

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060823\
 Data File : VX036093.D
 Acq On : 09 Jun 2023 00:05
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050691

Quant Time: Jun 09 02:26:08 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	6.763	114	322448	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	299590	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	150734	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	100009	45.650	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.300%
7) Chloroethane-d5	1.672	69	83050	49.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.860%
11) 1,1-Dichloroethene-d2	2.306	65	52353	47.133	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.260%
21) 2-Butanone-d5	4.471	46	176661	98.380	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.380%
24) Chloroform-d	5.056	84	222591	48.725	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.460%
26) 1,2-Dichloroethane-d4	5.952	65	165071	49.520	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.040%
32) Benzene-d6	5.970	84	430852	47.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.620%
36) 1,2-Dichloropropane-d6	7.306	67	137856	49.212	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.420%
41) Toluene-d8	8.647	98	398914	48.092	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.180%
43) trans-1,3-Dichloroprop...	8.952	79	63801	47.448	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.900%
47) 2-Hexanone-d5	9.384	63	127236	102.004	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.000%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	189999	49.657	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.320%
66) 1,2-Dichlorobenzene-d4	12.317	152	142599	48.727	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	141740	46.156	ug/L	99
3) Chloromethane	1.294	50	129083	44.613	ug/L	100
5) Vinyl chloride	1.374	62	128834	48.039	ug/L	99
6) Bromomethane	1.618	94	75209	48.135	ug/L	100
8) Chloroethane	1.691	64	78955	49.631	ug/L	100
9) Trichlorofluoromethane	1.892	101	183838	48.734	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	114860	46.651	ug/L	99
12) 1,1-Dichloroethene	2.319	96	104624	48.828	ug/L	97
13) Acetone	2.410	43	117859	62.120	ug/L	99
14) Carbon disulfide	2.514	76	271545	46.180	ug/L	100
15) Methyl Acetate	2.709	43	135783	46.256	ug/L	99
16) Methylene chloride	2.788	84	118574	48.193	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	107283	46.734	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	392447	48.048	ug/L	99
19) 1,1-Dichloroethane	3.611	63	220842	48.253	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	123639	46.940	ug/L	98
22) 2-Butanone	4.580	43	190249	83.956	ug/L	100
23) Bromochloromethane	4.897	128	60714	46.442	ug/L	94
25) Chloroform	5.093	83	244334	49.077	ug/L	99

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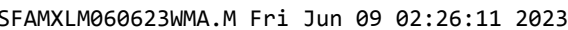
Instrument :
 MSVOA_X
 ClientSampleId :
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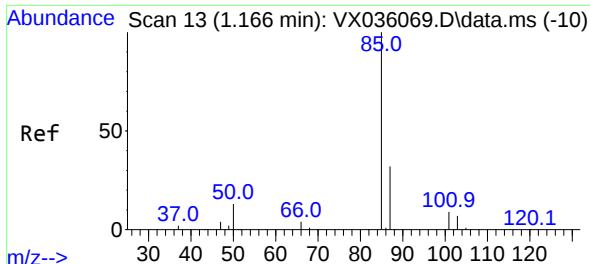
Quant Time: Jun 09 02:26:08 2023
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 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:37:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	206807	48.684	ug/L	100
29) Cyclohexane	5.471	56	194866	46.830	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	199332	48.012	ug/L	99
31) Carbon tetrachloride	5.678	117	166438	48.273	ug/L	99
33) Benzene	6.038	78	469521	47.041	ug/L	100
34) Trichloroethene	7.123	95	124918	46.469	ug/L	96
35) Methylcyclohexane	7.379	83	182300	46.195	ug/L	99
37) 1,2-Dichloropropane	7.428	63	127322	48.604	ug/L	100
38) Bromodichloromethane	7.818	83	162999	48.264	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	194466	47.513	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	375765	95.245	ug/L	100
42) Toluene	8.720	91	497712	47.945	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	185023	48.276	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	122176	47.654	ug/L	98
46) Tetrachloroethene	9.275	164	87410	46.498	ug/L	97
48) 2-Hexanone	9.433	43	283129	90.949	ug/L	99
49) Dibromochloromethane	9.519	129	116535	47.907	ug/L	92
50) 1,2-Dibromoethane	9.610	107	128375	47.388	ug/L	98
51) Chlorobenzene	10.079	112	317896	46.546	ug/L	99
52) Ethylbenzene	10.195	91	573677	47.982	ug/L	99
53) m,p-Xylene	10.299	106	217921	48.061	ug/L	96
54) o-Xylene	10.640	106	212008	47.837	ug/L	100
55) Styrene	10.653	104	363262	48.228	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	192409	47.747	ug/L	99
59) Bromoform	10.799	173	76290	48.409	ug/L	100
60) Isopropylbenzene	10.963	105	566207	49.068	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	153484	47.614	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	476981	49.698	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	437772	49.291	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	237630	47.555	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	240409	47.035	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	235239	48.191	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	38896	47.779	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	142220	46.500	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	130361	46.660	ug/L	97
71) Naphthalene	13.774	128	454676	49.482	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	129882	46.752	ug/L	99

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

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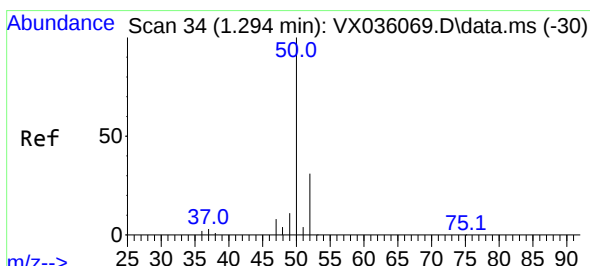
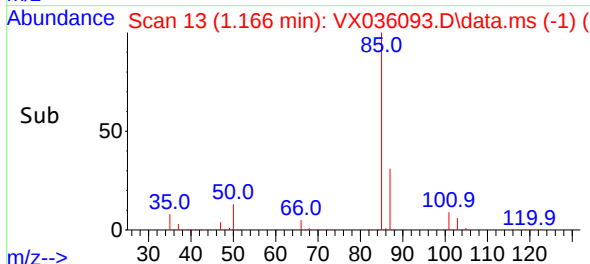
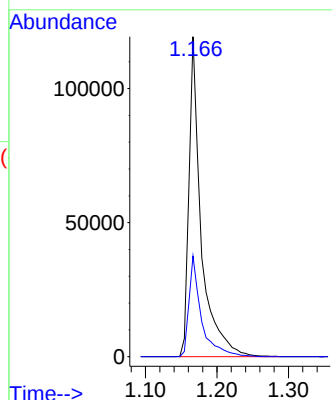
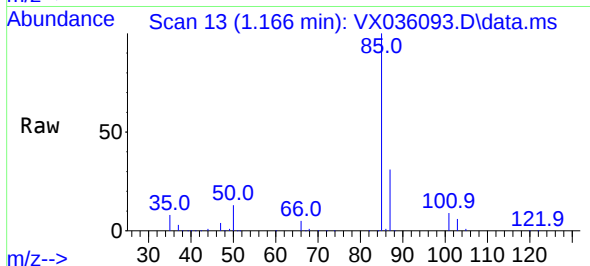




#2
 Dichlorodifluoromethane
 Concen: 46.156 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036093.D
 Acq: 09 Jun 2023 00:05

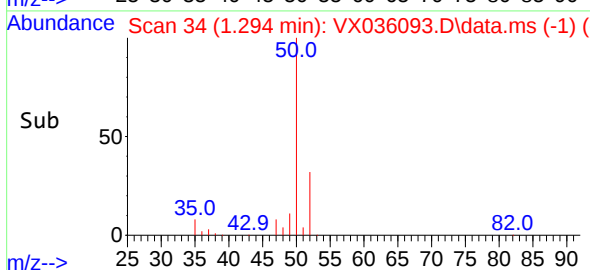
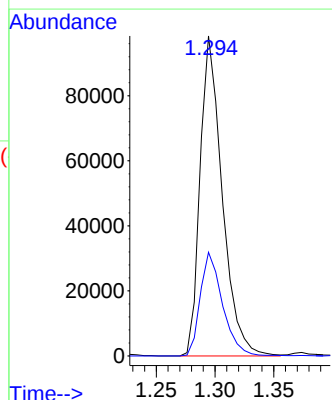
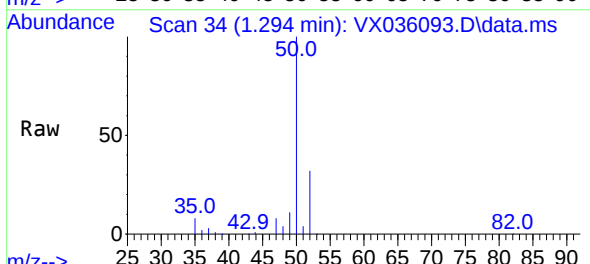
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050691

Tgt Ion: 85 Resp: 141740
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.4 39.6

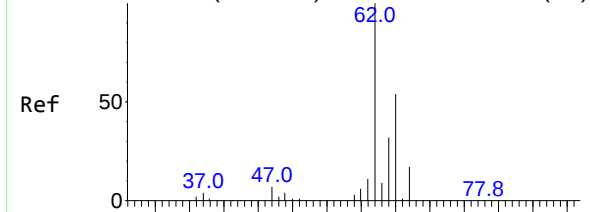


#3
 Chloromethane
 Concen: 44.613 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX036093.D
 Acq: 09 Jun 2023 00:05

Tgt Ion: 50 Resp: 129083
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.5 41.9

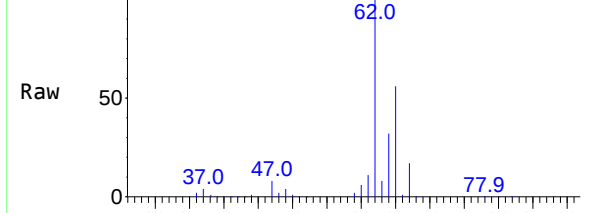


Abundance Scan 47 (1.374 min): VX036069.D\data.ms (-43)



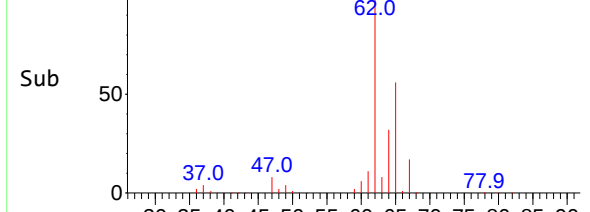
m/z-->

Abundance Scan 47 (1.374 min): VX036093.D\data.ms



m/z-->

Abundance Scan 47 (1.374 min): VX036093.D\data.ms (-1)



m/z-->

#5

Vinyl chloride

Concen: 48.039 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX036093.D

Acq: 09 Jun 2023 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTD050691

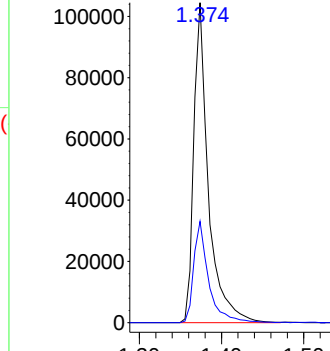
Tgt Ion: 62 Resp: 128834

Ion Ratio Lower Upper

62 100

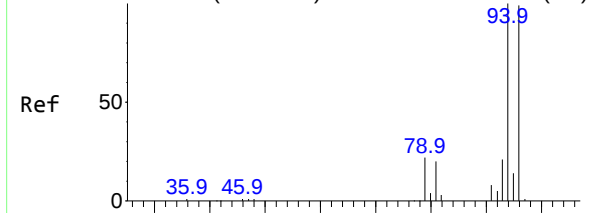
64 31.6 22.7 42.1

Abundance



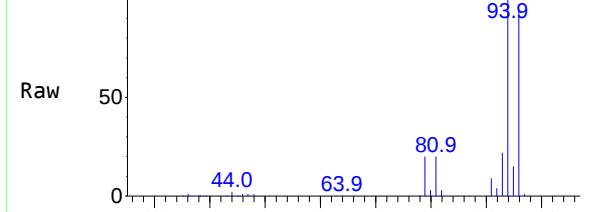
Time-->

Abundance Scan 87 (1.617 min): VX036069.D\data.ms (-82)



