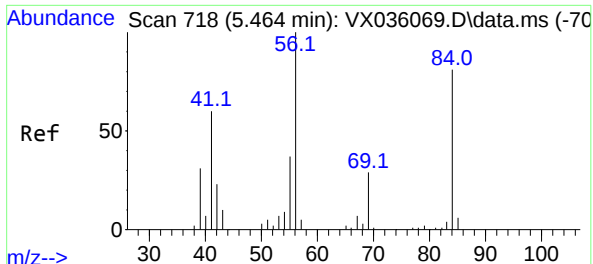
Tgt Ion: 62 Resp: 166958

Ion Ratio Lower Upper

62 100

98 7.9 6.4 9.6





#29

Cyclohexane

Concen: 47.347 ug/L

RT: 5.464 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX036069.D

Acq: 08 Jun 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

VSTD050690

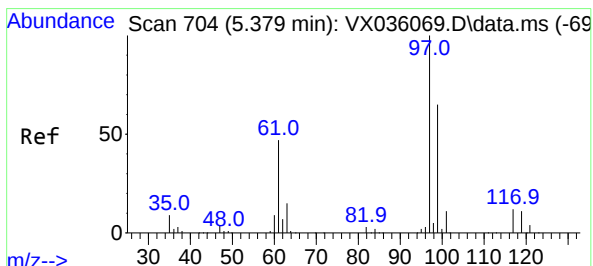
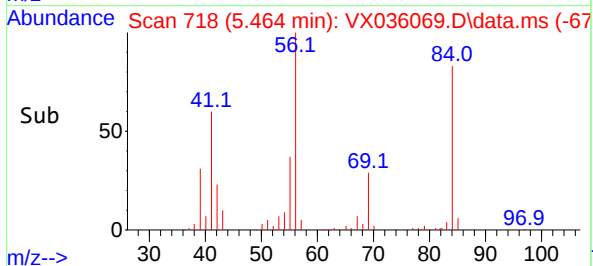
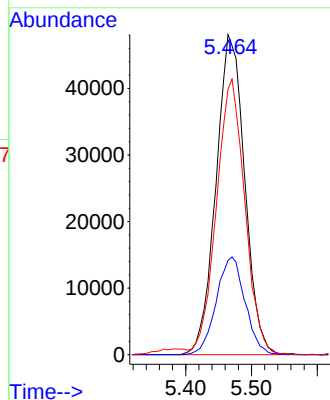
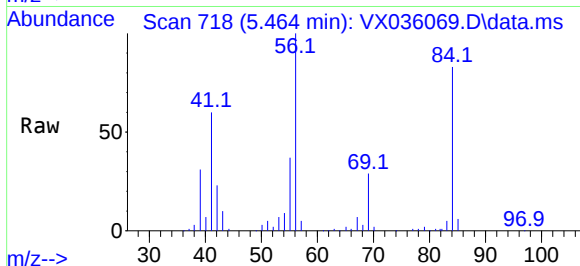
Tgt Ion: 56 Resp: 145830

Ion Ratio Lower Upper

56 100

69 30.6 24.3 36.5

84 84.4 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 49.513 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX036069.D

Acq: 08 Jun 2023 14:10

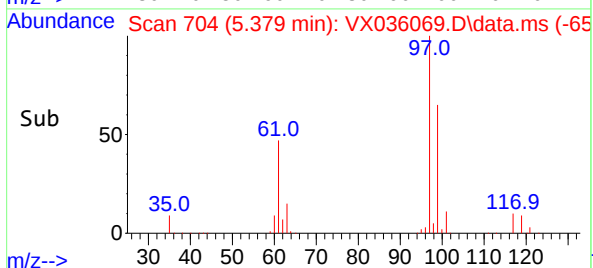
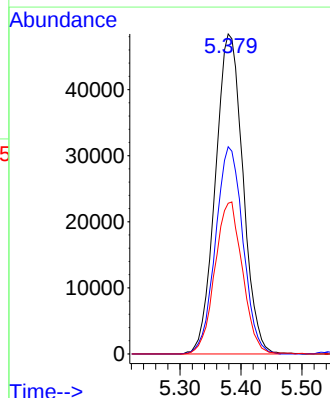
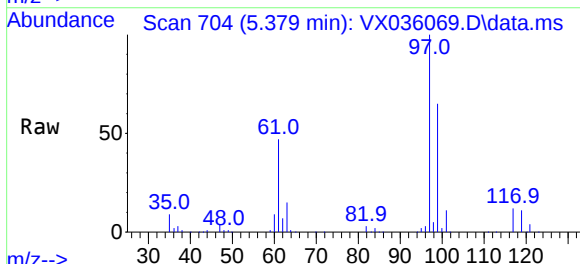
Tgt Ion: 97 Resp: 152158

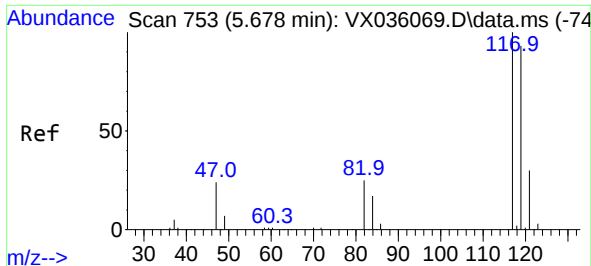
Ion Ratio Lower Upper

97 100

99 64.5 51.9 77.9

61 47.4 38.0 57.0

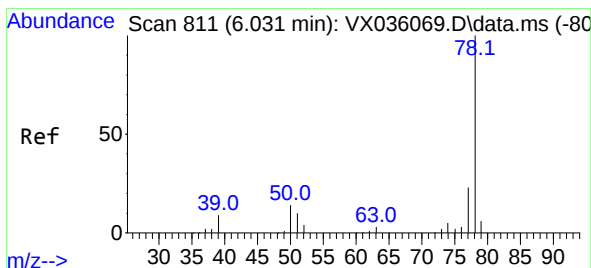
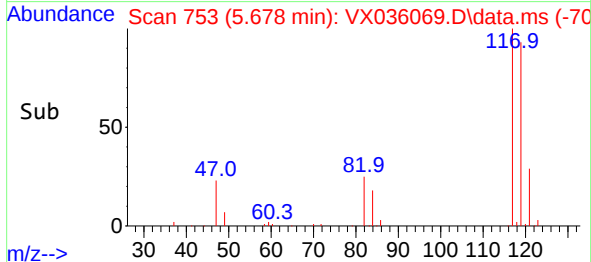
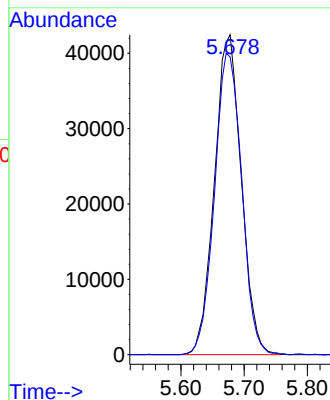
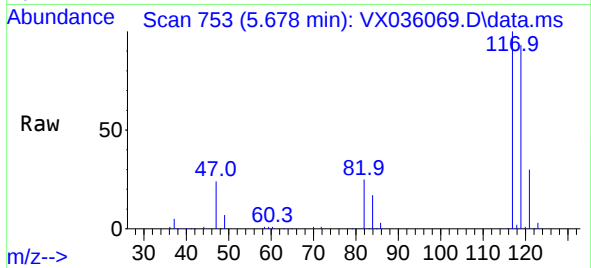




#31
Carbon tetrachloride
Concen: 49.006 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

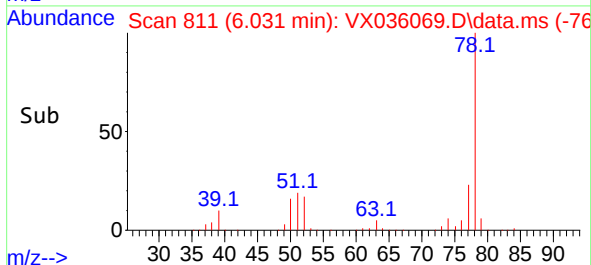
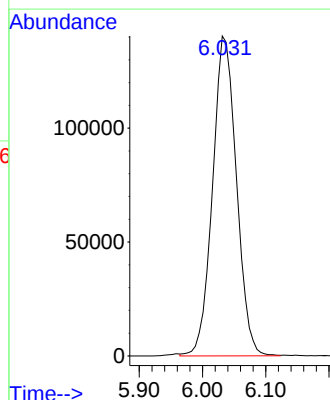
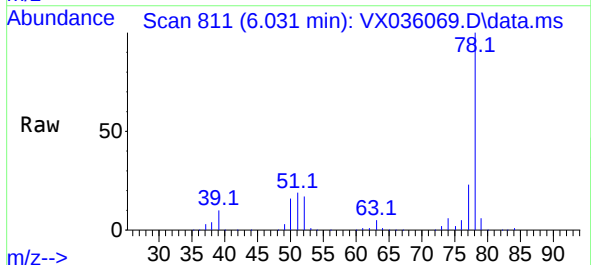
Instrument :
MSVOA_X
ClientSampleId :
VSTD050690

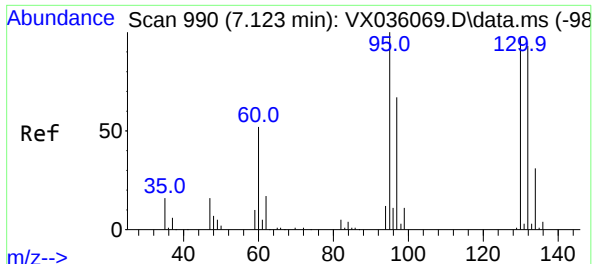
Tgt Ion:117 Resp: 125066
Ion Ratio Lower Upper
117 100
119 95.4 76.9 115.3



#33
Benzene
Concen: 49.738 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Tgt Ion: 78 Resp: 367464

