

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036048.D
 Acq On : 06 Jun 2023 21:15
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050689

Quant Time: Jun 07 05:59:57 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	296715	50.000	ug/L	0.00
28) Chlorobenzene-d5		10.055	117	277413	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		12.024	152	138649	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.368	65	106414	52.787	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 105.580%		
7) Chloroethane-d5		1.672	69	83695	54.134	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 108.260%		
11) 1,1-Dichloroethene-d2		2.306	65	52032	50.906	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 101.820%		
21) 2-Butanone-d5		4.471	46	195198	118.131	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 118.130%		
24) Chloroform-d		5.056	84	225248	53.583	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.160%		
26) 1,2-Dichloroethane-d4		5.952	65	167255	54.526	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.060%		
32) Benzene-d6		5.970	84	423021	50.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.380%		
36) 1,2-Dichloropropane-d6		7.306	67	138104	53.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 106.480%		
41) Toluene-d8		8.647	98	386300	50.294	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 100.580%		
43) trans-1,3-Dichloroprop...		8.952	79	64153	51.523	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.040%		
47) 2-Hexanone-d5		9.384	63	134213	116.199	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 116.200%		
56) 1,1,2,2-Tetrachloroeth...		11.189	84	193587	54.639	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 109.280%		
66) 1,2-Dichlorobenzene-d4		12.317	152	139961	51.994	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 103.980%		
Target Compounds							Qvalue
2) Dichlorodifluoromethane		1.166	85	132406	46.856	ug/L	98
3) Chloromethane		1.294	50	139351	52.339	ug/L	99
5) Vinyl chloride		1.374	62	131001	53.083	ug/L	100
6) Bromomethane		1.618	94	80120	55.725	ug/L	99
8) Chloroethane		1.691	64	79169	54.082	ug/L	99
9) Trichlorofluoromethane		1.886	101	170303	49.061	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...		2.331	101	105153	46.412	ug/L	99
12) 1,1-Dichloroethene		2.319	96	105519	53.517	ug/L	93
13) Acetone		2.404	43	131270	75.189	ug/L	98
14) Carbon disulfide		2.514	76	281702	52.062	ug/L	99
15) Methyl Acetate		2.709	43	148965	55.148	ug/L	98
16) Methylene chloride		2.788	84	119444	52.757	ug/L	96
17) trans-1,2-Dichloroethene		3.093	96	110511	52.315	ug/L	99
18) Methyl tert-butyl Ether		3.111	73	408339	54.329	ug/L	98
19) 1,1-Dichloroethane		3.611	63	226490	53.778	ug/L	100
20) cis-1,2-Dichloroethene		4.489	96	126655	52.255	ug/L	99
22) 2-Butanone		4.574	43	211047	101.211	ug/L	99
23) Bromochloromethane		4.897	128	61570	51.181	ug/L	95
25) Chloroform		5.093	83	247943	54.121	ug/L	99

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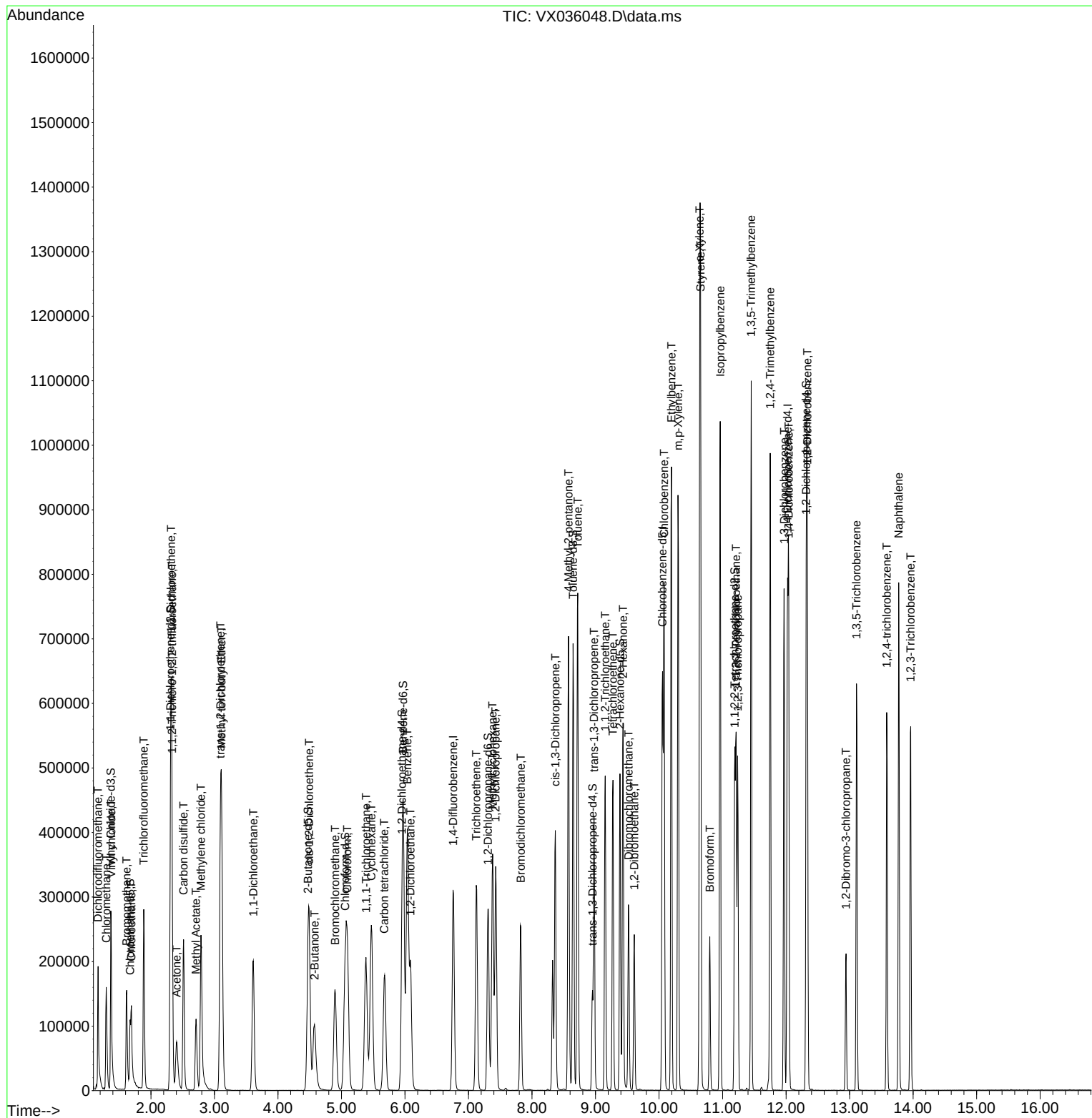
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	212077	54.254	ug/L	98
29) Cyclohexane	5.470	56	173196	44.949	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	200957	52.272	ug/L	98
31) Carbon tetrachloride	5.672	117	161234	50.502	ug/L	100
33) Benzene	6.037	78	472897	51.167	ug/L	100
34) Trichloroethene	7.123	95	122492	49.209	ug/L	96
35) Methylcyclohexane	7.379	83	157278	43.041	ug/L	100
37) 1,2-Dichloropropane	7.427	63	127438	52.537	ug/L	100
38) Bromodichloromethane	7.824	83	165091	52.792	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	196843	51.939	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	405220	110.922	ug/L	98
42) Toluene	8.720	91	488147	50.782	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	186016	52.416	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	122741	51.702	ug/L	99
46) Tetrachloroethene	9.275	164	85679	49.221	ug/L	97
48) 2-Hexanone	9.433	43	308422	106.994	ug/L	99
49) Dibromochloromethane	9.519	129	120420	53.461	ug/L	97
50) 1,2-Dibromoethane	9.610	107	132804	52.941	ug/L	99
51) Chlorobenzene	10.079	112	315620	49.907	ug/L	98
52) Ethylbenzene	10.195	91	545267	49.251	ug/L	100
53) m,p-Xylene	10.299	106	208397	49.635	ug/L	97
54) o-Xylene	10.640	106	207105	50.466	ug/L	98
55) Styrene	10.652	104	356418	51.103	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	198734	53.259	ug/L	99
59) Bromoform	10.799	173	79783	55.038	ug/L	98
60) Isopropylbenzene	10.963	105	533514	50.265	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	160500	54.131	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	443702	50.261	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	412662	50.514	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	234553	51.031	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	237699	50.558	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	236357	52.640	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	41199	55.019	ug/L	93
69) 1,3,5-Trichlorobenzene	13.109	180	141171	50.180	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	125875	48.982	ug/L	98
71) Naphthalene	13.774	128	451296	53.395	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	126385	49.459	ug/L	99

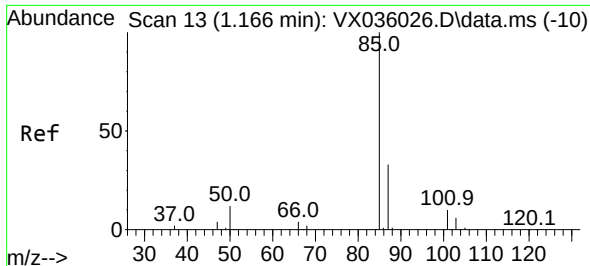
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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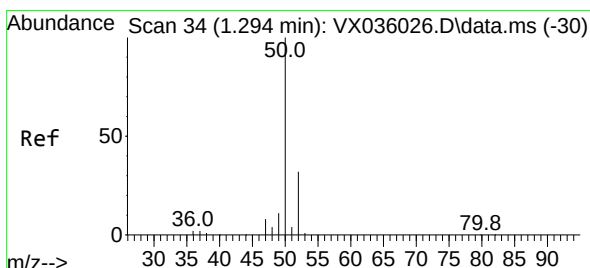
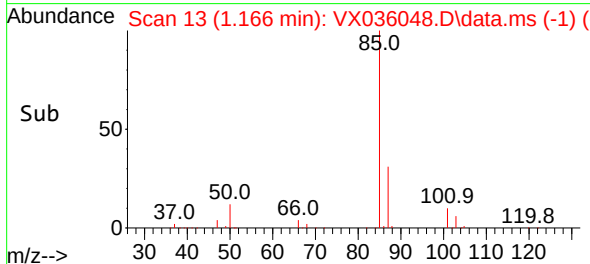
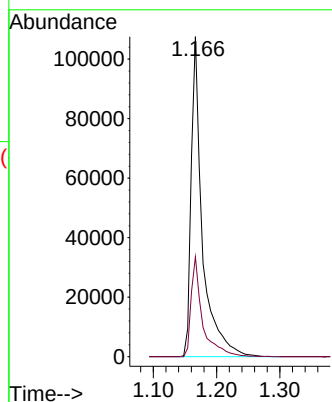
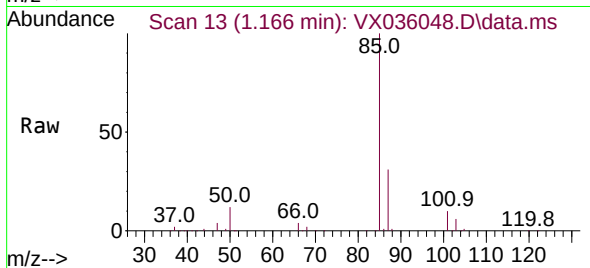




#2
 Dichlorodifluoromethane
 Concen: 46.856 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036048.D
 Acq: 06 Jun 2023 21:15

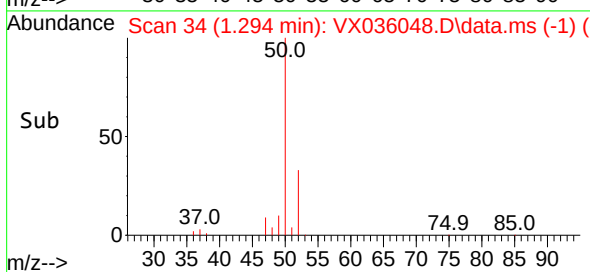
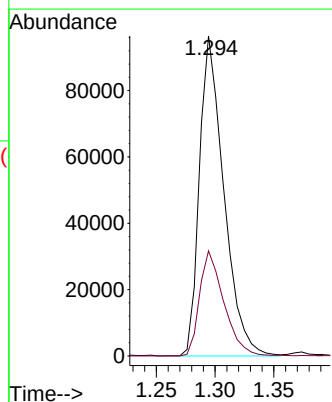
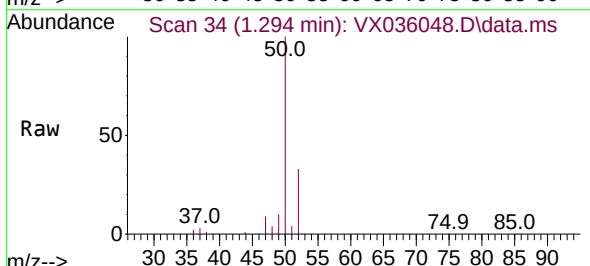
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050689

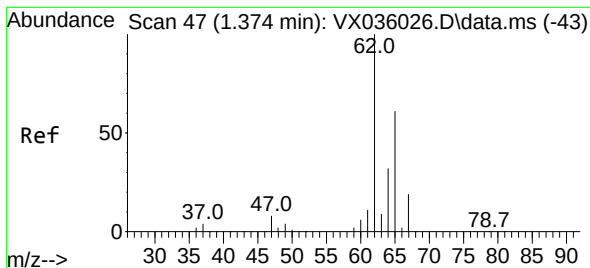
Tgt Ion: 85 Resp: 132406
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.4 39.6



#3
 Chloromethane
 Concen: 52.339 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX036048.D
 Acq: 06 Jun 2023 21:15

Tgt Ion: 50 Resp: 139351
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.5 41.9





#5

Vinyl chloride

Concen: 53.083 ug/L

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX036048.D

Acq: 06 Jun 2023 21:15

Instrument :

MSVOA_X

ClientSampleId :

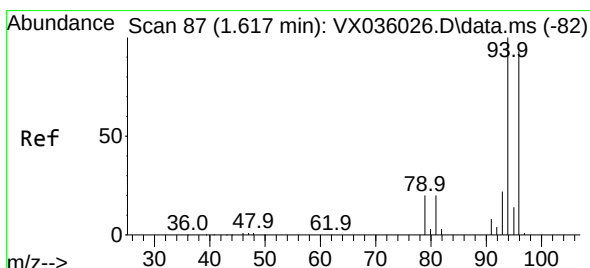
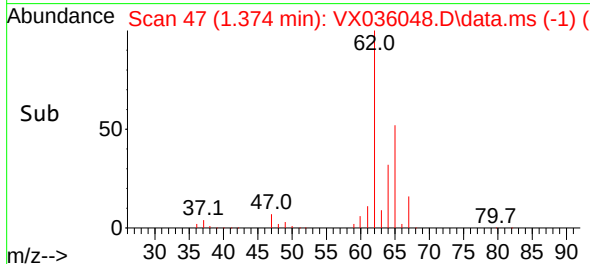
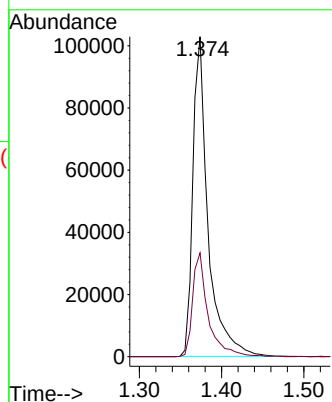
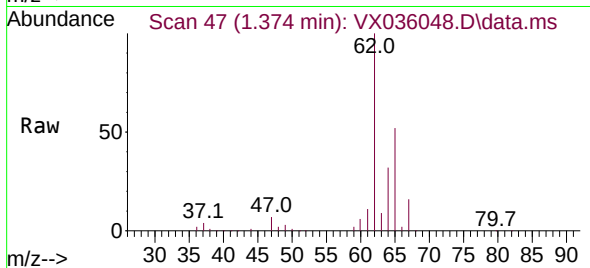
VSTD050689

