

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060923\
 Data File : VX036095.D
 Acq On : 09 Jun 2023 08:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050692

Quant Time: Jun 10 00:04:51 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	320935	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	299611	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	151747	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	95642	43.863	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.720%
7) Chloroethane-d5	1.673	69	80266	47.998	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.307	65	51054	46.180	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.360%
21) 2-Butanone-d5	4.465	46	175337	98.103	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.100%
24) Chloroform-d	5.050	84	223350	49.122	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.240%
26) 1,2-Dichloroethane-d4	5.952	65	169791	51.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.360%
32) Benzene-d6	5.971	84	424104	47.055	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.100%
36) 1,2-Dichloropropane-d6	7.306	67	136002	48.547	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.100%
41) Toluene-d8	8.647	98	390119	47.028	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.060%
43) trans-1,3-Dichloroprop...	8.946	79	65927	49.025	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.060%
47) 2-Hexanone-d5	9.385	63	123864	99.294	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.290%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	187210	48.924	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.840%
66) 1,2-Dichlorobenzene-d4	12.317	152	140242	47.601	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	136801	44.758	ug/L	99
3) Chloromethane	1.295	50	125050	43.423	ug/L	98
5) Vinyl chloride	1.374	62	120273	45.058	ug/L	100
6) Bromomethane	1.618	94	72361	46.531	ug/L	99
8) Chloroethane	1.691	64	75621	47.760	ug/L	96
9) Trichlorofluoromethane	1.886	101	177740	47.339	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	114076	46.551	ug/L	99
12) 1,1-Dichloroethene	2.319	96	98315	46.100	ug/L	97
13) Acetone	2.404	43	156636	82.948	ug/L	99
14) Carbon disulfide	2.514	76	263459	45.016	ug/L	100
15) Methyl Acetate	2.709	43	133511	45.697	ug/L	99
16) Methylene chloride	2.788	84	114614	46.803	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	104727	45.835	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	394024	48.468	ug/L	99
19) 1,1-Dichloroethane	3.605	63	216804	47.594	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	122944	46.896	ug/L	97
22) 2-Butanone	4.568	43	194776	86.359	ug/L	99
23) Bromochloromethane	4.891	128	60744	46.683	ug/L	98
25) Chloroform	5.087	83	249162	50.282	ug/L	98

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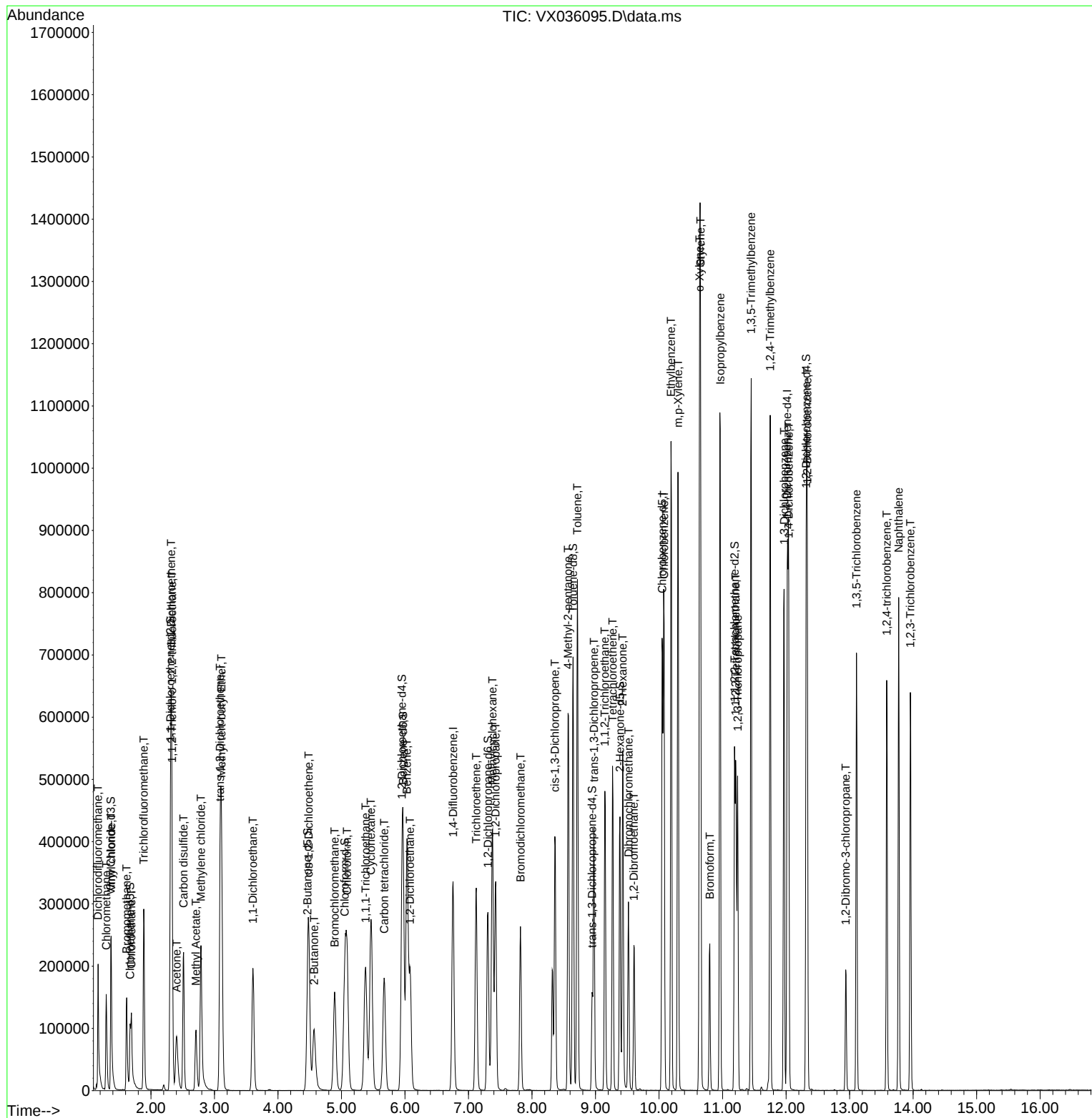
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	210921	49.887	ug/L	99
29) Cyclohexane	5.465	56	185845	44.659	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	195837	47.166	ug/L	99
31) Carbon tetrachloride	5.672	117	160587	46.573	ug/L	100
33) Benzene	6.031	78	468379	46.923	ug/L	100
34) Trichloroethene	7.123	95	124151	46.180	ug/L	98
35) Methylcyclohexane	7.379	83	177006	44.851	ug/L	98
37) 1,2-Dichloropropane	7.428	63	125579	47.935	ug/L	100
38) Bromodichloromethane	7.818	83	165660	49.049	ug/L	96
39) cis-1,3-Dichloropropene	8.360	75	205404	50.182	ug/L	98
40) 4-Methyl-2-pentanone	8.568	43	372866	94.503	ug/L	99
42) Toluene	8.714	91	494355	47.618	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	190943	49.818	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	122160	47.645	ug/L	99
46) Tetrachloroethene	9.269	164	87608	46.600	ug/L	99
48) 2-Hexanone	9.427	43	287924	92.482	ug/L	99
49) Dibromochloromethane	9.519	129	119214	49.005	ug/L	100
50) 1,2-Dibromoethane	9.604	107	127837	47.186	ug/L #	97
51) Chlorobenzene	10.080	112	315321	46.165	ug/L	98
52) Ethylbenzene	10.189	91	568562	47.551	ug/L	99
53) m,p-Xylene	10.299	106	213413	47.064	ug/L	100
54) o-Xylene	10.640	106	206271	46.539	ug/L	100
55) Styrene	10.653	104	360594	47.871	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.207	83	187133	46.435	ug/L	99
59) Bromoform	10.799	173	76716	48.354	ug/L	99
60) Isopropylbenzene	10.964	105	560715	48.268	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	152932	47.126	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	467665	48.402	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	435681	48.728	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	237263	47.165	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	240070	46.655	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	232681	47.348	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	39265	47.910	ug/L	91
69) 1,3,5-Trichlorobenzene	13.109	180	148235	48.143	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	131242	46.662	ug/L	98
71) Naphthalene	13.774	128	439797	47.543	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	133252	47.645	ug/L	100

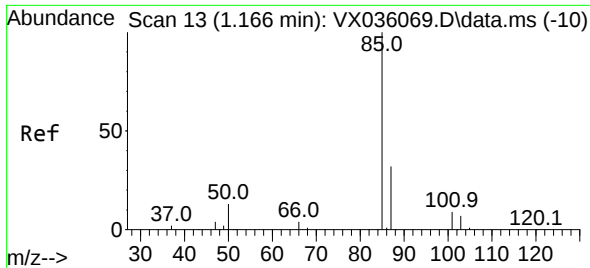
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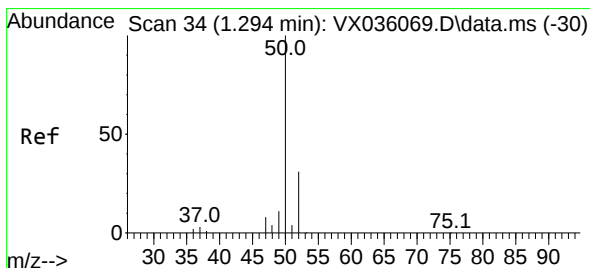
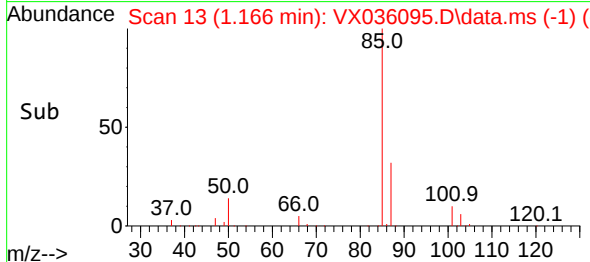
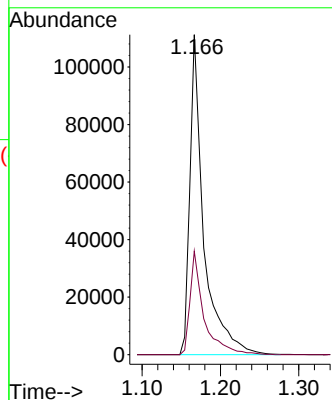
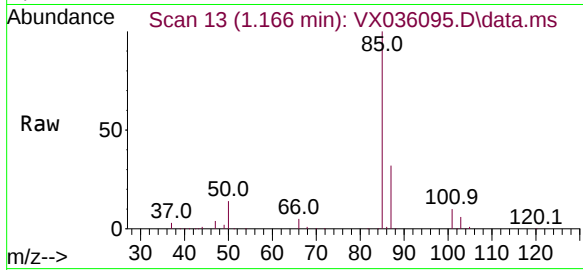




#2
 Dichlorodifluoromethane
 Concen: 44.758 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036095.D
 Acq: 09 Jun 2023 08:43

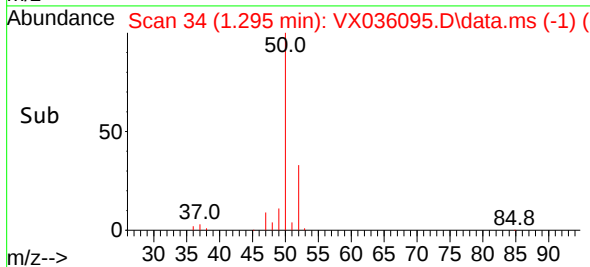
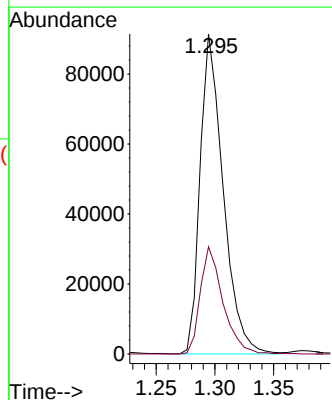
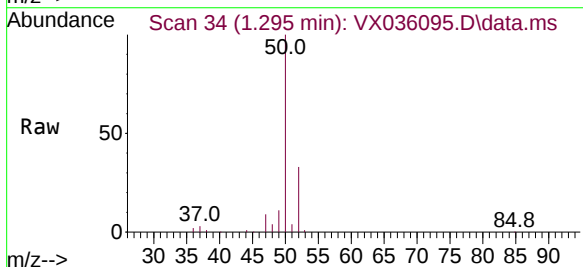
Instrument :
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 ClientSampleId :
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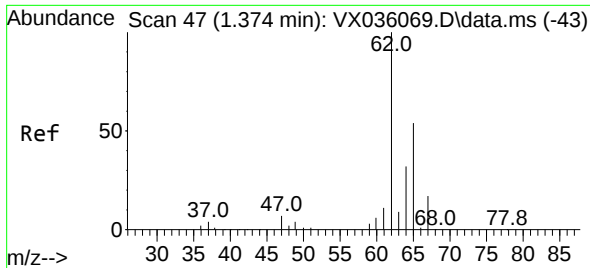
Tgt Ion: 85 Resp: 136801
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.4 39.6



#3
 Chloromethane
 Concen: 43.423 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX036095.D
 Acq: 09 Jun 2023 08:43

Tgt Ion: 50 Resp: 125050
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.5 41.9

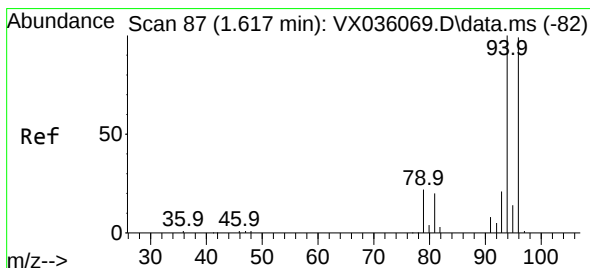
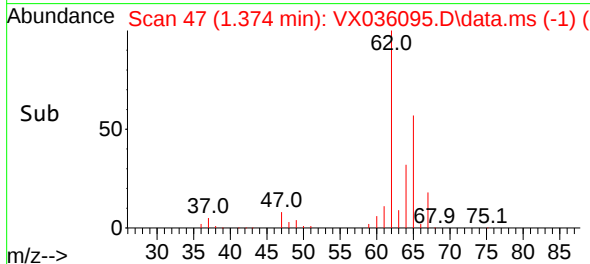
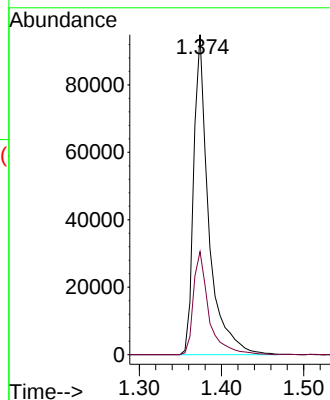
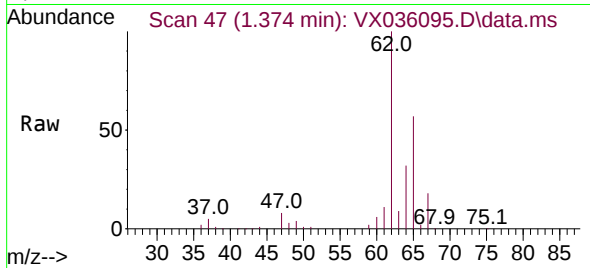




#5
 Vinyl chloride
 Concen: 45.058 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036095.D
 Acq: 09 Jun 2023 08:43

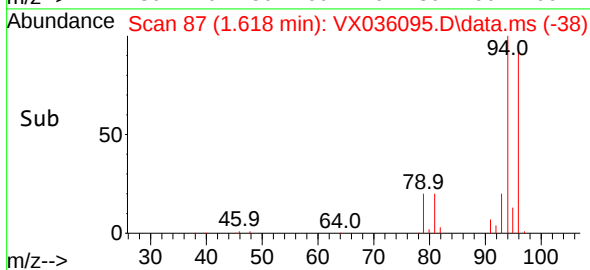
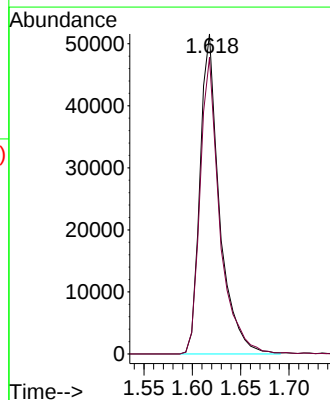
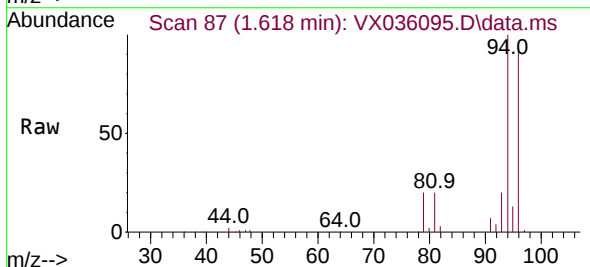
Instrument :
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 ClientSampleId :
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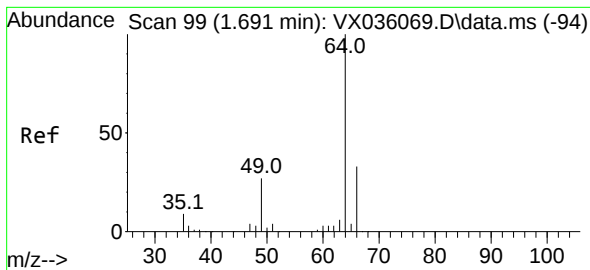
Tgt Ion: 62 Resp: 120273
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.7 42.1