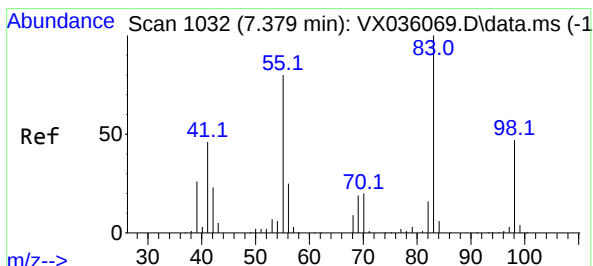
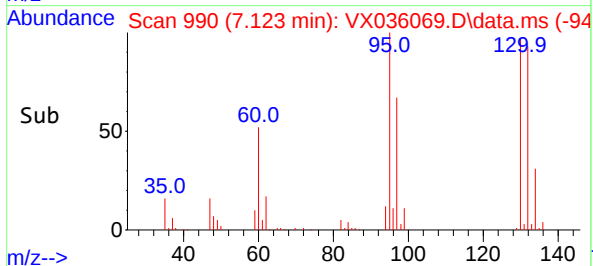
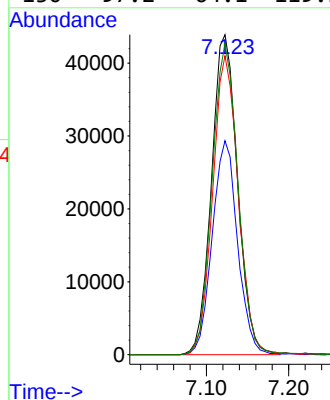
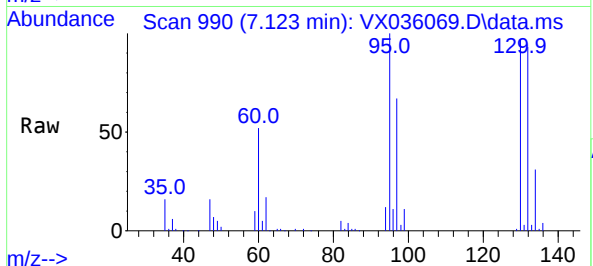




#34
Trichloroethene
Concen: 48.570 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

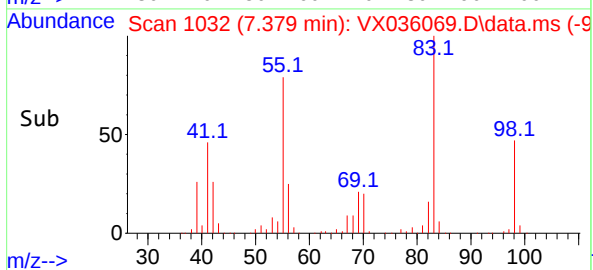
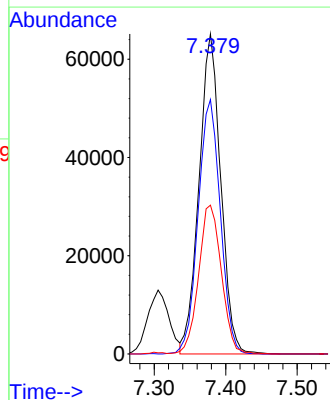
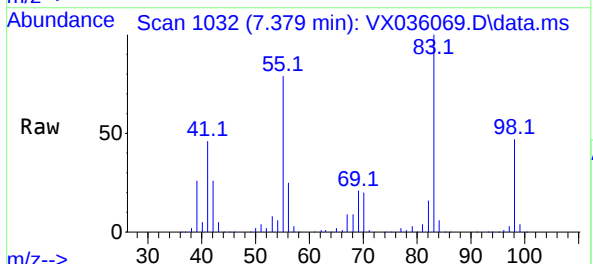
Instrument :
MSVOA_X
ClientSampleId :
VSTD050690

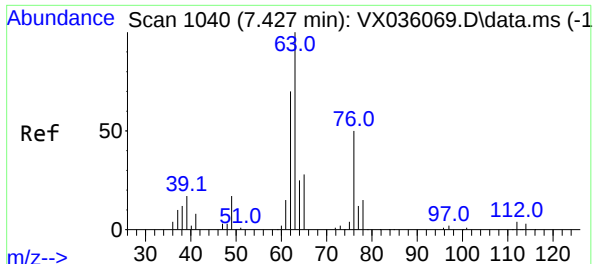
Tgt Ion: 95 Resp: 96644
Ion Ratio Lower Upper
95 100
97 66.8 43.6 81.0
132 93.4 59.9 111.3
130 97.2 64.1 119.1



#35
Methylcyclohexane
Concen: 47.054 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Tgt Ion: 83 Resp: 137444
Ion Ratio Lower Upper
83 100
55 81.4 65.4 98.2
98 48.8 39.0 58.6

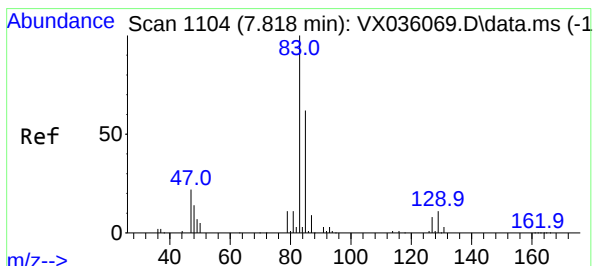
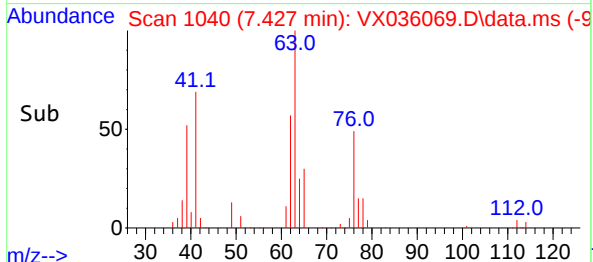
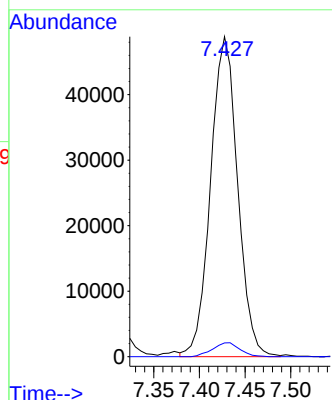
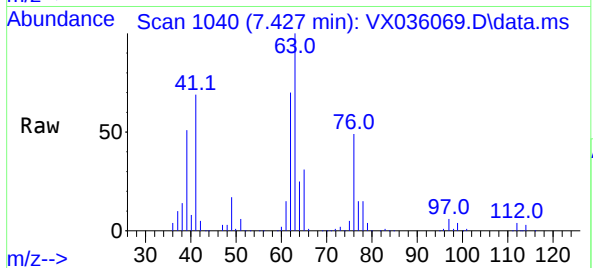




#37
1,2-Dichloropropane
Concen: 51.814 ug/L
RT: 7.427 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

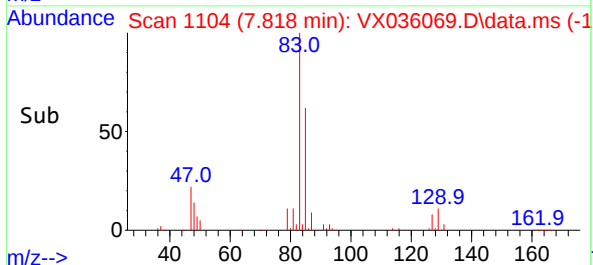
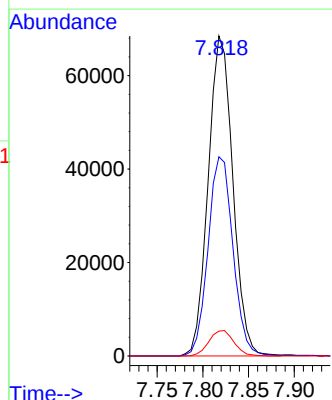
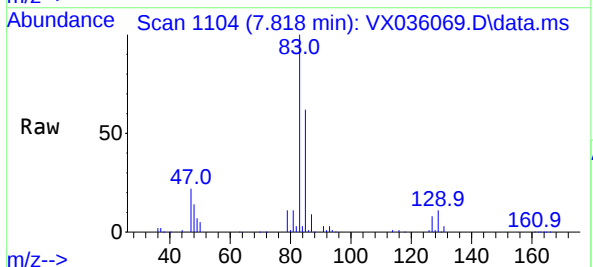
Instrument :
MSVOA_X
ClientSampleId :
VSTD050690

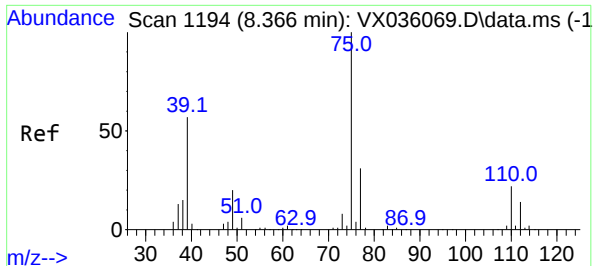
Tgt Ion: 63 Resp: 100466
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3



#38
Bromodichloromethane
Concen: 51.408 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Tgt Ion: 83 Resp: 128508
Ion Ratio Lower Upper
83 100
85 62.2 45.3 84.1
127 7.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 51.711 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036069.D

Acq: 08 Jun 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

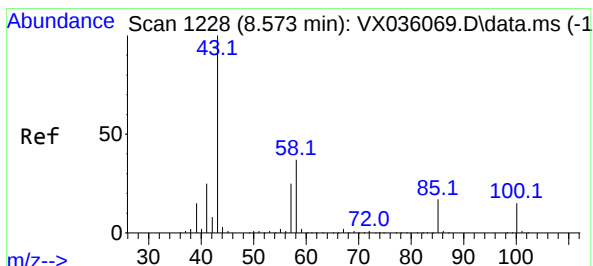
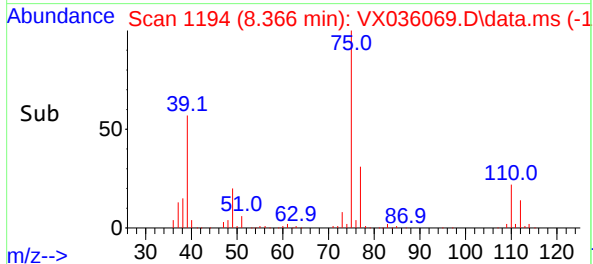
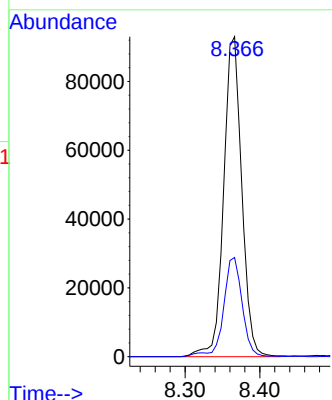
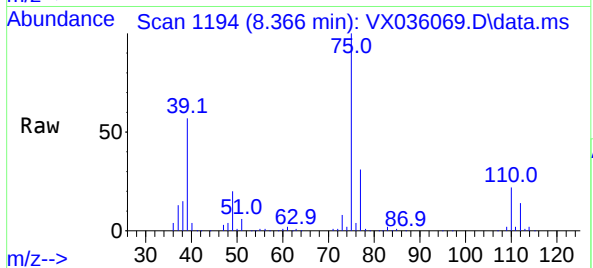
VSTD050690