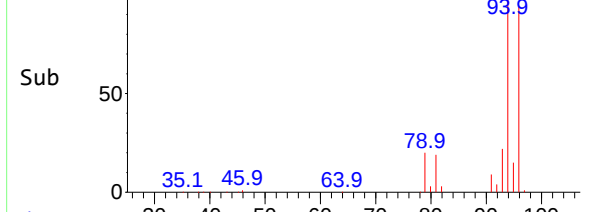
m/z-->

Abundance Scan 87 (1.618 min): VX036093.D\data.ms



m/z-->

Abundance Scan 87 (1.618 min): VX036093.D\data.ms (-38)



m/z-->

#6

Bromomethane

Concen: 48.135 ug/L

RT: 1.618 min Scan# 87

Delta R.T. 0.000 min

Lab File: VX036093.D

Acq: 09 Jun 2023 00:05

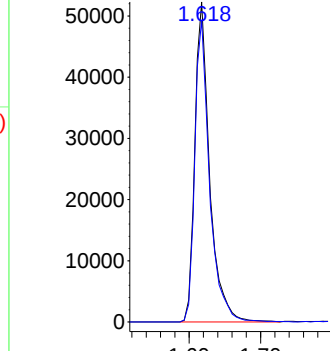
Tgt Ion: 94 Resp: 75209

Ion Ratio Lower Upper

94 100

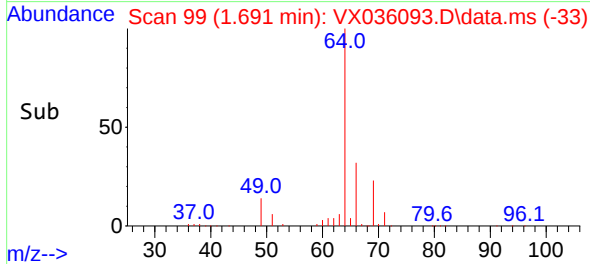
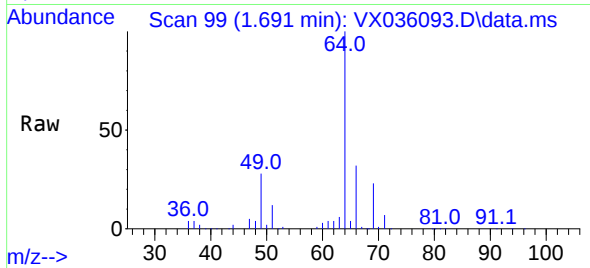
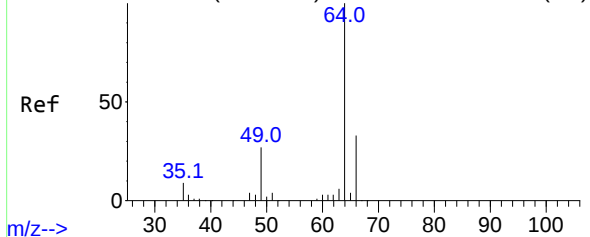
96 94.4 65.8 122.2

Abundance



Time-->

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



#8

Chloroethane

Concen: 49.631 ug/L

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX036093.D

Acq: 09 Jun 2023 00:05

Instrument :

MSVOA_X

ClientSampleId :

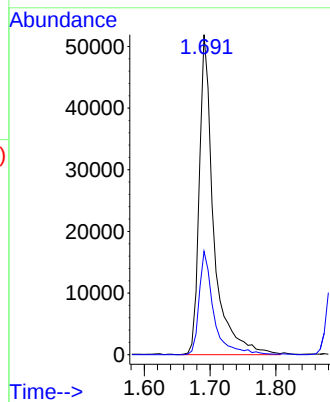
VSTD050691

Tgt Ion: 64 Resp: 78955

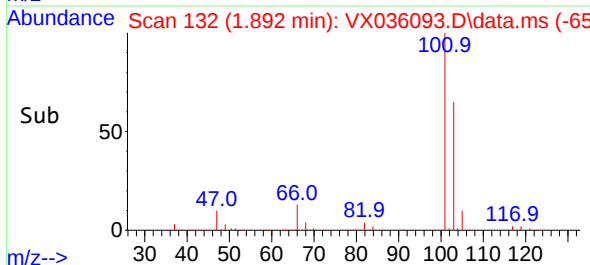
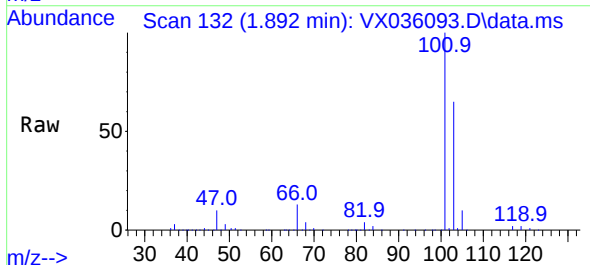
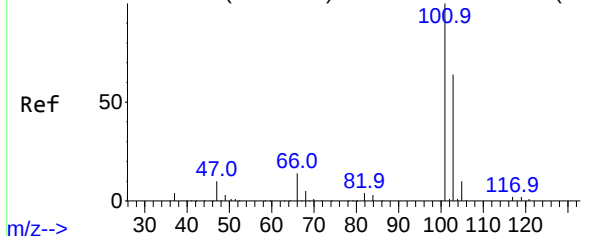
Ion Ratio Lower Upper

64 100

66 32.3 22.5 41.7



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



#9

Trichlorofluoromethane

Concen: 48.734 ug/L

RT: 1.892 min Scan# 132

Delta R.T. 0.006 min

Lab File: VX036093.D

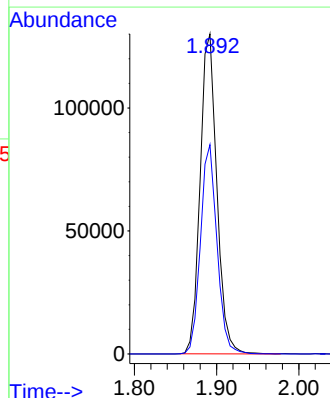
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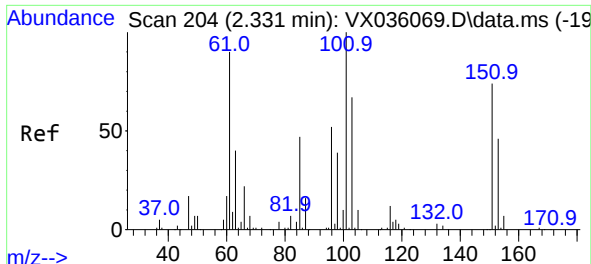
Tgt Ion:101 Resp: 183838

Ion Ratio Lower Upper

101 100

103 64.8 51.4 77.0

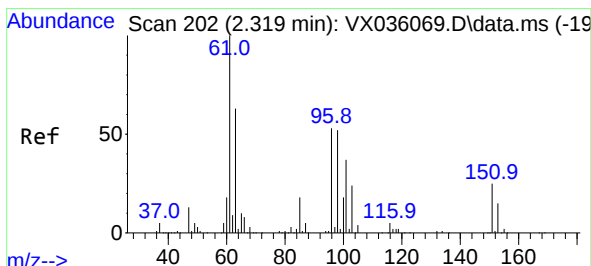
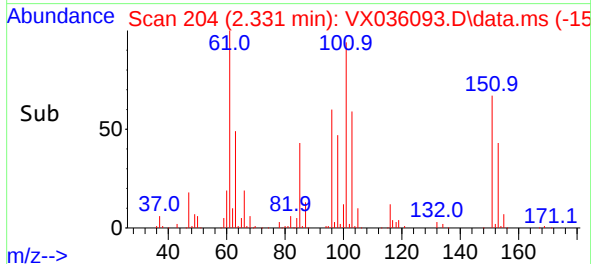
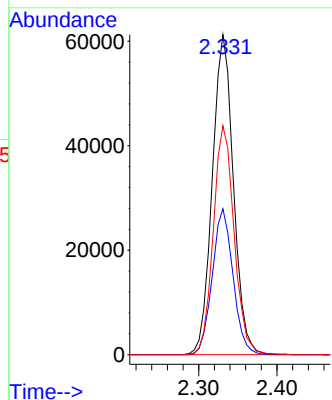
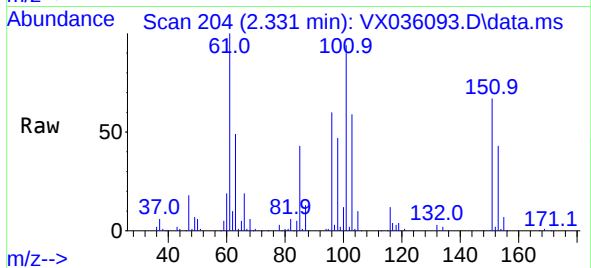




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.651 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

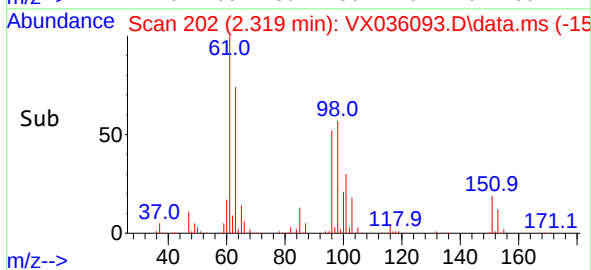
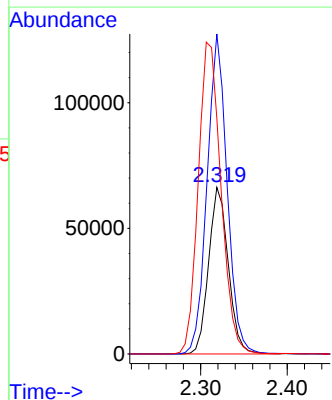
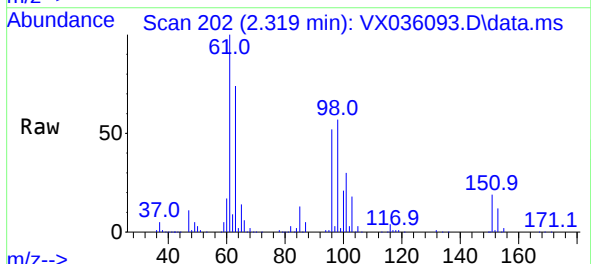
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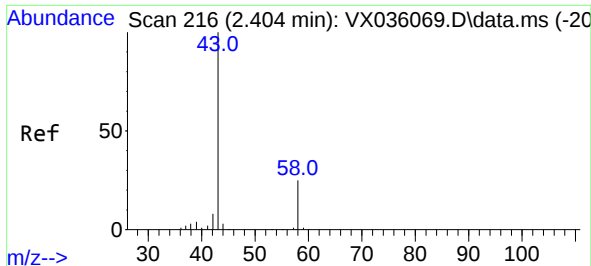
Tgt Ion:101 Resp: 114860
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 70.5 56.1 84.1



#12
1,1-Dichloroethene
Concen: 48.828 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

Tgt Ion: 96 Resp: 104624
Ion Ratio Lower Upper
96 100
61 192.0 132.5 246.1
63 141.5 95.1 176.7





#13

Acetone

Concen: 62.120 ug/L

RT: 2.410 min Scan# 216

Delta R.T. 0.000 min

Lab File: VX036093.D

Acq: 09 Jun 2023 00:05

Instrument :

MSVOA_X

ClientSampleId :