#6
 Bromomethane
 Concen: 46.531 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX036095.D
 Acq: 09 Jun 2023 08:43

Tgt Ion: 94 Resp: 72361
 Ion Ratio Lower Upper
 94 100
 96 92.6 65.8 122.2

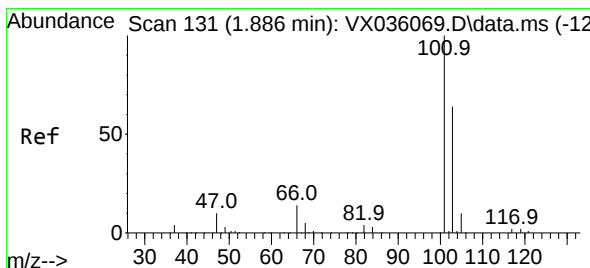
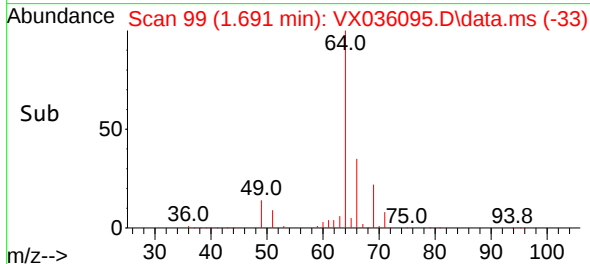
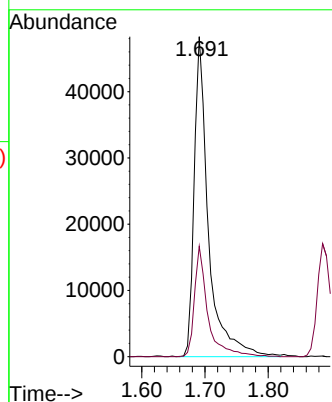
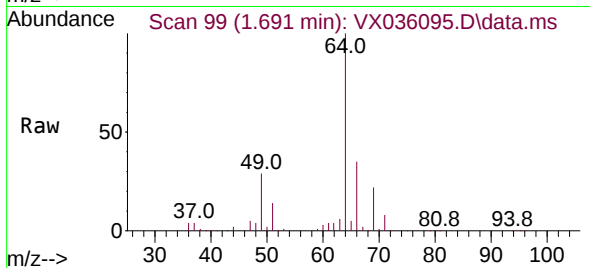




#8
Chloroethane
Concen: 47.760 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

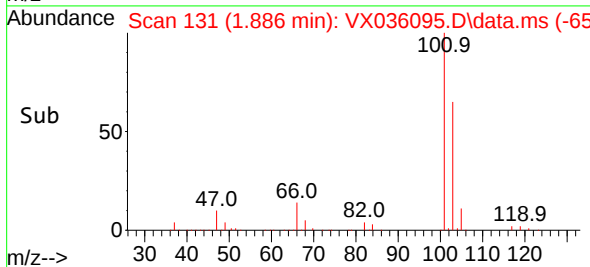
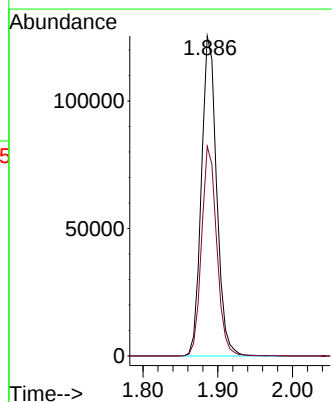
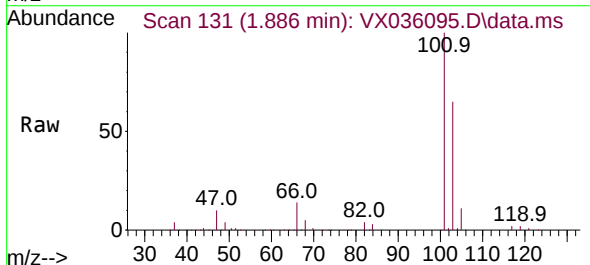
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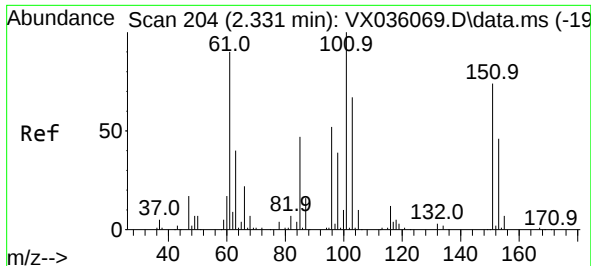
Tgt Ion: 64 Resp: 75621
Ion Ratio Lower Upper
64 100
66 34.5 22.5 41.7



#9
Trichlorofluoromethane
Concen: 47.339 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

Tgt Ion: 101 Resp: 177740
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0

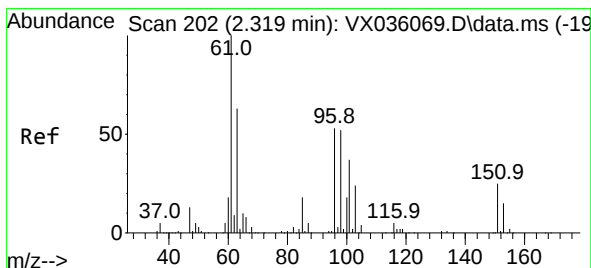
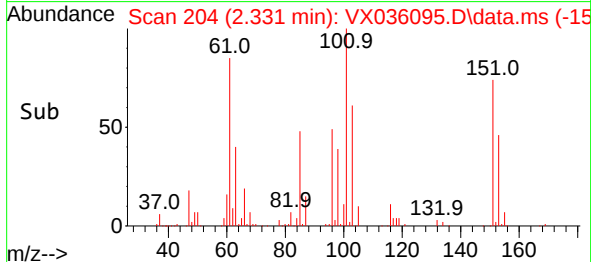
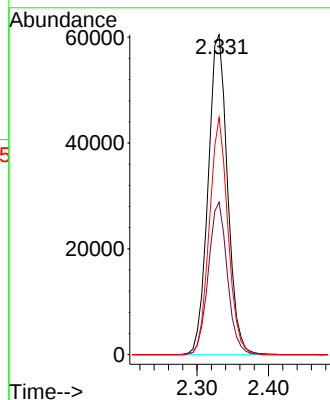
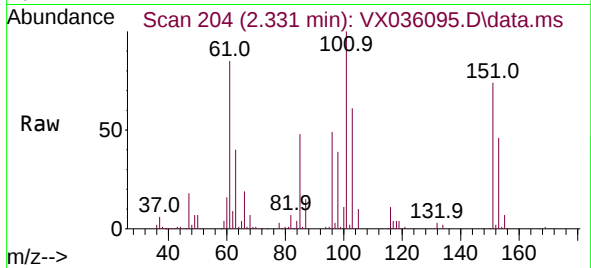




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.551 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX036095.D
 Acq: 09 Jun 2023 08:43

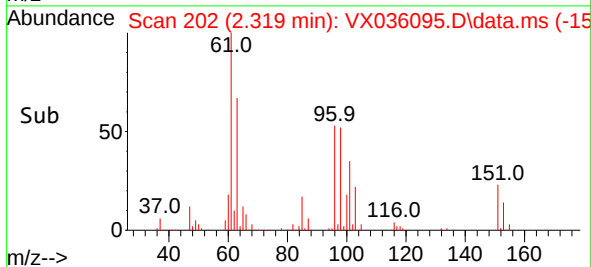
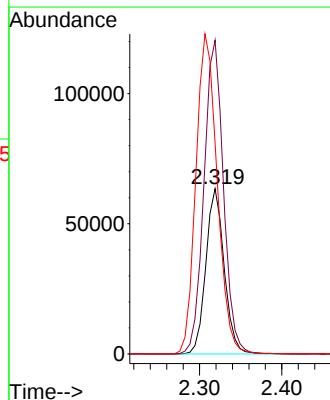
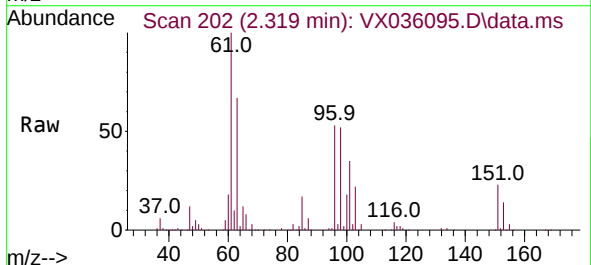
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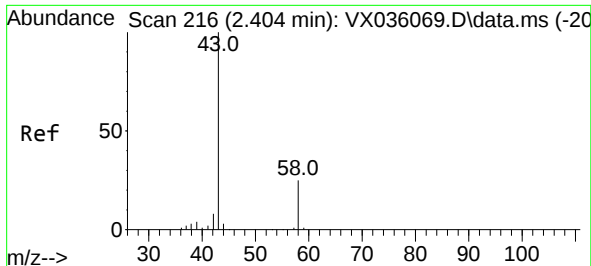
Tgt Ion:101 Resp: 114076
 Ion Ratio Lower Upper
 101 100
 85 46.7 36.6 55.0
 151 70.9 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 46.100 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX036095.D
 Acq: 09 Jun 2023 08:43

Tgt Ion: 96 Resp: 98315
 Ion Ratio Lower Upper
 96 100
 61 189.8 132.5 246.1
 63 127.6 95.1 176.7





#13

Acetone

Concen: 82.948 ug/L

RT: 2.404 min Scan# 216

Delta R.T. -0.006 min

Lab File: VX036095.D

Acq: 09 Jun 2023 08:43

Instrument :

MSVOA_X

ClientSampleId :

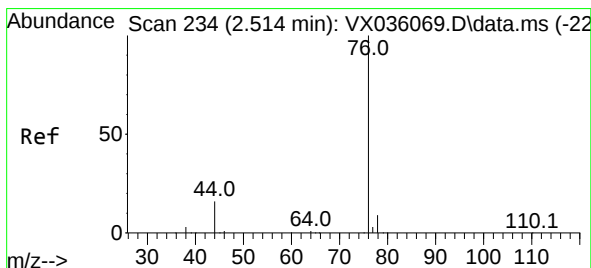
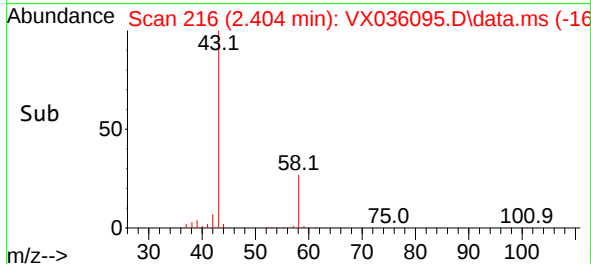
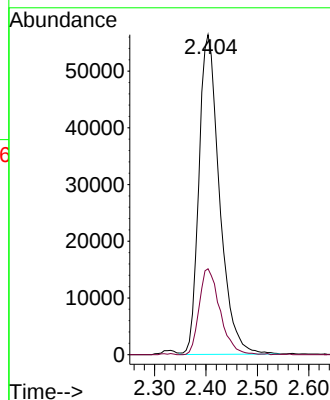
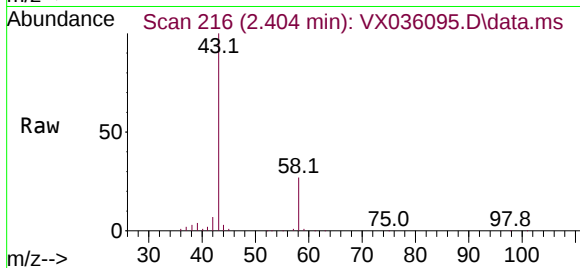
VSTD050692

Tgt Ion: 43 Resp: 156636

Ion Ratio Lower Upper

43 100

58 27.1 0.0 55.4



#14

Carbon disulfide

Concen: 45.016 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

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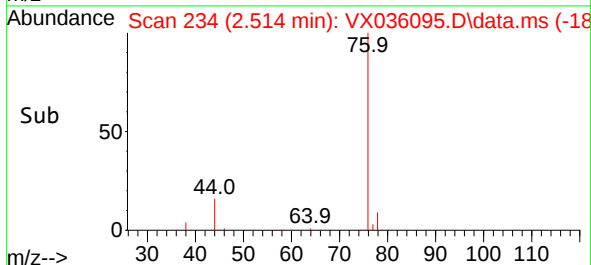
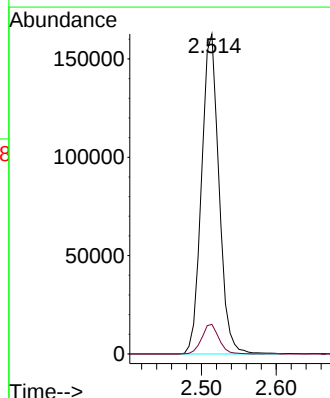
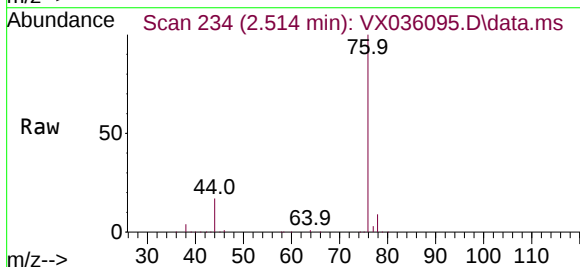
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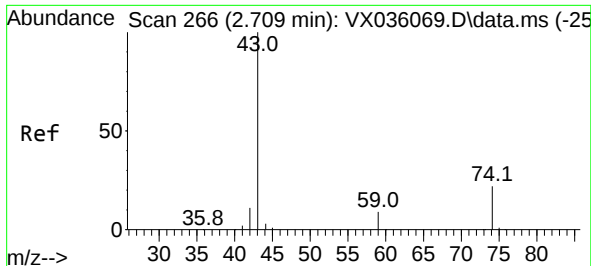
Tgt Ion: 76 Resp: 263459

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

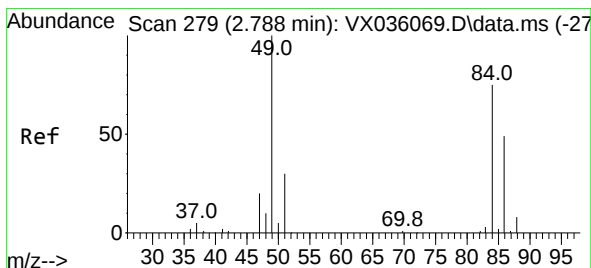
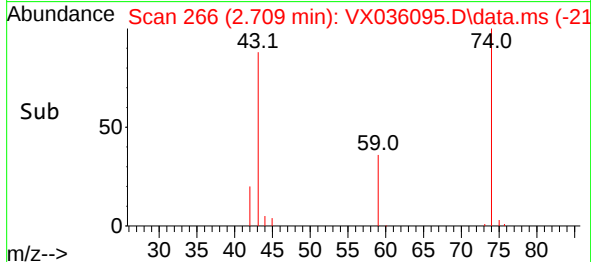
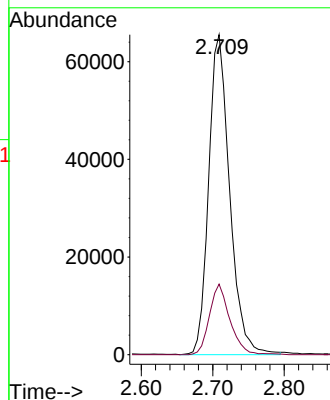
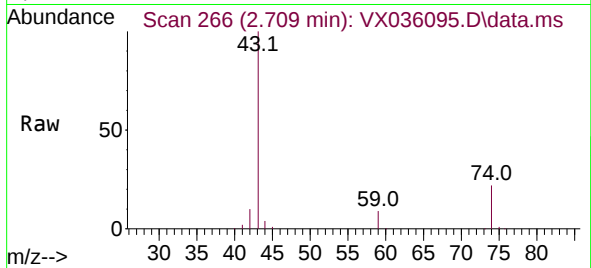




#15
Methyl Acetate
Concen: 45.697 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