Tgt Ion: 75 Resp: 156658

Ion Ratio Lower Upper

75 100

77 31.0 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 116.598 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036069.D

Acq: 08 Jun 2023 14:10

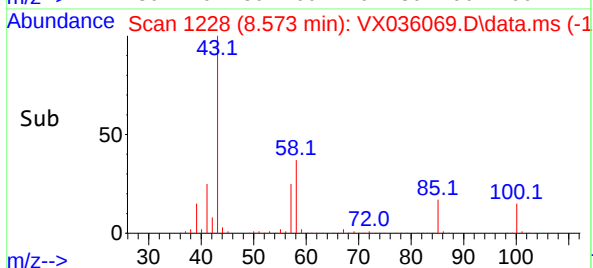
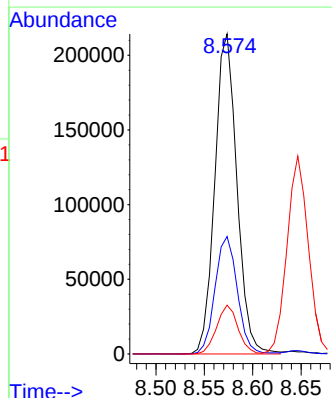
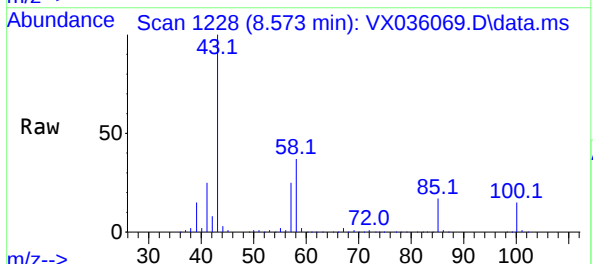
Tgt Ion: 43 Resp: 340494

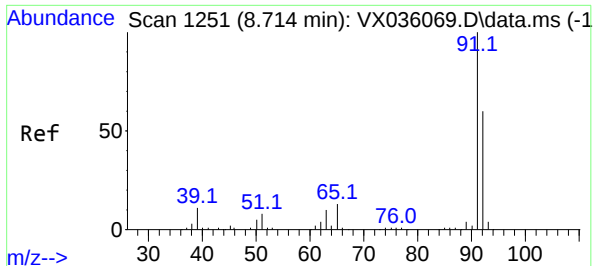
Ion Ratio Lower Upper

43 100

58 37.0 29.4 44.2

100 14.8 11.8 17.6





#42

Toluene

Concen: 50.199 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX036069.D

Acq: 08 Jun 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

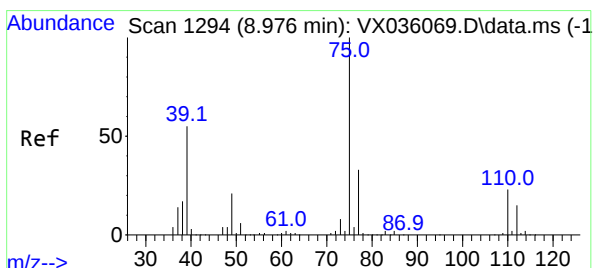
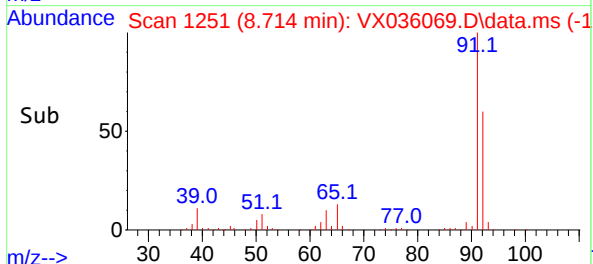
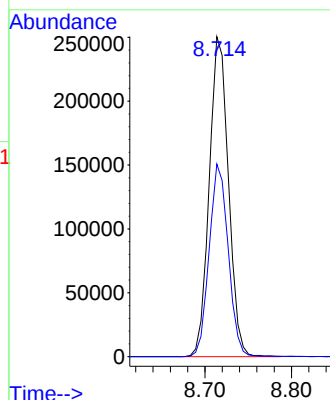
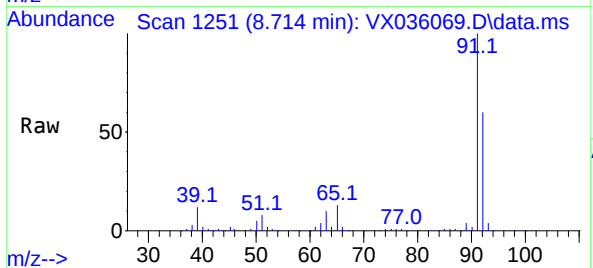
VSTD050690

Tgt Ion: 91 Resp: 385727

Ion Ratio Lower Upper

91 100

92 60.2 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 51.142 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX036069.D

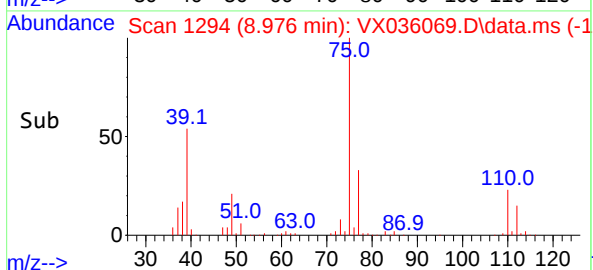
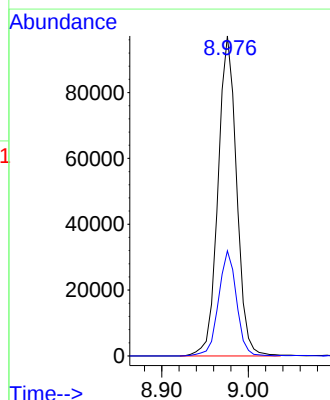
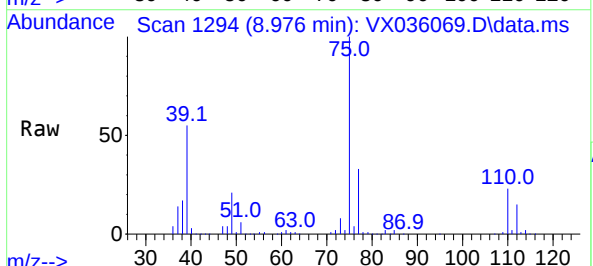
Acq: 08 Jun 2023 14:10

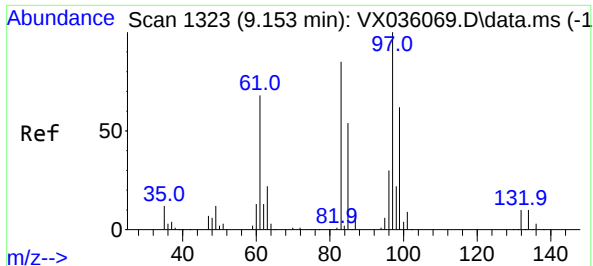
Tgt Ion: 75 Resp: 145081

Ion Ratio Lower Upper

75 100

77 32.8 22.0 41.0



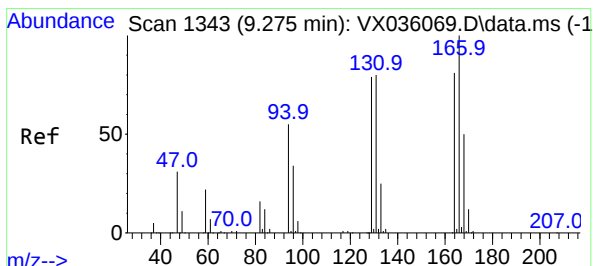
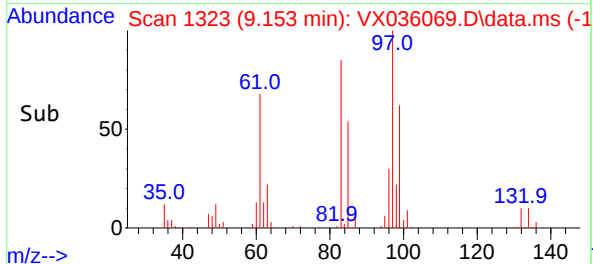
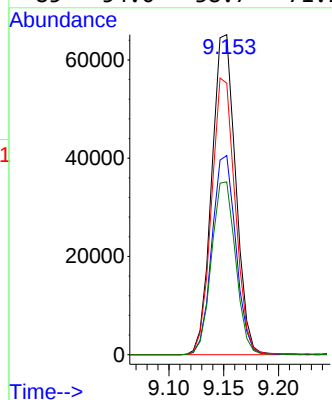
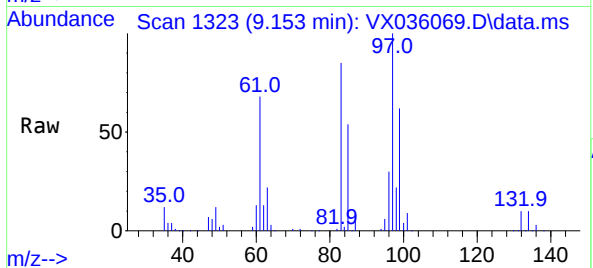


#45
1,1,2-Trichloroethane
Concen: 52.171 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
VSTD050690