Tgt Ion: 62 Resp: 131001

Ion Ratio Lower Upper

62 100

64 32.4 22.7 42.1



#6

Bromomethane

Concen: 55.725 ug/L

RT: 1.618 min Scan# 87

Delta R.T. 0.000 min

Lab File: VX036048.D

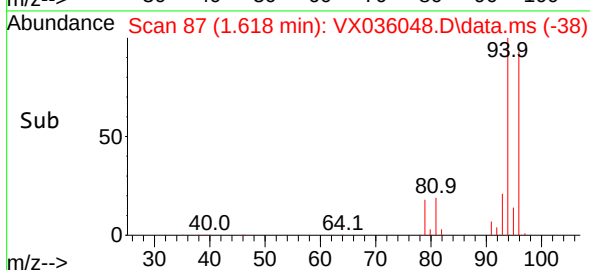
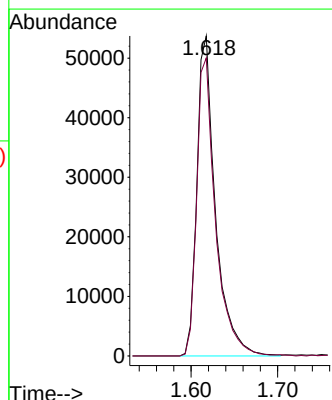
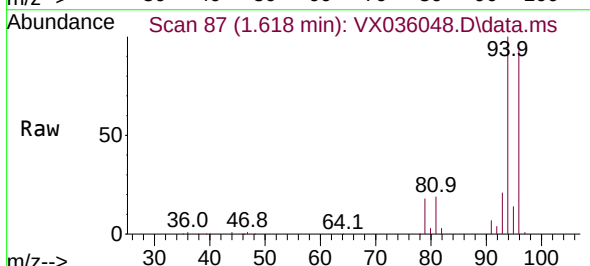
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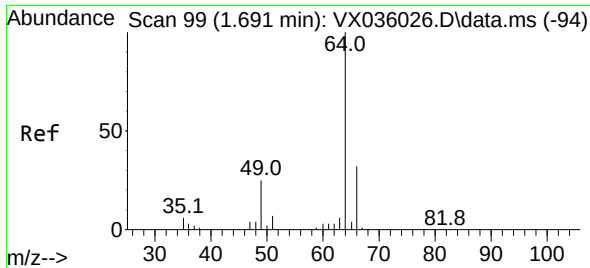
Tgt Ion: 94 Resp: 80120

Ion Ratio Lower Upper

94 100

96 93.1 65.8 122.2

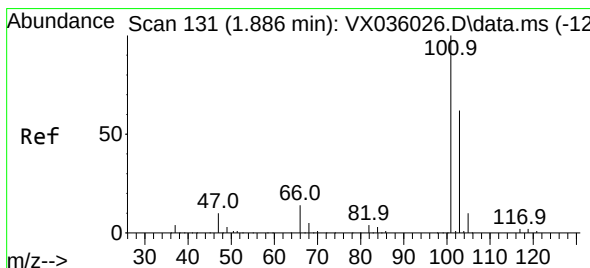
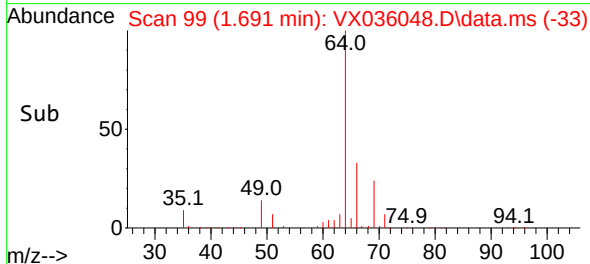
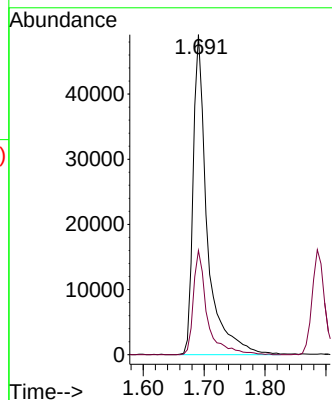
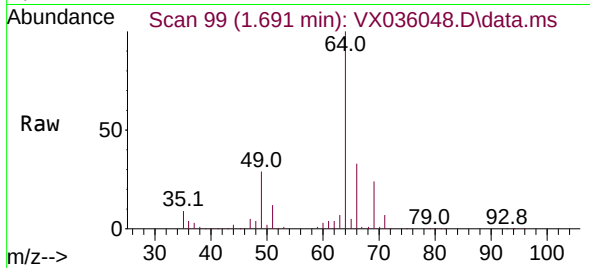




#8
Chloroethane
Concen: 54.082 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

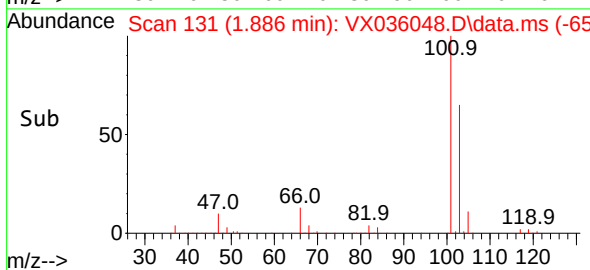
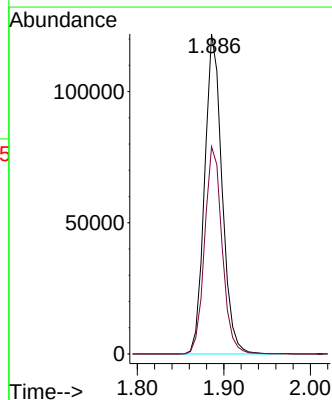
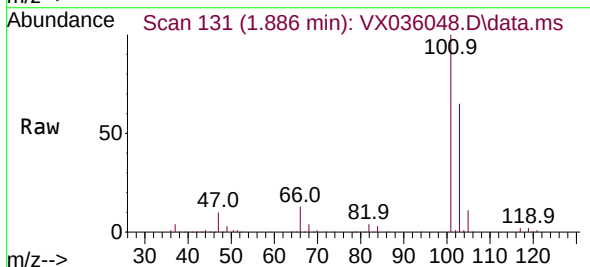
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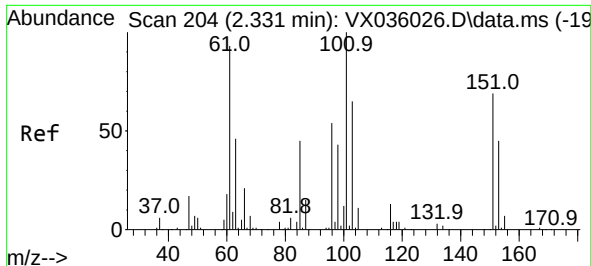
Tgt Ion: 64 Resp: 79169
Ion Ratio Lower Upper
64 100
66 32.6 22.5 41.7



#9
Trichlorofluoromethane
Concen: 49.061 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

Tgt Ion:101 Resp: 170303
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0

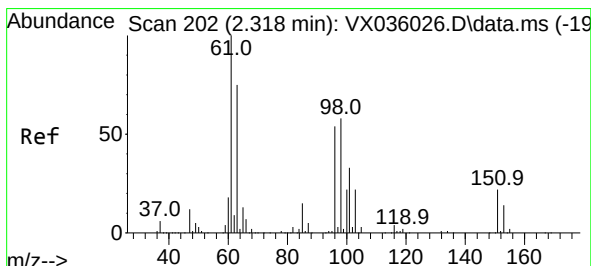
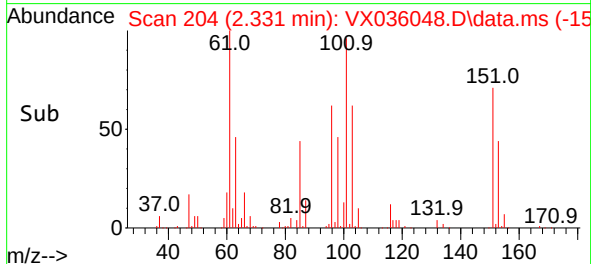
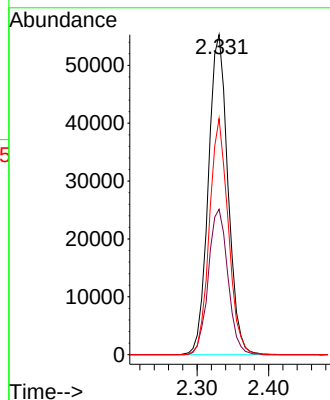
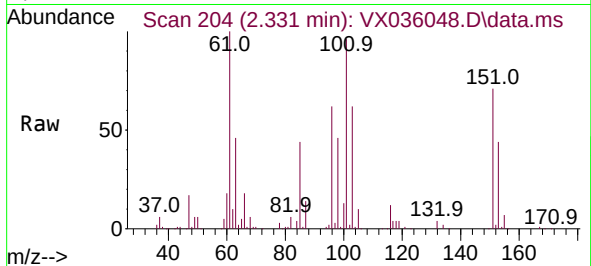




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.412 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

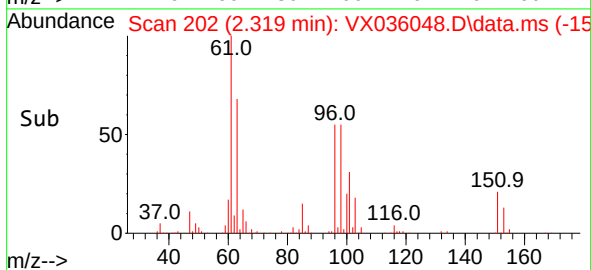
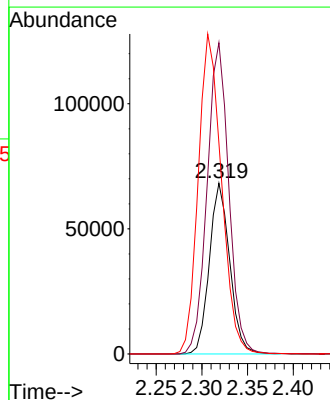
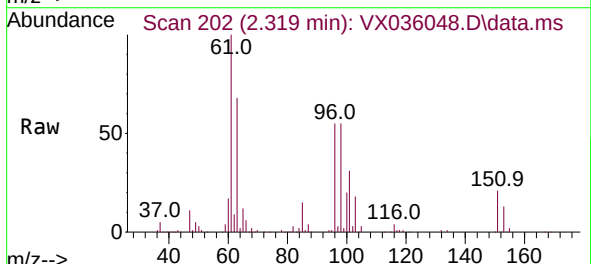
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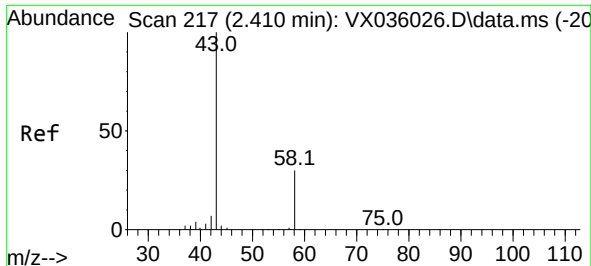
Tgt Ion:101 Resp: 105153
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 71.1 56.1 84.1



#12
1,1-Dichloroethene
Concen: 53.517 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

Tgt Ion: 96 Resp: 105519
Ion Ratio Lower Upper
96 100
61 182.2 132.5 246.1
63 123.5 95.1 176.7





#13

Acetone

Concen: 75.189 ug/L

RT: 2.404 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX036048.D

Acq: 06 Jun 2023 21:15

Instrument :

MSVOA_X

ClientSampleId :

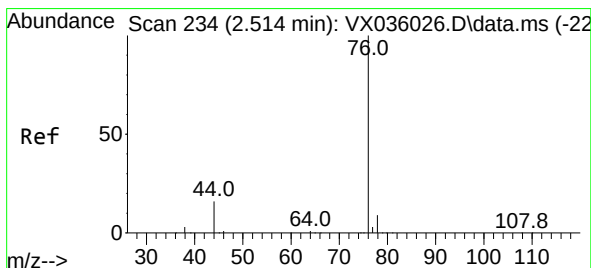
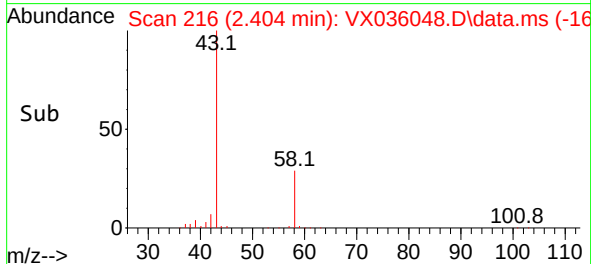
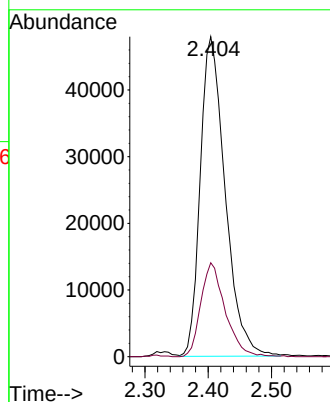
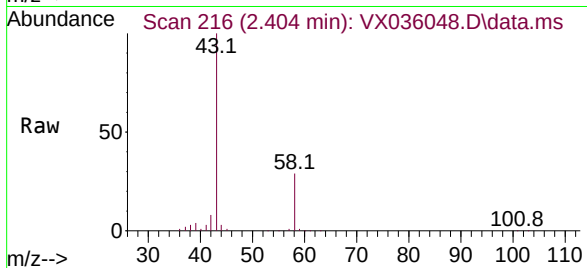
VSTD050689

Tgt Ion: 43 Resp: 131270

Ion Ratio Lower Upper

43 100

58 28.8 0.0 55.4



#14

Carbon disulfide

Concen: 52.062 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

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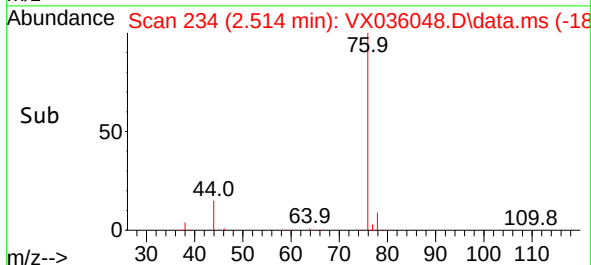
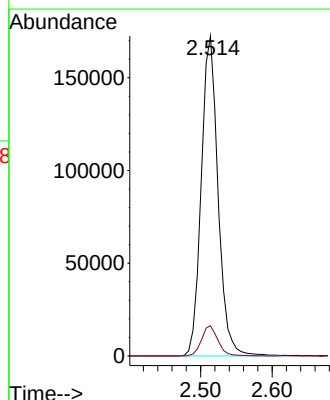
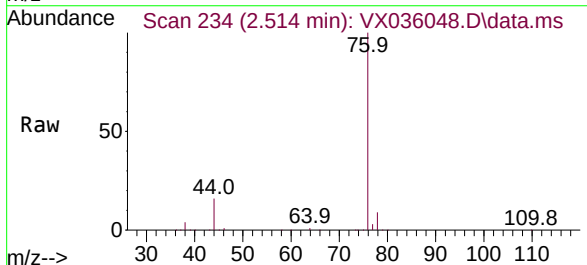
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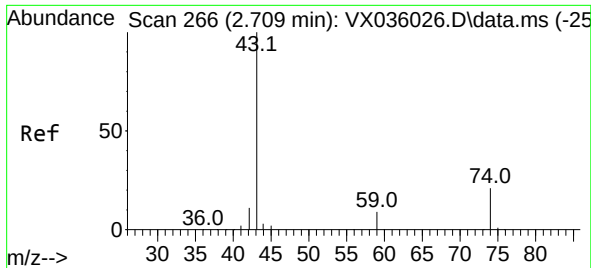
Tgt Ion: 76 Resp: 281702

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9

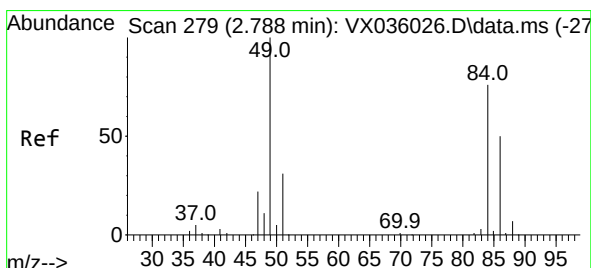
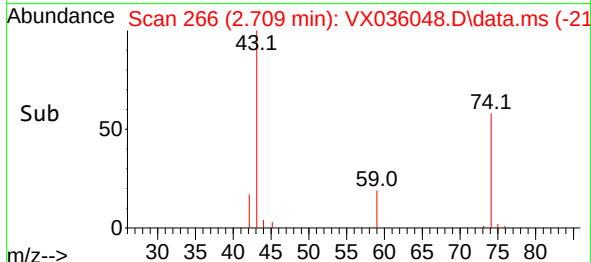
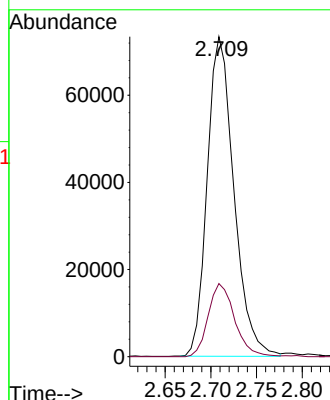
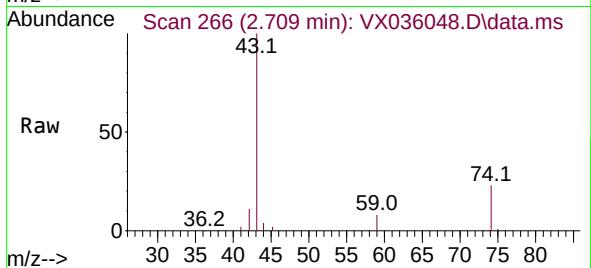