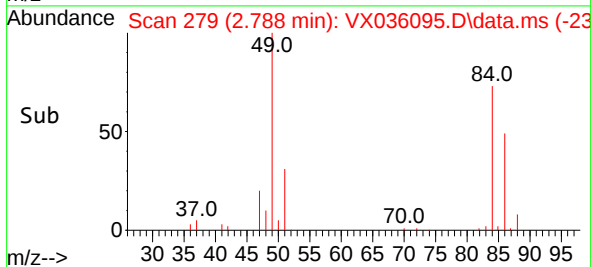
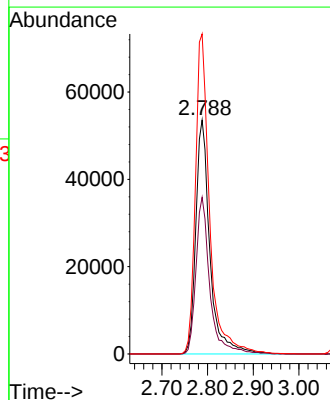
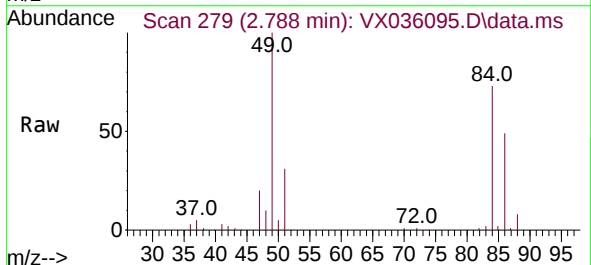
Instrument :
MSVOA_X
ClientSampleId :
VSTD050692

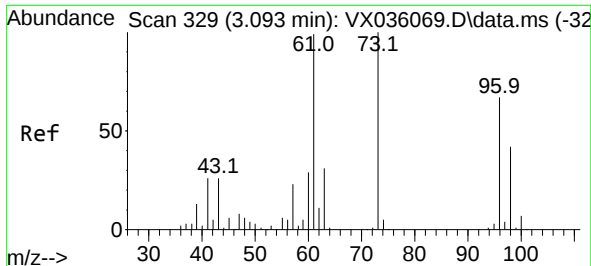
Tgt Ion: 43 Resp: 133511
Ion Ratio Lower Upper
43 100
74 21.3 17.4 26.2



#16
Methylene chloride
Concen: 46.803 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

Tgt Ion: 84 Resp: 114614
Ion Ratio Lower Upper
84 100
86 66.9 46.5 86.5
49 136.8 95.1 176.5

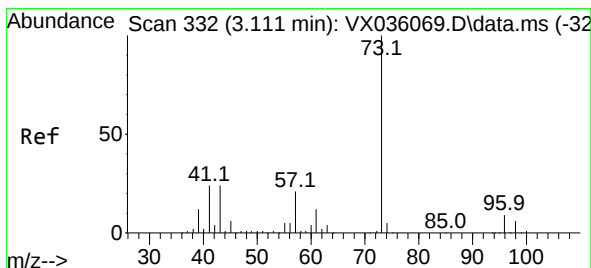
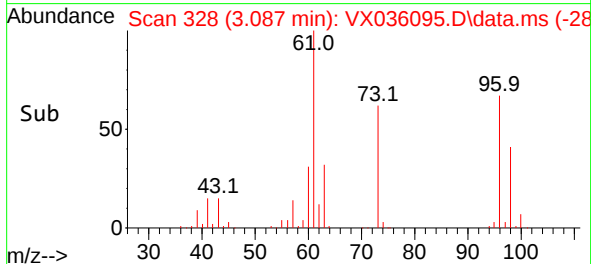
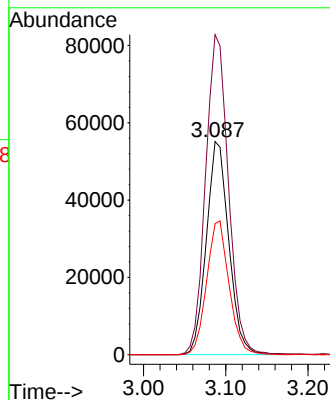
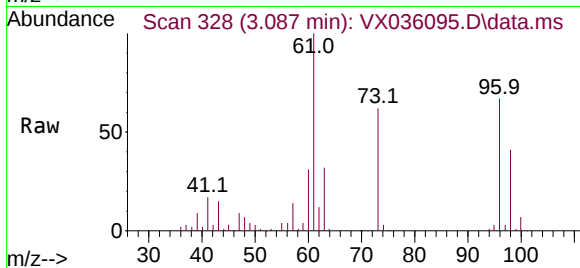




#17
trans-1,2-Dichloroethene
Concen: 45.835 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

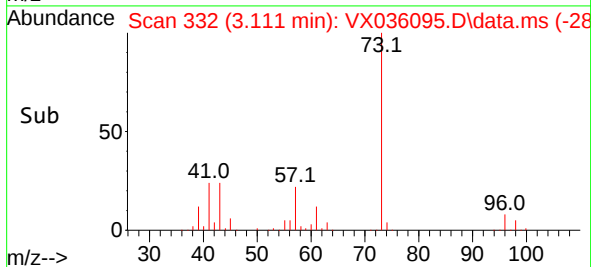
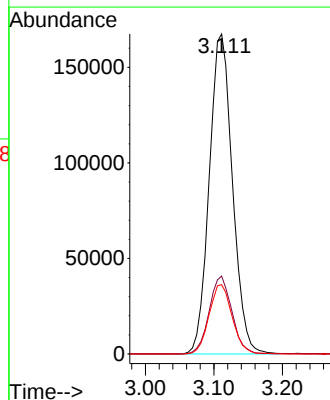
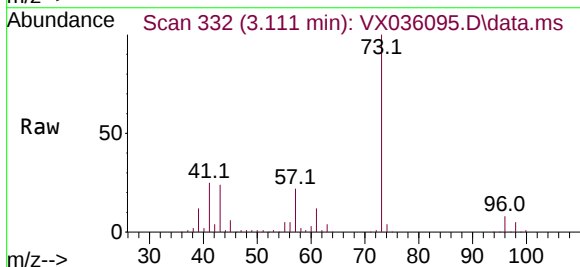
Instrument :
MSVOA_X
ClientSampleId :
VSTD050692

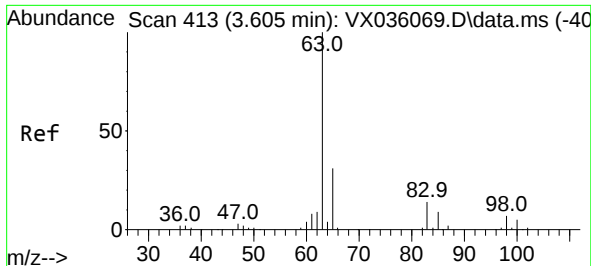
Tgt Ion: 96 Resp: 104727
Ion Ratio Lower Upper
96 100
61 150.2 100.7 187.1
98 61.5 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 48.468 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

Tgt Ion: 73 Resp: 394024
Ion Ratio Lower Upper
73 100
43 23.7 19.4 29.0
57 21.5 17.5 26.3





#19

1,1-Dichloroethane

Concen: 47.594 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX036095.D

Acq: 09 Jun 2023 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTD050692

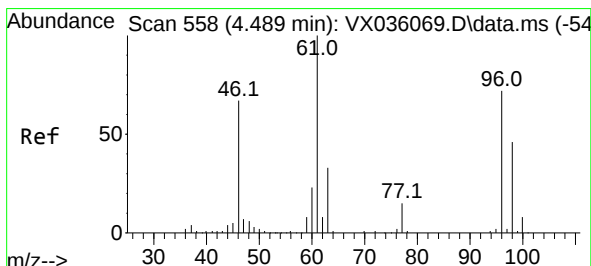
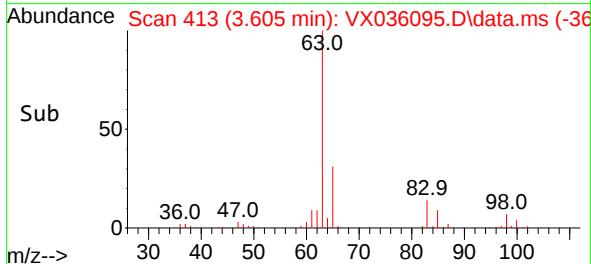
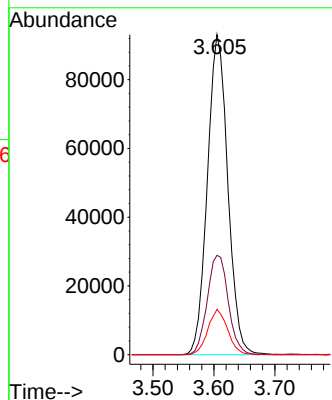
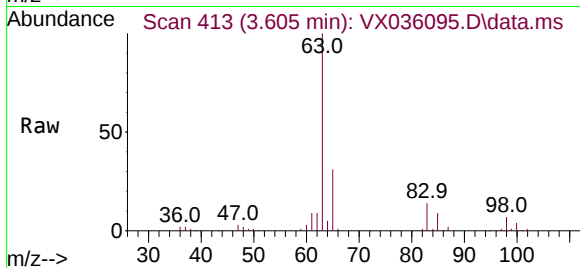
Tgt Ion: 63 Resp: 216804

Ion Ratio Lower Upper

63 100

65 31.0 22.6 42.0

83 14.2 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 46.896 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX036095.D

Acq: 09 Jun 2023 08:43

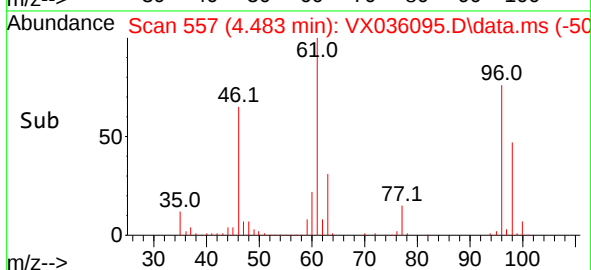
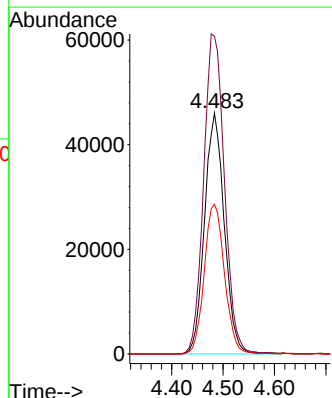
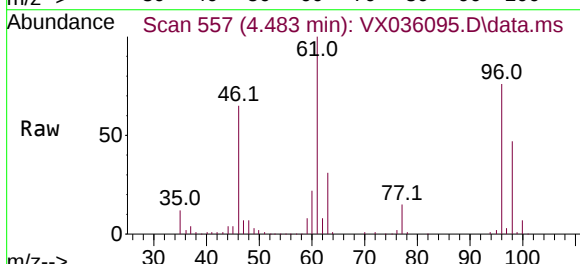
Tgt Ion: 96 Resp: 122944

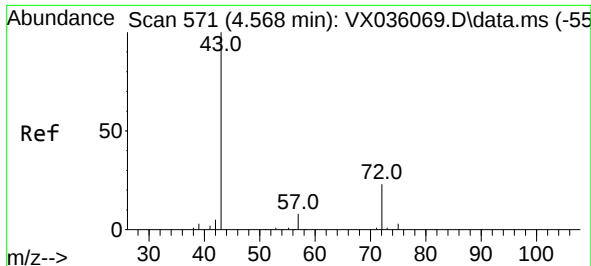
Ion Ratio Lower Upper

96 100

61 131.9 94.7 175.9

98 62.2 45.4 84.4

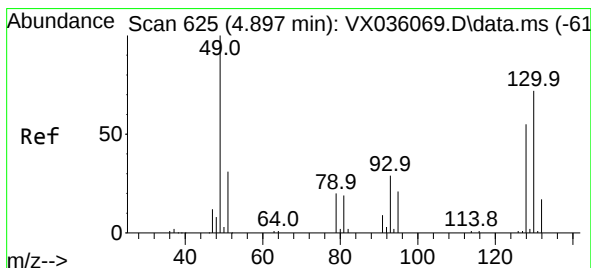
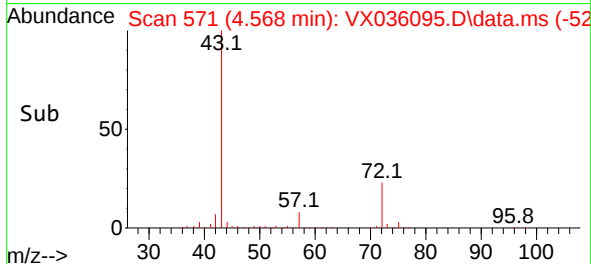
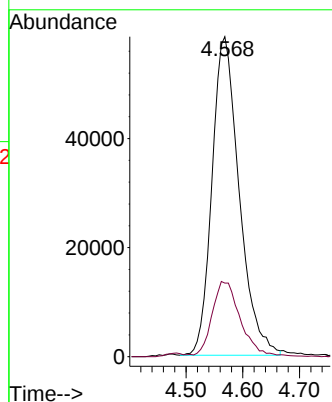
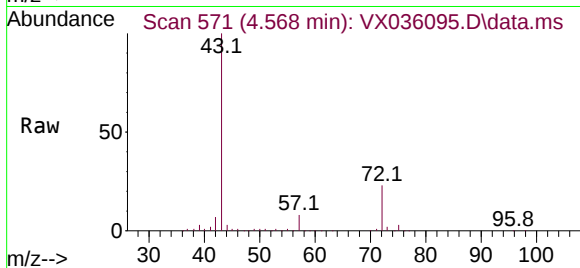




#22
2-Butanone
Concen: 86.359 ug/L
RT: 4.568 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

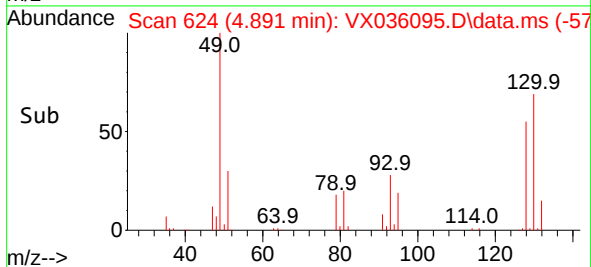
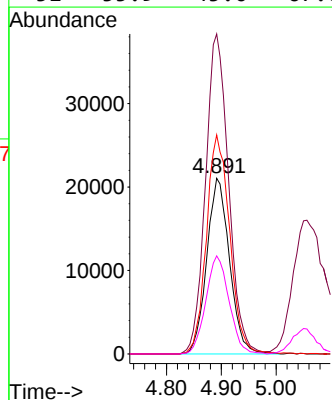
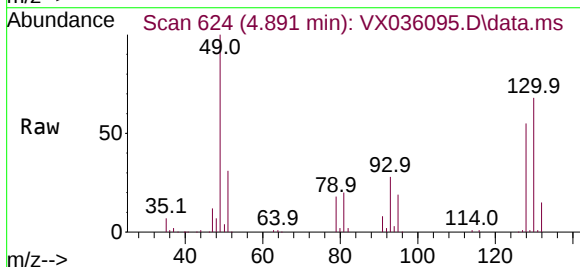
Instrument :
MSVOA_X
ClientSampleId :
VSTD050692

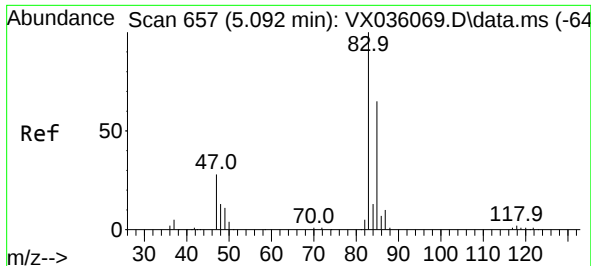
Tgt Ion: 43 Resp: 194776
Ion Ratio Lower Upper
43 100
72 23.4 12.0 36.1



#23
Bromochloromethane
Concen: 46.683 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

Tgt Ion:128 Resp: 60744
Ion Ratio Lower Upper
128 100
49 182.2 123.9 230.1
130 124.7 88.3 164.1
51 55.9 45.0 67.6