Tgt Ion: 97 Resp: 99005

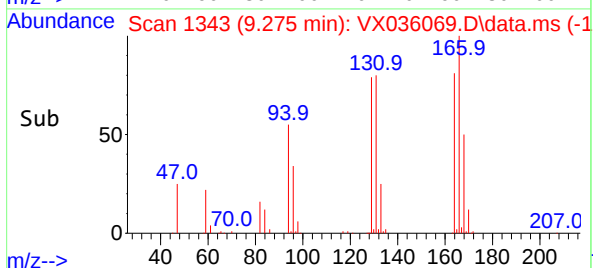
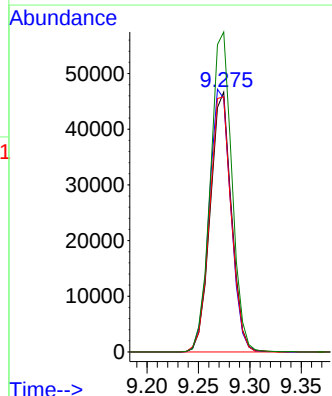
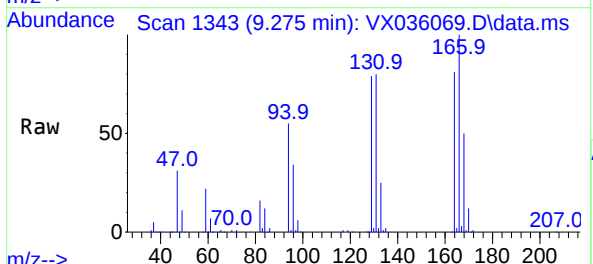
Ion	Ratio	Lower	Upper
97	100		
99	62.2	42.9	79.7
83	84.8	61.0	113.2
85	54.0	38.7	71.9

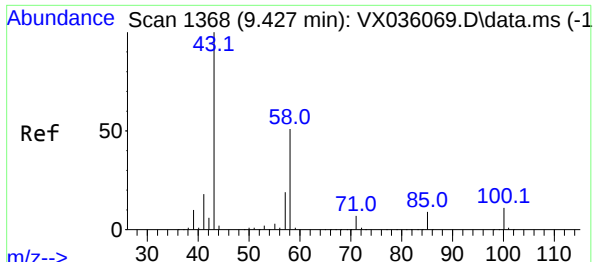


#46
Tetrachloroethene
Concen: 48.163 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Tgt Ion: 164 Resp: 67016

Ion	Ratio	Lower	Upper
164	100		
129	97.6	74.8	139.0
131	98.2	68.9	127.9
166	123.1	86.8	161.2





#48

2-Hexanone

Concen: 116.061 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX036069.D

Acq: 08 Jun 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

VSTD050690

Tgt Ion: 43 Resp: 267435

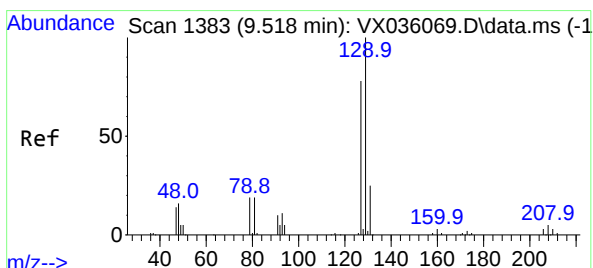
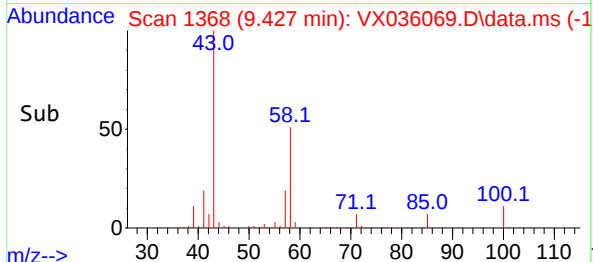
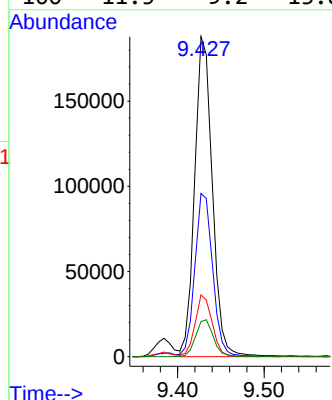
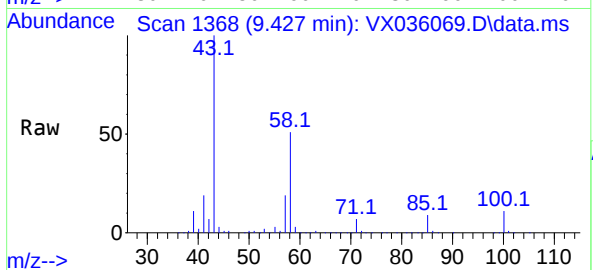
Ion Ratio Lower Upper

43 100

58 51.2 41.0 61.6

57 18.5 15.2 22.8

100 11.5 9.2 13.8



#49

Dibromochloromethane

Concen: 51.426 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX036069.D

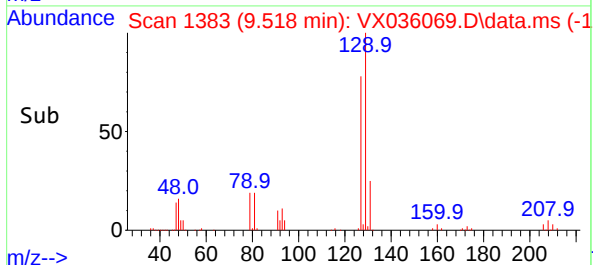
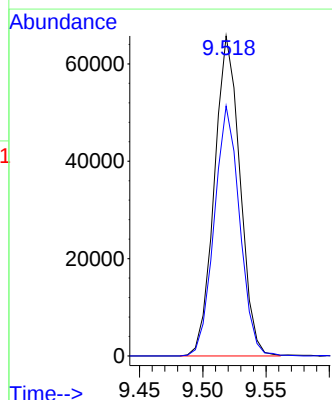
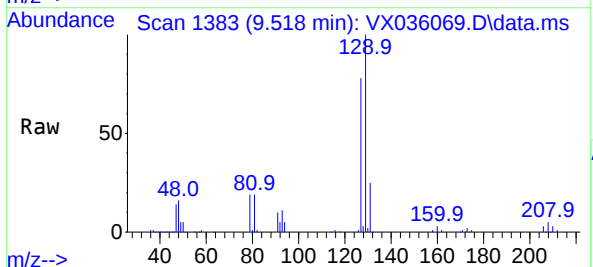
Acq: 08 Jun 2023 14:10

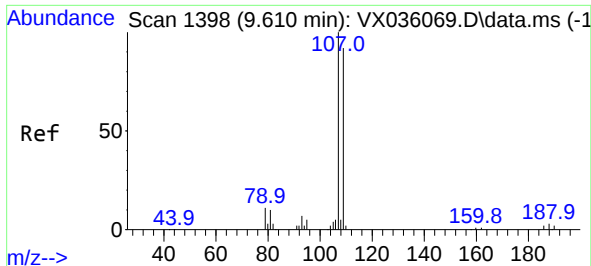
Tgt Ion: 129 Resp: 92595

Ion Ratio Lower Upper

129 100

127 78.1 53.3 98.9



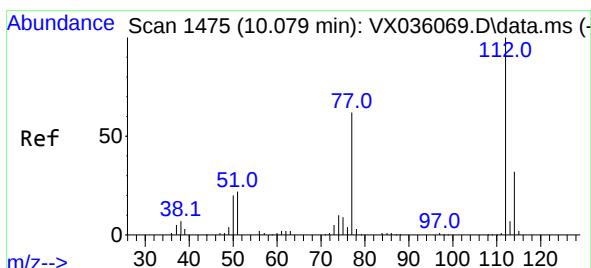
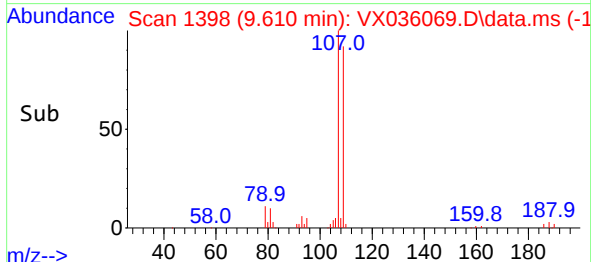
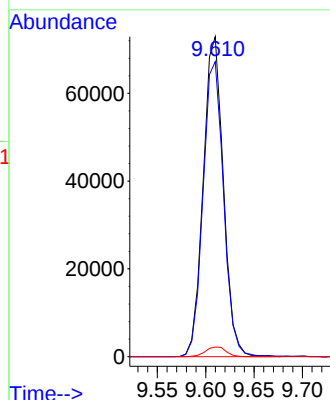
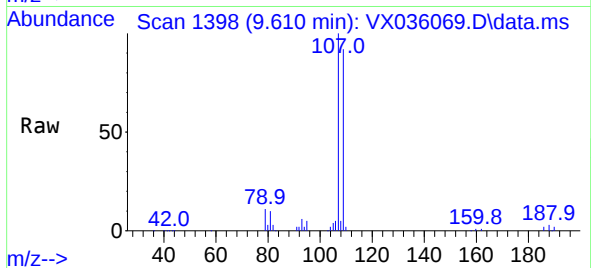


#50
1,2-Dibromoethane
Concen: 52.770 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
VSTD050690

Tgt Ion:107 Resp: 105814

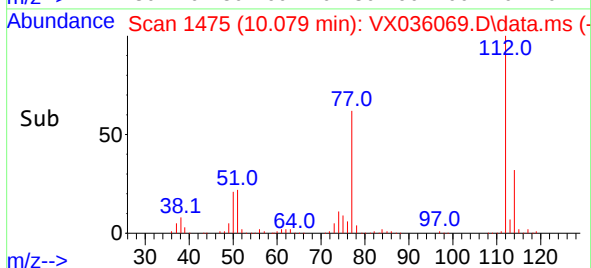
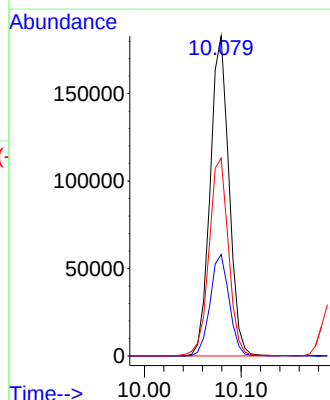
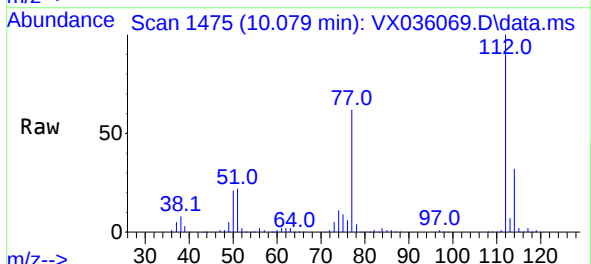
Ion	Ratio	Lower	Upper
107	100		
109	92.2	66.1	122.8
188	3.0	2.9	4.3