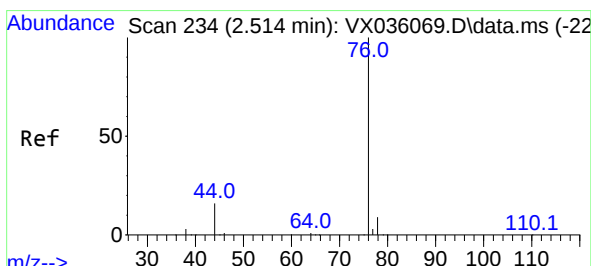
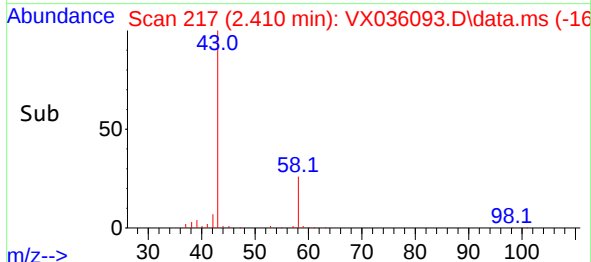
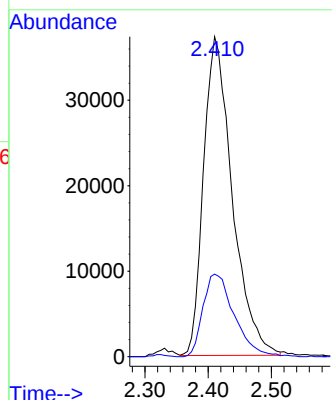
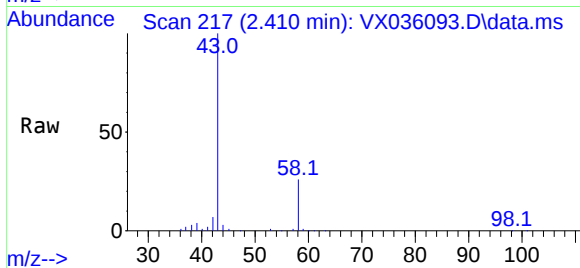
VSTD050691

Tgt Ion: 43 Resp: 117859

Ion Ratio Lower Upper

43 100

58 28.1 0.0 55.4



#14

Carbon disulfide

Concen: 46.180 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX036093.D

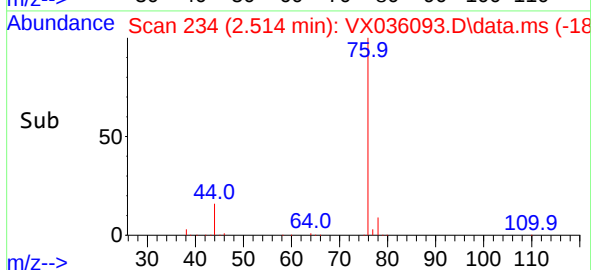
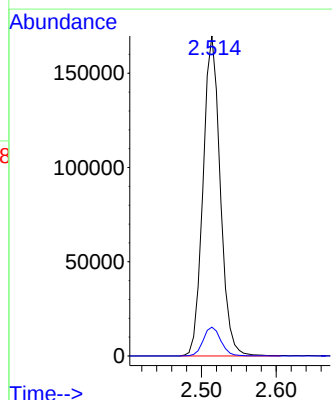
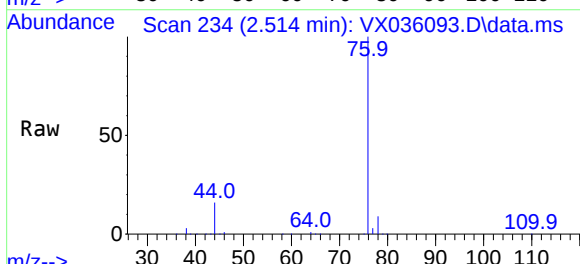
Acq: 09 Jun 2023 00:05

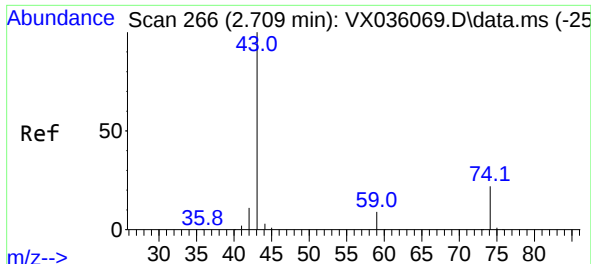
Tgt Ion: 76 Resp: 271545

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

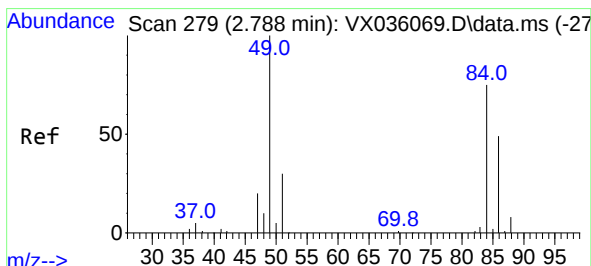
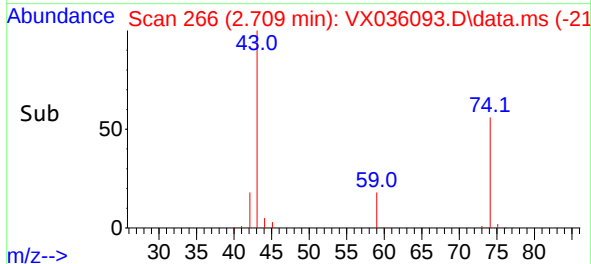
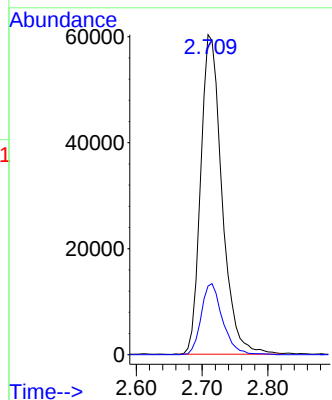
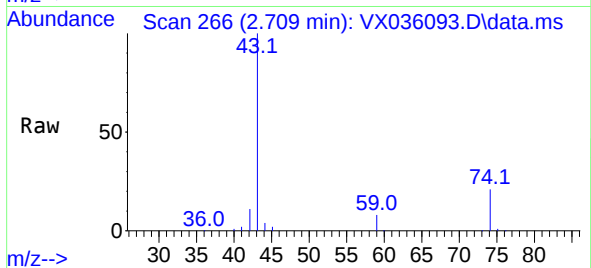




#15
Methyl Acetate
Concen: 46.256 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

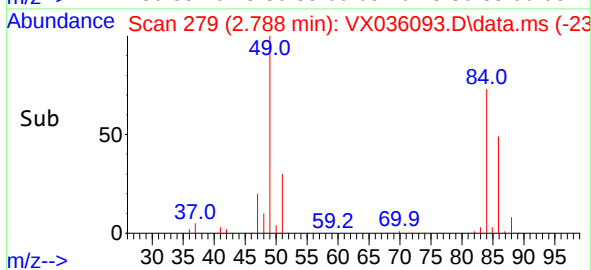
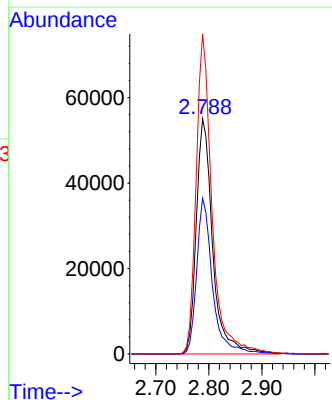
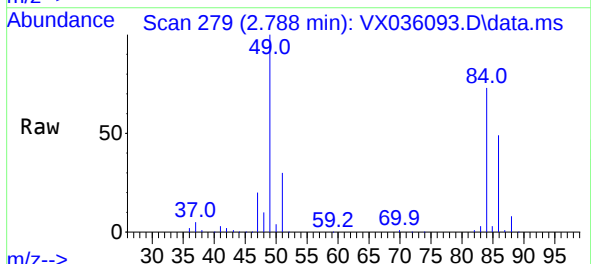
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

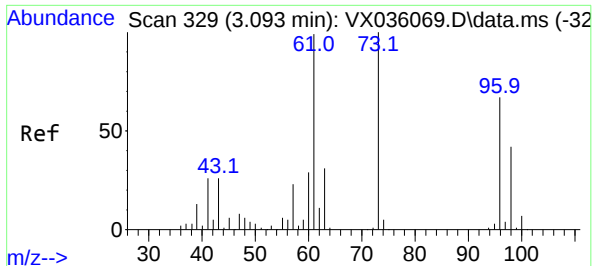
Tgt Ion: 43 Resp: 135783
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.2



#16
Methylene chloride
Concen: 48.193 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

Tgt Ion: 84 Resp: 118574
Ion Ratio Lower Upper
84 100
86 66.2 46.5 86.5
49 136.1 95.1 176.5

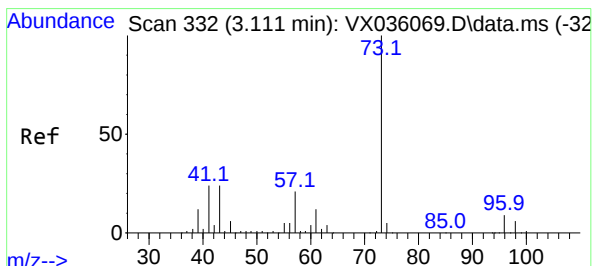
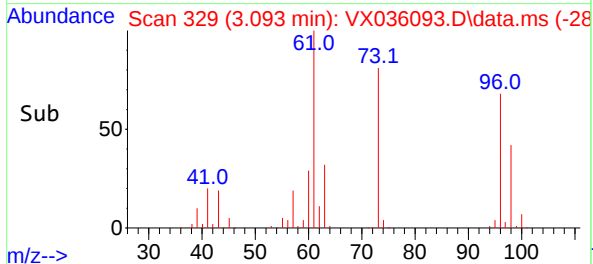
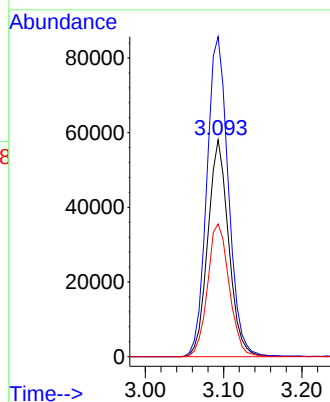
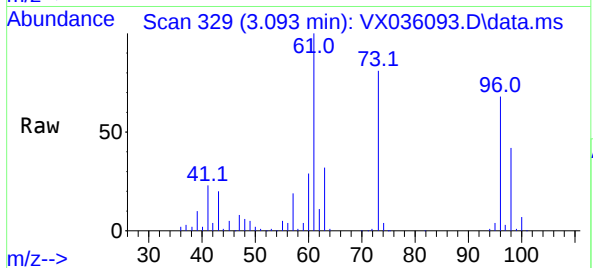




#17
trans-1,2-Dichloroethene
Concen: 46.734 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

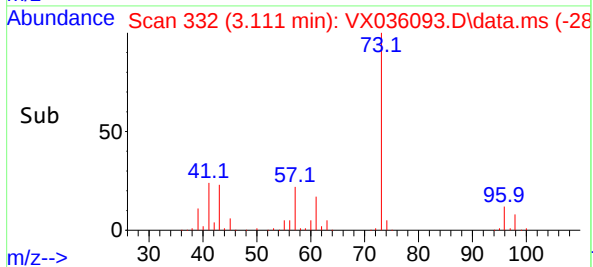
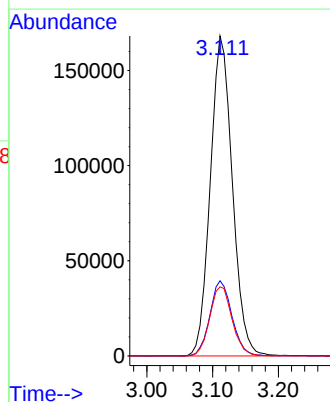
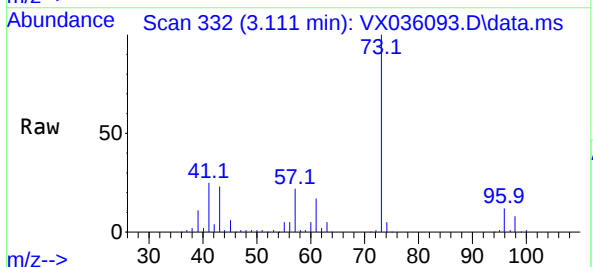
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