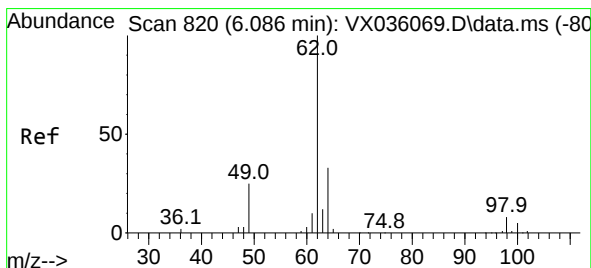
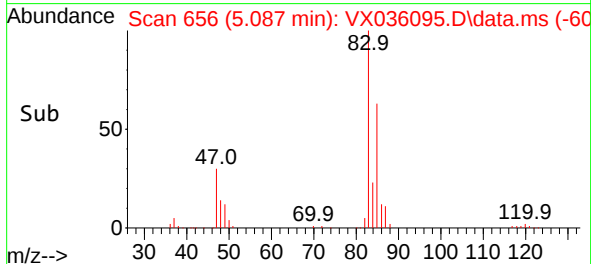
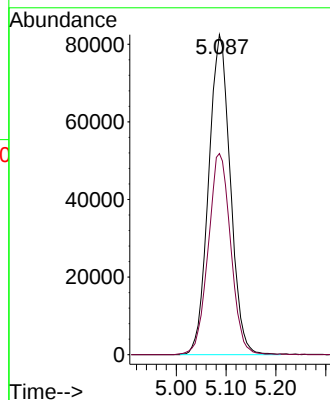
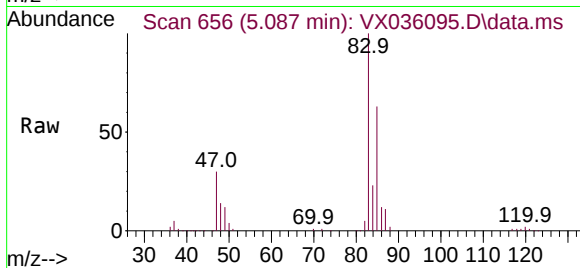




#25
Chloroform
Concen: 50.282 ug/L
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

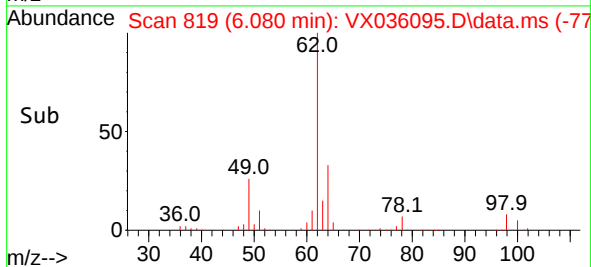
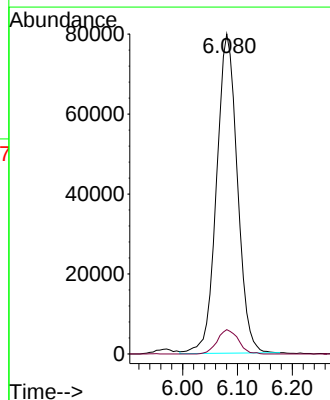
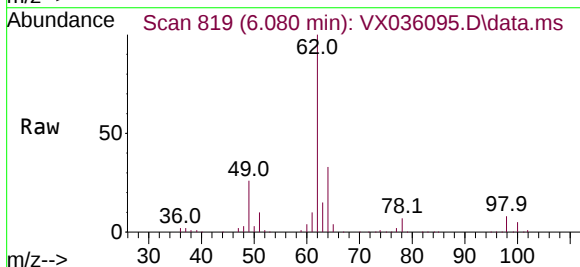
Instrument :
MSVOA_X
ClientSampleId :
VSTD050692

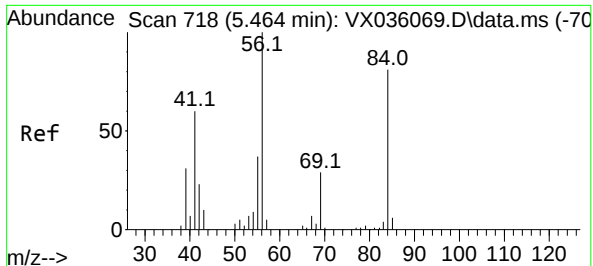
Tgt Ion: 83 Resp: 249162
Ion Ratio Lower Upper
83 100
85 62.9 45.0 83.6



#27
1,2-Dichloroethane
Concen: 49.887 ug/L
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

Tgt Ion: 62 Resp: 210921
Ion Ratio Lower Upper
62 100
98 7.6 6.4 9.6





#29

Cyclohexane

Concen: 44.659 ug/L

RT: 5.465 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX036095.D

Acq: 09 Jun 2023 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTD050692

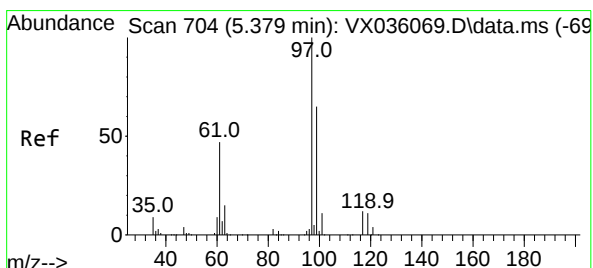
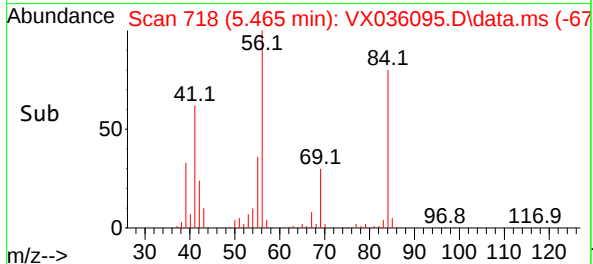
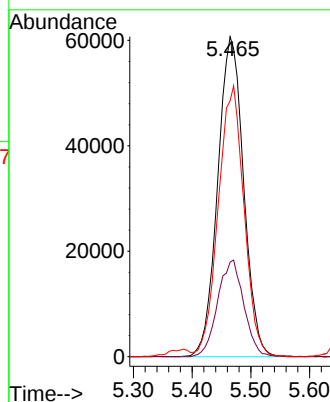
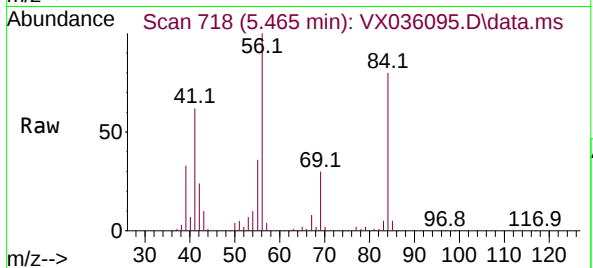
Tgt Ion: 56 Resp: 185845

Ion Ratio Lower Upper

56 100

69 30.4 24.3 36.5

84 84.2 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 47.166 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX036095.D

Acq: 09 Jun 2023 08:43

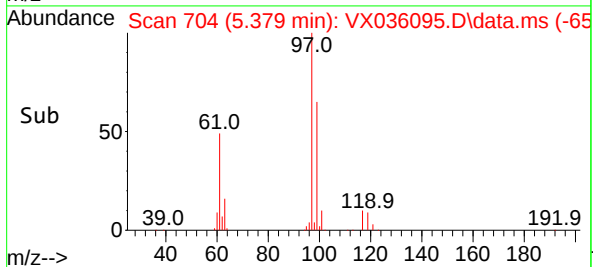
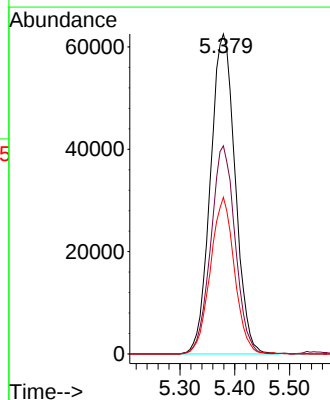
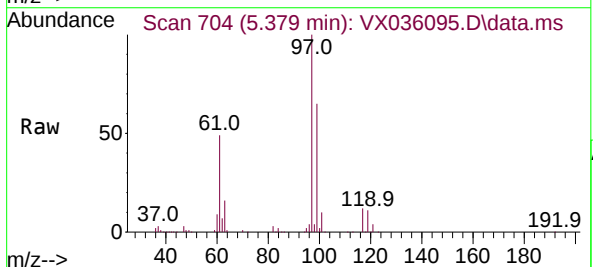
Tgt Ion: 97 Resp: 195837

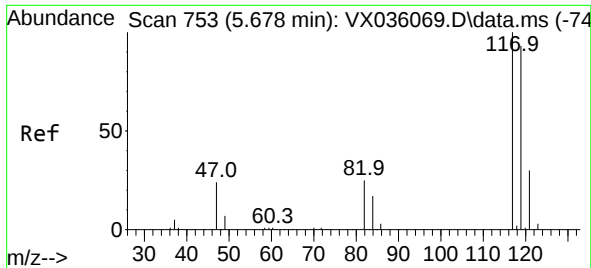
Ion Ratio Lower Upper

97 100

99 64.0 51.9 77.9

61 47.5 38.0 57.0

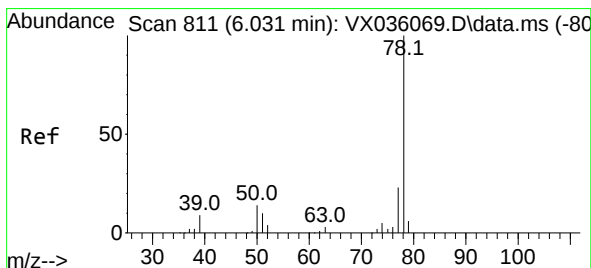
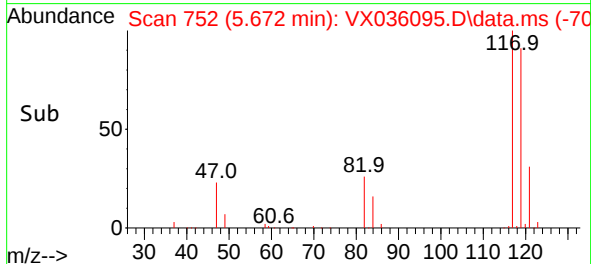
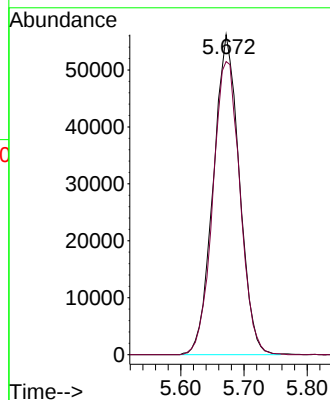
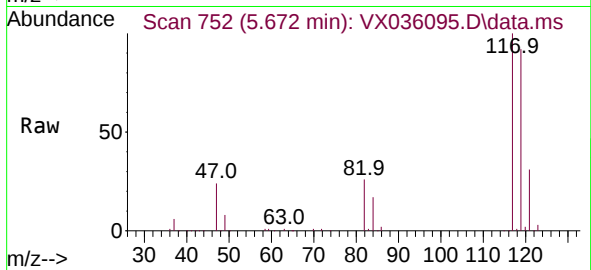




#31
Carbon tetrachloride
Concen: 46.573 ug/L
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

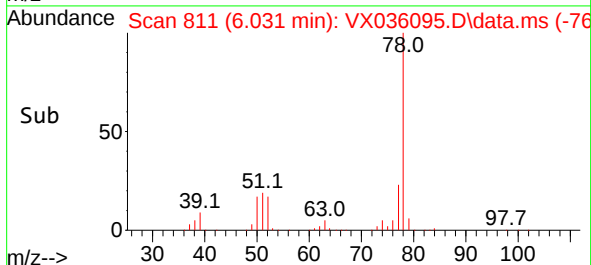
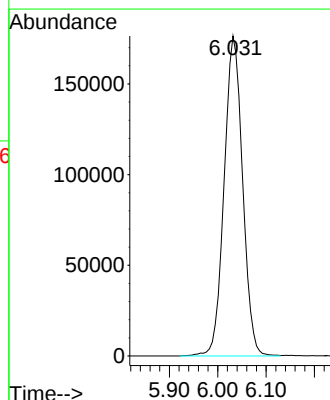
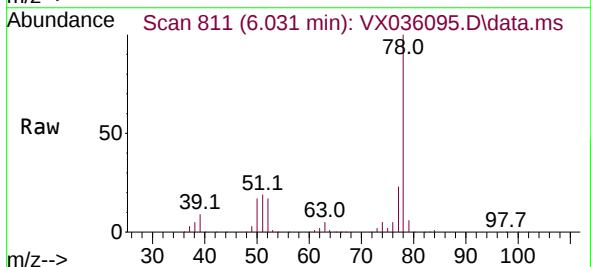
Instrument :
MSVOA_X
ClientSampleId :
VSTD050692

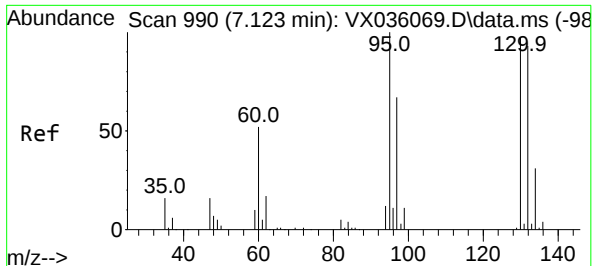
Tgt Ion:117 Resp: 160587
Ion Ratio Lower Upper
117 100
119 95.7 76.9 115.3



#33
Benzene
Concen: 46.923 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

Tgt Ion: 78 Resp: 468379

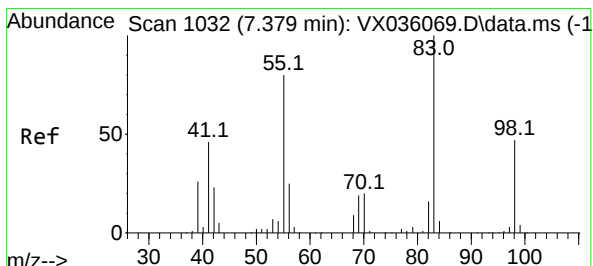
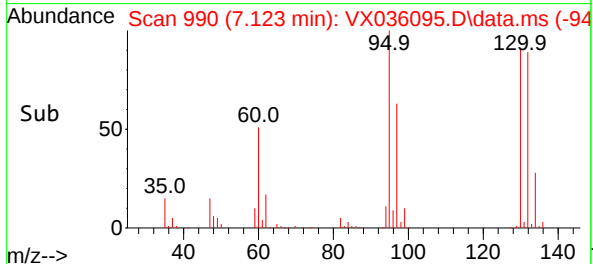
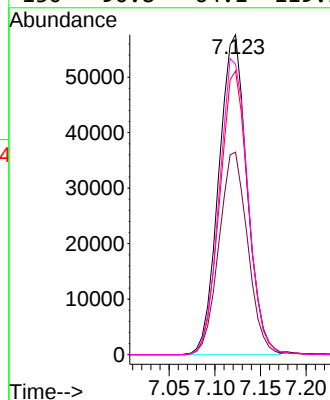
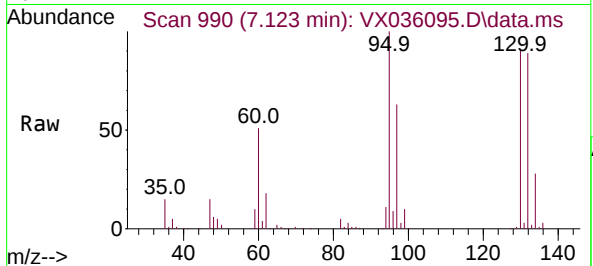




#34
Trichloroethene
Concen: 46.180 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

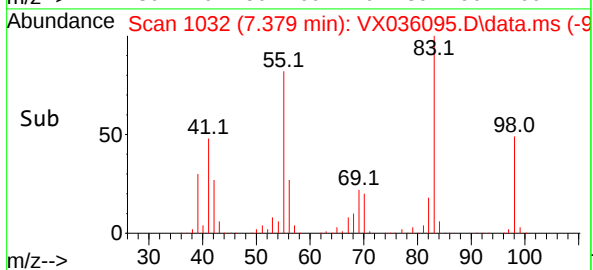
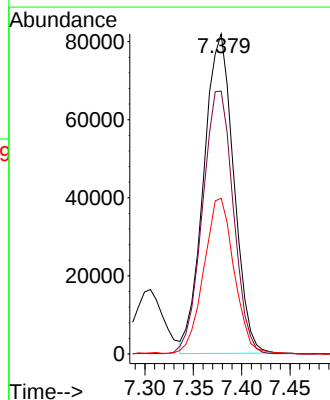
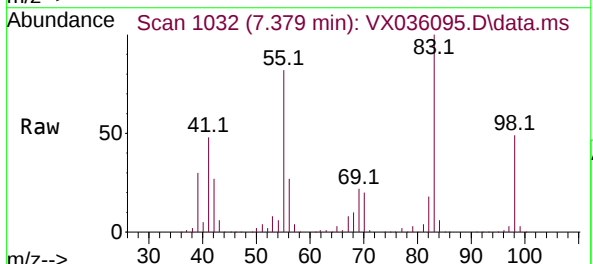
Instrument :
MSVOA_X
ClientSampleId :
VSTD050692

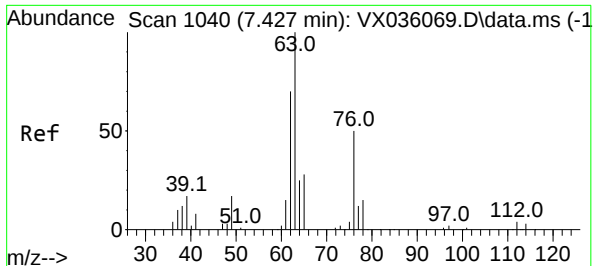
Tgt Ion: 95 Resp: 124151
Ion Ratio Lower Upper
95 100
97 63.3 43.6 81.0
132 88.6 59.9 111.3
130 90.8 64.1 119.1