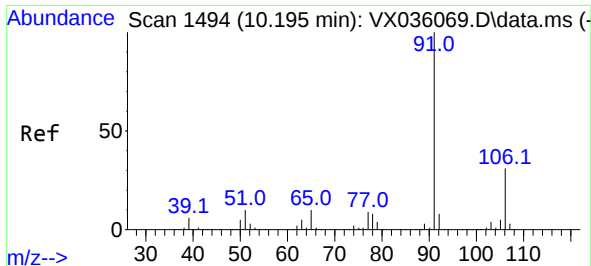


#51
Chlorobenzene
Concen: 48.927 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Tgt Ion:112 Resp: 247342

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.7	42.3
77	61.8	50.6	75.8

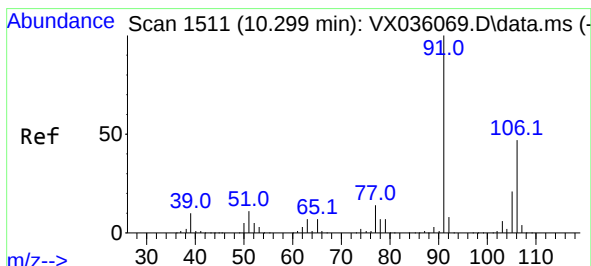
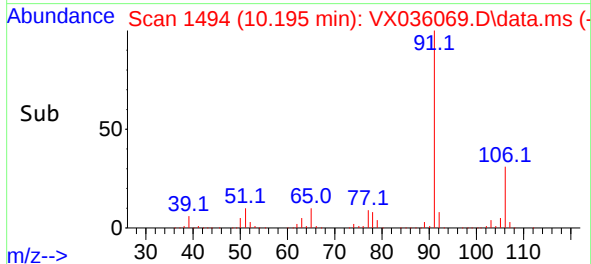
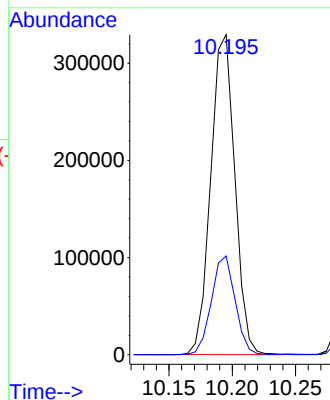
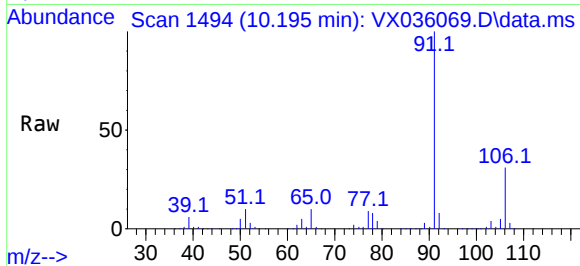




#52
Ethylbenzene
Concen: 49.285 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

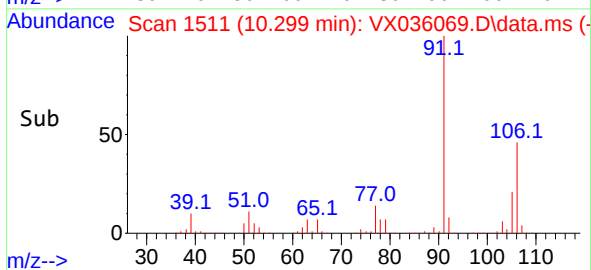
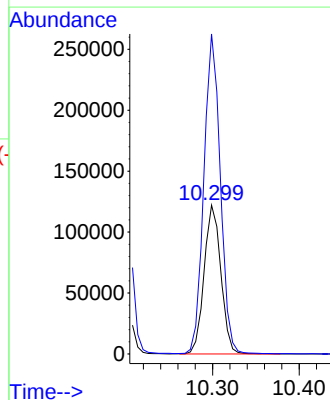
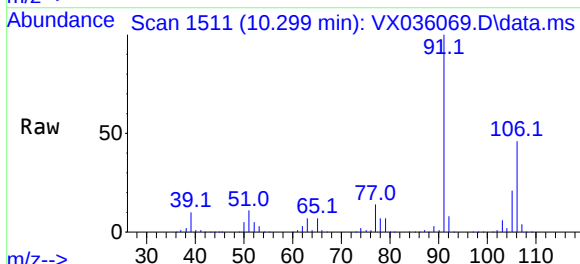
Instrument :
MSVOA_X
ClientSampleId :
VSTD050690

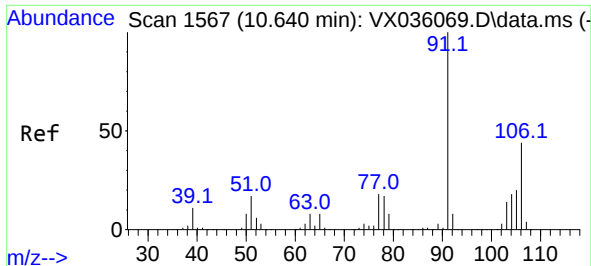
Tgt Ion: 91 Resp: 436159
Ion Ratio Lower Upper
91 100
106 30.8 20.8 38.6



#53
m,p-Xylene
Concen: 48.858 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Tgt Ion:106 Resp: 163976
Ion Ratio Lower Upper
106 100
91 215.1 149.8 278.2

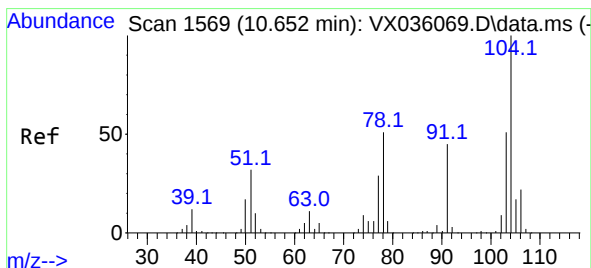
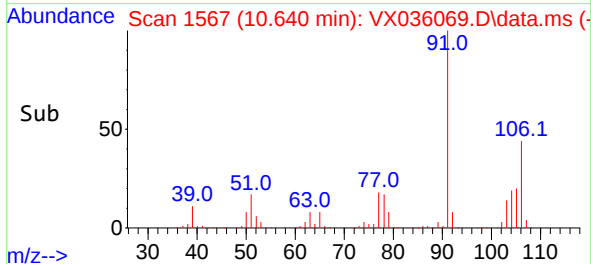
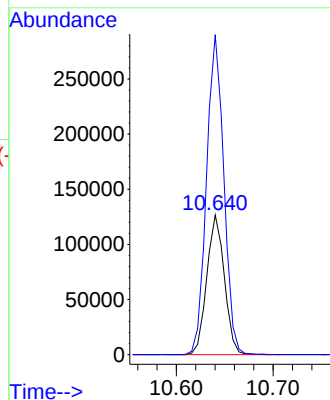
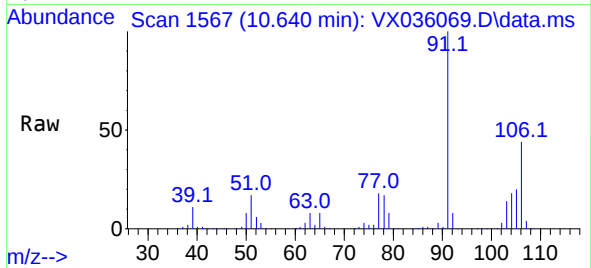




#54
o-Xylene
Concen: 48.652 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

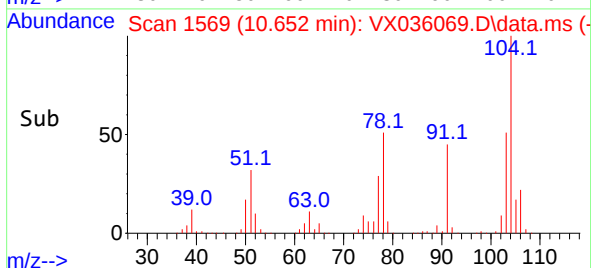
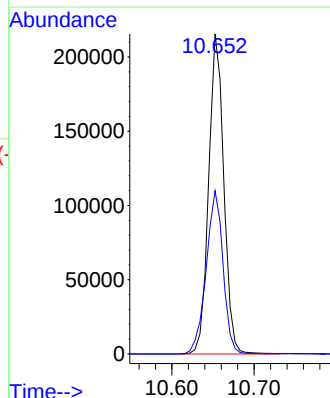
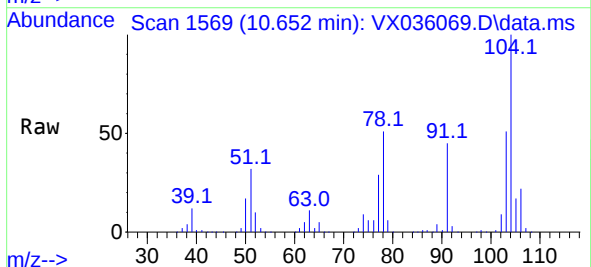
Instrument :
MSVOA_X
ClientSampleId :
VSTD050690

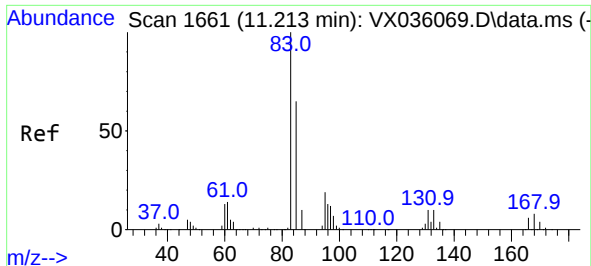
Tgt Ion:106 Resp: 159599
Ion Ratio Lower Upper
106 100
91 229.2 156.9 291.5