#15
Methyl Acetate
Concen: 55.148 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

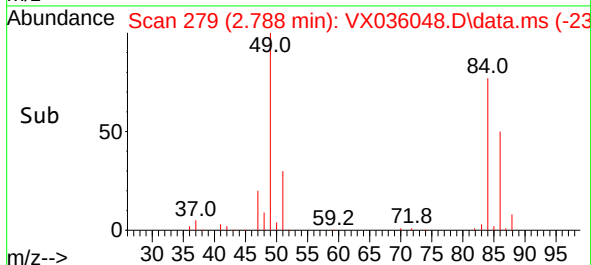
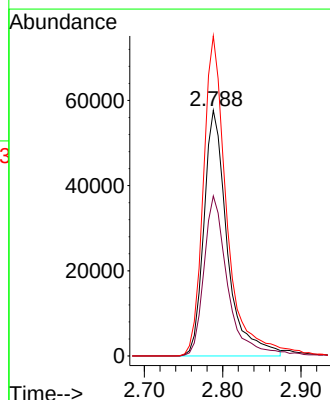
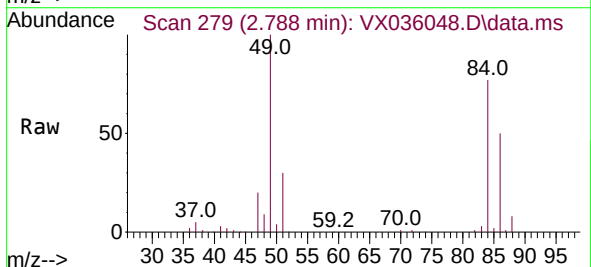
Instrument :
MSVOA_X
ClientSampleId :
VSTD050689

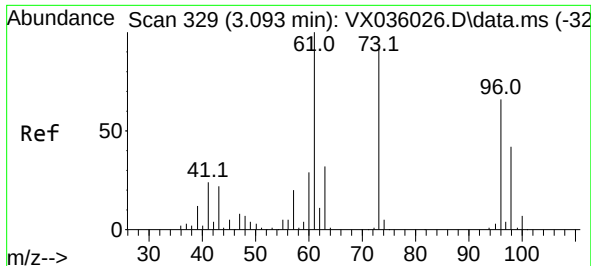
Tgt Ion: 43 Resp: 148965
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.2



#16
Methylene chloride
Concen: 52.757 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

Tgt Ion: 84 Resp: 119444
Ion Ratio Lower Upper
84 100
86 65.1 46.5 86.5
49 130.3 95.1 176.5

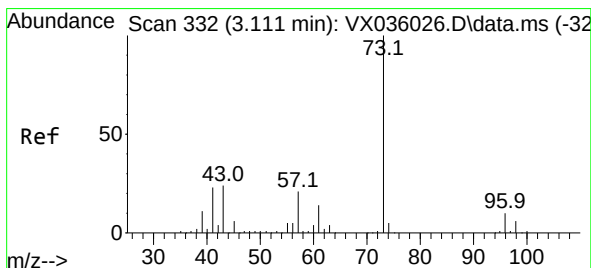
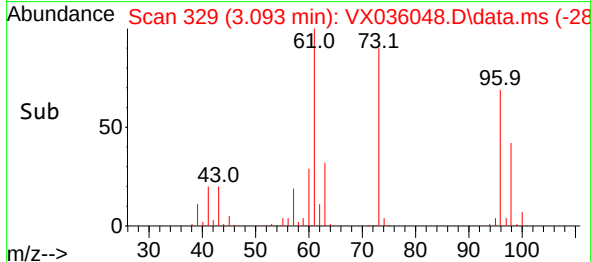
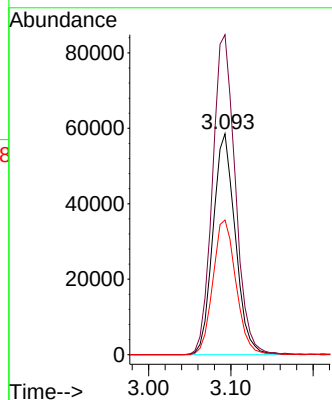
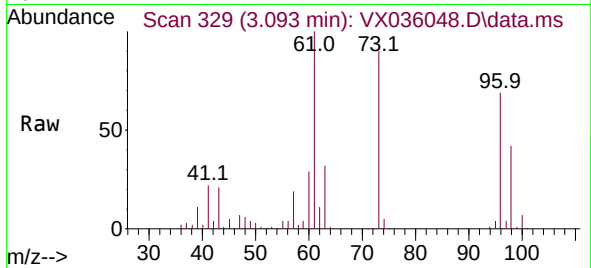




#17
trans-1,2-Dichloroethene
Concen: 52.315 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

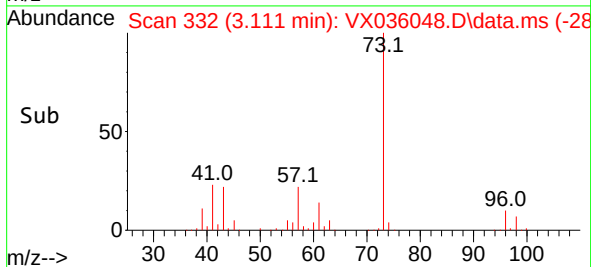
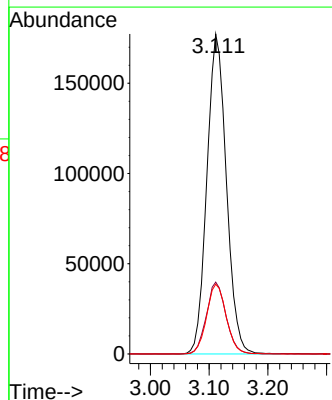
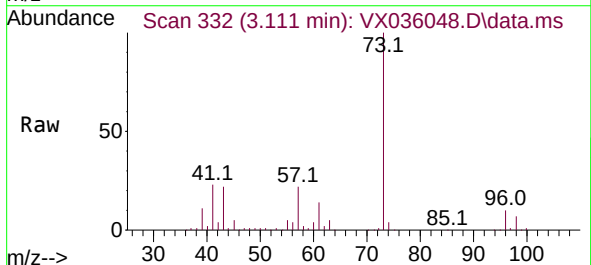
Instrument :
MSVOA_X
ClientSampleId :
VSTD050689

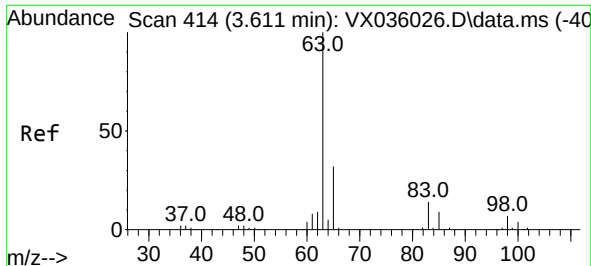
Tgt Ion: 96 Resp: 110511
Ion Ratio Lower Upper
96 100
61 144.8 100.7 187.1
98 61.0 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 54.329 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

Tgt Ion: 73 Resp: 408339
Ion Ratio Lower Upper
73 100
43 22.6 19.4 29.0
57 21.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 53.778 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX036048.D

Acq: 06 Jun 2023 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTD050689

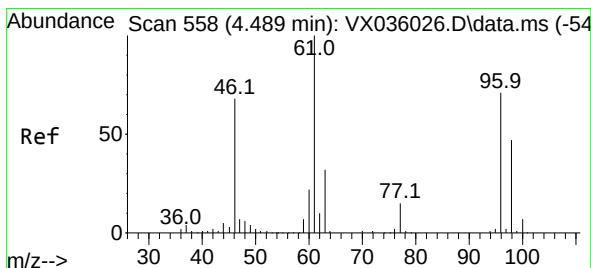
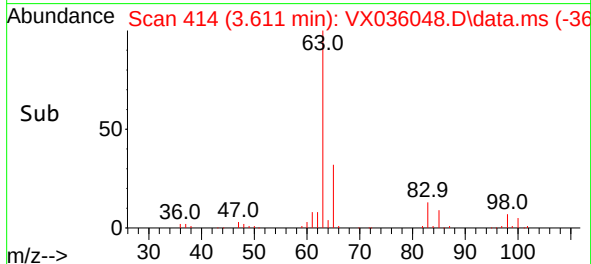
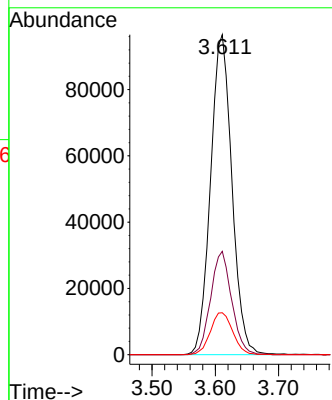
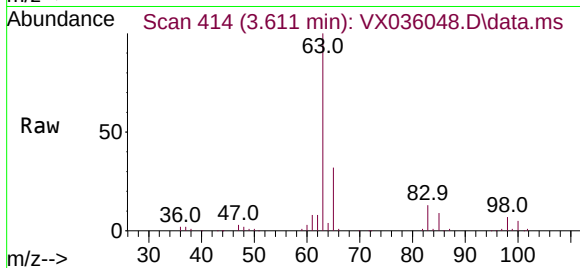
Tgt Ion: 63 Resp: 226490

Ion Ratio Lower Upper

63 100

65 32.3 22.6 42.0

83 13.1 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 52.255 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX036048.D

Acq: 06 Jun 2023 21:15

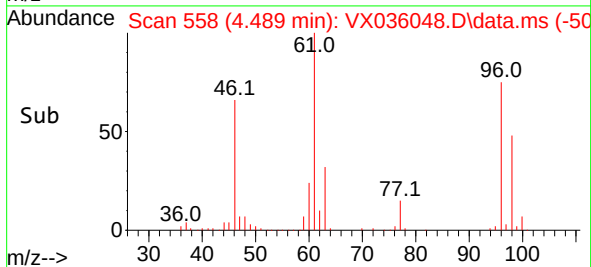
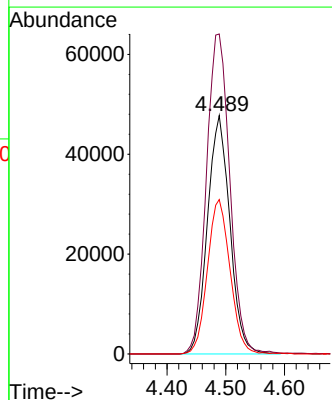
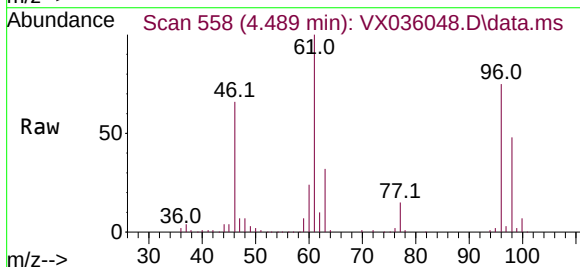
Tgt Ion: 96 Resp: 126655

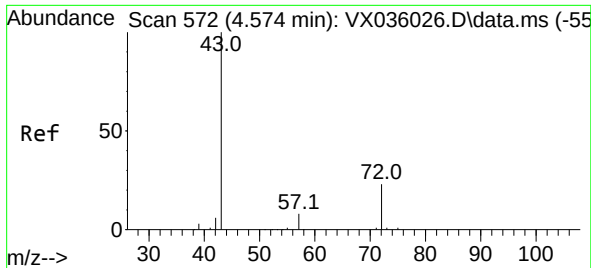
Ion Ratio Lower Upper

96 100

61 134.2 94.7 175.9

98 64.8 45.4 84.4

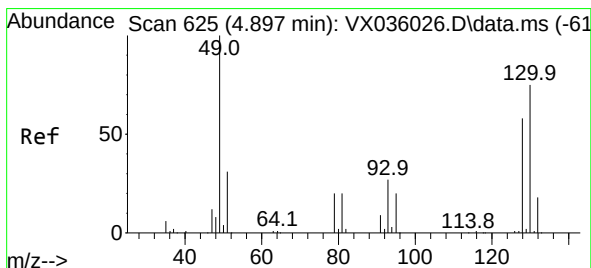
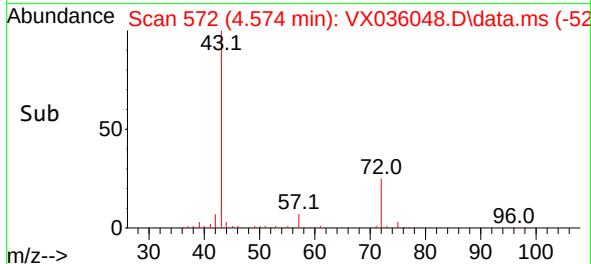
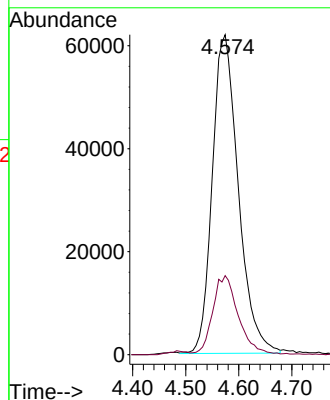
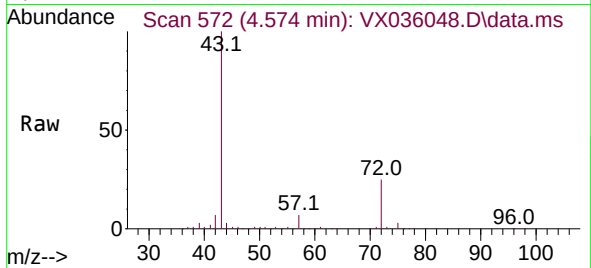




#22
2-Butanone
Concen: 101.211 ug/L
RT: 4.574 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

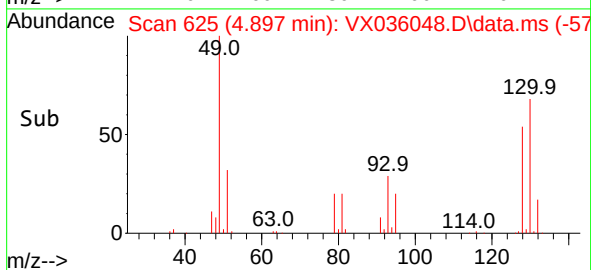
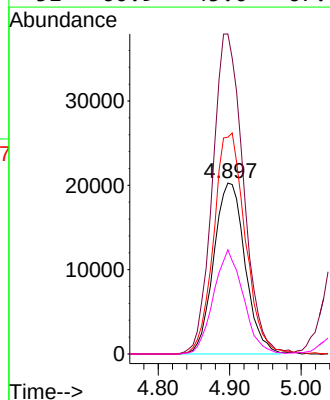
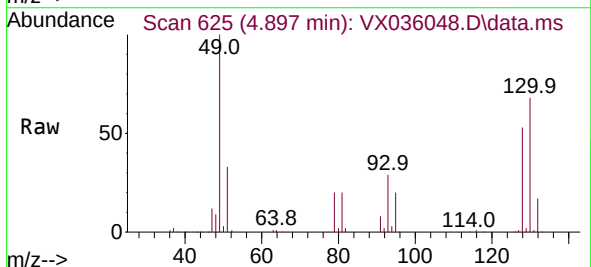
Instrument :
MSVOA_X
ClientSampleId :
VSTD050689

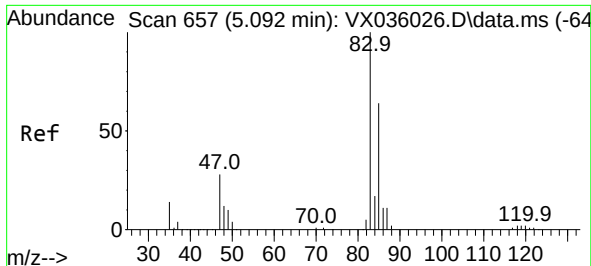
Tgt Ion: 43 Resp: 211047
Ion Ratio Lower Upper
43 100
72 24.4 12.0 36.1



#23
Bromochloromethane
Concen: 51.181 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

Tgt Ion:128 Resp: 61570
Ion Ratio Lower Upper
128 100
49 187.3 123.9 230.1
130 126.8 88.3 164.1
51 60.9 45.0 67.6