#35
Methylcyclohexane
Concen: 44.851 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

Tgt Ion: 83 Resp: 177006
Ion Ratio Lower Upper
83 100
55 84.6 65.4 98.2
98 49.3 39.0 58.6





#37

1,2-Dichloropropane

Concen: 47.935 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX036095.D

Acq: 09 Jun 2023 08:43

Instrument :

MSVOA_X

ClientSampleId :

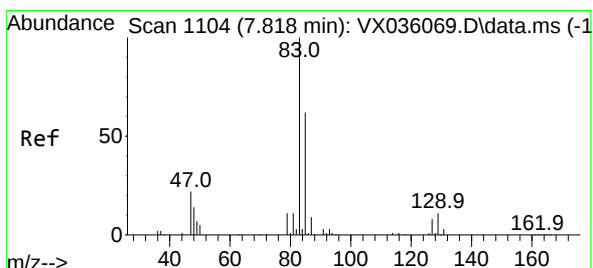
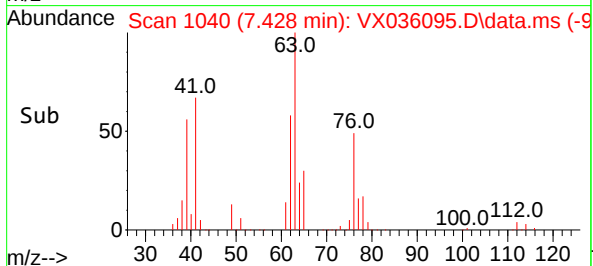
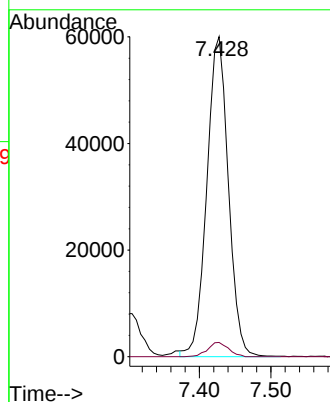
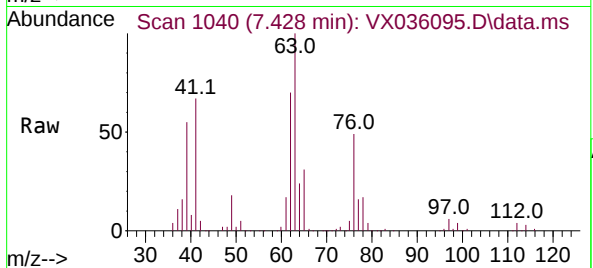
VSTD050692

Tgt Ion: 63 Resp: 125579

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 49.049 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX036095.D

Acq: 09 Jun 2023 08:43

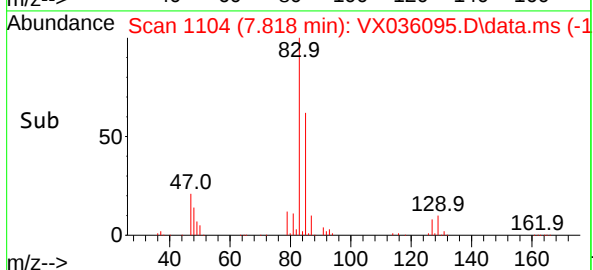
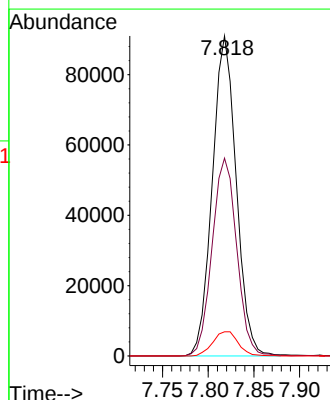
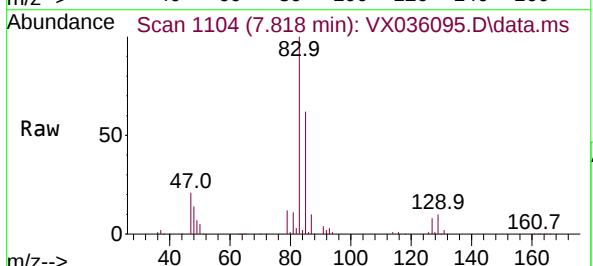
Tgt Ion: 83 Resp: 165660

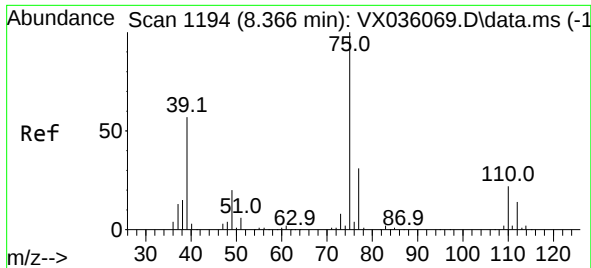
Ion Ratio Lower Upper

83 100

85 61.8 45.3 84.1

127 7.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 50.182 ug/L

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX036095.D

Acq: 09 Jun 2023 08:43

Instrument :

MSVOA_X

ClientSampleId :

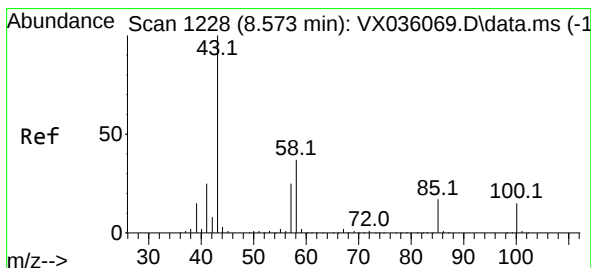
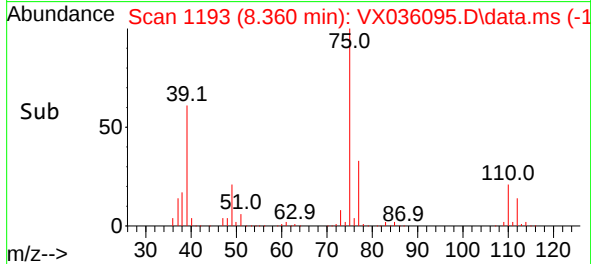
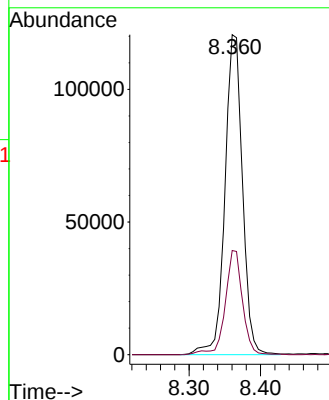
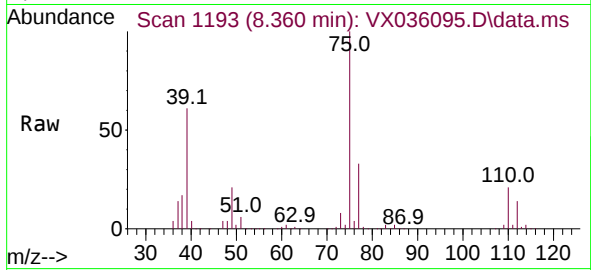
VSTD050692

Tgt Ion: 75 Resp: 205404

Ion Ratio Lower Upper

75 100

77 32.6 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 94.503 ug/L

RT: 8.568 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX036095.D

Acq: 09 Jun 2023 08:43

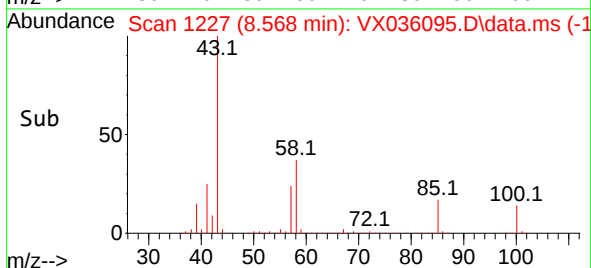
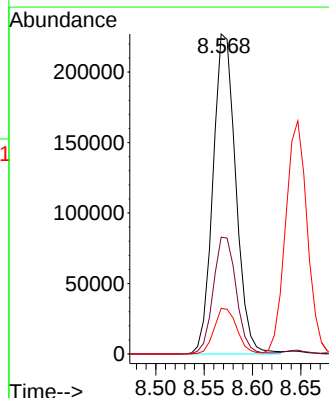
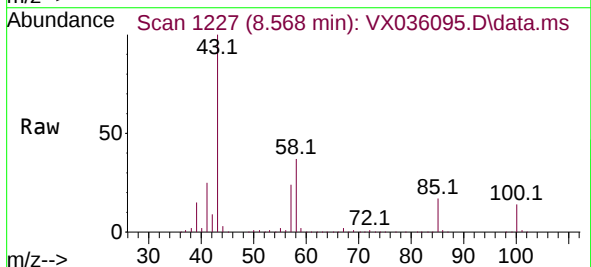
Tgt Ion: 43 Resp: 372866

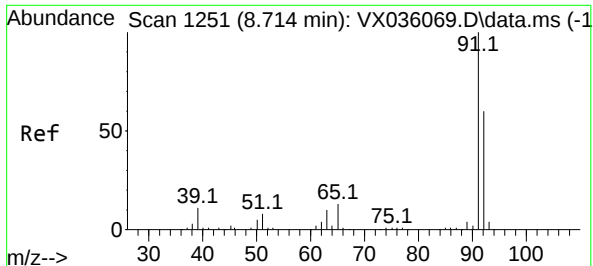
Ion Ratio Lower Upper

43 100

58 36.6 29.4 44.2

100 14.3 11.8 17.6





#42

Toluene

Concen: 47.618 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX036095.D

Acq: 09 Jun 2023 08:43

Instrument :

MSVOA_X

ClientSampleId :

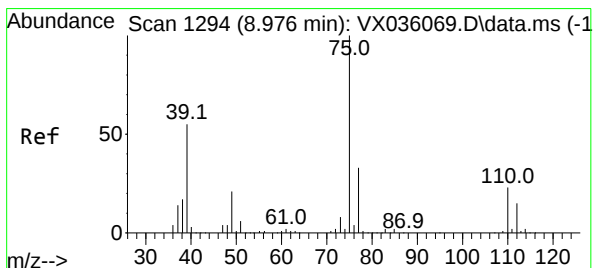
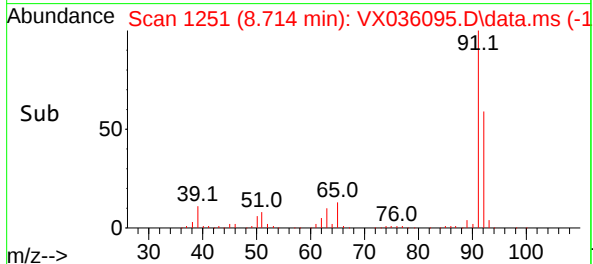
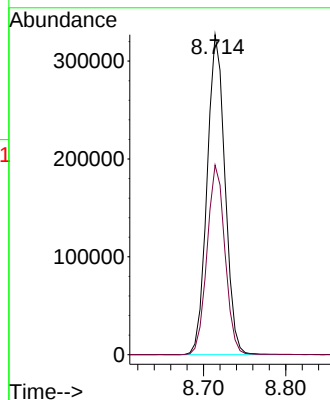
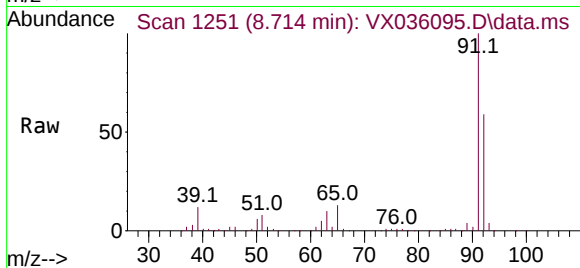
VSTD050692

Tgt Ion: 91 Resp: 494355

Ion Ratio Lower Upper

91 100

92 59.3 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 49.818 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX036095.D

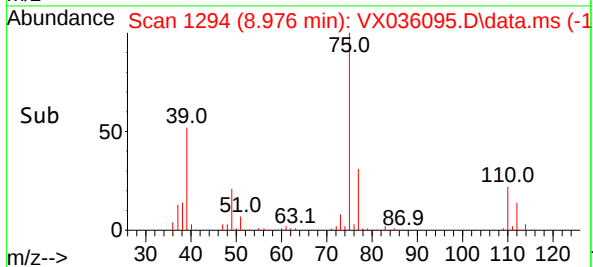
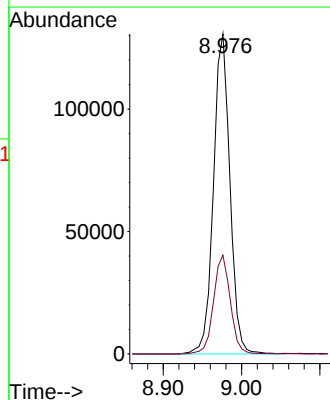
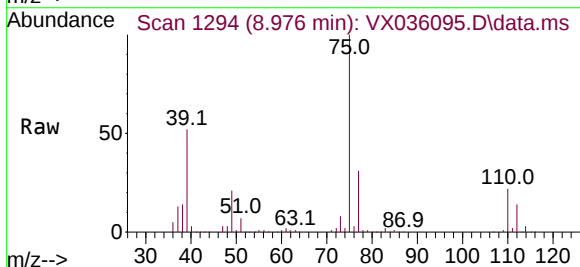
Acq: 09 Jun 2023 08:43

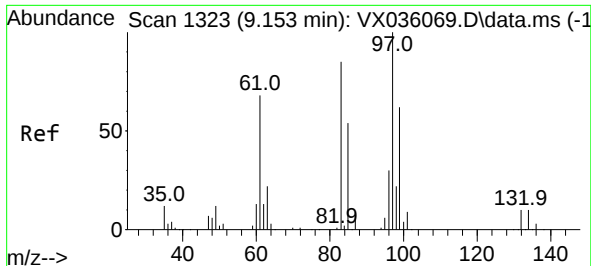
Tgt Ion: 75 Resp: 190943

Ion Ratio Lower Upper

75 100

77 30.9 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 47.645 ug/L

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX036095.D

Acq: 09 Jun 2023 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTD050692

Tgt Ion: 97 Resp: 122160

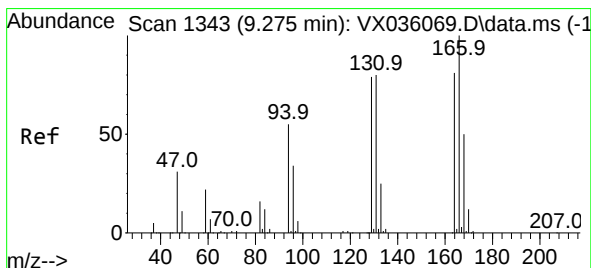
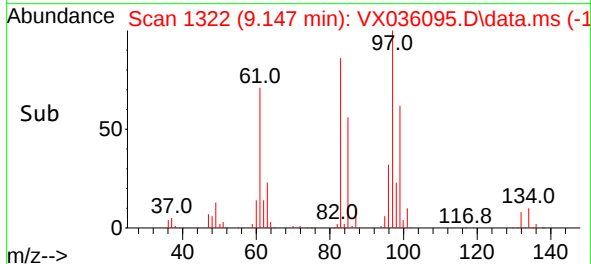
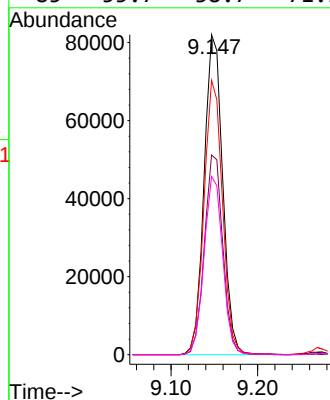
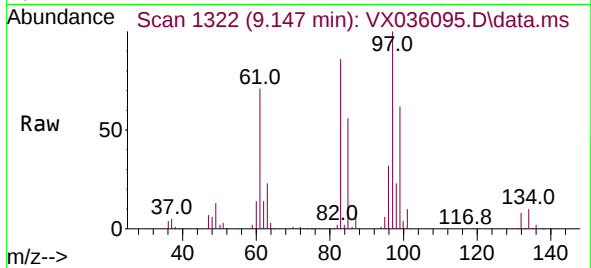
Ion Ratio Lower Upper