#55
Styrene
Concen: 49.453 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Tgt Ion:104 Resp: 275709
Ion Ratio Lower Upper
104 100
78 51.0 36.1 67.1

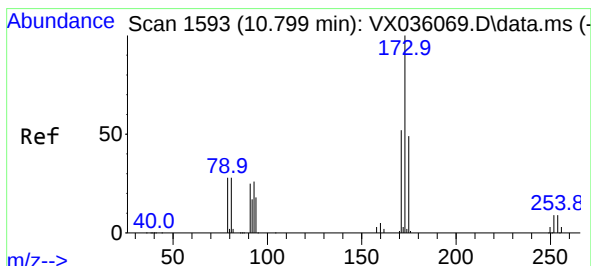
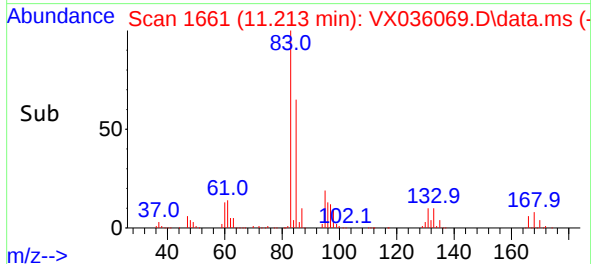
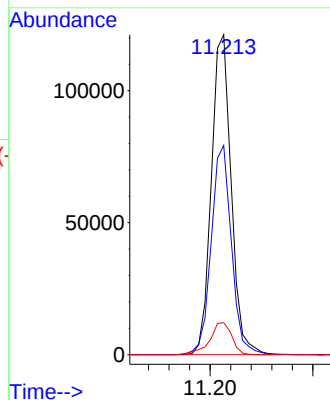
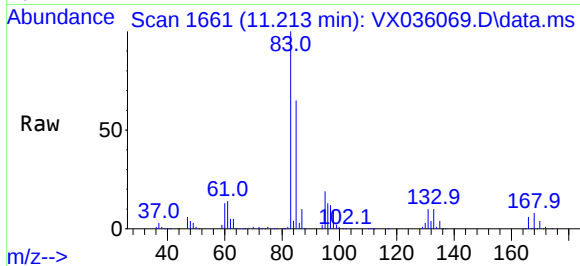




#57
1,1,2,2-Tetrachloroethane
Concen: 54.386 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

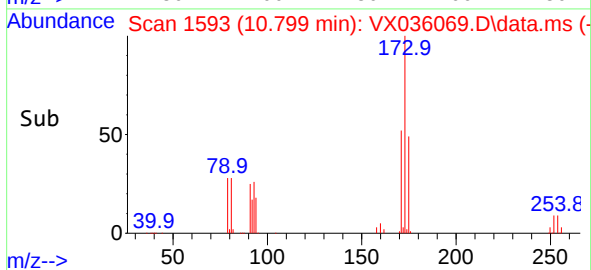
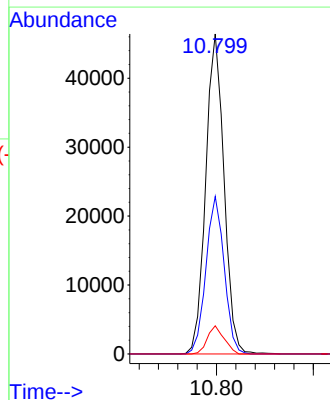
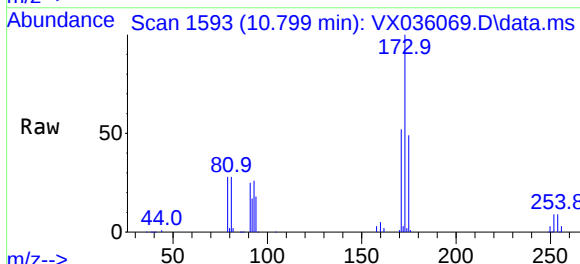
Instrument :
MSVOA_X
ClientSampleId :
VSTD050690

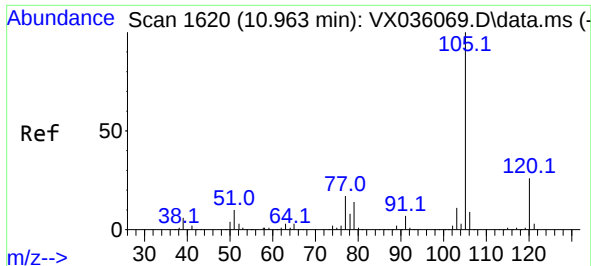
Tgt Ion: 83 Resp: 162221
Ion Ratio Lower Upper
83 100
85 65.4 45.6 84.8
131 10.0 8.1 12.1



#59
Bromoform
Concen: 52.806 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Tgt Ion:173 Resp: 61143
Ion Ratio Lower Upper
173 100
175 49.1 38.2 57.2
254 8.0 6.6 10.0

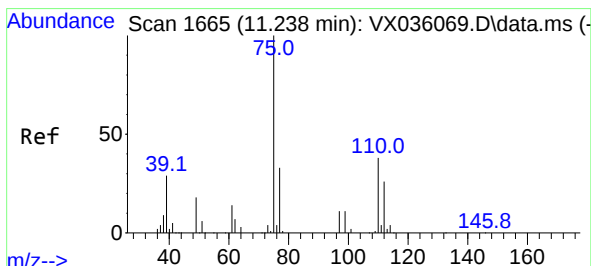
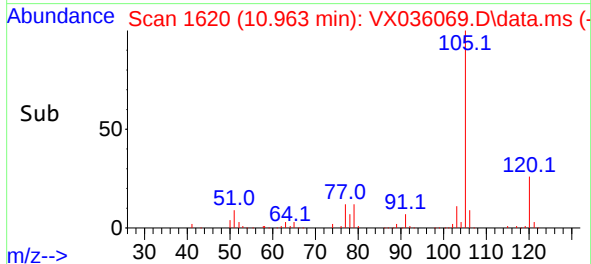
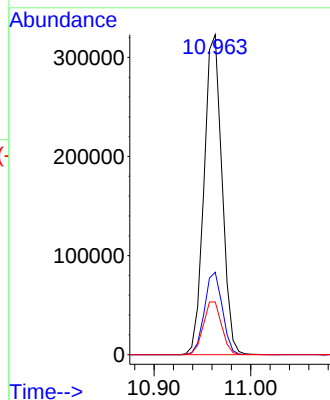
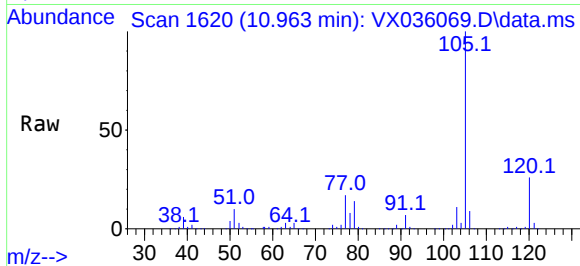




#60
Isopropylbenzene
Concen: 49.187 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

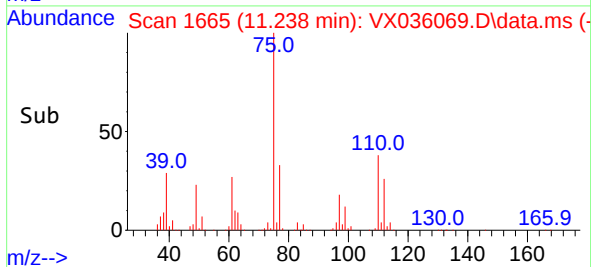
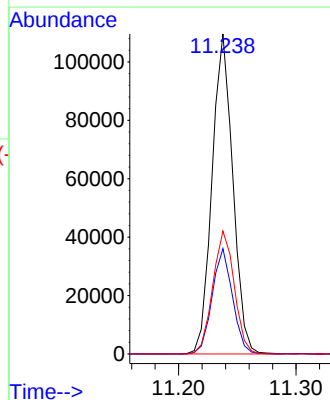
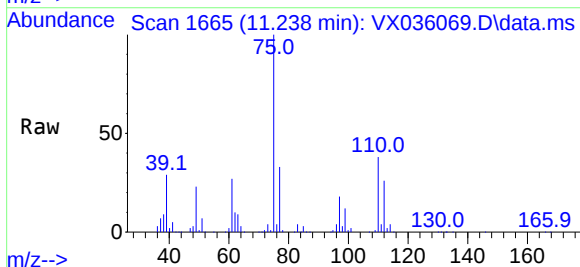
Instrument :
MSVOA_X
ClientSampleId :
VSTD050690

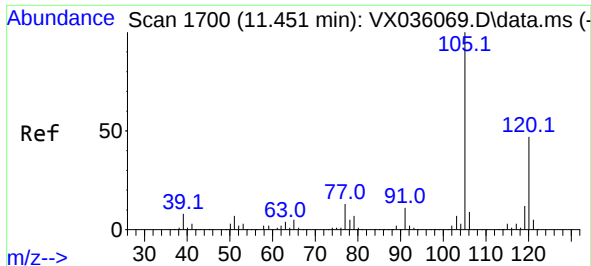
Tgt Ion:105 Resp: 417010
Ion Ratio Lower Upper
105 100
120 25.8 20.9 31.3
77 17.0 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 56.853 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Tgt Ion: 75 Resp: 134647
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
110 39.7 31.8 47.6