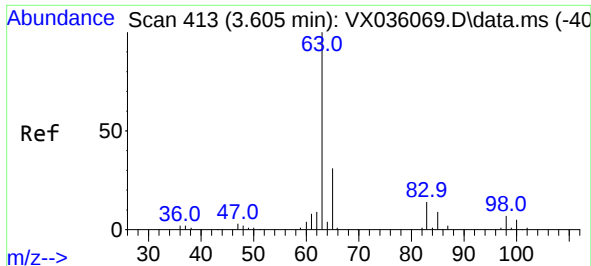
Tgt Ion: 96 Resp: 107283
Ion Ratio Lower Upper
96 100
61 147.5 100.7 187.1
98 61.2 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 48.048 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

Tgt Ion: 73 Resp: 392447
Ion Ratio Lower Upper
73 100
43 23.5 19.4 29.0
57 21.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 48.253 ug/L

RT: 3.611 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX036093.D

Acq: 09 Jun 2023 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTD050691

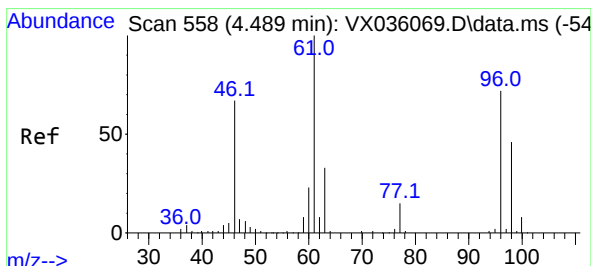
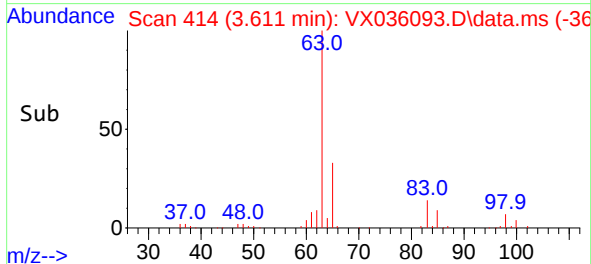
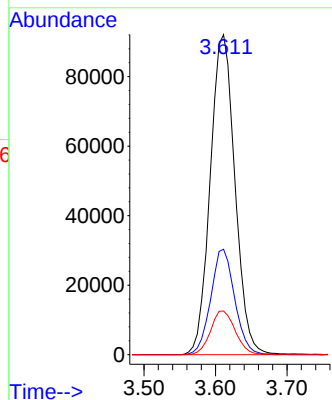
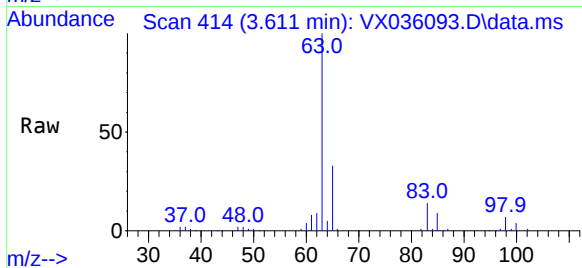
Tgt Ion: 63 Resp: 220842

Ion Ratio Lower Upper

63 100

65 32.9 22.6 42.0

83 13.7 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 46.940 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX036093.D

Acq: 09 Jun 2023 00:05

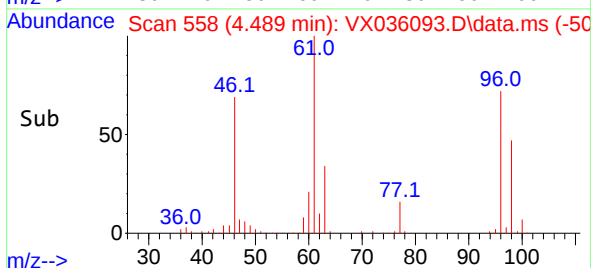
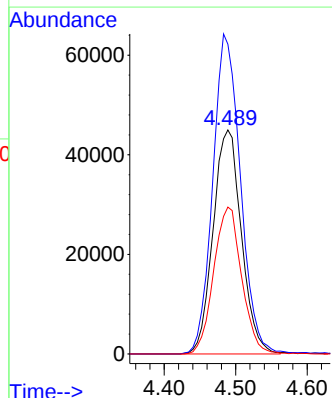
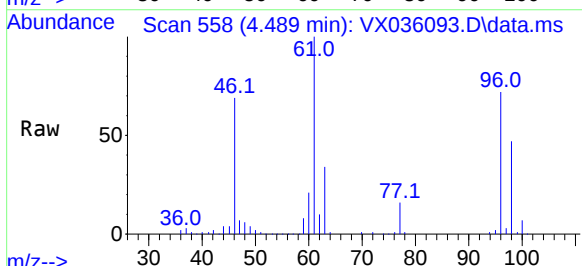
Tgt Ion: 96 Resp: 123639

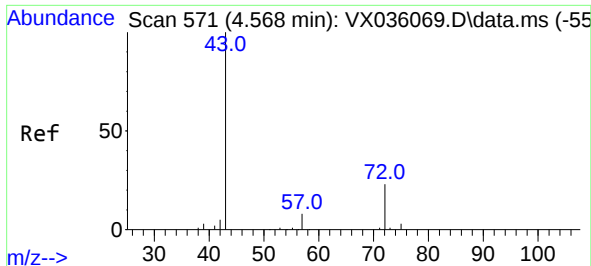
Ion Ratio Lower Upper

96 100

61 138.3 94.7 175.9

98 65.6 45.4 84.4

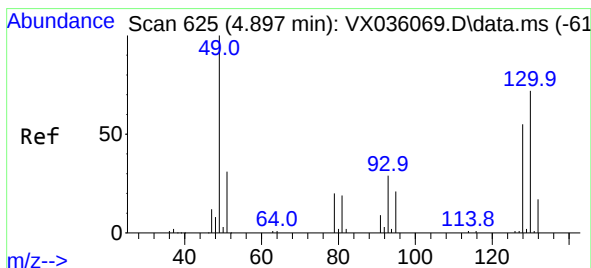
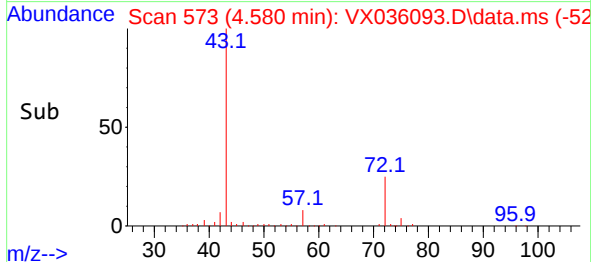
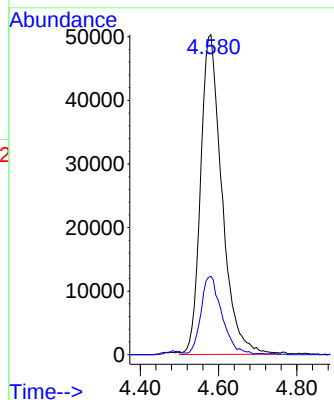
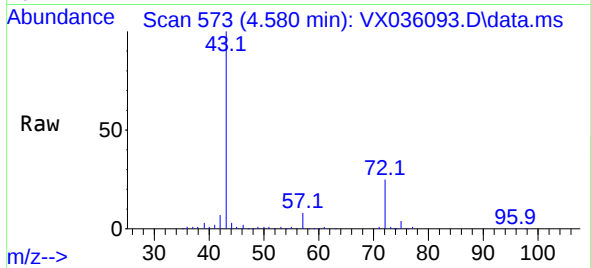




#22
2-Butanone
Concen: 83.956 ug/L
RT: 4.580 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

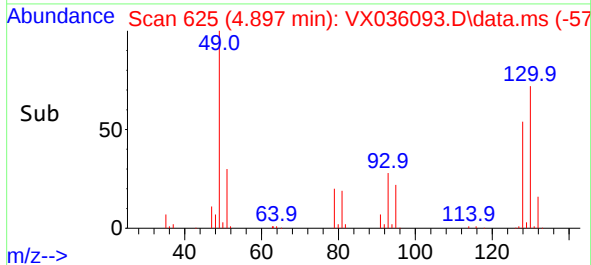
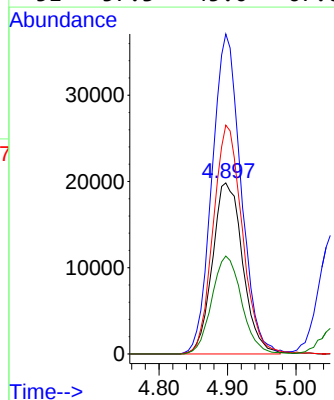
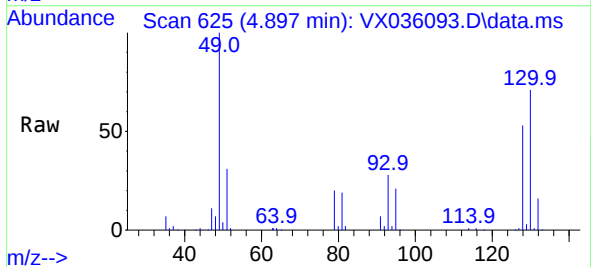
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

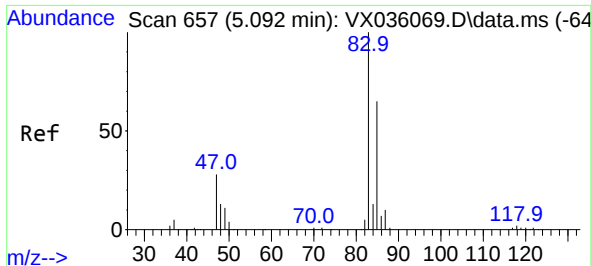
Tgt Ion: 43 Resp: 190249
Ion Ratio Lower Upper
43 100
72 23.9 12.0 36.1



#23
Bromochloromethane
Concen: 46.442 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

Tgt Ion: 128 Resp: 60714
Ion Ratio Lower Upper
128 100
49 187.1 123.9 230.1
130 133.8 88.3 164.1
51 57.3 45.0 67.6





#25

Chloroform

Concen: 49.077 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX036093.D

Acq: 09 Jun 2023 00:05

Instrument :

MSVOA_X

ClientSampleId :

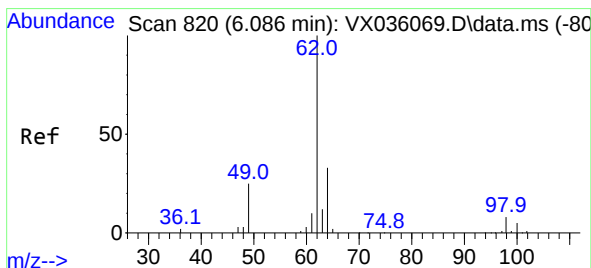
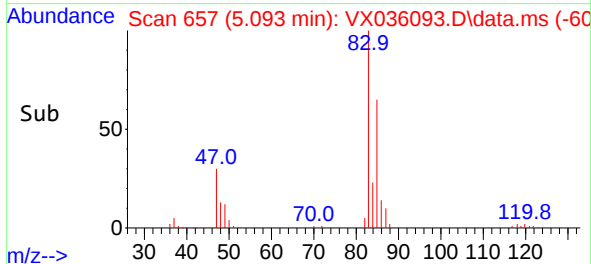
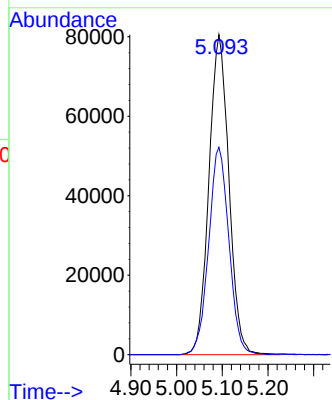
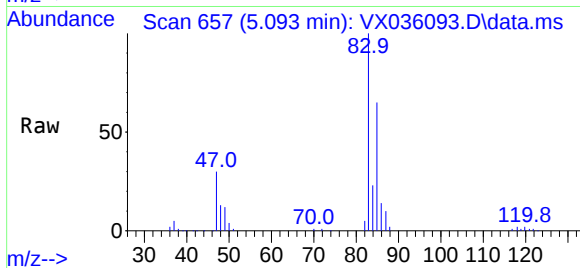
VSTD050691