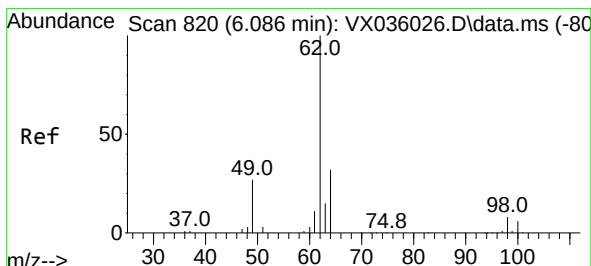
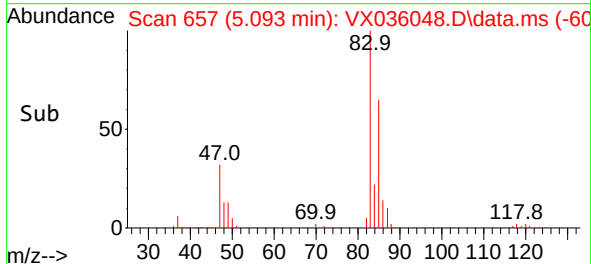
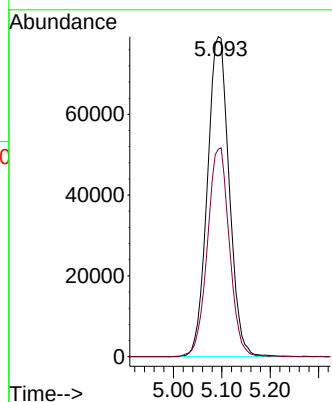
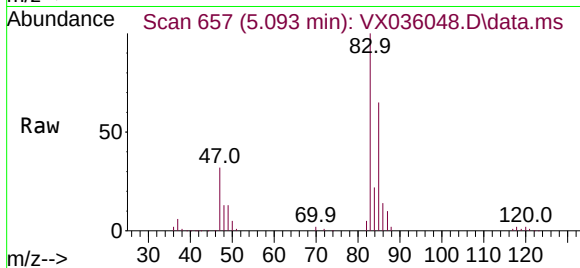




#25
Chloroform
Concen: 54.121 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

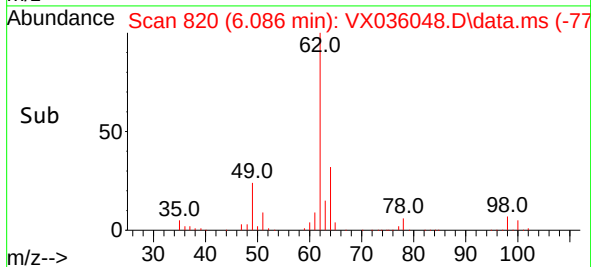
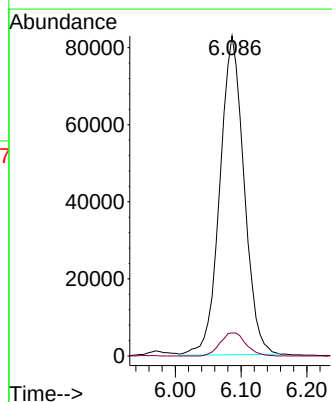
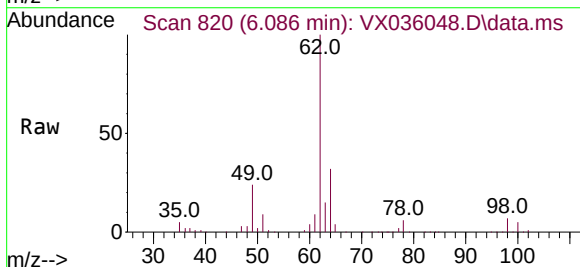
Instrument :
MSVOA_X
ClientSampleId :
VSTD050689

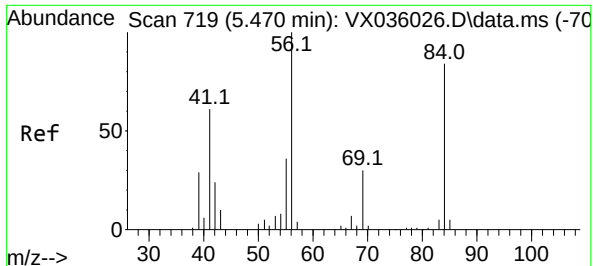
Tgt Ion: 83 Resp: 247943
Ion Ratio Lower Upper
83 100
85 64.8 45.0 83.6



#27
1,2-Dichloroethane
Concen: 54.254 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

Tgt Ion: 62 Resp: 212077
Ion Ratio Lower Upper
62 100
98 7.2 6.4 9.6

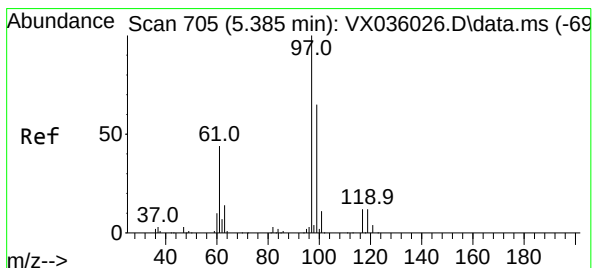
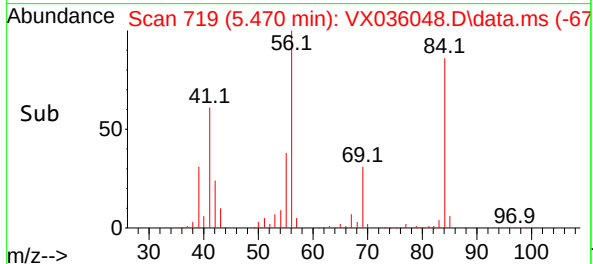
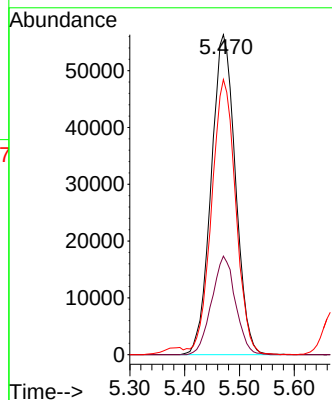
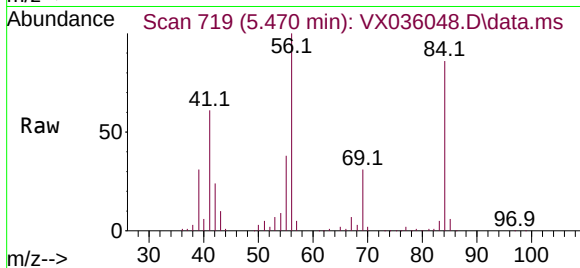




#29
Cyclohexane
Concen: 44.949 ug/L
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

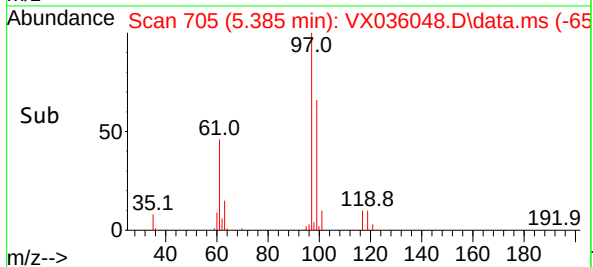
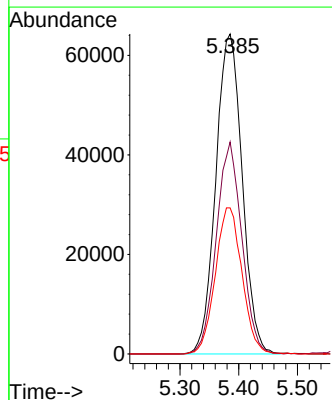
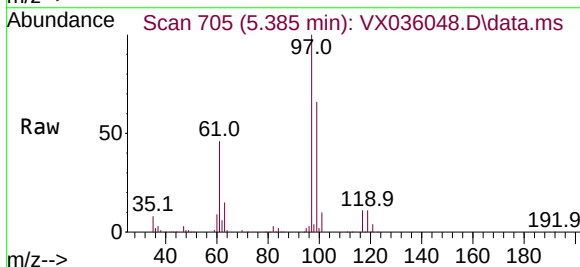
Instrument :
MSVOA_X
ClientSampleId :
VSTD050689

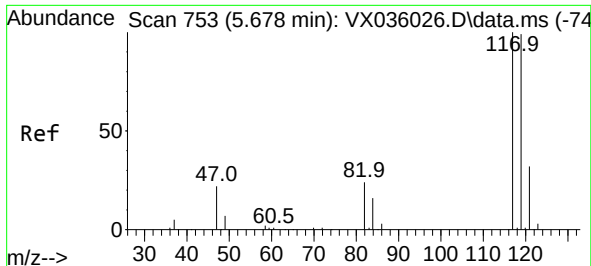
Tgt Ion: 56 Resp: 173196
Ion Ratio Lower Upper
56 100
69 30.0 24.3 36.5
84 85.2 68.4 102.6



#30
1,1,1-Trichloroethane
Concen: 52.272 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

Tgt Ion: 97 Resp: 200957
Ion Ratio Lower Upper
97 100
99 64.0 51.9 77.9
61 46.1 38.0 57.0

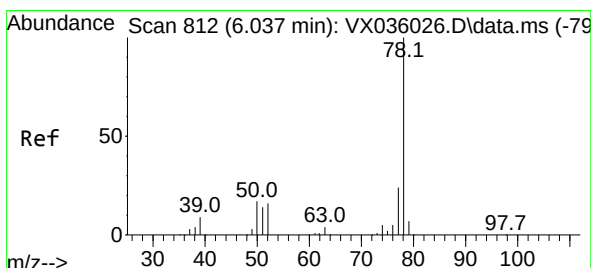
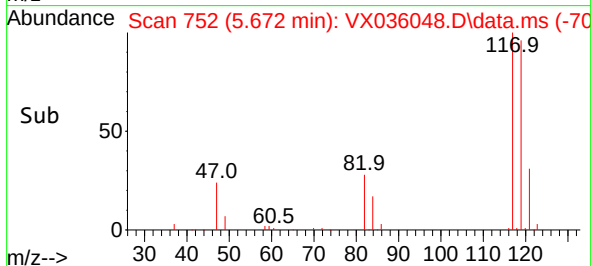
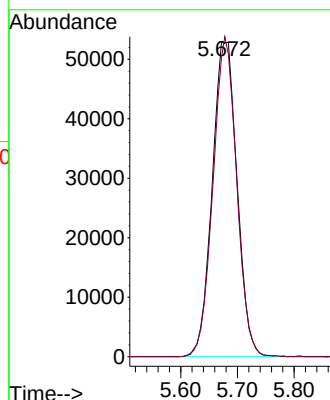
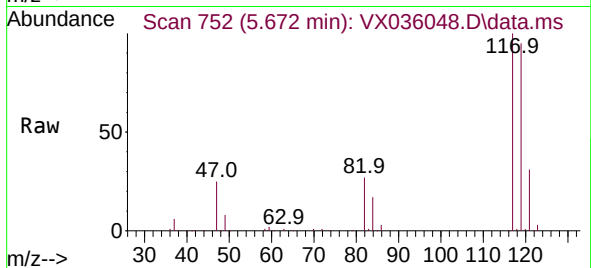




#31
Carbon tetrachloride
Concen: 50.502 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

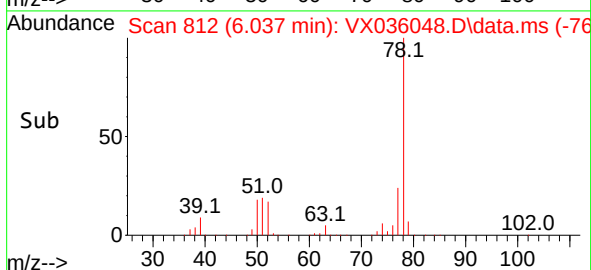
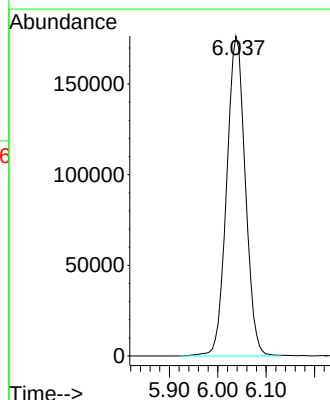
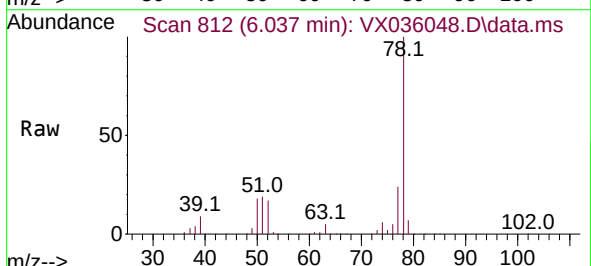
Instrument :
MSVOA_X
ClientSampleId :
VSTD050689

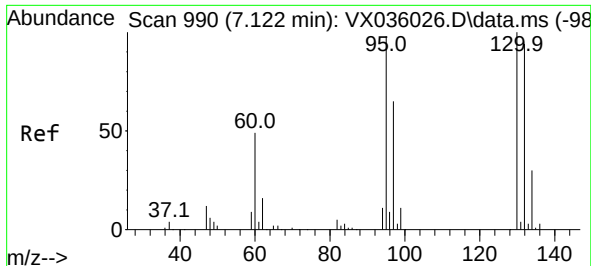
Tgt Ion:117 Resp: 161234
Ion Ratio Lower Upper
117 100
119 96.3 76.9 115.3



#33
Benzene
Concen: 51.167 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

Tgt Ion: 78 Resp: 472897



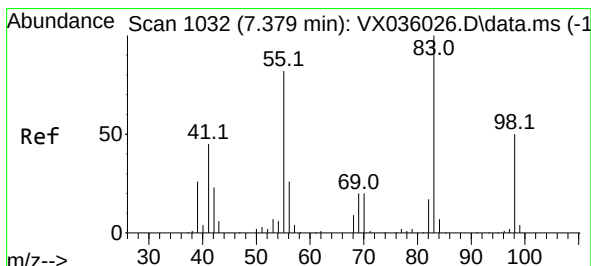
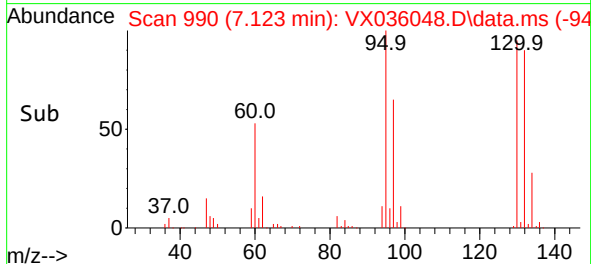
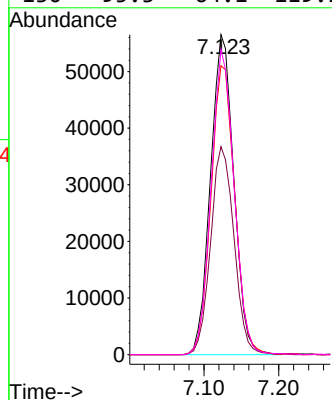
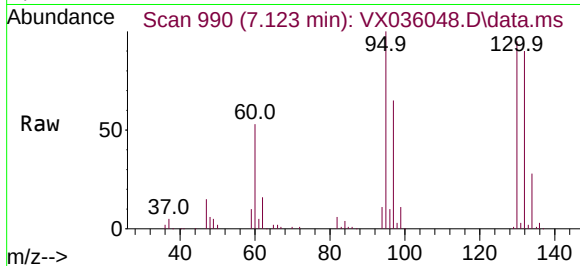


#34
Trichloroethene
Concen: 49.209 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTD050689

Tgt Ion: 95 Resp: 122492

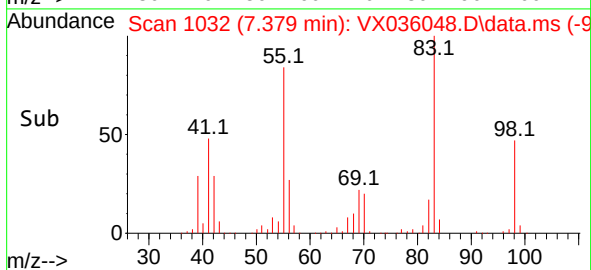
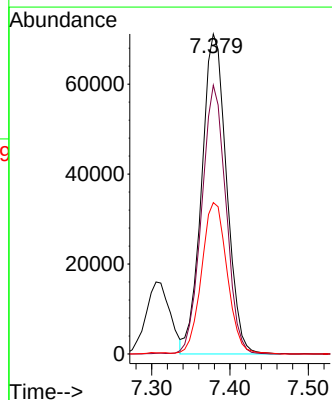
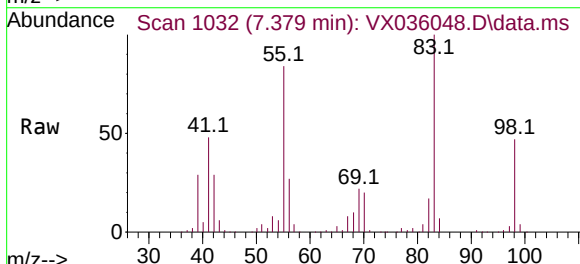
Ion	Ratio	Lower	Upper
95	100		
97	65.0	43.6	81.0
132	90.3	59.9	111.3
130	95.3	64.1	119.1