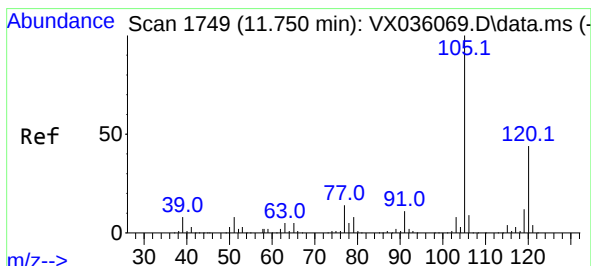
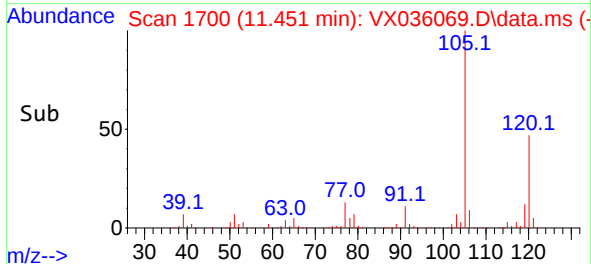
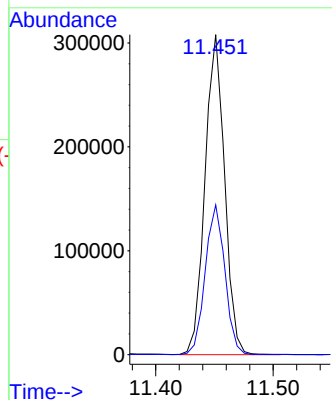
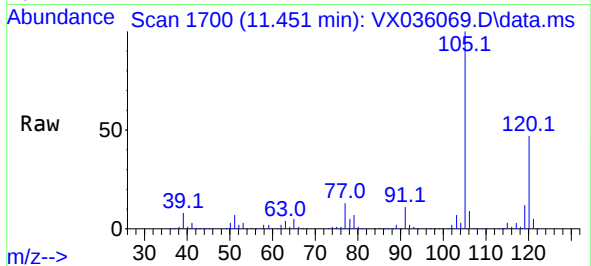




#62
1,3,5-Trimethylbenzene
Concen: 50.547 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

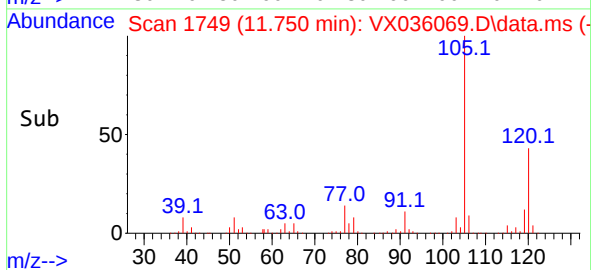
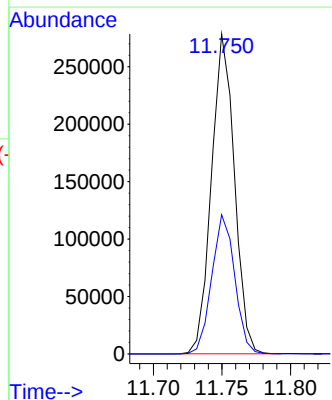
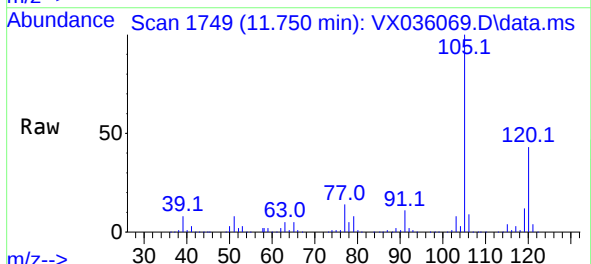
Instrument :
MSVOA_X
ClientSampleId :
VSTD050690

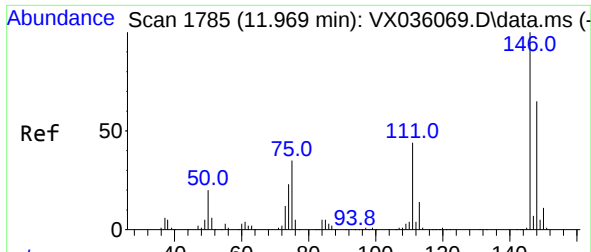
Tgt Ion:105 Resp: 356429
Ion Ratio Lower Upper
105 100
120 47.0 37.0 55.4



#63
1,2,4-Trimethylbenzene
Concen: 49.731 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Tgt Ion:105 Resp: 324508
Ion Ratio Lower Upper
105 100
120 43.6 35.0 52.6

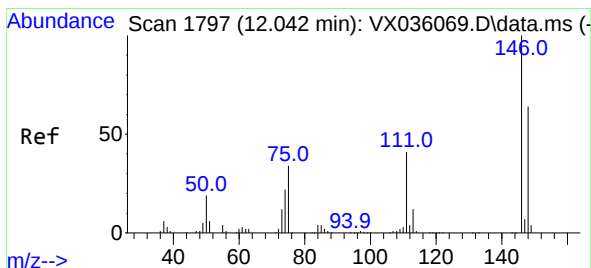
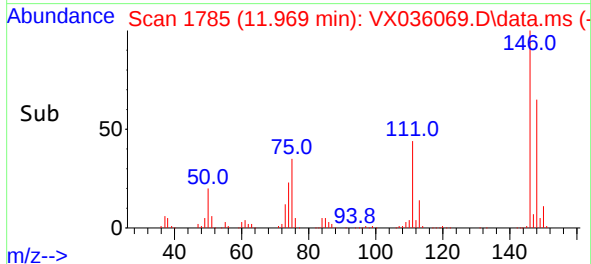
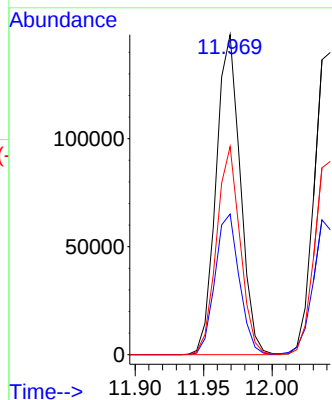
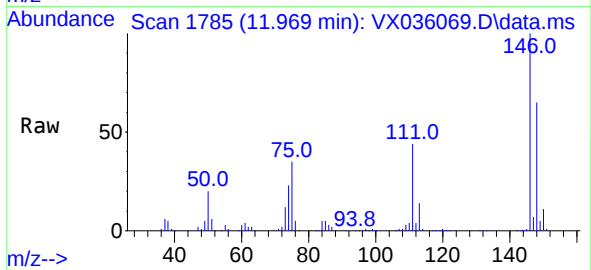




#64
1,3-Dichlorobenzene
Concen: 49.525 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

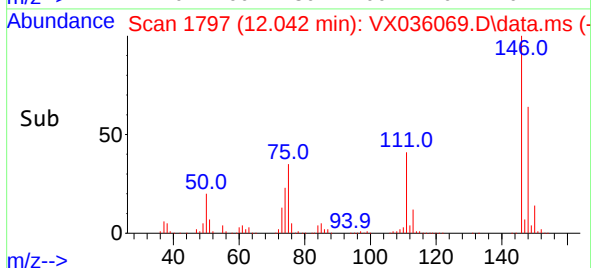
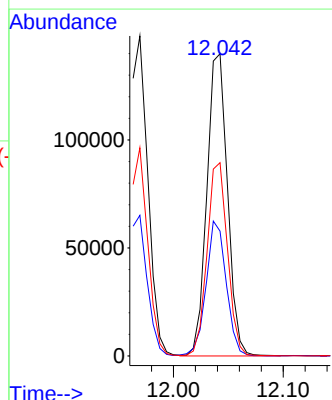
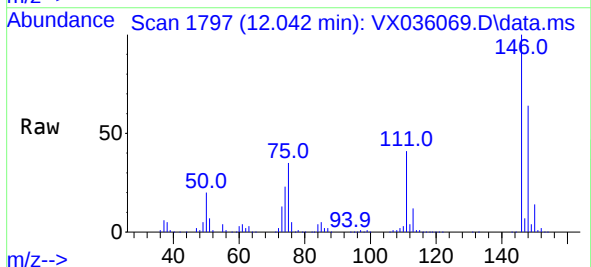
Instrument :
MSVOA_X
ClientSampleId :
VSTD050690

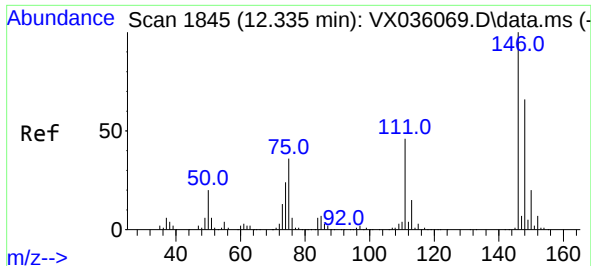
Tgt Ion:146 Resp: 181821
Ion Ratio Lower Upper
146 100
111 44.0 30.9 57.3
148 65.1 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 48.640 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Tgt Ion:146 Resp: 182661
Ion Ratio Lower Upper
146 100
111 41.3 28.8 53.4
148 64.0 44.5 82.7

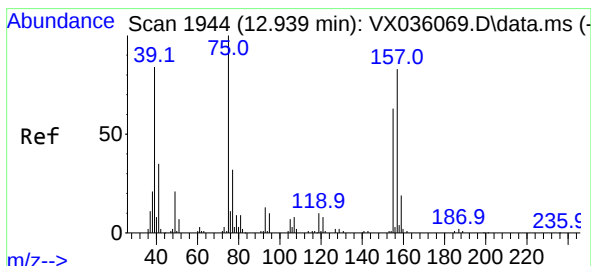
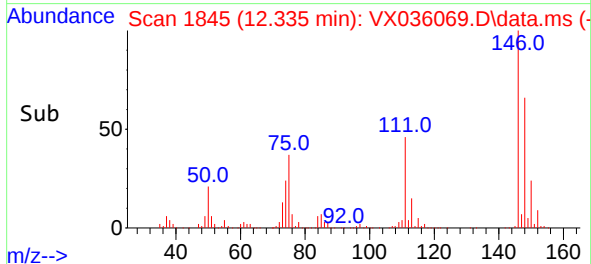
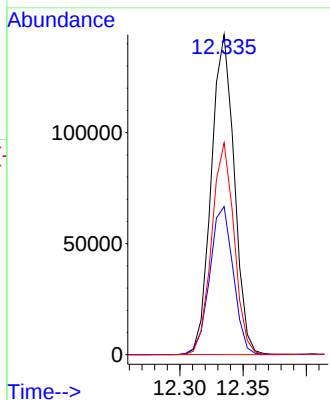
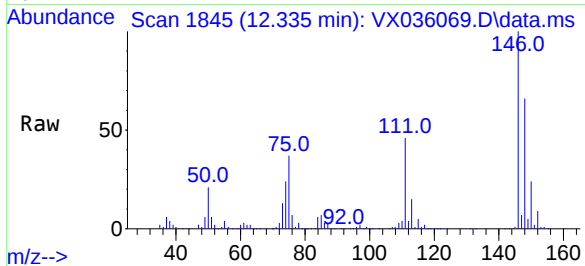