Tgt Ion: 83 Resp: 244334

Ion Ratio Lower Upper

83 100

85 64.8 45.0 83.6



#27

1,2-Dichloroethane

Concen: 48.684 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX036093.D

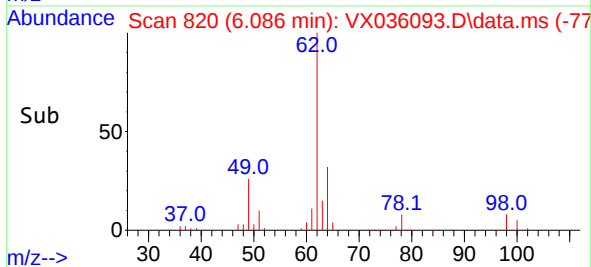
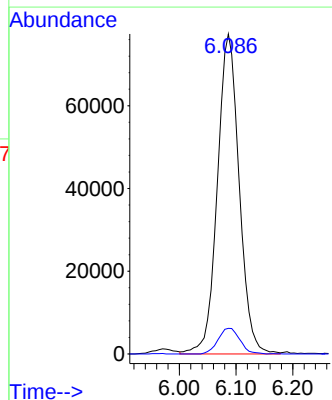
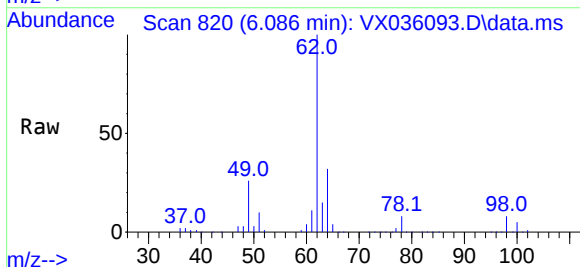
Acq: 09 Jun 2023 00:05

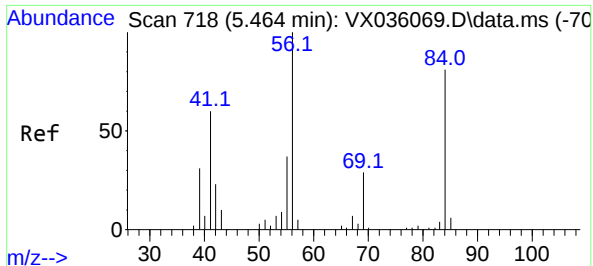
Tgt Ion: 62 Resp: 206807

Ion Ratio Lower Upper

62 100

98 8.0 6.4 9.6





#29

Cyclohexane

Concen: 46.830 ug/L

RT: 5.471 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX036093.D

Acq: 09 Jun 2023 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTD050691

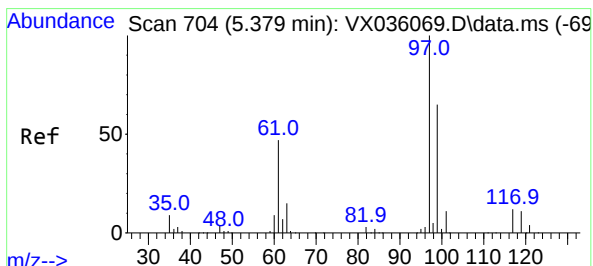
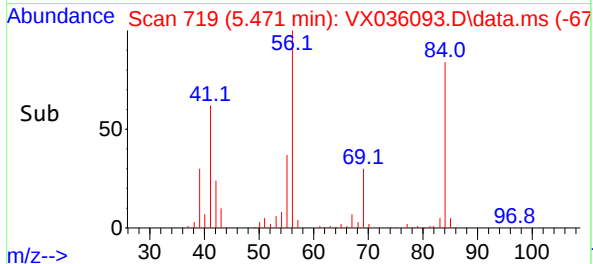
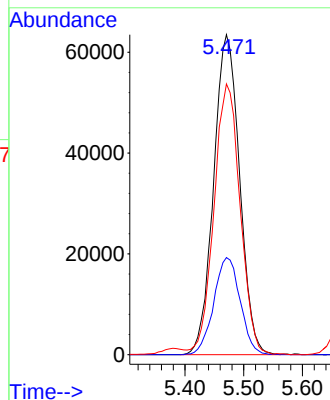
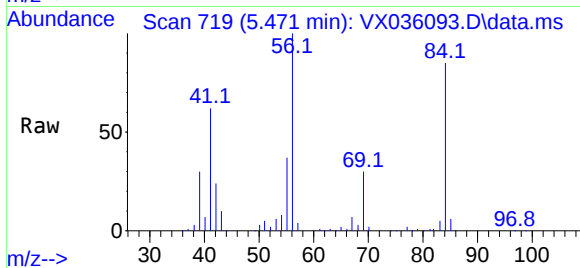
Tgt Ion: 56 Resp: 194866

Ion Ratio Lower Upper

56 100

69 30.8 24.3 36.5

84 85.1 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 48.012 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036093.D

Acq: 09 Jun 2023 00:05

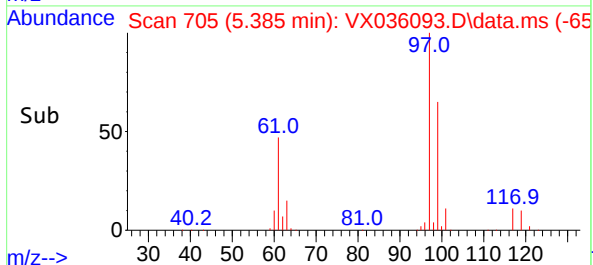
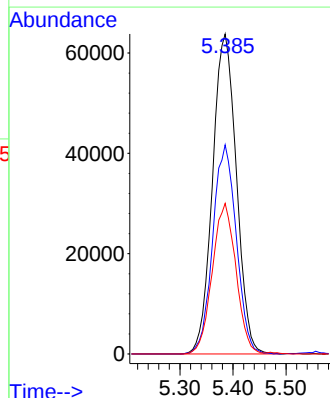
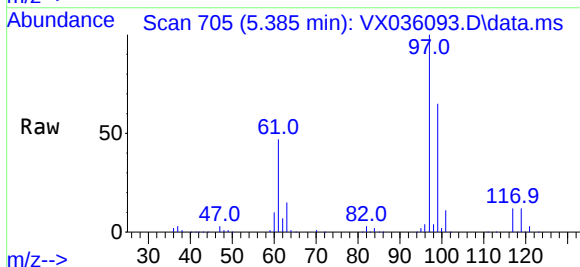
Tgt Ion: 97 Resp: 199332

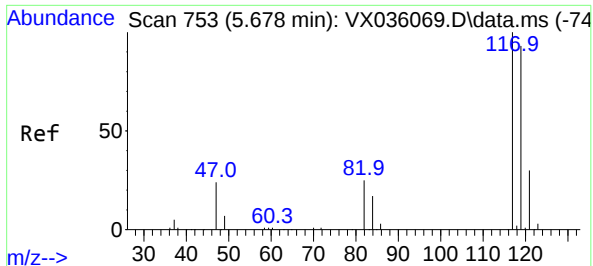
Ion Ratio Lower Upper

97 100

99 64.5 51.9 77.9

61 46.7 38.0 57.0

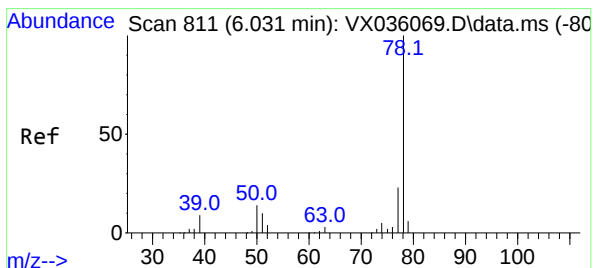
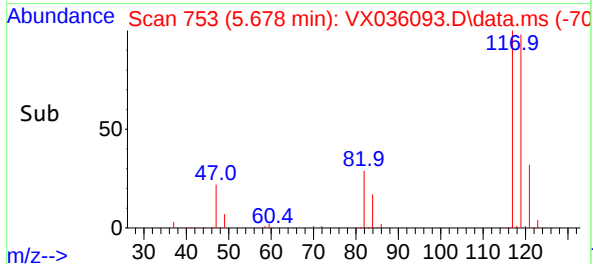
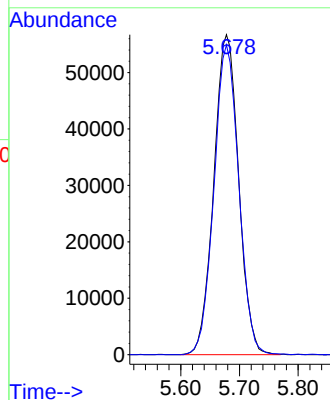
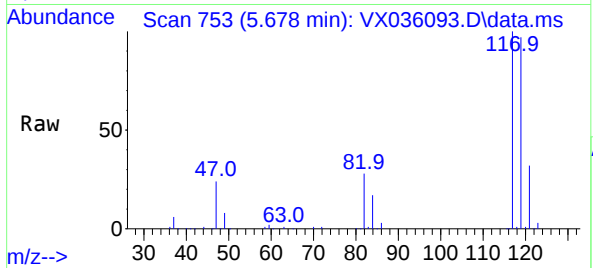




#31
Carbon tetrachloride
Concen: 48.273 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

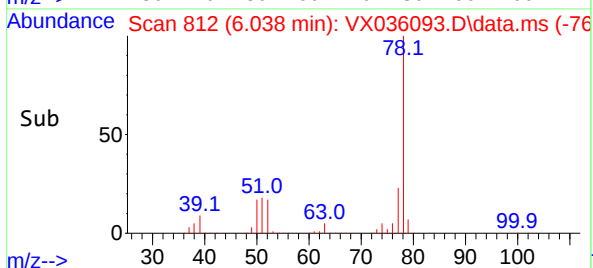
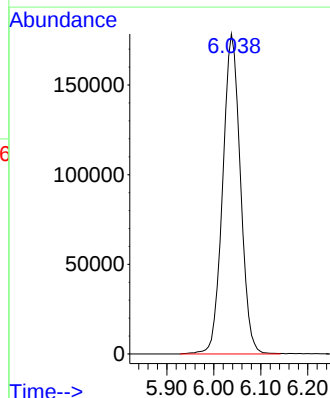
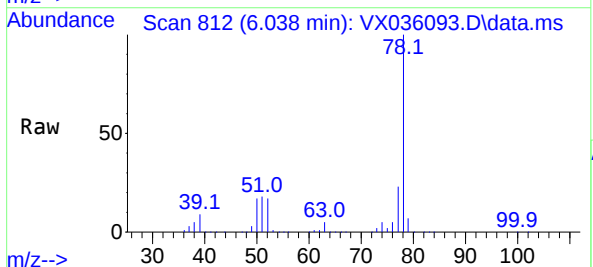
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

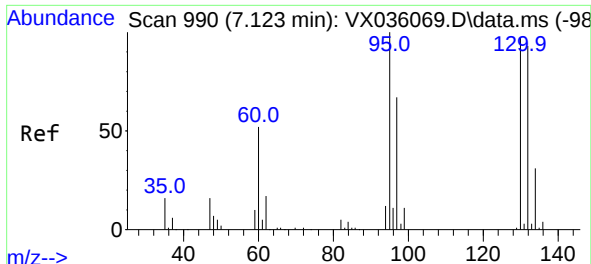
Tgt Ion:117 Resp: 166438
Ion Ratio Lower Upper
117 100
119 96.7 76.9 115.3