97 100

99 62.4 42.9 79.7

83 85.7 61.0 113.2

85 55.7 38.7 71.9



#46

Tetrachloroethene

Concen: 46.600 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX036095.D

Acq: 09 Jun 2023 08:43

Tgt Ion: 164 Resp: 87608

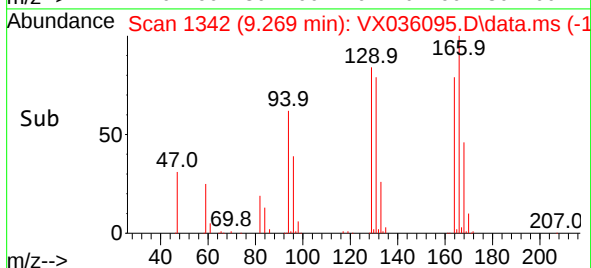
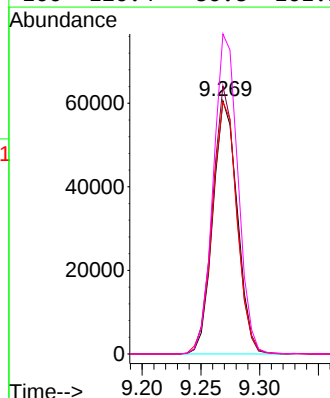
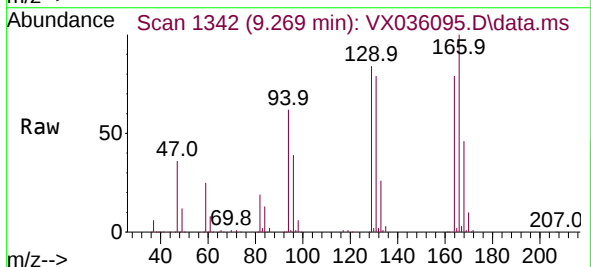
Ion Ratio Lower Upper

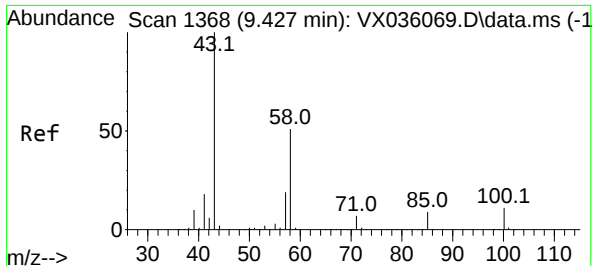
164 100

129 105.8 74.8 139.0

131 99.6 68.9 127.9

166 126.4 86.8 161.2



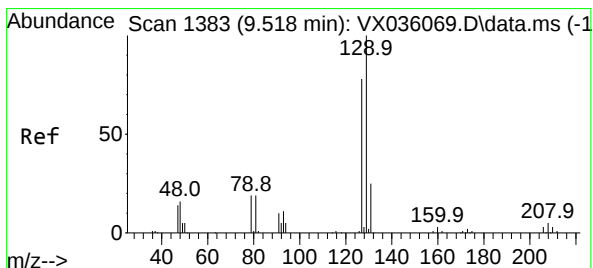
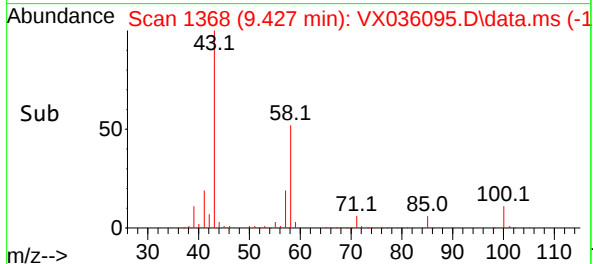
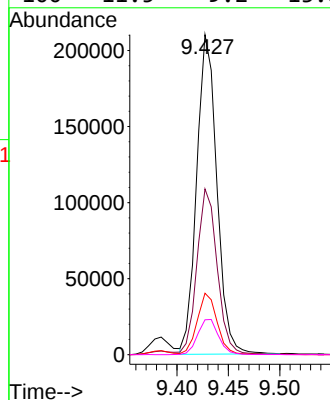
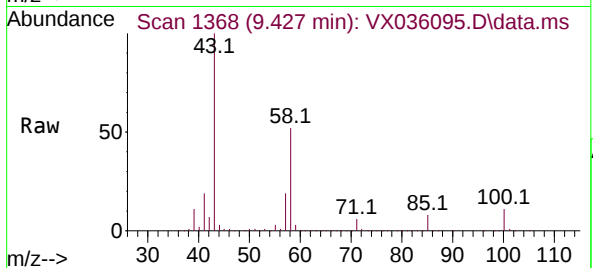


#48
2-Hexanone
Concen: 92.482 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTD050692

Tgt Ion: 43 Resp: 287924

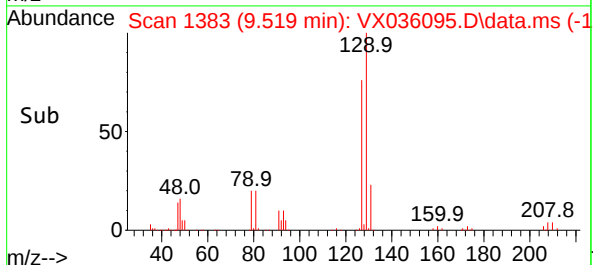
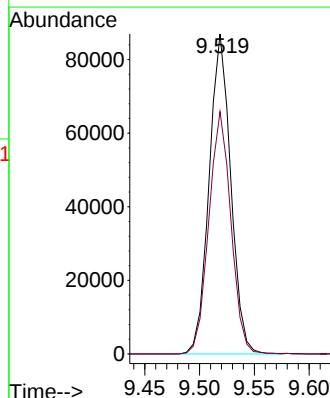
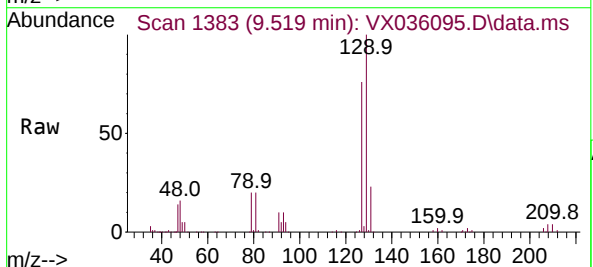
Ion	Ratio	Lower	Upper
43	100		
58	52.2	41.0	61.6
57	19.1	15.2	22.8
100	11.5	9.2	13.8

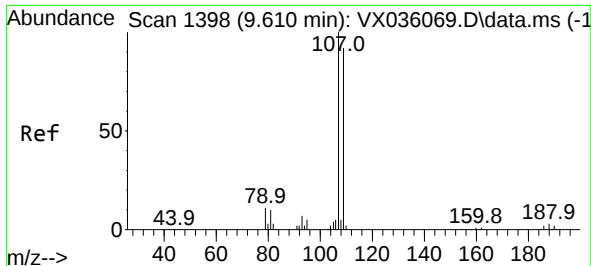


#49
Dibromochloromethane
Concen: 49.005 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

Tgt Ion: 129 Resp: 119214

Ion	Ratio	Lower	Upper
129	100		
127	75.8	53.3	98.9

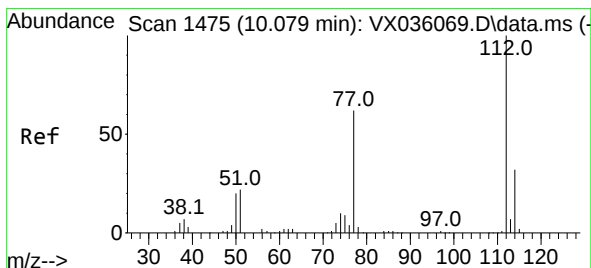
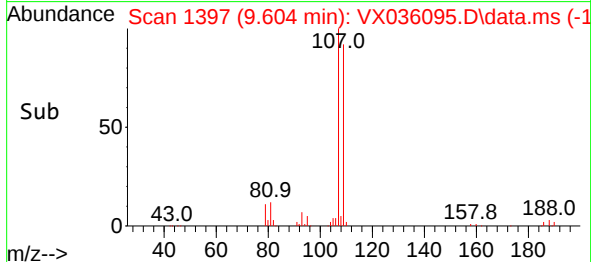
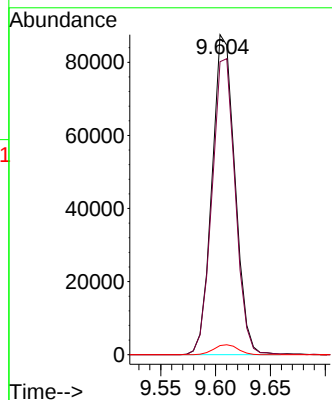
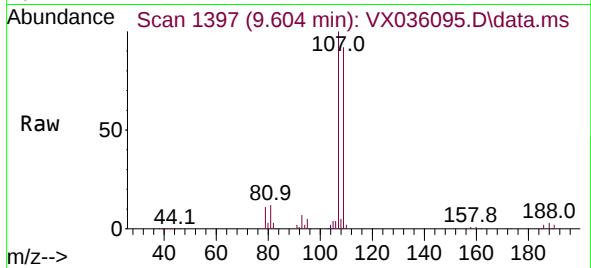




#50
1,2-Dibromoethane
Concen: 47.186 ug/L
RT: 9.604 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

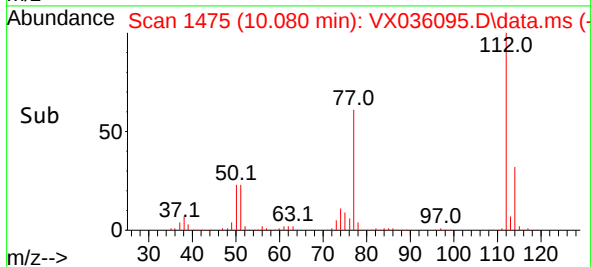
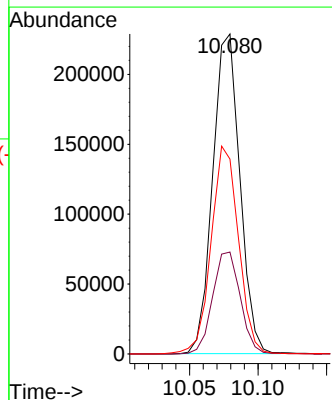
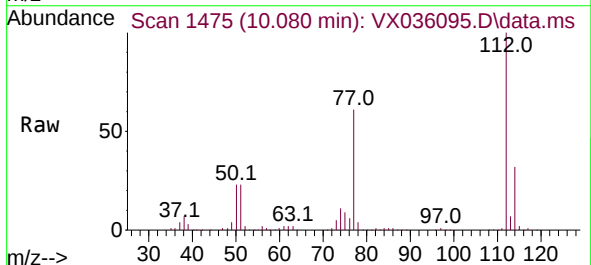
Instrument :
MSVOA_X
ClientSampleId :
VSTD050692

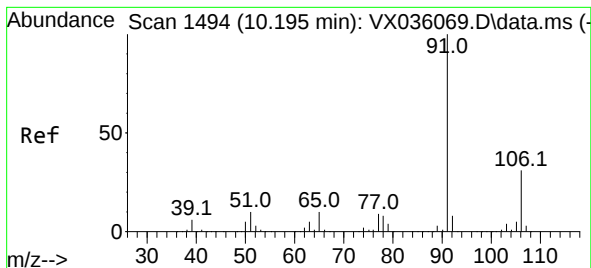
Tgt Ion:107 Resp: 127837
Ion Ratio Lower Upper
107 100
109 91.6 66.1 122.8
188 2.9 2.9 4.3#



#51
Chlorobenzene
Concen: 46.165 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

Tgt Ion:112 Resp: 315321
Ion Ratio Lower Upper
112 100
114 31.9 22.7 42.3
77 60.9 50.6 75.8

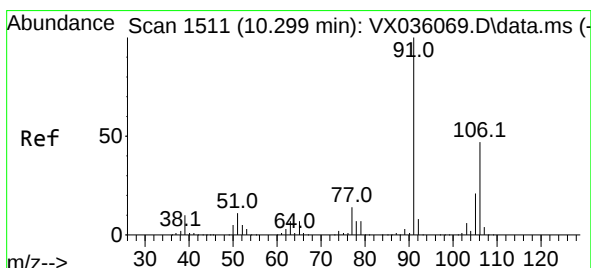
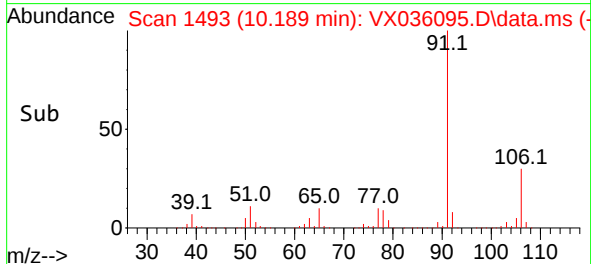
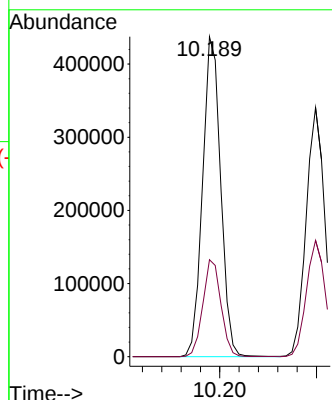
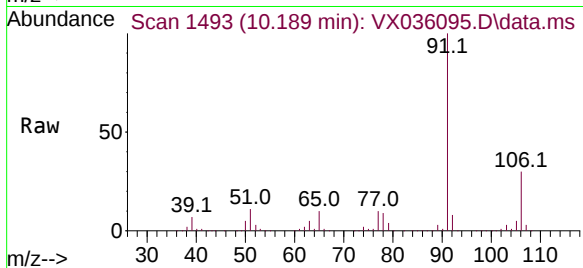




#52
Ethylbenzene
Concen: 47.551 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

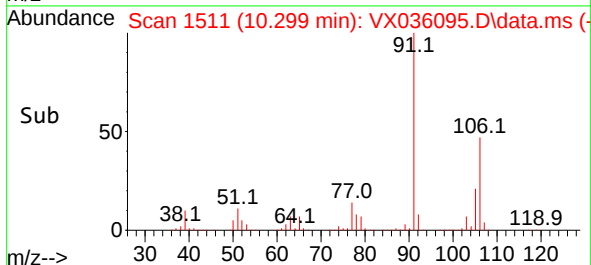
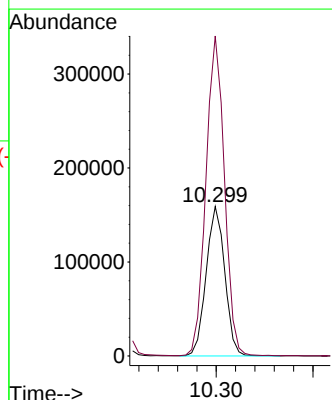
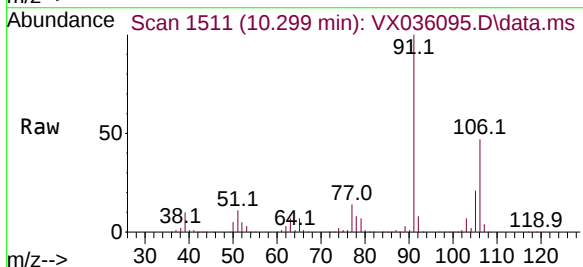
Instrument :
MSVOA_X
ClientSampleId :
VSTD050692

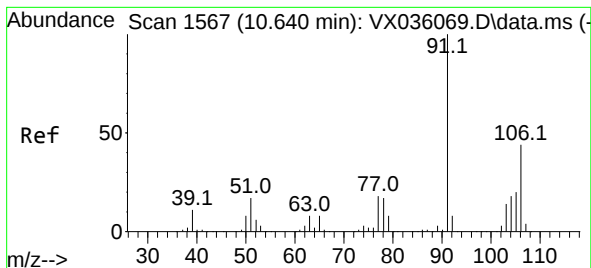
Tgt Ion: 91 Resp: 568562
Ion Ratio Lower Upper
91 100
106 30.3 20.8 38.6



#53
m,p-Xylene
Concen: 47.064 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

Tgt Ion: 106 Resp: 213413
Ion Ratio Lower Upper
106 100
91 214.1 149.8 278.2





#54

o-Xylene

Concen: 46.539 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036095.D

Acq: 09 Jun 2023 08:43

Instrument :

MSVOA_X

ClientSampleId :