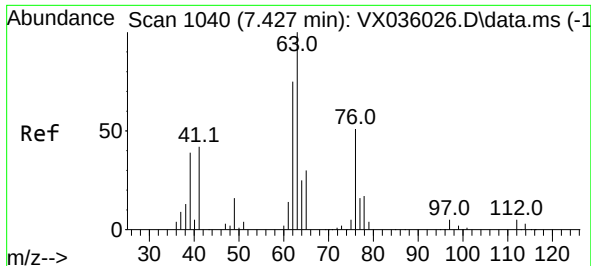


#35
Methylcyclohexane
Concen: 43.041 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

Tgt Ion: 83 Resp: 157278

Ion	Ratio	Lower	Upper
83	100		
55	81.8	65.4	98.2
98	48.7	39.0	58.6





#37

1,2-Dichloropropane

Concen: 52.537 ug/L

RT: 7.427 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX036048.D

Acq: 06 Jun 2023 21:15

Instrument :

MSVOA_X

ClientSampleId :

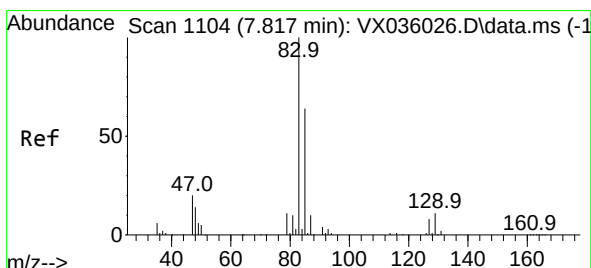
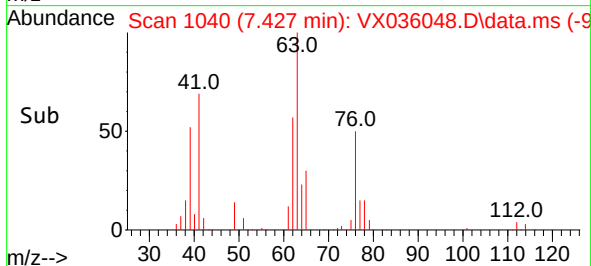
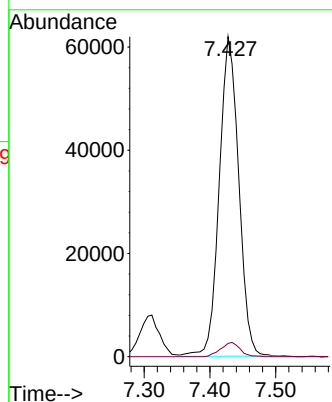
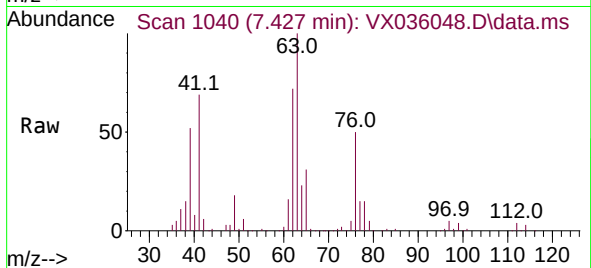
VSTD050689

Tgt Ion: 63 Resp: 127438

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 52.792 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX036048.D

Acq: 06 Jun 2023 21:15

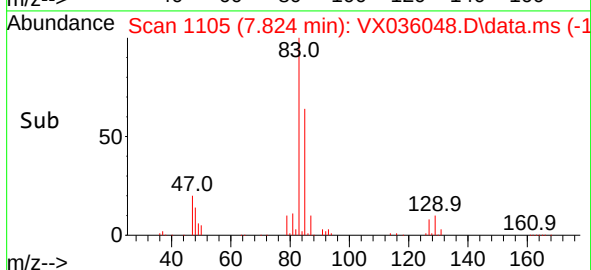
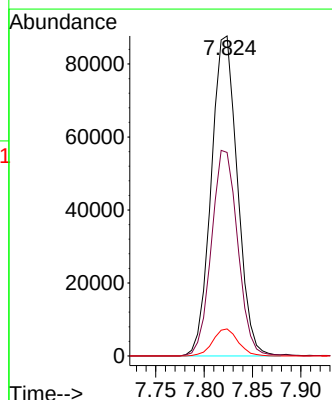
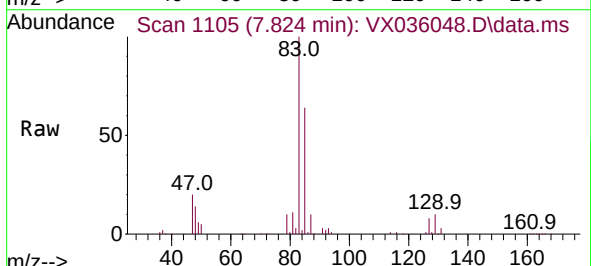
Tgt Ion: 83 Resp: 165091

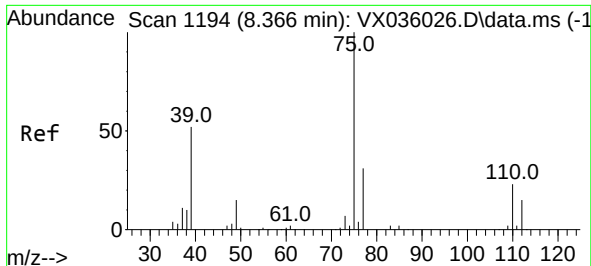
Ion Ratio Lower Upper

83 100

85 63.6 45.3 84.1

127 8.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 51.939 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036048.D

Acq: 06 Jun 2023 21:15

Instrument :

MSVOA_X

ClientSampleId :

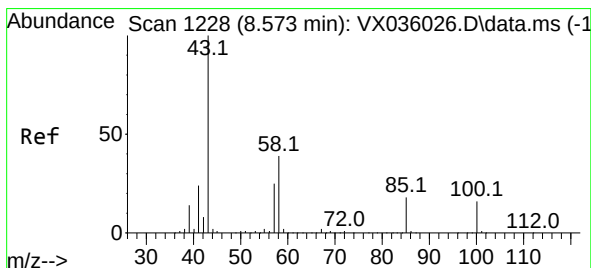
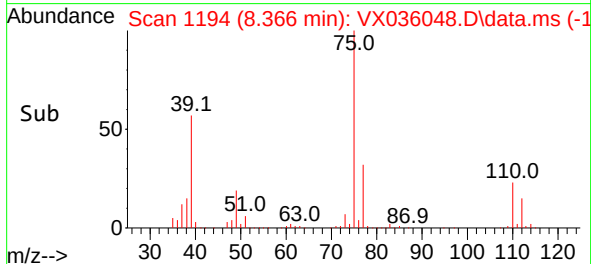
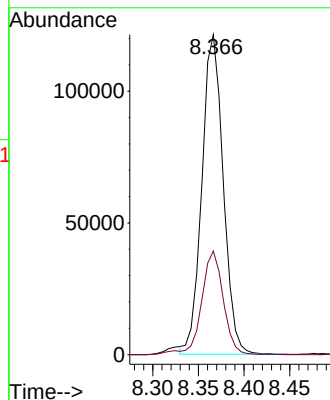
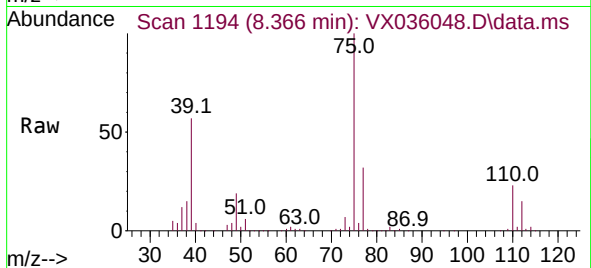
VSTD050689

Tgt Ion: 75 Resp: 196843

Ion Ratio Lower Upper

75 100

77 32.4 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 110.922 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036048.D

Acq: 06 Jun 2023 21:15

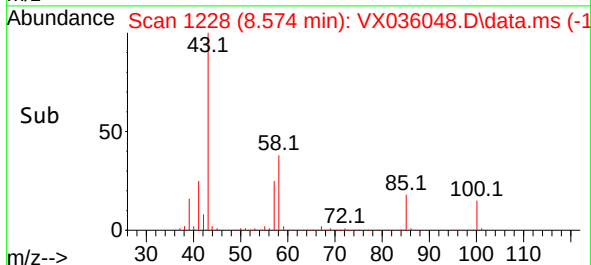
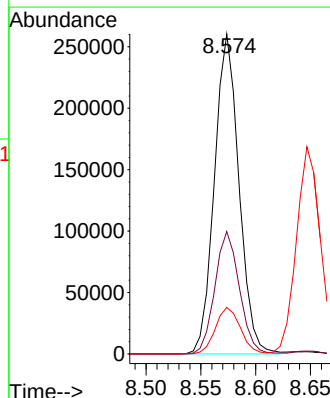
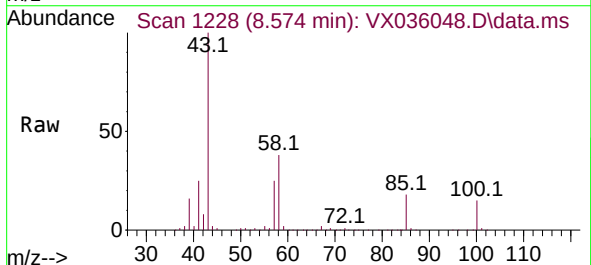
Tgt Ion: 43 Resp: 405220

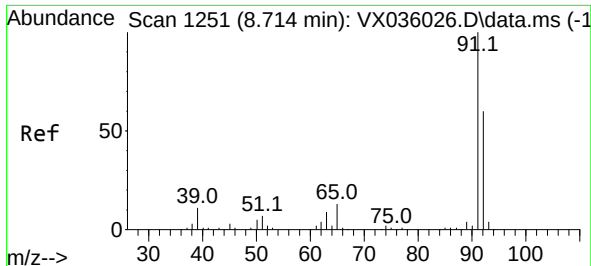
Ion Ratio Lower Upper

43 100

58 38.3 29.4 44.2

100 14.9 11.8 17.6





#42

Toluene

Concen: 50.782 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX036048.D

Acq: 06 Jun 2023 21:15

Instrument :

MSVOA_X

ClientSampleId :

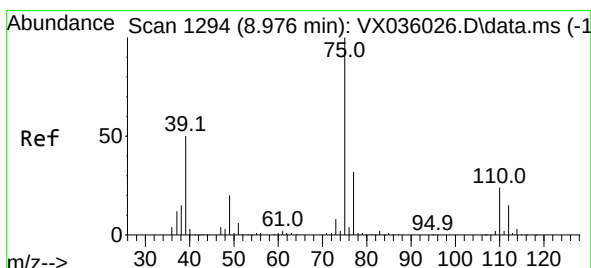
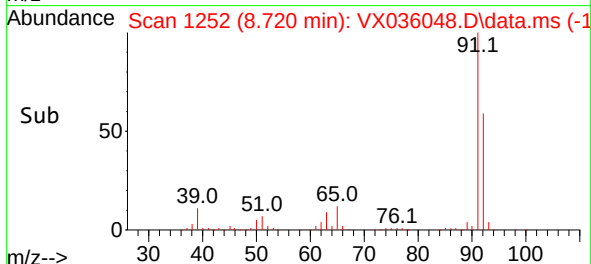
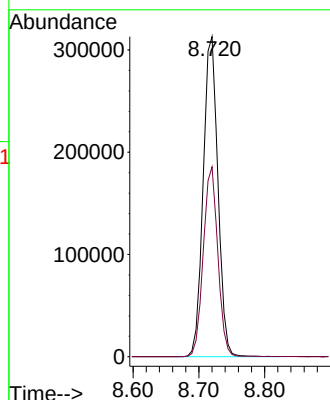
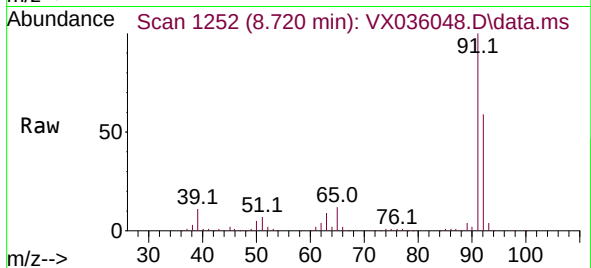
VSTD050689

Tgt Ion: 91 Resp: 488147

Ion Ratio Lower Upper

91 100

92 59.3 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 52.416 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX036048.D

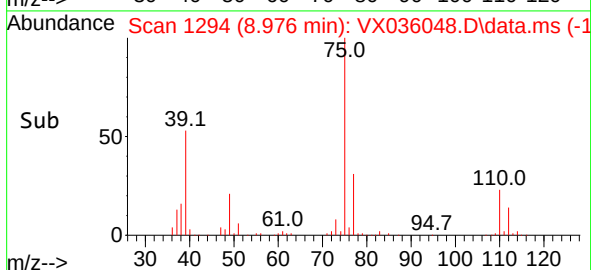
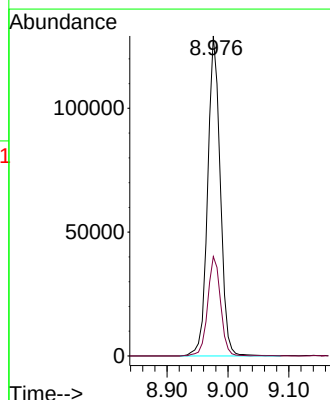
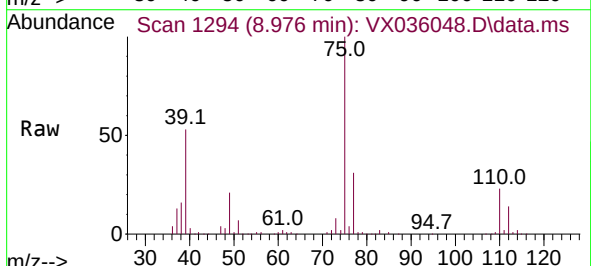
Acq: 06 Jun 2023 21:15

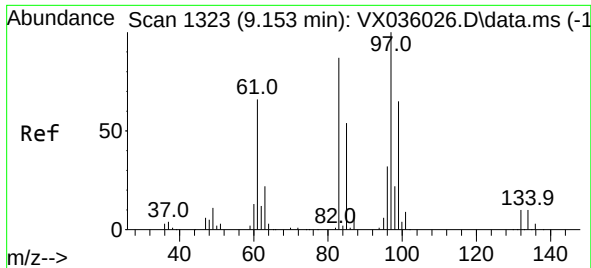
Tgt Ion: 75 Resp: 186016

Ion Ratio Lower Upper

75 100

77 31.0 22.0 41.0



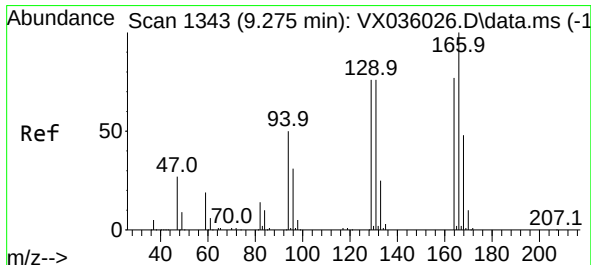
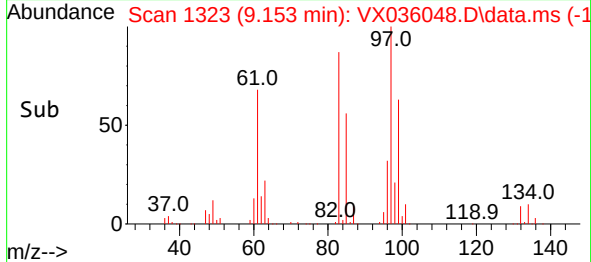
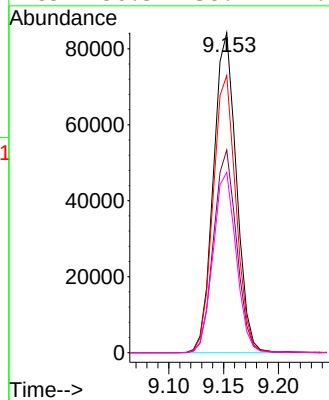
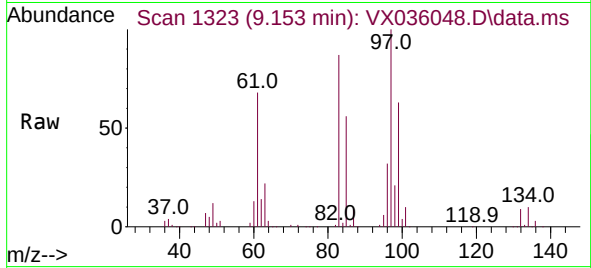


#45
1,1,2-Trichloroethane
Concen: 51.702 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTD050689