#33
Benzene
Concen: 47.041 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

Tgt Ion: 78 Resp: 469521

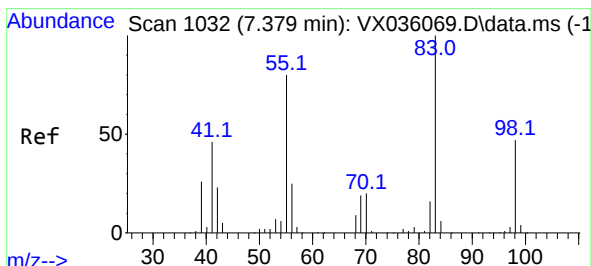
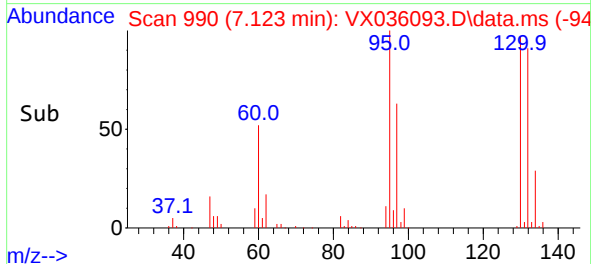
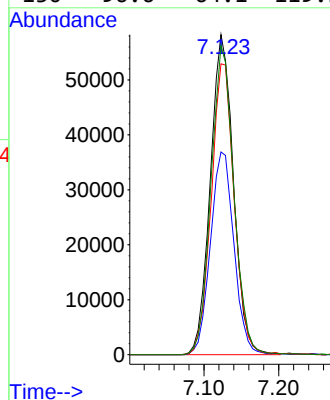
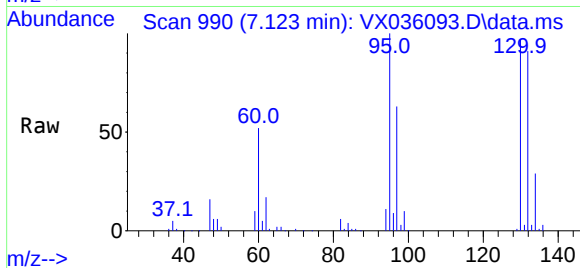




#34
Trichloroethene
Concen: 46.469 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

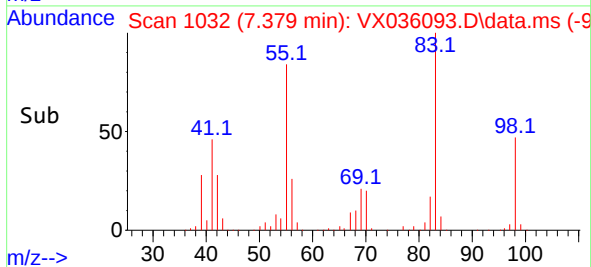
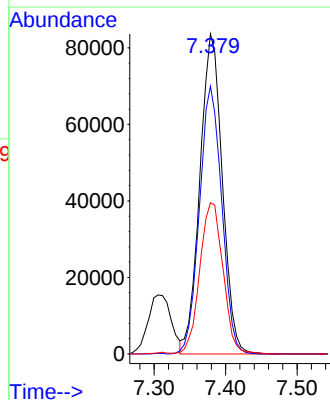
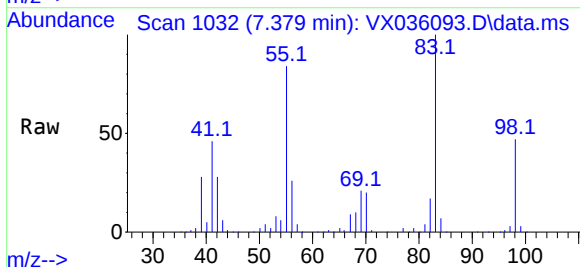
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

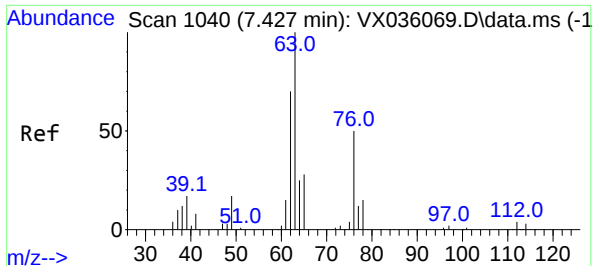
Tgt Ion: 95 Resp: 124918
Ion Ratio Lower Upper
95 100
97 63.4 43.6 81.0
132 90.9 59.9 111.3
130 96.6 64.1 119.1



#35
Methylcyclohexane
Concen: 46.195 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

Tgt Ion: 83 Resp: 182300
Ion Ratio Lower Upper
83 100
55 83.1 65.4 98.2
98 49.0 39.0 58.6

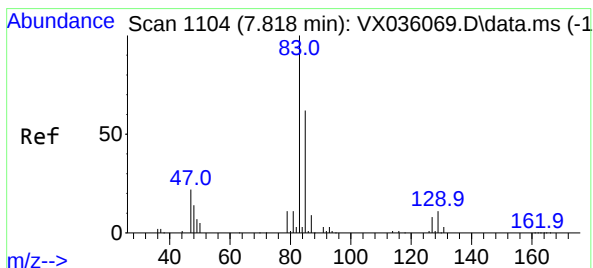
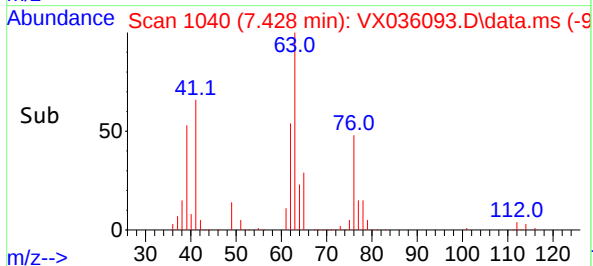
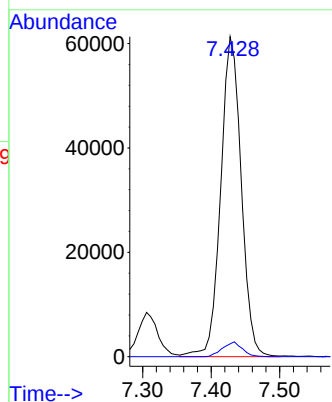
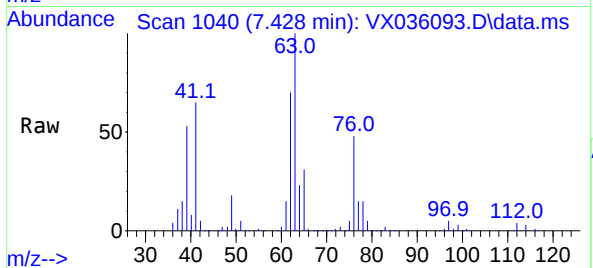




#37
1,2-Dichloropropane
Concen: 48.604 ug/L
RT: 7.428 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

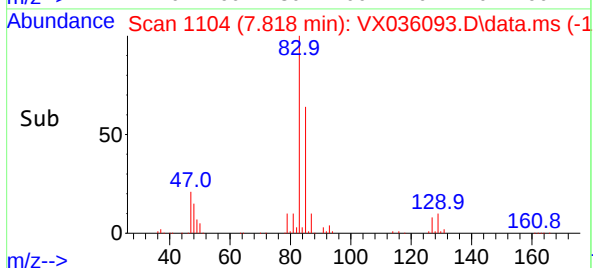
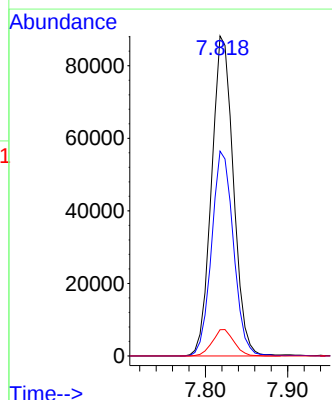
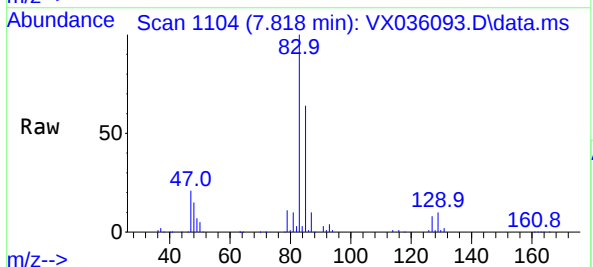
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

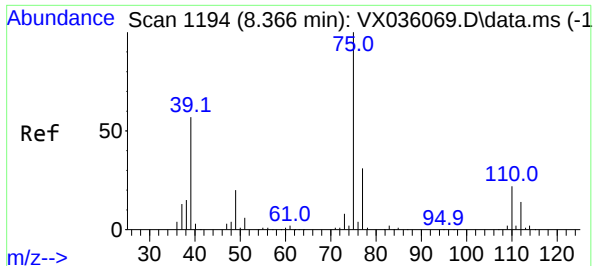
Tgt Ion: 63 Resp: 127322
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3



#38
Bromodichloromethane
Concen: 48.264 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

Tgt Ion: 83 Resp: 162999
Ion Ratio Lower Upper
83 100
85 64.0 45.3 84.1
127 8.2 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 47.513 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036093.D

Acq: 09 Jun 2023 00:05

Instrument :

MSVOA_X

ClientSampleId :

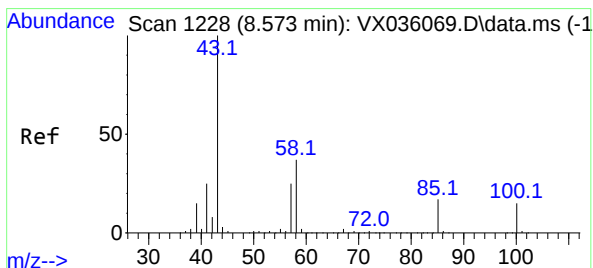
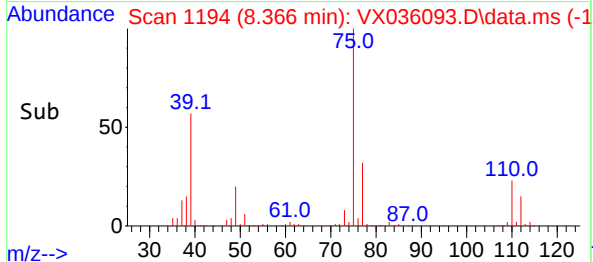
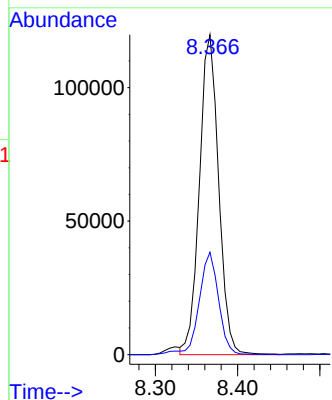
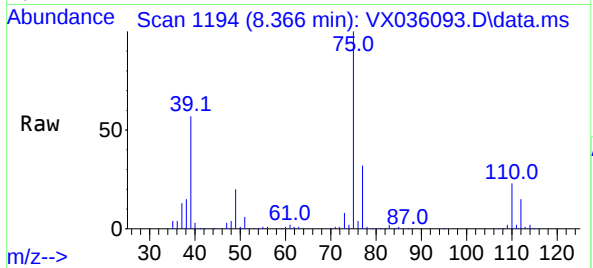
VSTD050691

Tgt Ion: 75 Resp: 194466

Ion Ratio Lower Upper

75 100

77 32.0 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 95.245 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036093.D