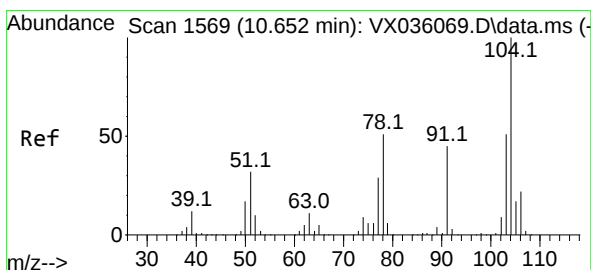
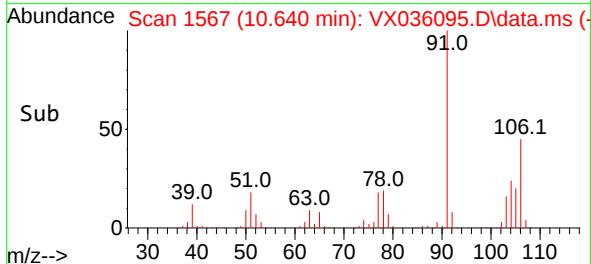
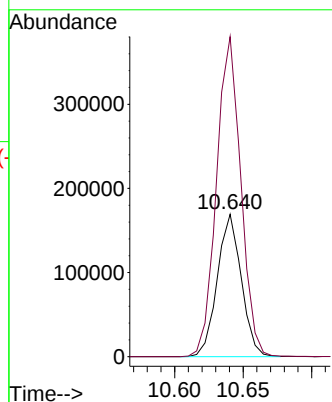
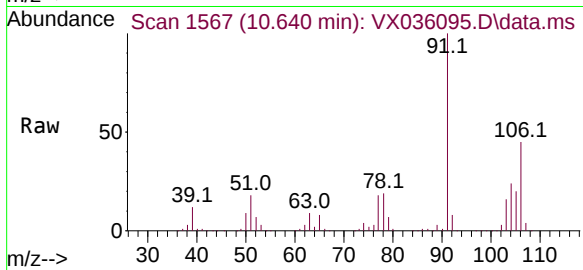
VSTD050692

Tgt Ion:106 Resp: 206271

Ion Ratio Lower Upper

106 100

91 224.7 156.9 291.5



#55

Styrene

Concen: 47.871 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036095.D

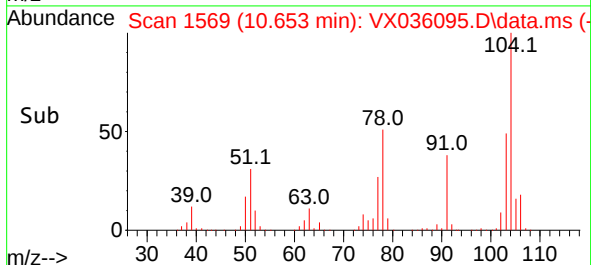
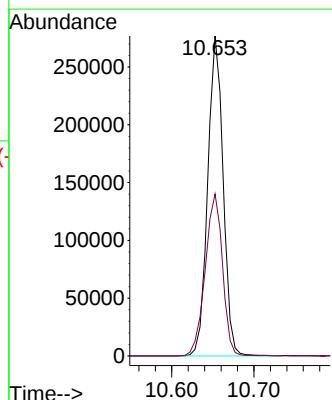
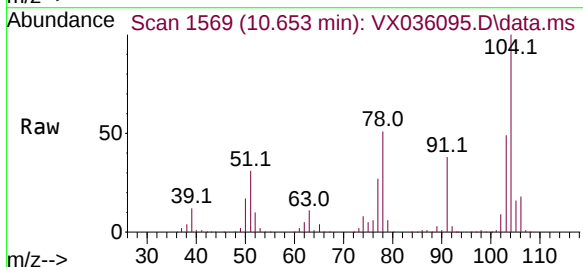
Acq: 09 Jun 2023 08:43

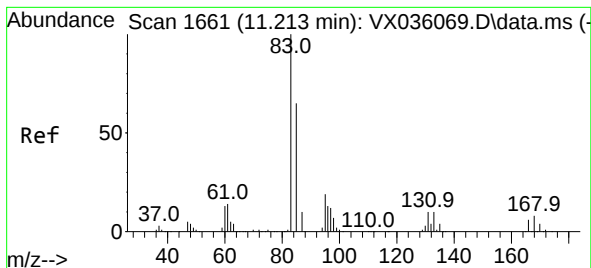
Tgt Ion:104 Resp: 360594

Ion Ratio Lower Upper

104 100

78 50.6 36.1 67.1

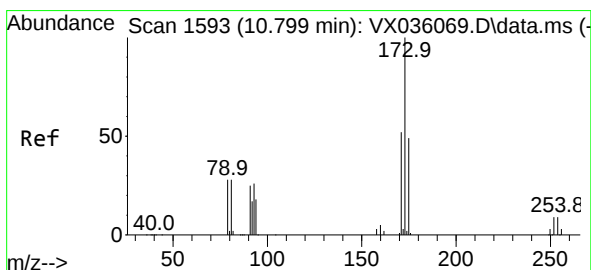
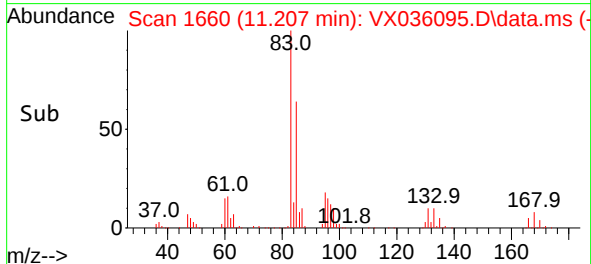
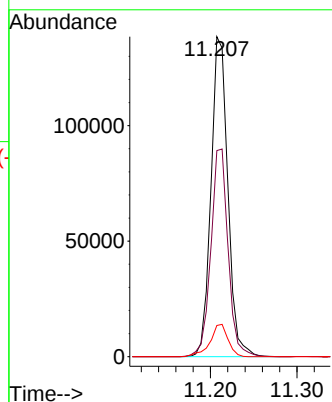
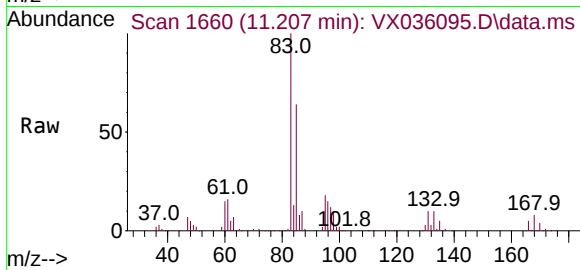




#57
1,1,2,2-Tetrachloroethane
Concen: 46.435 ug/L
RT: 11.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

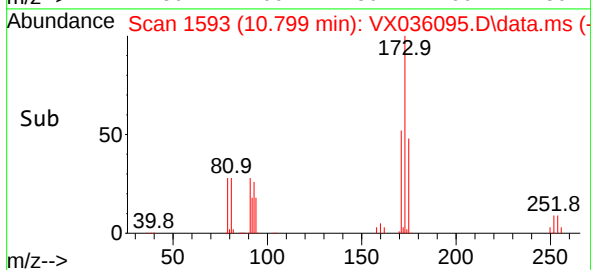
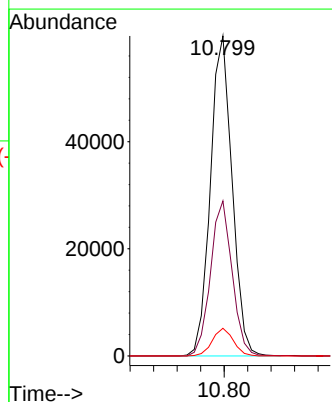
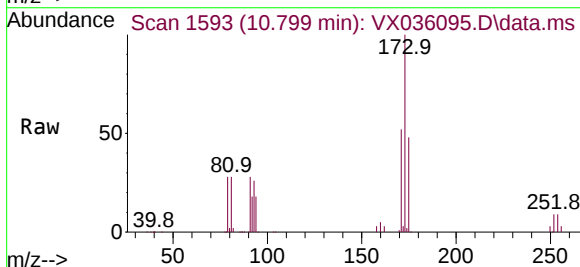
Instrument :
MSVOA_X
ClientSampleId :
VSTD050692

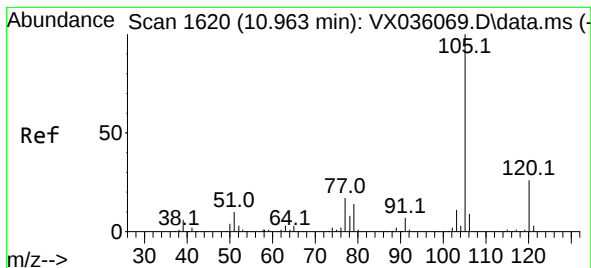
Tgt Ion: 83 Resp: 187133
Ion Ratio Lower Upper
83 100
85 64.4 45.6 84.8
131 9.7 8.1 12.1



#59
Bromoform
Concen: 48.354 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

Tgt Ion: 173 Resp: 76716
Ion Ratio Lower Upper
173 100
175 48.3 38.2 57.2
254 8.4 6.6 10.0





#60

Isopropylbenzene

Concen: 48.268 ug/L

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036095.D

Acq: 09 Jun 2023 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTD050692

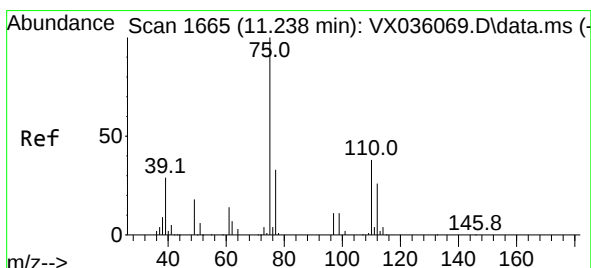
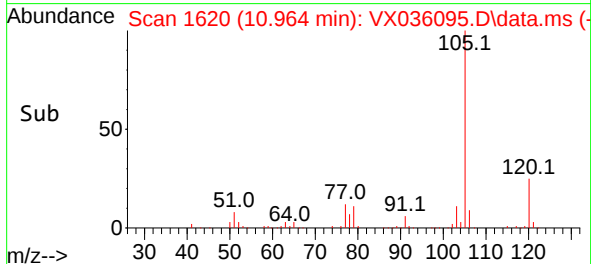
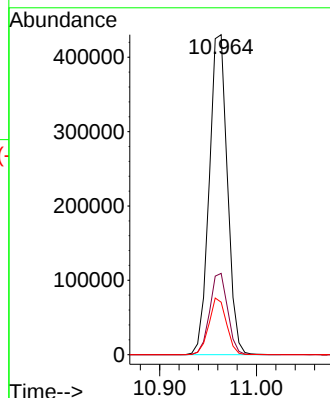
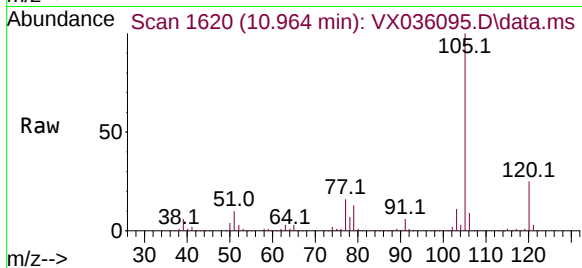
Tgt Ion:105 Resp: 560715

Ion Ratio Lower Upper

105 100

120 25.2 20.9 31.3

77 17.1 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 47.126 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX036095.D

Acq: 09 Jun 2023 08:43

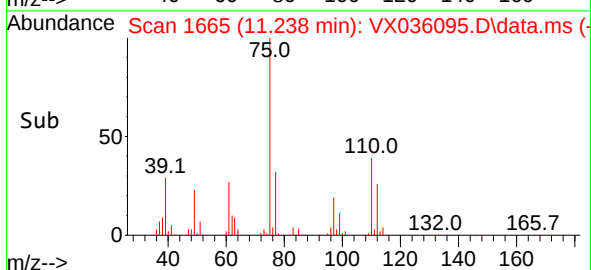
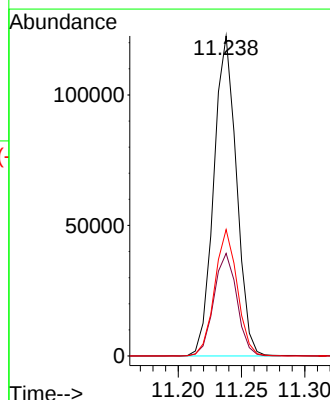
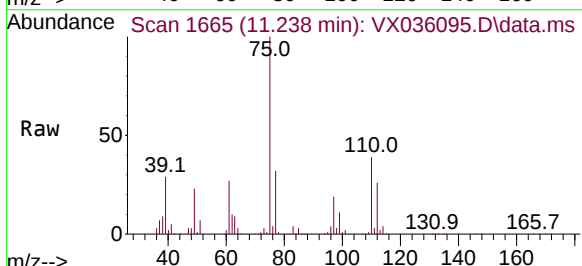
Tgt Ion: 75 Resp: 152932

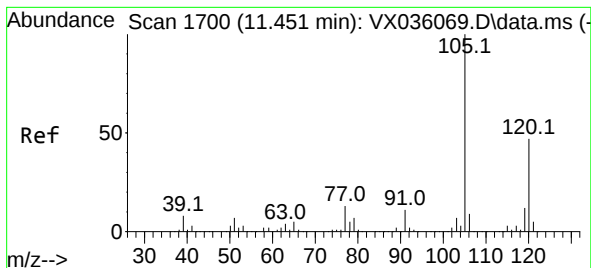
Ion Ratio Lower Upper

75 100

77 32.6 25.2 37.8

110 39.2 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 48.402 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036095.D

Acq: 09 Jun 2023 08:43

Instrument :

MSVOA_X

ClientSampleId :

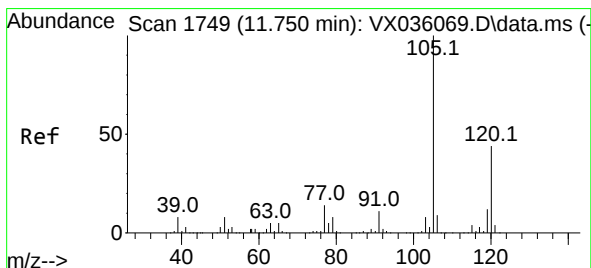
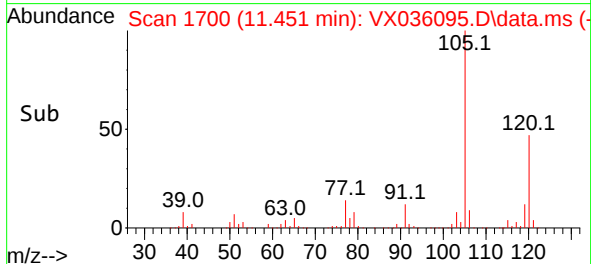
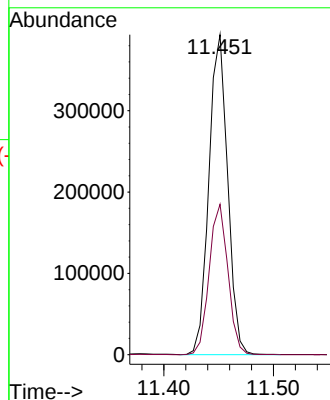
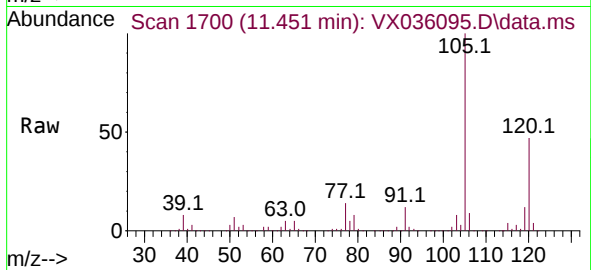
VSTD050692

Tgt Ion:105 Resp: 467665

Ion Ratio Lower Upper

105 100

120 46.9 37.0 55.4



#63

1,2,4-Trimethylbenzene

Concen: 48.728 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036095.D

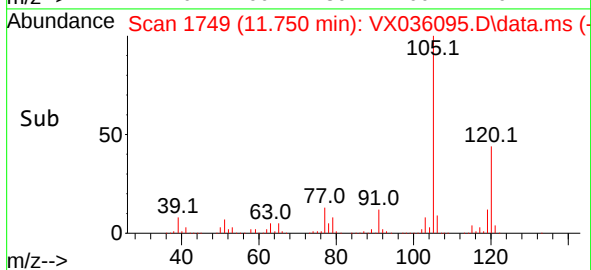
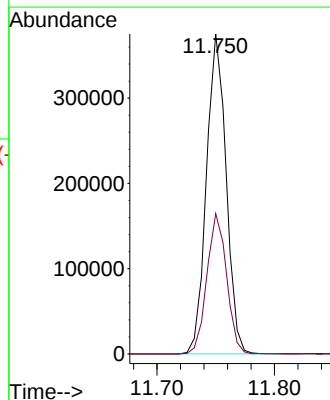
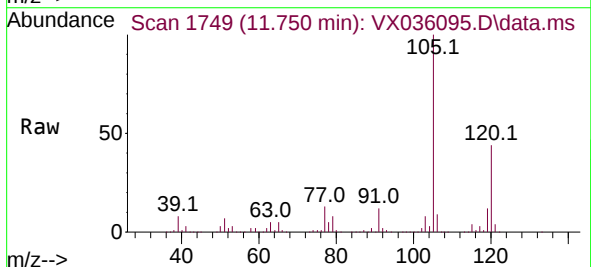
Acq: 09 Jun 2023 08:43