Tgt Ion: 97 Resp: 122741

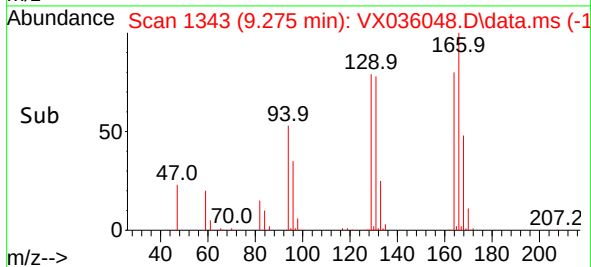
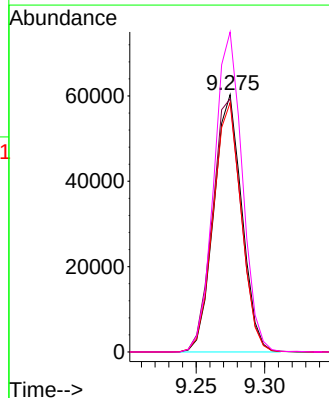
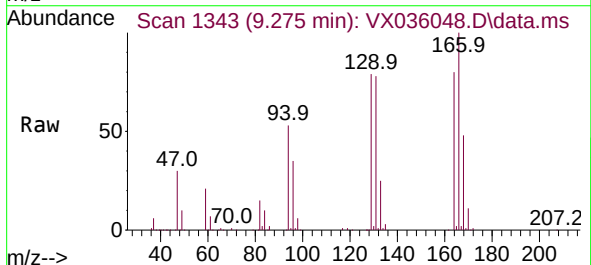
Ion	Ratio	Lower	Upper
97	100		
99	63.3	42.9	79.7
83	86.6	61.0	113.2
85	56.3	38.7	71.9

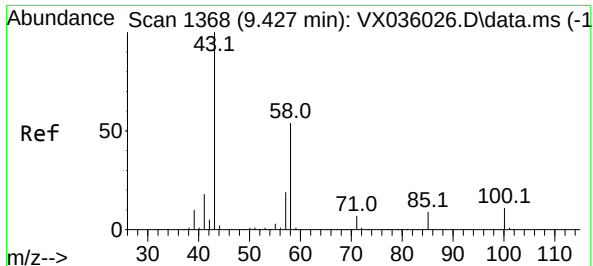


#46
Tetrachloroethene
Concen: 49.221 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

Tgt Ion: 164 Resp: 85679

Ion	Ratio	Lower	Upper
164	100		
129	98.4	74.8	139.0
131	96.9	68.9	127.9
166	124.4	86.8	161.2





#48

2-Hexanone

Concen: 106.994 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX036048.D

Acq: 06 Jun 2023 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTD050689

Tgt Ion: 43 Resp: 308422

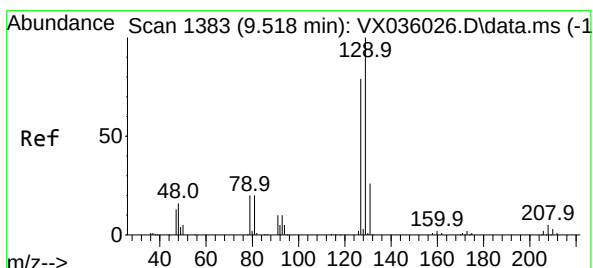
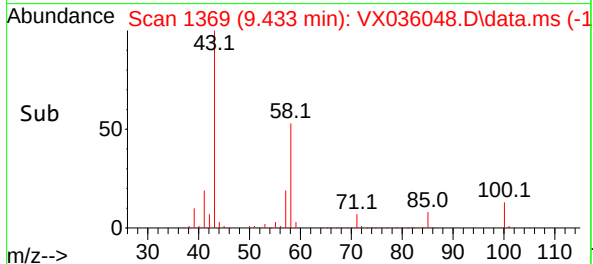
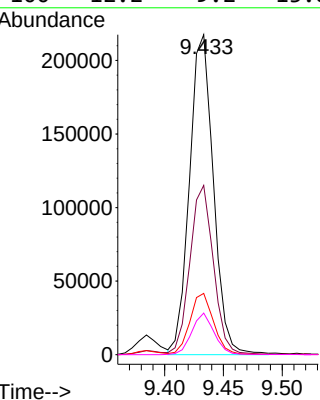
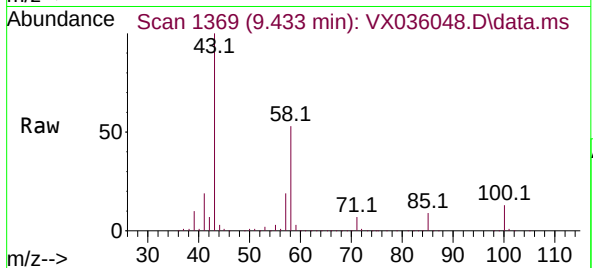
Ion Ratio Lower Upper

43 100

58 51.9 41.0 61.6

57 19.0 15.2 22.8

100 12.2 9.2 13.8



#49

Dibromochloromethane

Concen: 53.461 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX036048.D

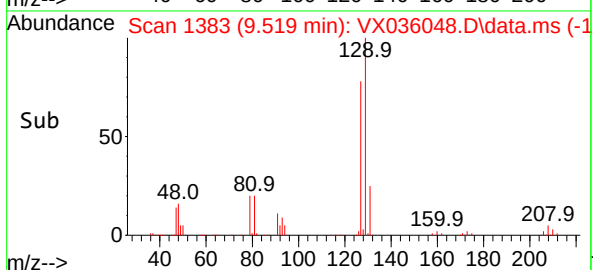
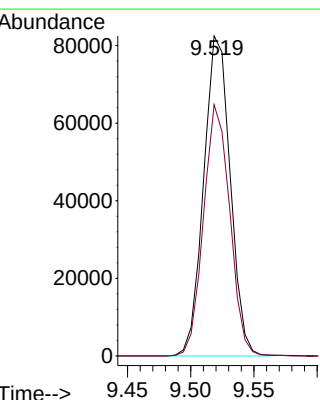
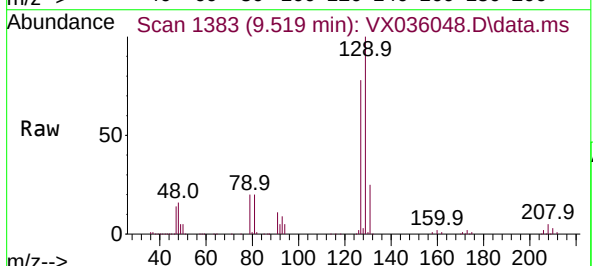
Acq: 06 Jun 2023 21:15

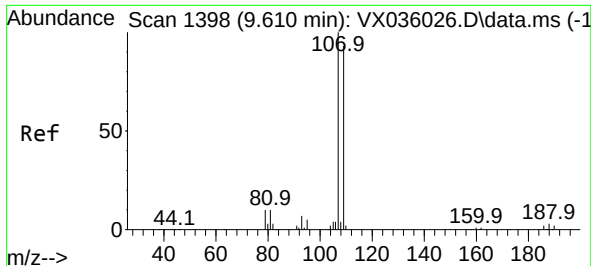
Tgt Ion: 129 Resp: 120420

Ion Ratio Lower Upper

129 100

127 78.5 53.3 98.9

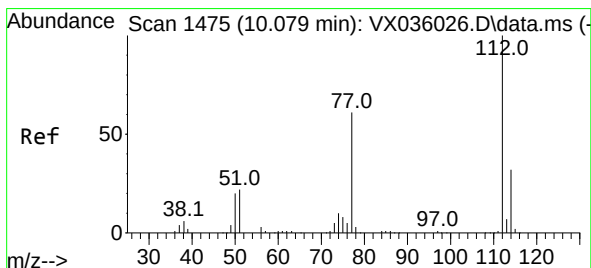
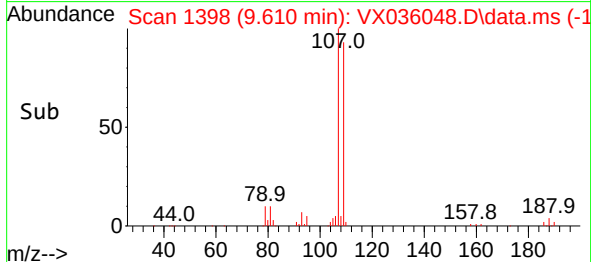
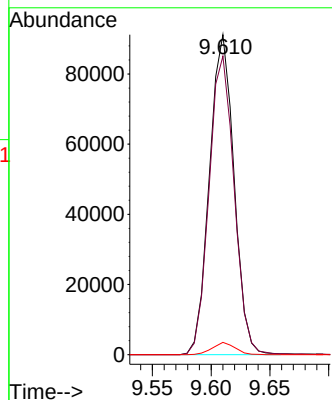
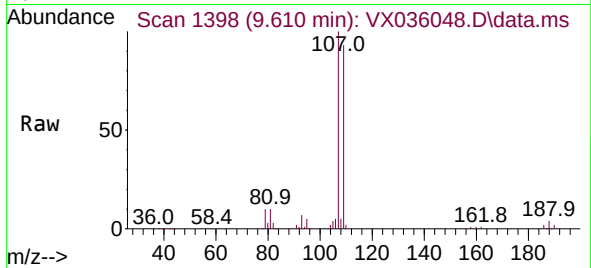




#50
1,2-Dibromoethane
Concen: 52.941 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

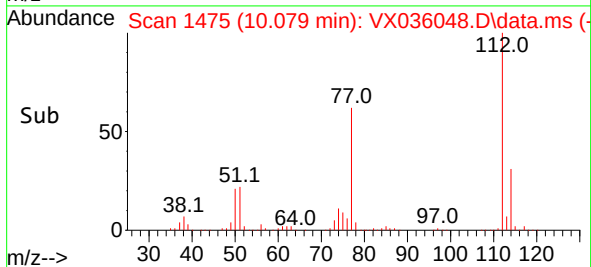
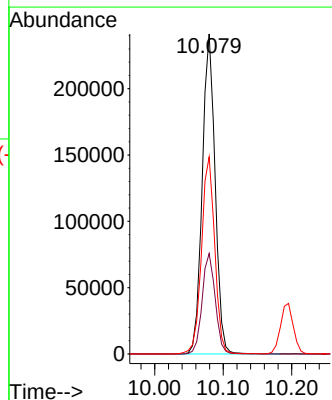
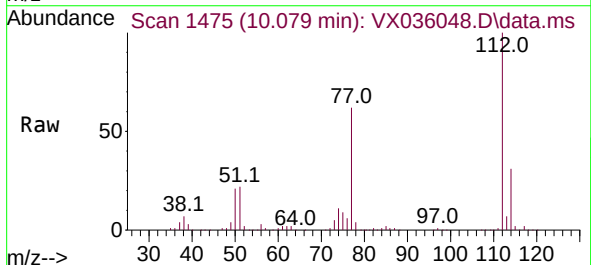
Instrument :
MSVOA_X
ClientSampleId :
VSTD050689

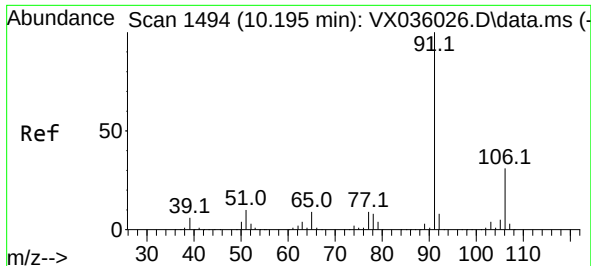
Tgt Ion:107 Resp: 132804
Ion Ratio Lower Upper
107 100
109 93.3 66.1 122.8
188 3.8 2.9 4.3



#51
Chlorobenzene
Concen: 49.907 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

Tgt Ion:112 Resp: 315620
Ion Ratio Lower Upper
112 100
114 31.4 22.7 42.3
77 61.6 50.6 75.8

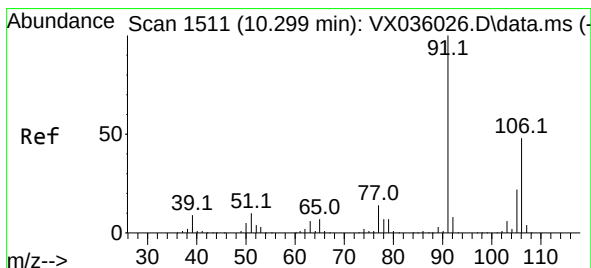
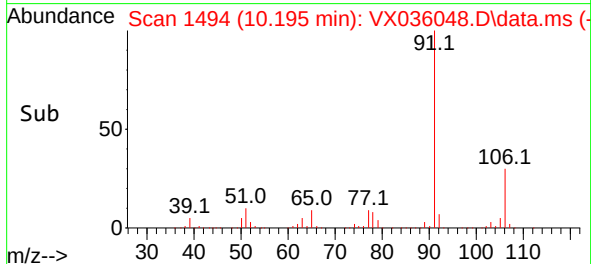
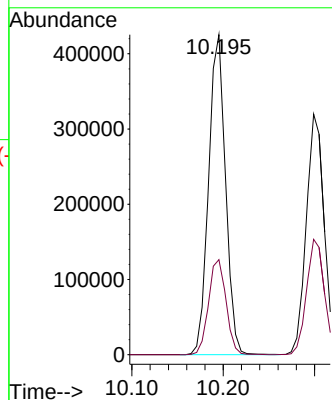
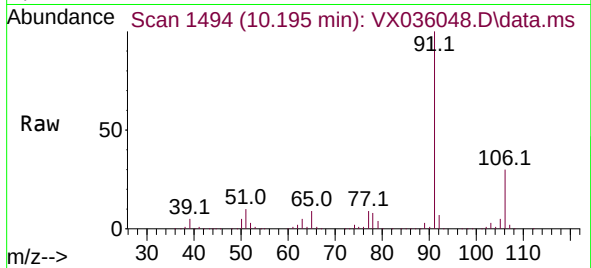




#52
Ethylbenzene
Concen: 49.251 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

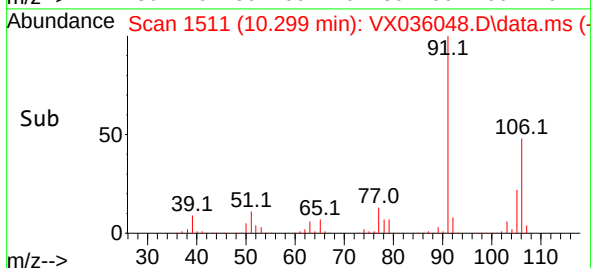
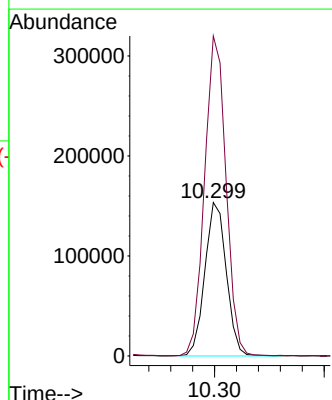
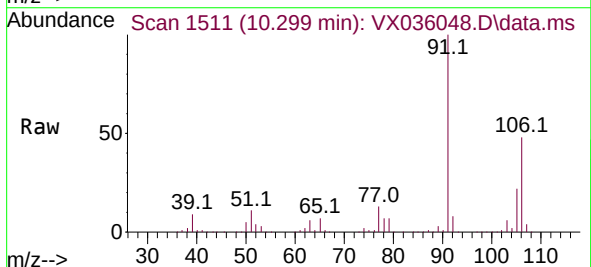
Instrument :
MSVOA_X
ClientSampleId :
VSTD050689

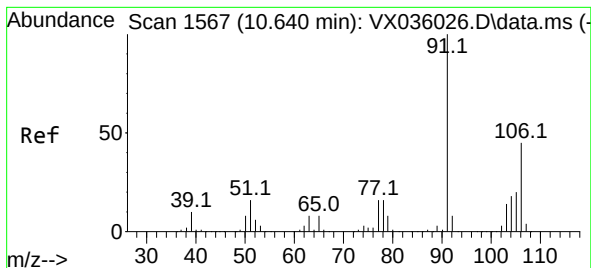
Tgt Ion: 91 Resp: 545267
Ion Ratio Lower Upper
91 100
106 29.7 20.8 38.6



#53
m,p-Xylene
Concen: 49.635 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

Tgt Ion: 106 Resp: 208397
Ion Ratio Lower Upper
106 100
91 208.6 149.8 278.2





#54

o-Xylene

Concen: 50.466 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036048.D

Acq: 06 Jun 2023 21:15

Instrument :

MSVOA_X

ClientSampleId :