Acq: 09 Jun 2023 00:05

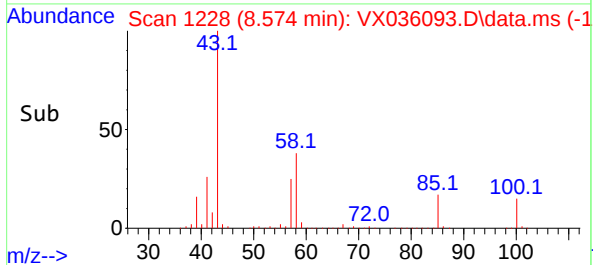
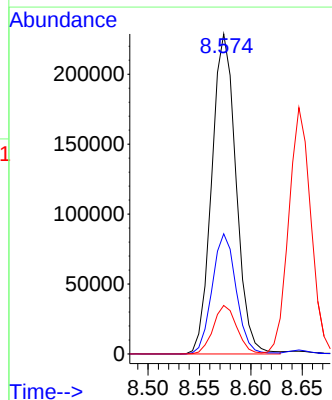
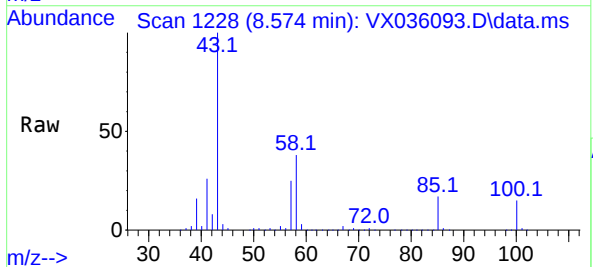
Tgt Ion: 43 Resp: 375765

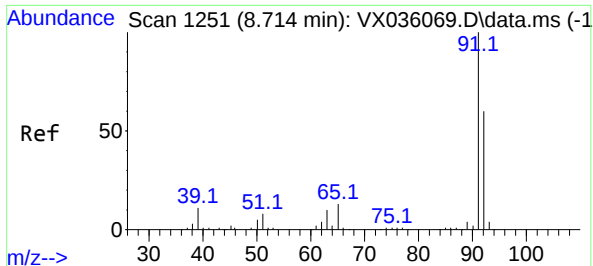
Ion Ratio Lower Upper

43 100

58 37.2 29.4 44.2

100 14.8 11.8 17.6





#42

Toluene

Concen: 47.945 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX036093.D

Acq: 09 Jun 2023 00:05

Instrument :

MSVOA_X

ClientSampleId :

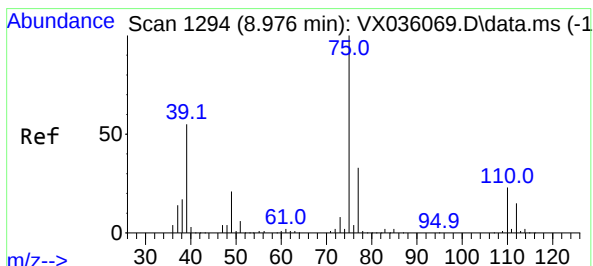
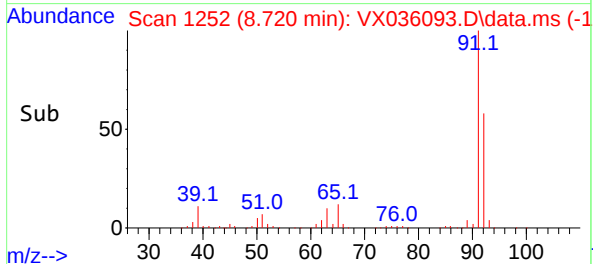
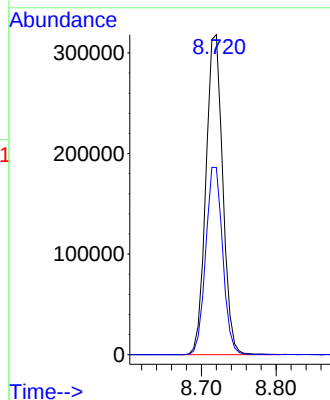
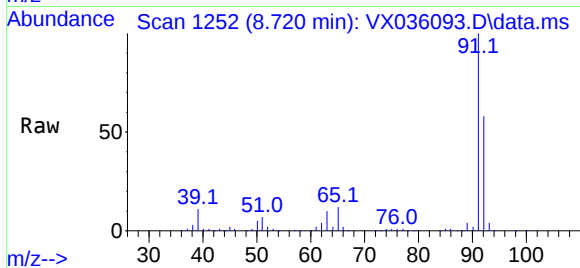
VSTD050691

Tgt Ion: 91 Resp: 497712

Ion Ratio Lower Upper

91 100

92 58.5 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 48.276 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX036093.D

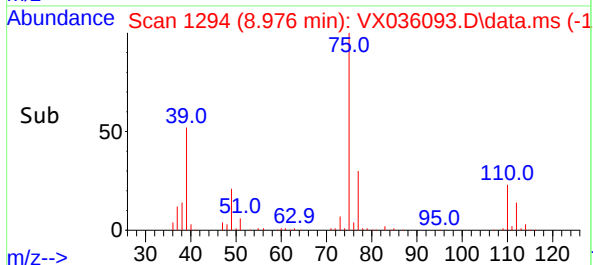
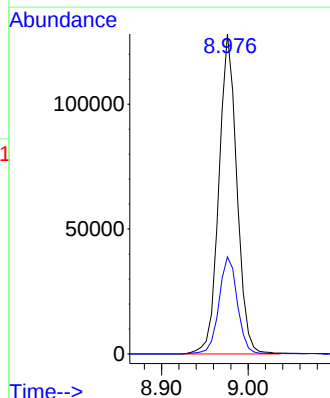
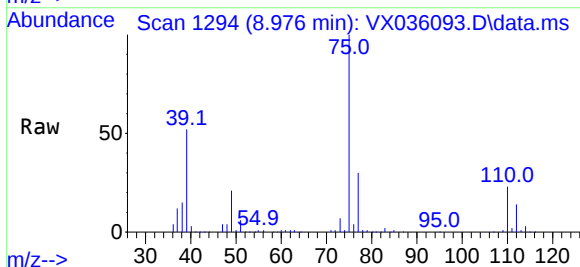
Acq: 09 Jun 2023 00:05

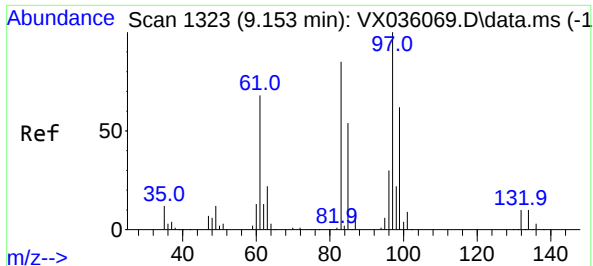
Tgt Ion: 75 Resp: 185023

Ion Ratio Lower Upper

75 100

77 30.4 22.0 41.0



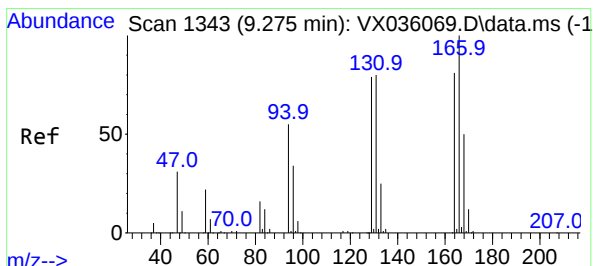
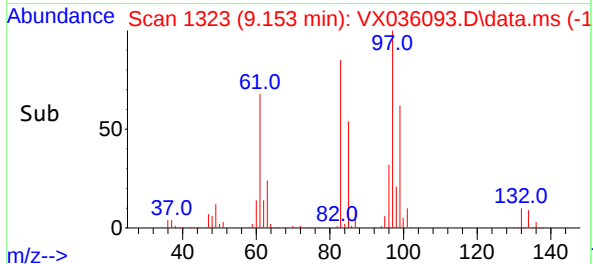
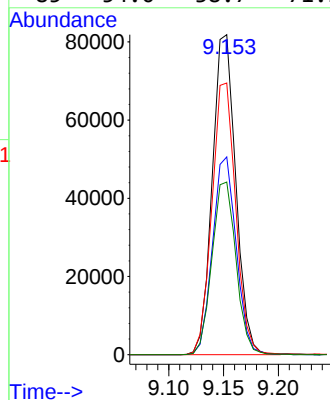
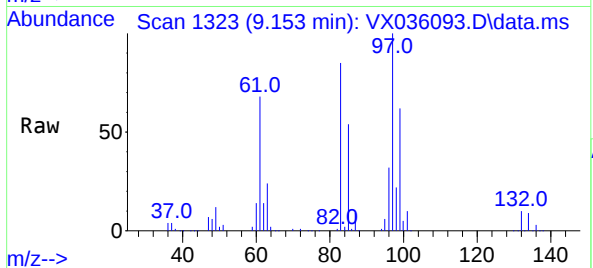


#45
1,1,2-Trichloroethane
Concen: 47.654 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

Tgt Ion: 97 Resp: 122176

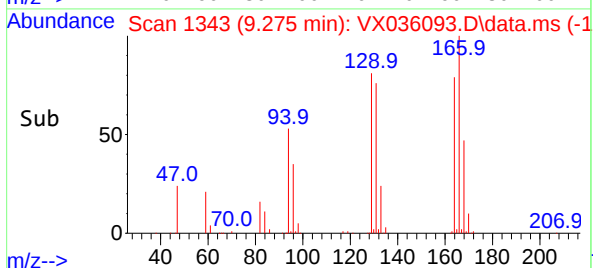
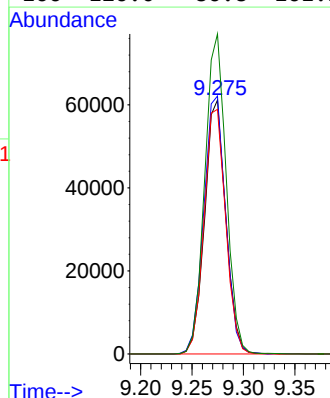
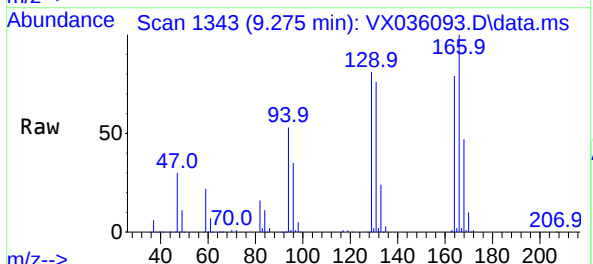
Ion	Ratio	Lower	Upper
97	100		
99	61.8	42.9	79.7
83	84.9	61.0	113.2
85	54.0	38.7	71.9

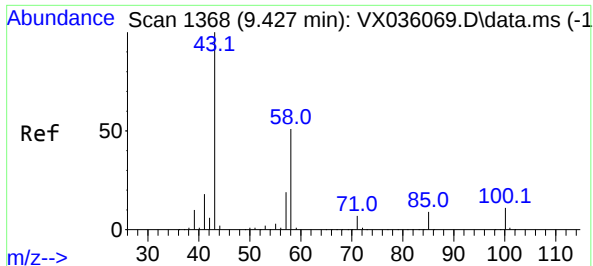


#46
Tetrachloroethene
Concen: 46.498 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

Tgt Ion: 164 Resp: 87410

Ion	Ratio	Lower	Upper
164	100		
129	101.6	74.8	139.0
131	96.3	68.9	127.9
166	126.0	86.8	161.2