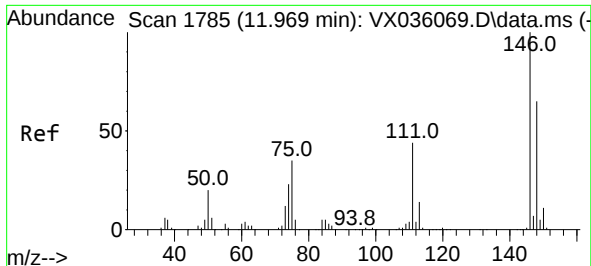
Tgt Ion:105 Resp: 435681

Ion Ratio Lower Upper

105 100

120 43.9 35.0 52.6

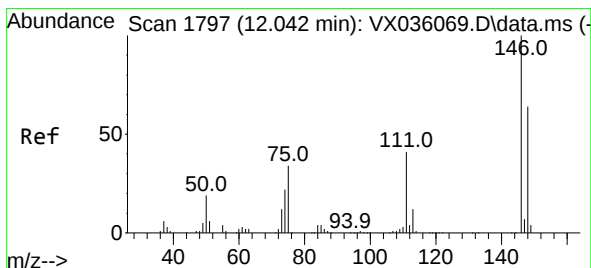
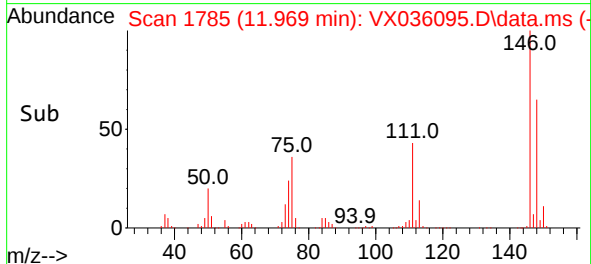
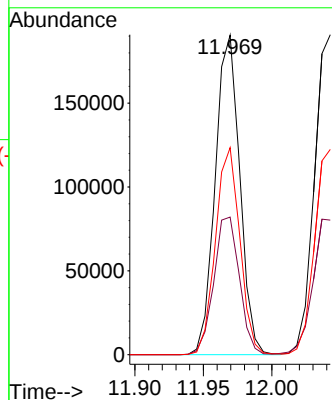
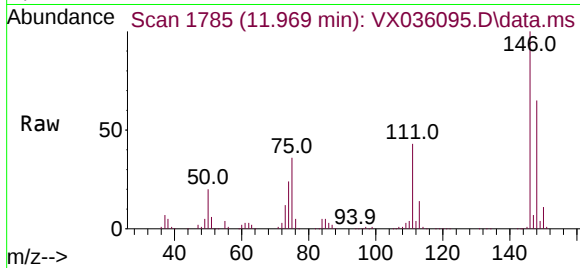




#64
1,3-Dichlorobenzene
Concen: 47.165 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

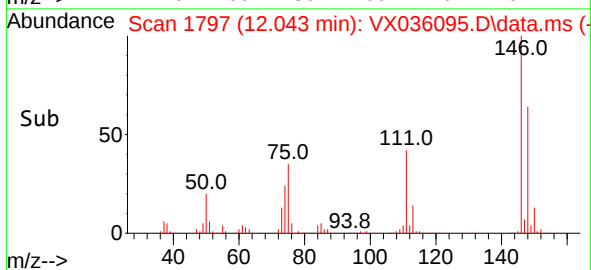
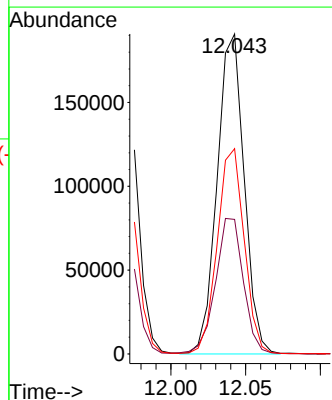
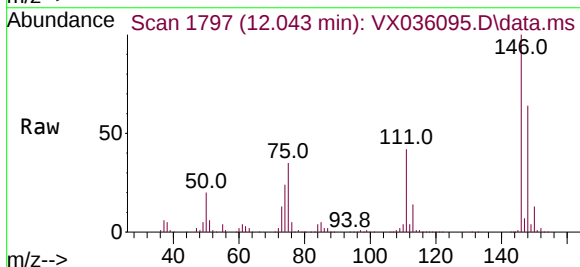
Instrument :
MSVOA_X
ClientSampleId :
VSTD050692

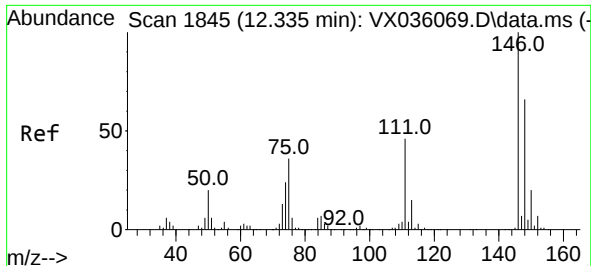
Tgt Ion:146 Resp: 237263
Ion Ratio Lower Upper
146 100
111 43.1 30.9 57.3
148 64.8 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 46.655 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

Tgt Ion:146 Resp: 240070
Ion Ratio Lower Upper
146 100
111 42.0 28.8 53.4
148 64.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 47.348 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036095.D

Acq: 09 Jun 2023 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTD050692

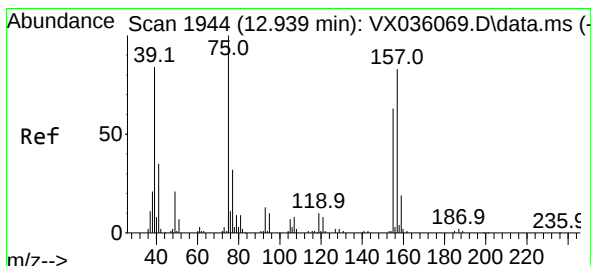
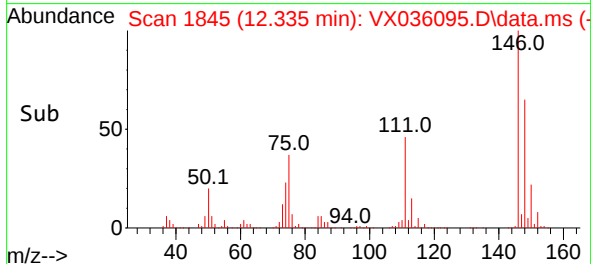
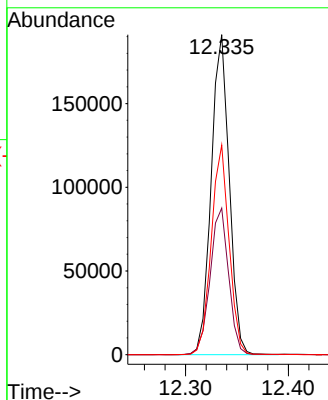
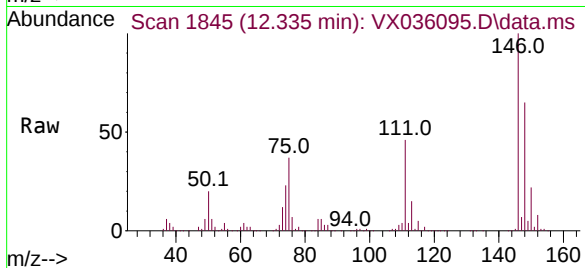
Tgt Ion:146 Resp: 232681

Ion Ratio Lower Upper

146 100

111 45.8 37.0 55.4

148 65.5 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 47.910 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX036095.D

Acq: 09 Jun 2023 08:43

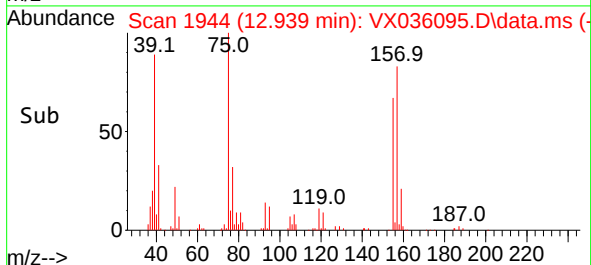
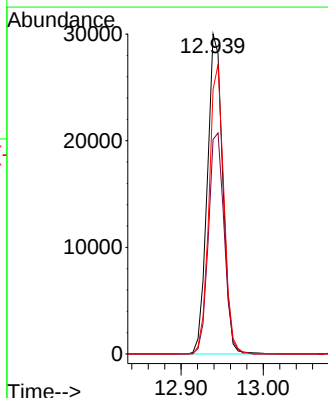
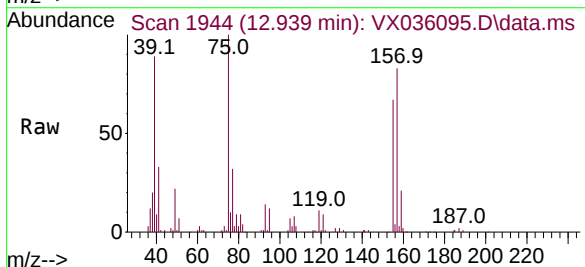
Tgt Ion: 75 Resp: 39265

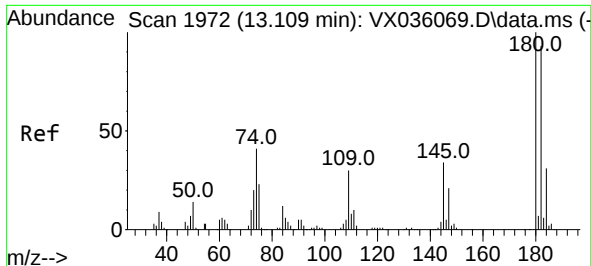
Ion Ratio Lower Upper

75 100

155 67.0 57.0 85.6

157 82.7 75.2 112.8





#69

1,3,5-Trichlorobenzene

Concen: 48.143 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX036095.D

Acq: 09 Jun 2023 08:43

Instrument :

MSVOA_X

ClientSampleId :

VSTD050692

Tgt Ion:180 Resp: 148235

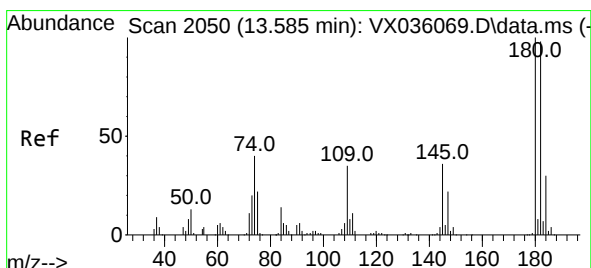
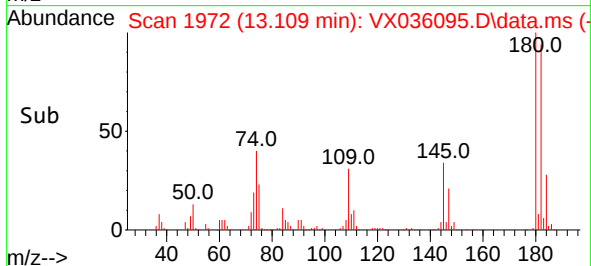
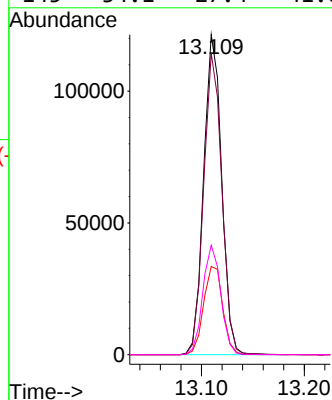
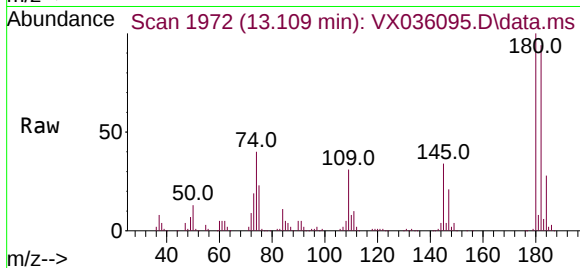
Ion Ratio Lower Upper

180 100

182 94.8 76.0 114.0

184 29.3 23.8 35.8

145 34.1 27.4 41.0



#70

1,2,4-trichlorobenzene

Concen: 46.662 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036095.D

Acq: 09 Jun 2023 08:43

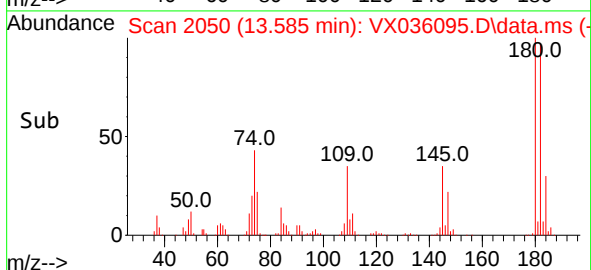
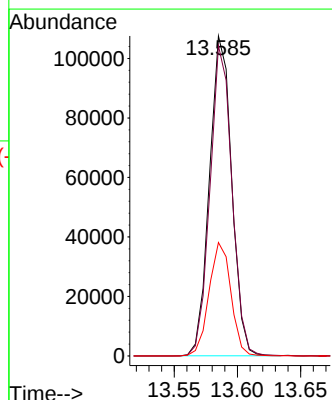
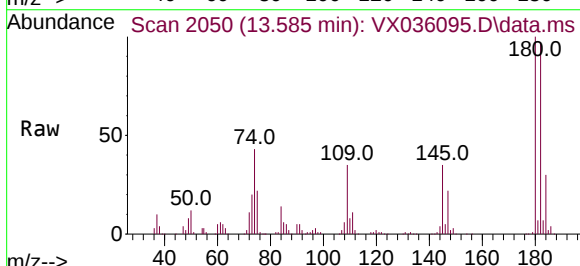
Tgt Ion:180 Resp: 131242

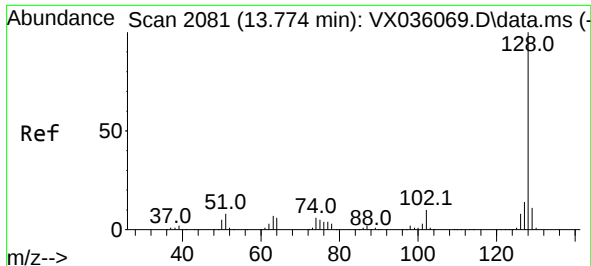
Ion Ratio Lower Upper

180 100

182 96.0 74.6 112.0

145 35.0 28.6 42.8

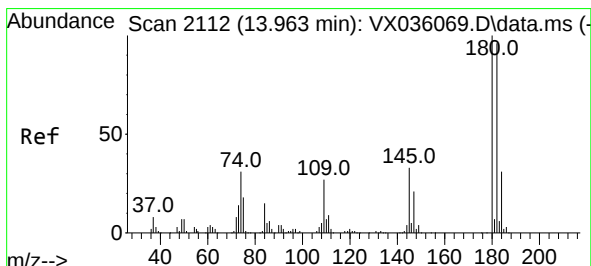
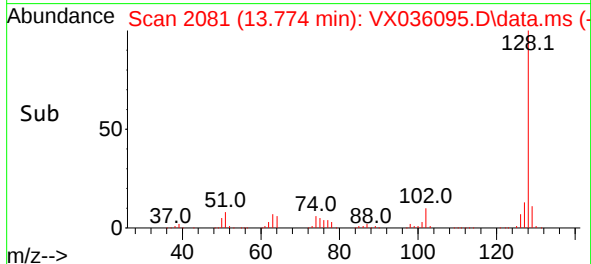
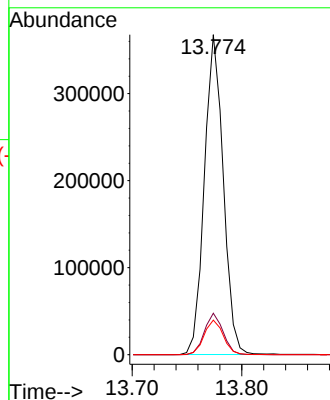
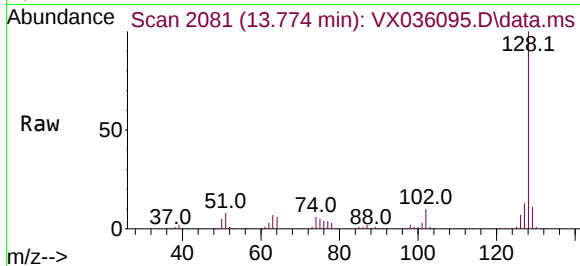




#71
Naphthalene
Concen: 47.543 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

Instrument :
MSVOA_X
ClientSampleId :
VSTD050692

Tgt Ion:128 Resp: 439797
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 47.645 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX036095.D
Acq: 09 Jun 2023 08:43

Tgt Ion:180 Resp: 133252
Ion Ratio Lower Upper
180 100
182 93.6 75.4 113.2
145 36.7 29.4 44.0