#67
1,2-Dichlorobenzene
Concen: 50.732 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

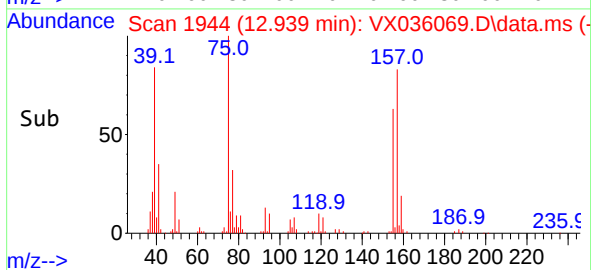
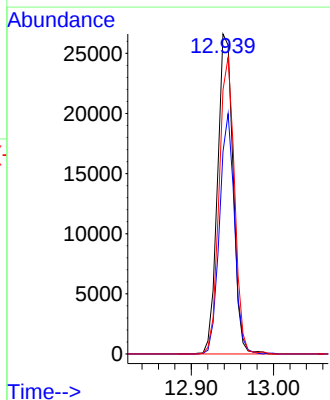
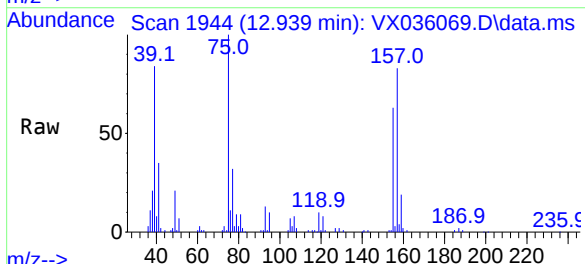
Instrument :
MSVOA_X
ClientSampleId :
VSTD050690

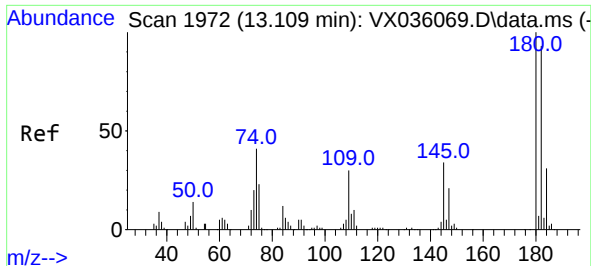
Tgt Ion:146 Resp: 181947
Ion Ratio Lower Upper
146 100
111 46.3 37.0 55.4
148 66.2 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 58.516 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Tgt Ion: 75 Resp: 35000
Ion Ratio Lower Upper
75 100
155 63.3 57.0 85.6
157 82.6 75.2 112.8





#69

1,3,5-Trichlorobenzene

Concen: 47.043 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX036069.D

Acq: 08 Jun 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

VSTD050690

Tgt Ion:180 Resp: 105713

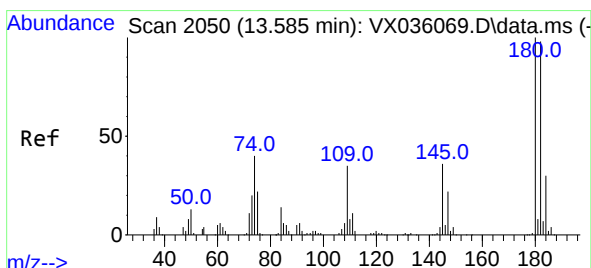
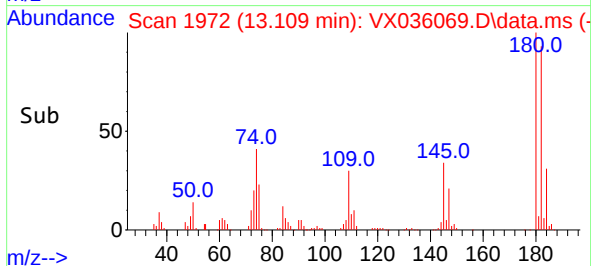
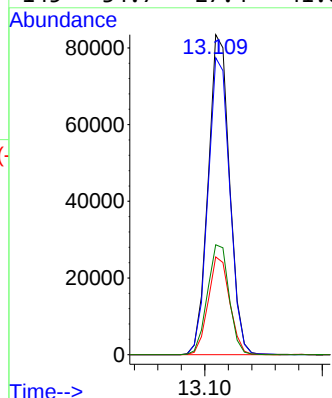
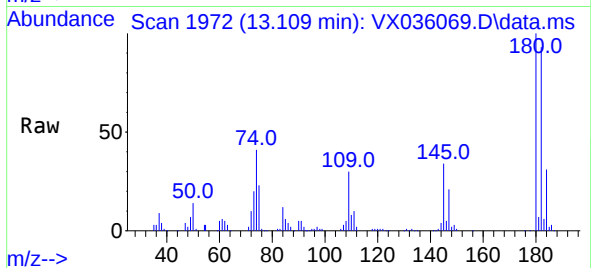
Ion Ratio Lower Upper

180 100

182 94.1 76.0 114.0

184 30.7 23.8 35.8

145 34.7 27.4 41.0



#70

1,2,4-trichlorobenzene

Concen: 48.622 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036069.D

Acq: 08 Jun 2023 14:10

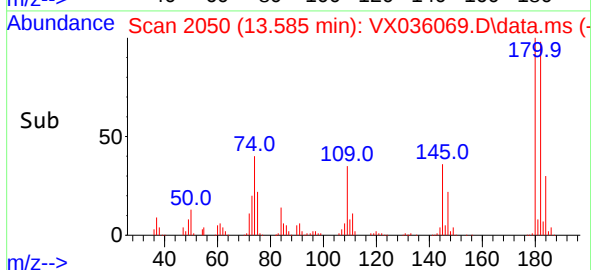
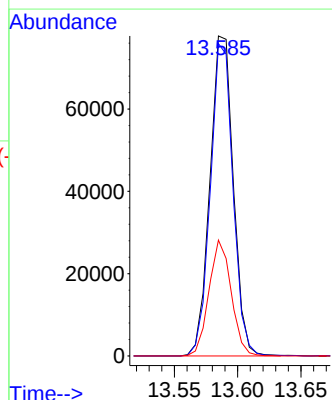
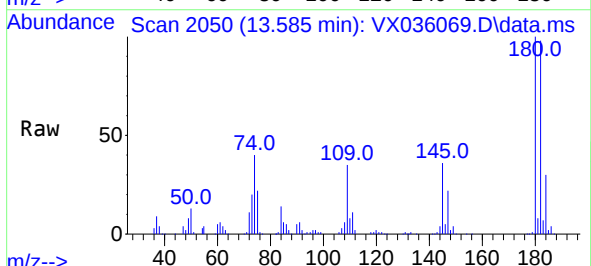
Tgt Ion:180 Resp: 99806

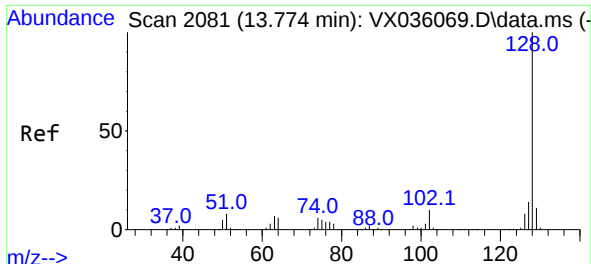
Ion Ratio Lower Upper

180 100

182 94.5 74.6 112.0

145 34.6 28.6 42.8



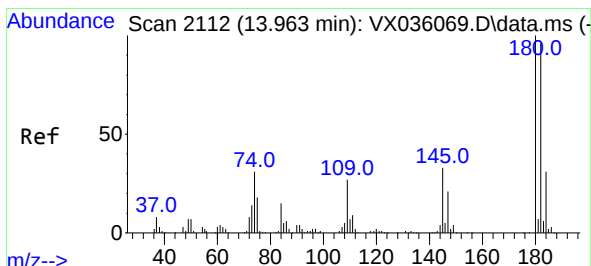
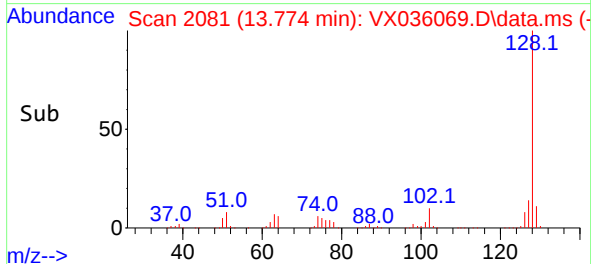
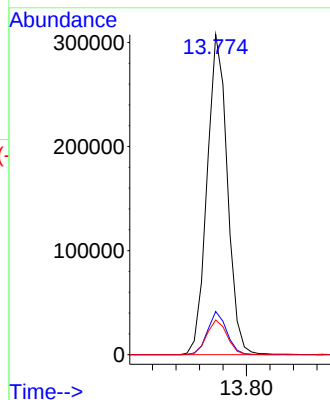
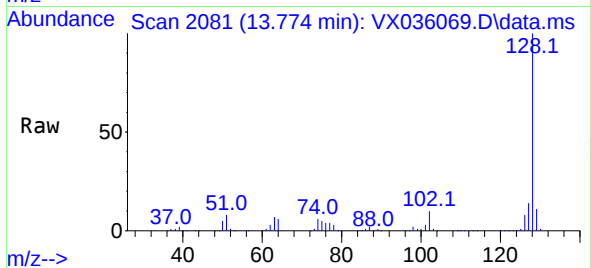


#71
Naphthalene
Concen: 54.580 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
VSTD050690

Tgt Ion:128 Resp: 368472

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 49.261 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX036069.D
Acq: 08 Jun 2023 14:10

Tgt Ion:180 Resp: 100548

Ion	Ratio	Lower	Upper
180	100		
182	97.2	75.4	113.2
145	35.8	29.4	44.0