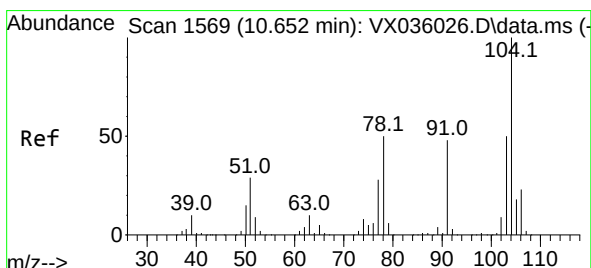
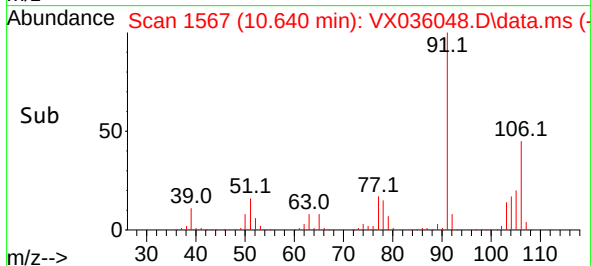
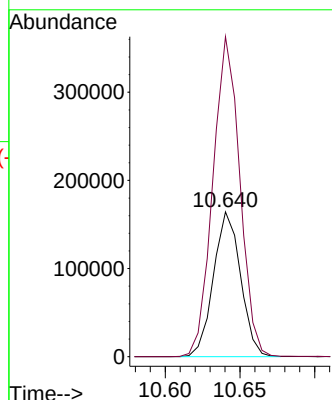
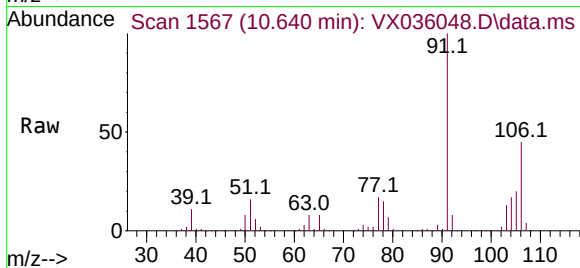
VSTD050689

Tgt Ion:106 Resp: 207105

Ion Ratio Lower Upper

106 100

91 221.1 156.9 291.5



#55

Styrene

Concen: 51.103 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036048.D

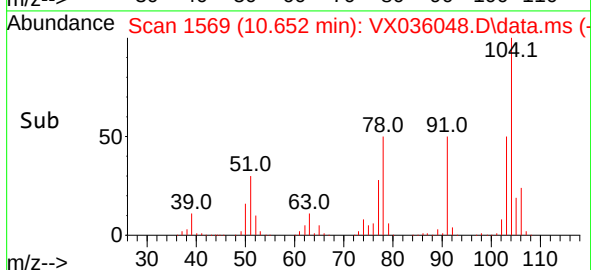
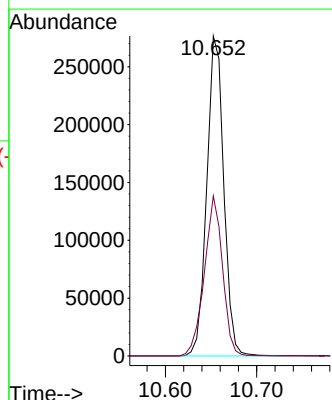
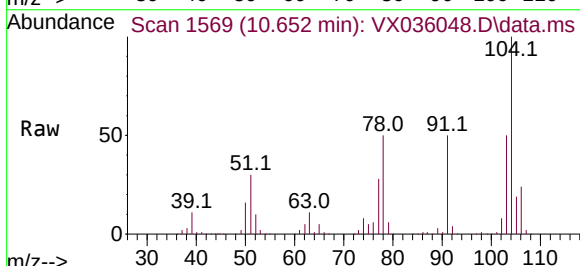
Acq: 06 Jun 2023 21:15

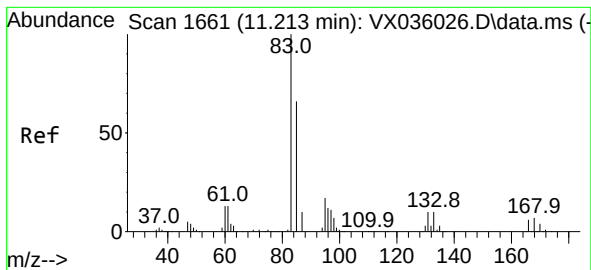
Tgt Ion:104 Resp: 356418

Ion Ratio Lower Upper

104 100

78 50.0 36.1 67.1

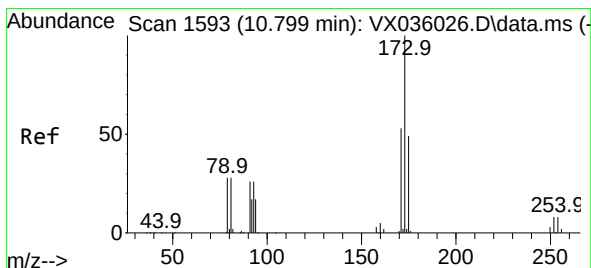
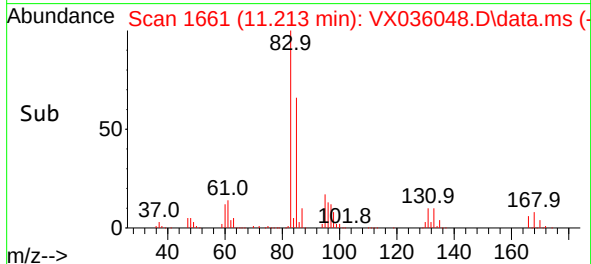
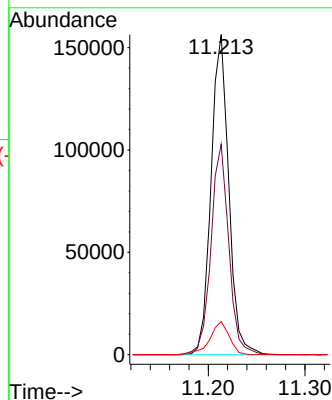
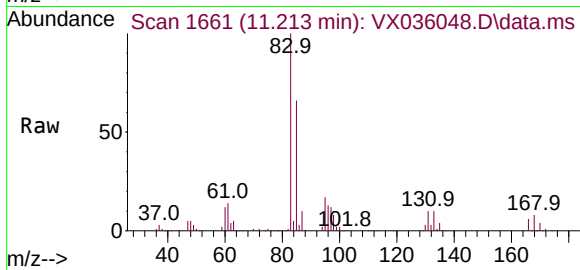




#57
1,1,2,2-Tetrachloroethane
Concen: 53.259 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

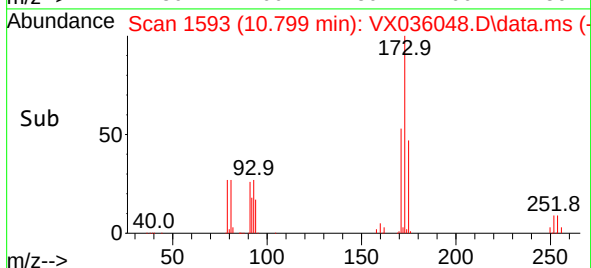
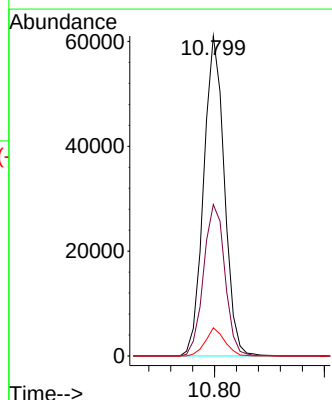
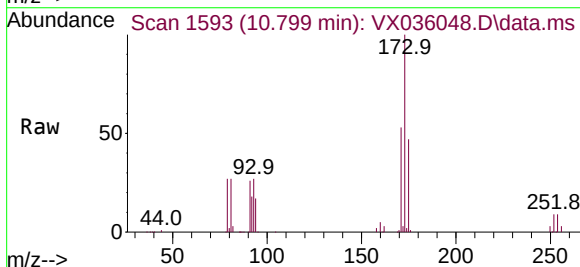
Instrument :
MSVOA_X
ClientSampleId :
VSTD050689

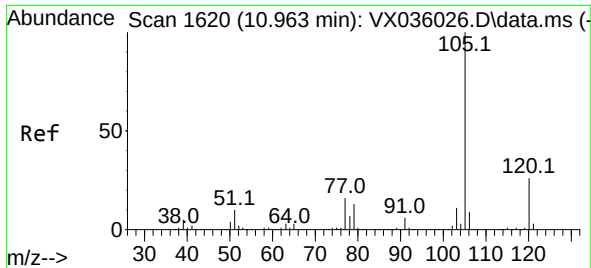
Tgt Ion: 83 Resp: 198734
Ion Ratio Lower Upper
83 100
85 65.7 45.6 84.8
131 10.4 8.1 12.1



#59
Bromoform
Concen: 55.038 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

Tgt Ion: 173 Resp: 79783
Ion Ratio Lower Upper
173 100
175 48.9 38.2 57.2
254 8.2 6.6 10.0

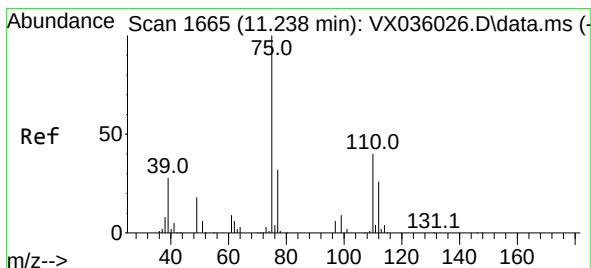
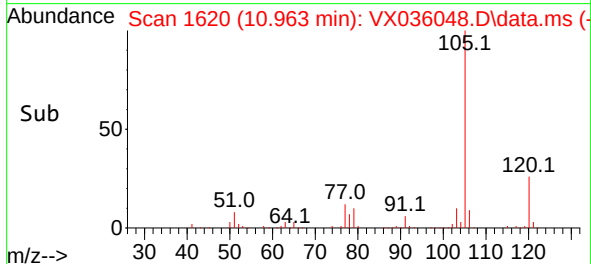
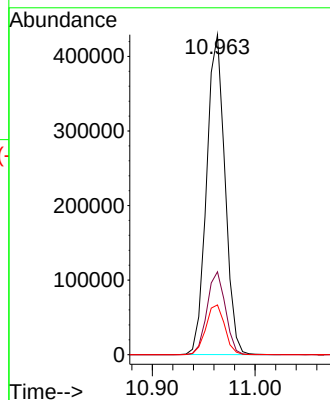
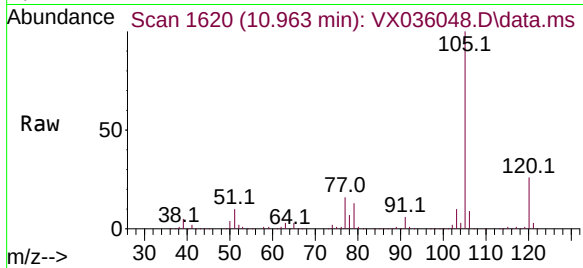




#60
Isopropylbenzene
Concen: 50.265 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

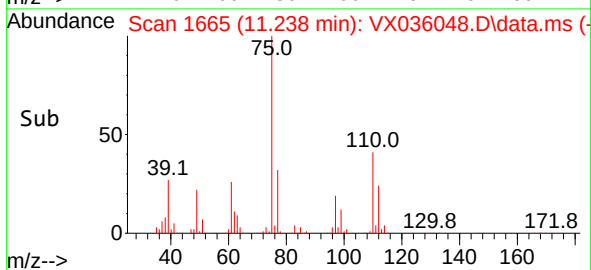
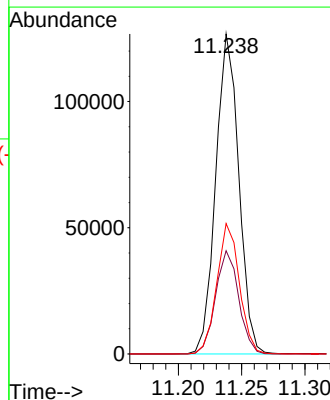
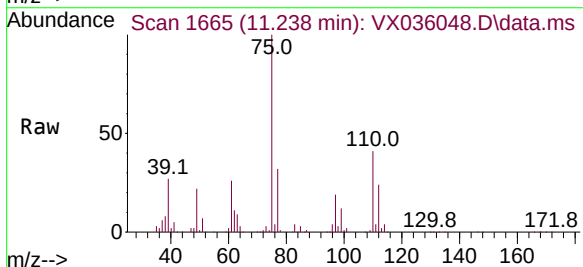
Instrument :
MSVOA_X
ClientSampleId :
VSTD050689

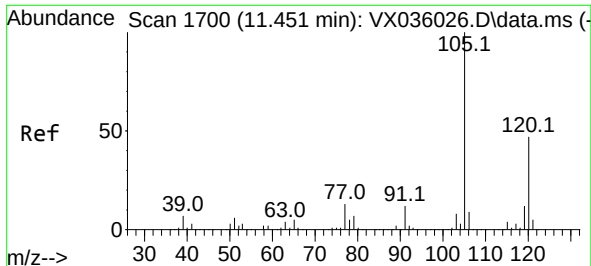
Tgt Ion:105 Resp: 533514
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3
77 16.1 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 54.131 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

Tgt Ion: 75 Resp: 160500
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8
110 39.9 31.8 47.6

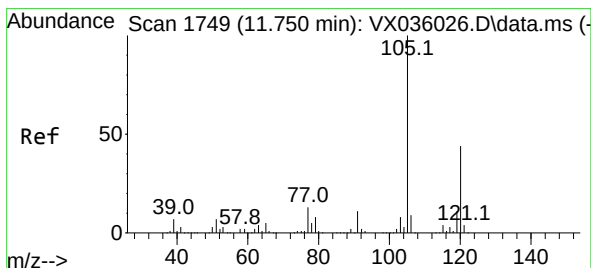
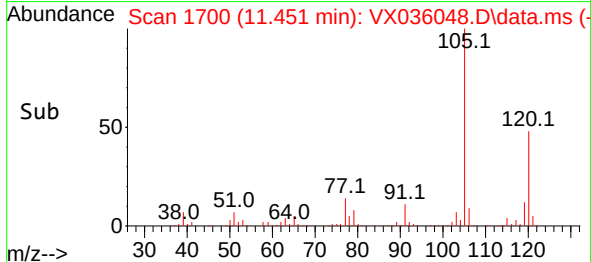
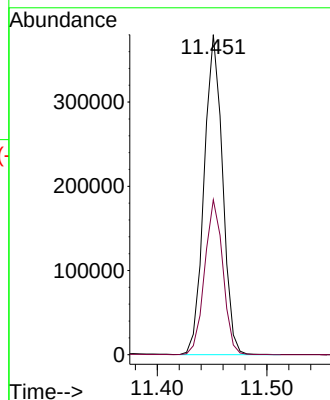
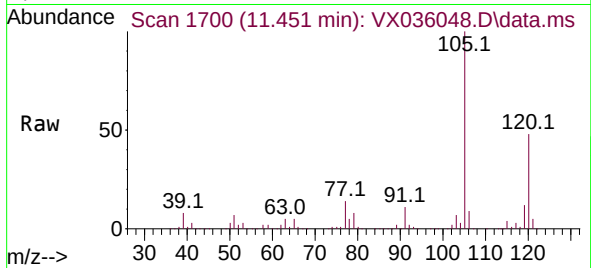




#62
1,3,5-Trimethylbenzene
Concen: 50.261 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

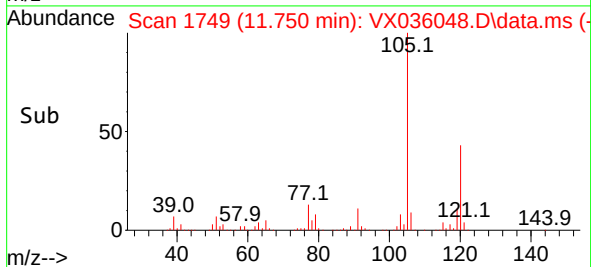
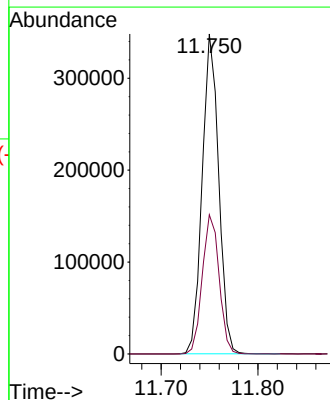
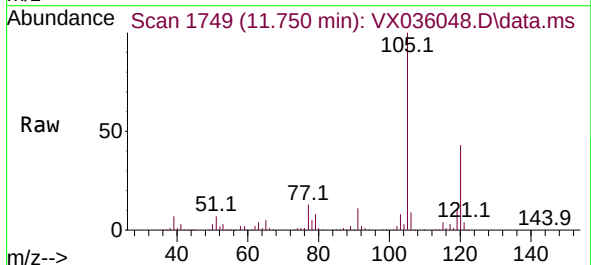
Instrument :
MSVOA_X
ClientSampleId :
VSTD050689

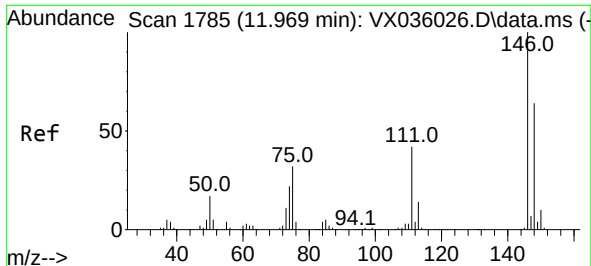
Tgt Ion:105 Resp: 443702
Ion Ratio Lower Upper
105 100
120 47.8 37.0 55.4



#63
1,2,4-Trimethylbenzene
Concen: 50.514 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

Tgt Ion:105 Resp: 412662
Ion Ratio Lower Upper
105 100
120 44.5 35.0 52.6

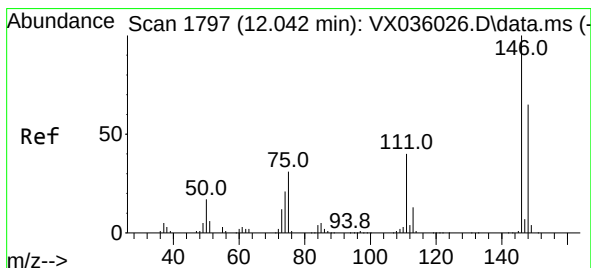
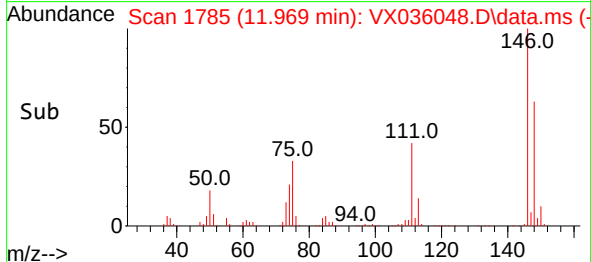
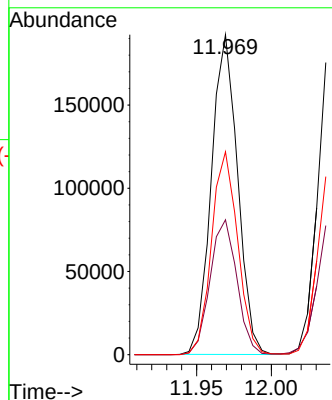
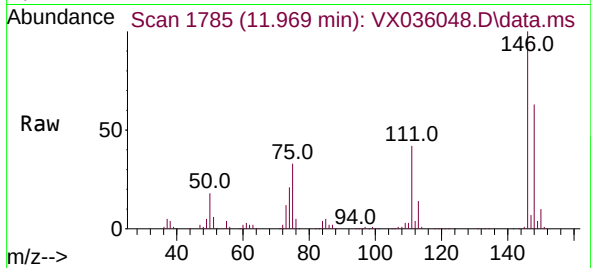




#64
1,3-Dichlorobenzene
Concen: 51.031 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

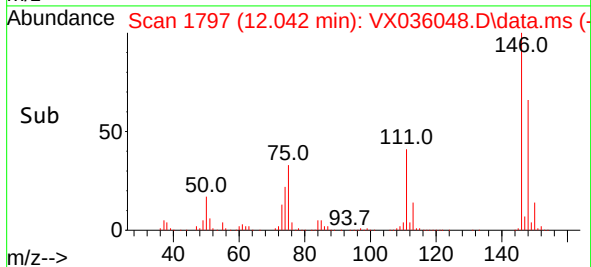
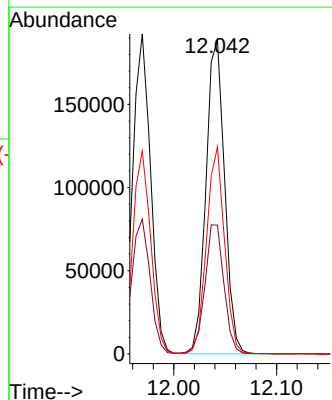
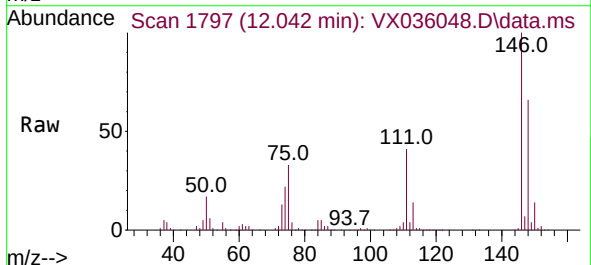
Instrument :
MSVOA_X
ClientSampleId :
VSTD050689

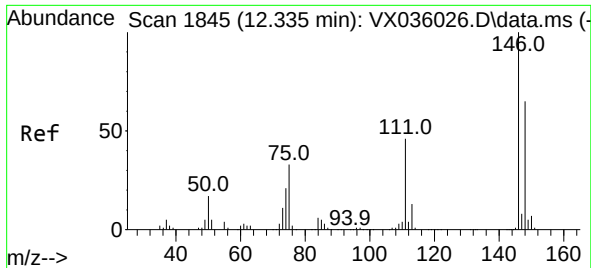
Tgt Ion:146 Resp: 234553
Ion Ratio Lower Upper
146 100
111 42.2 30.9 57.3
148 63.4 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 50.558 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

Tgt Ion:146 Resp: 237699
Ion Ratio Lower Upper
146 100
111 41.0 28.8 53.4
148 65.9 44.5 82.7

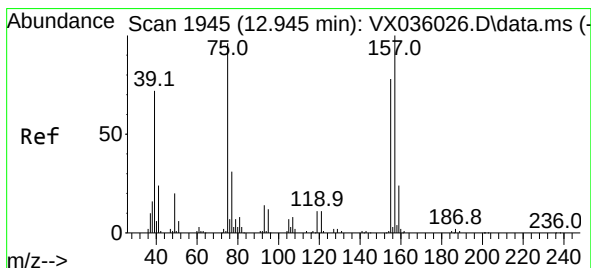
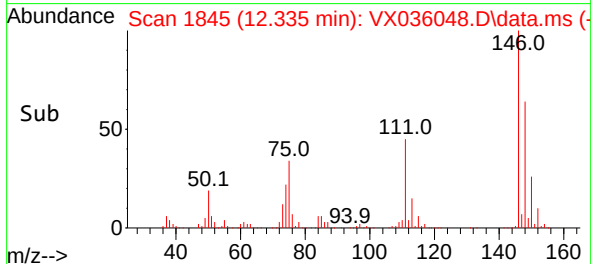
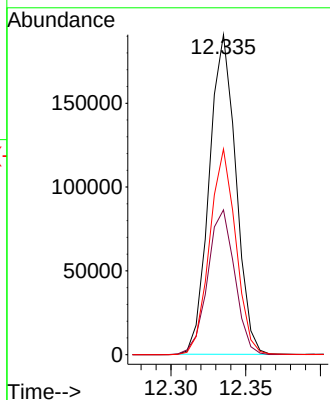
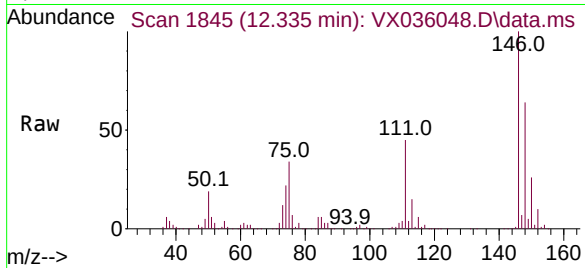




#67
1,2-Dichlorobenzene
Concen: 52.640 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

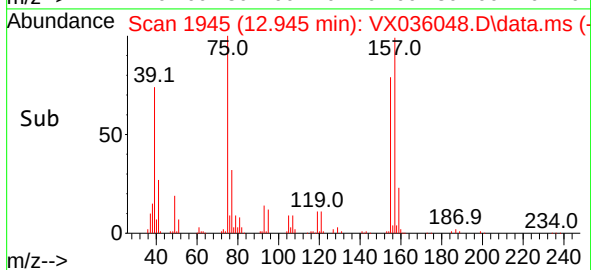
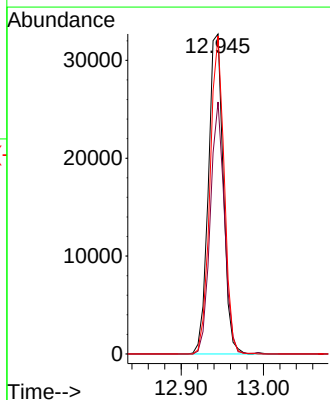
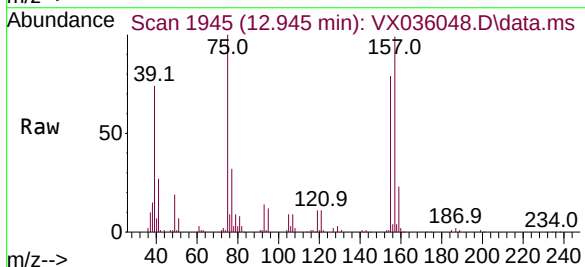
Instrument :
MSVOA_X
ClientSampleId :
VSTD050689

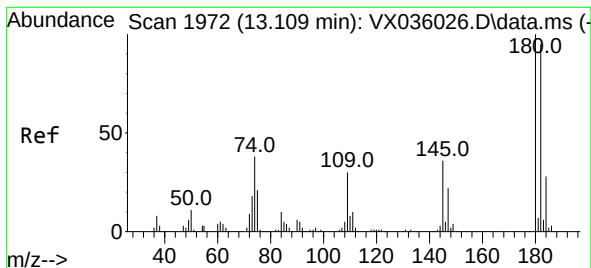
Tgt Ion:146 Resp: 236357
Ion Ratio Lower Upper
146 100
111 45.3 37.0 55.4
148 64.3 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 55.019 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

Tgt Ion: 75 Resp: 41199
Ion Ratio Lower Upper
75 100
155 78.8 57.0 85.6
157 99.4 75.2 112.8

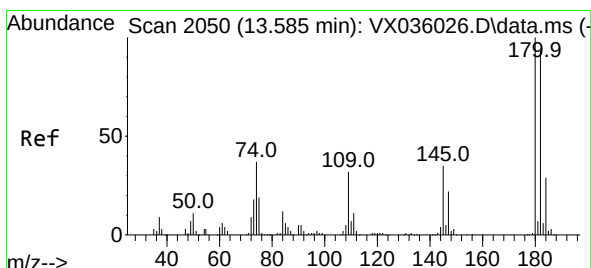
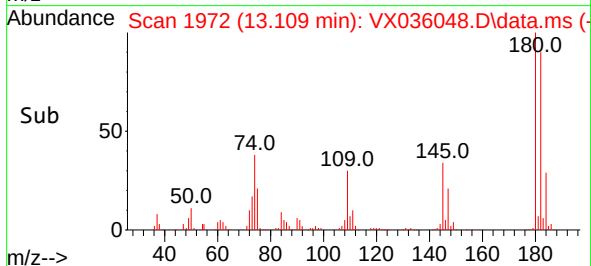
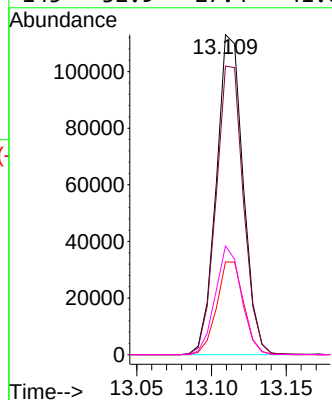
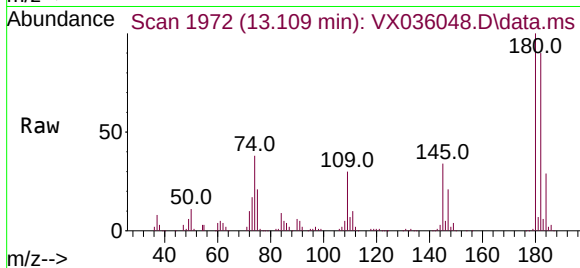




#69
1,3,5-Trichlorobenzene
Concen: 50.180 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

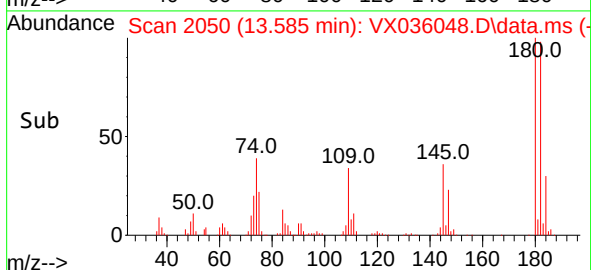
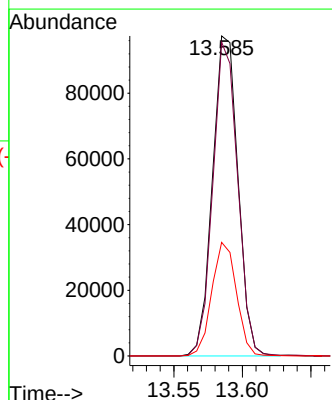
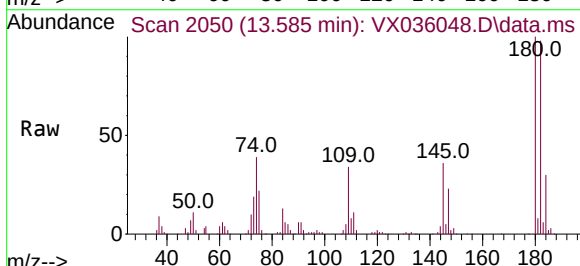
Instrument :
MSVOA_X
ClientSampleId :
VSTD050689

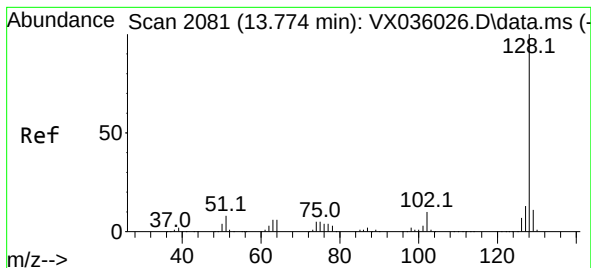
Tgt Ion:180 Resp: 141171
Ion Ratio Lower Upper
180 100
182 91.9 76.0 114.0
184 29.2 23.8 35.8
145 32.9 27.4 41.0



#70
1,2,4-trichlorobenzene
Concen: 48.982 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX036048.D
Acq: 06 Jun 2023 21:15

Tgt Ion:180 Resp: 125875
Ion Ratio Lower Upper
180 100
182 95.6 74.6 112.0
145 34.4 28.6 42.8





#71

Naphthalene

Concen: 53.395 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036048.D

Acq: 06 Jun 2023 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTD050689

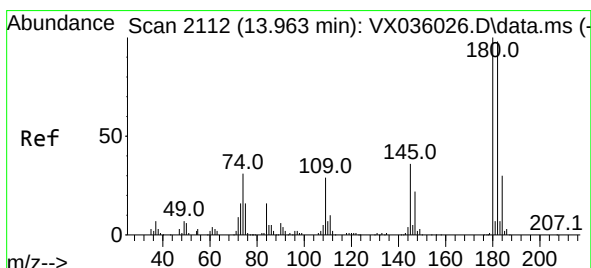
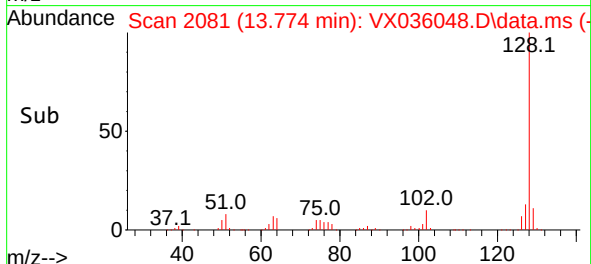
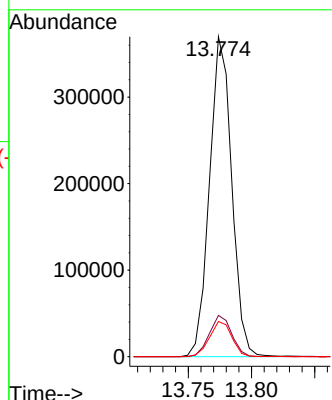
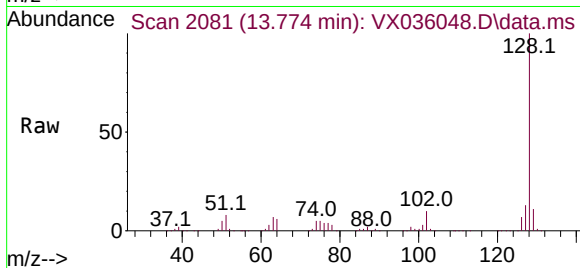
Tgt Ion:128 Resp: 451296

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 49.459 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX036048.D

Acq: 06 Jun 2023 21:15

Tgt Ion:180 Resp: 126385

Ion Ratio Lower Upper

180 100

182 95.5 75.4 113.2

145 36.3 29.4 44.0