#48

2-Hexanone

Concen: 90.949 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX036093.D

Acq: 09 Jun 2023 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTD050691

Tgt Ion: 43 Resp: 283129

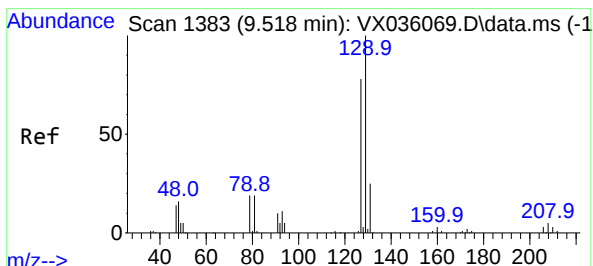
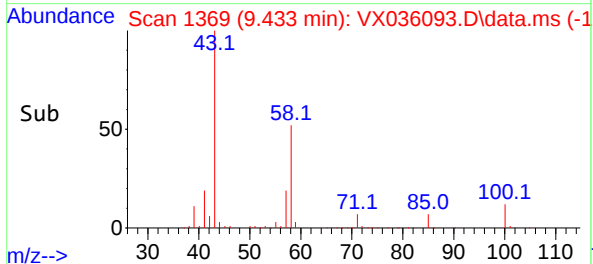
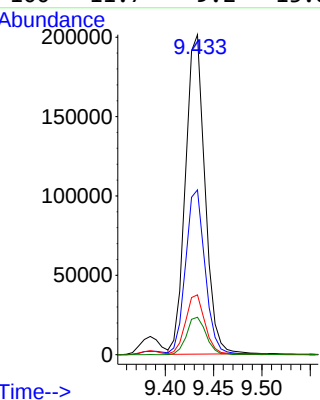
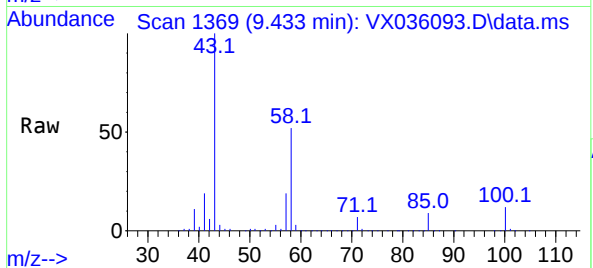
Ion Ratio Lower Upper

43 100

58 51.9 41.0 61.6

57 19.0 15.2 22.8

100 11.7 9.2 13.8



#49

Dibromochloromethane

Concen: 47.907 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX036093.D

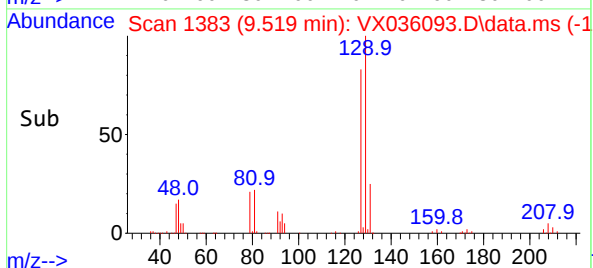
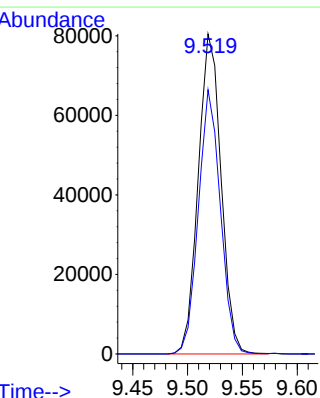
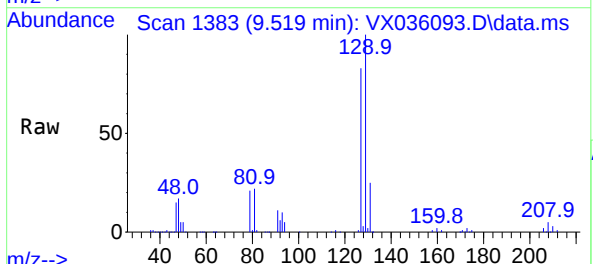
Acq: 09 Jun 2023 00:05

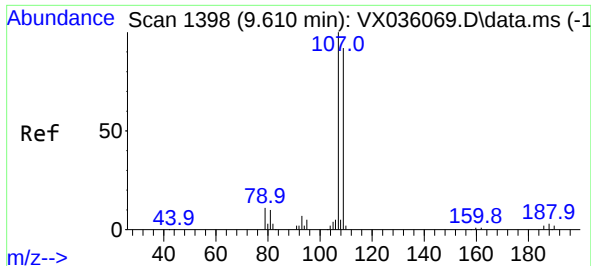
Tgt Ion: 129 Resp: 116535

Ion Ratio Lower Upper

129 100

127 82.6 53.3 98.9

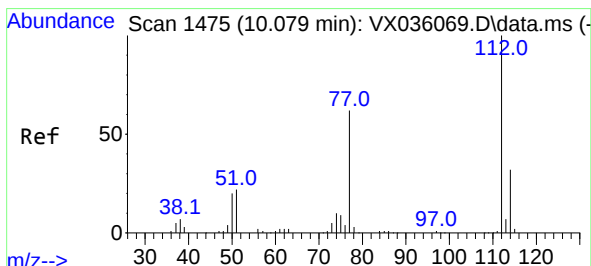
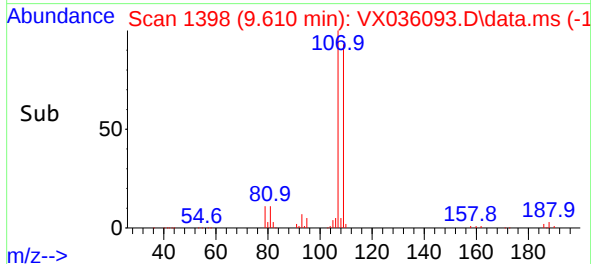
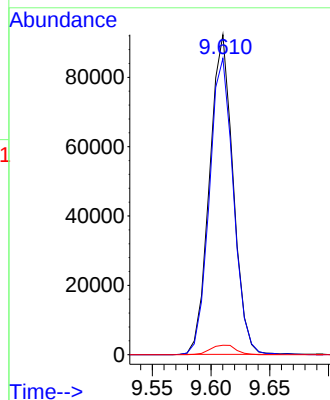
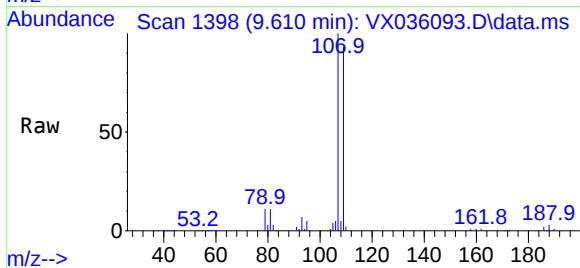




#50
1,2-Dibromoethane
Concen: 47.388 ug/L
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

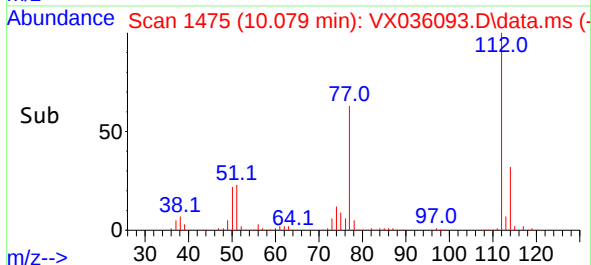
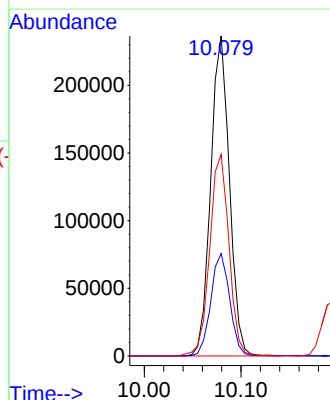
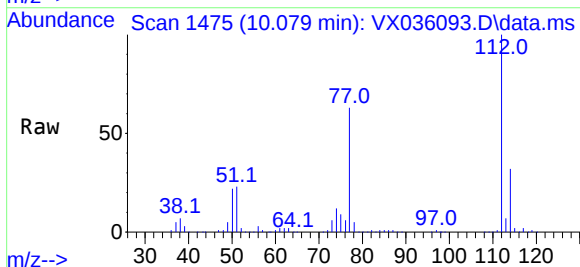
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

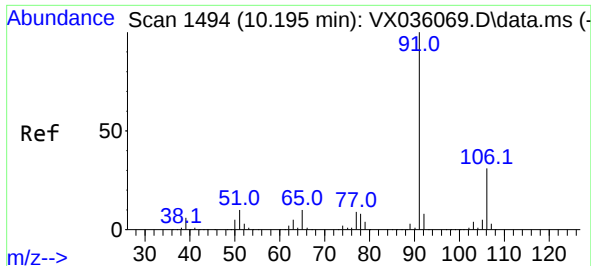
Tgt Ion:107 Resp: 128375
Ion Ratio Lower Upper
107 100
109 92.6 66.1 122.8
188 3.0 2.9 4.3



#51
Chlorobenzene
Concen: 46.546 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

Tgt Ion:112 Resp: 317896
Ion Ratio Lower Upper
112 100
114 32.0 22.7 42.3
77 63.0 50.6 75.8

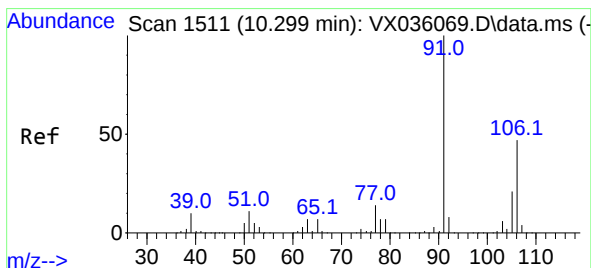
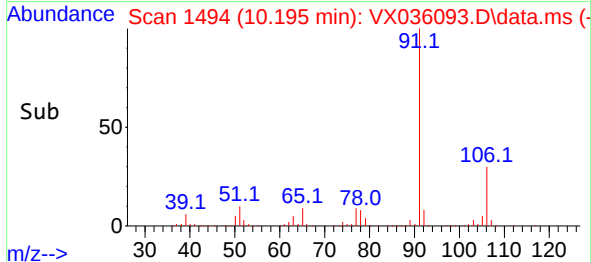
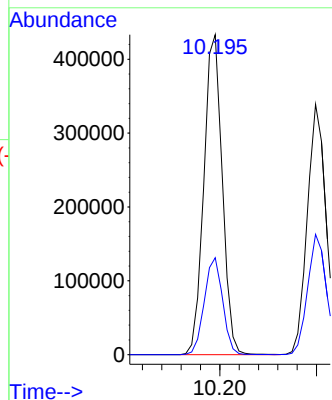
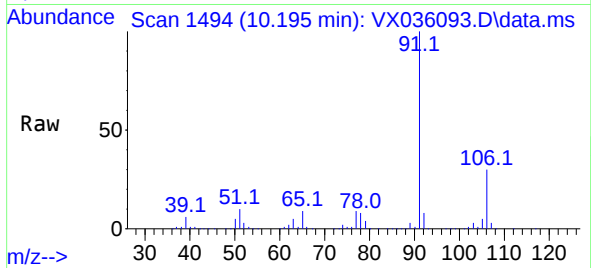




#52
Ethylbenzene
Concen: 47.982 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

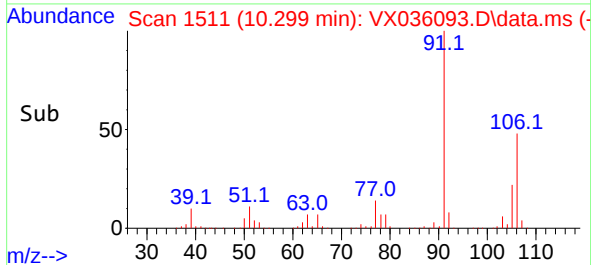
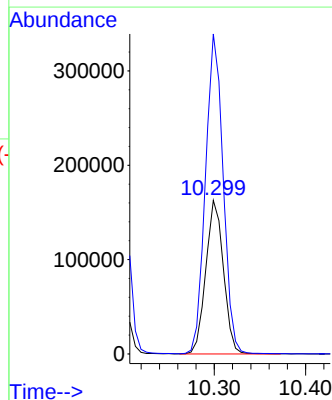
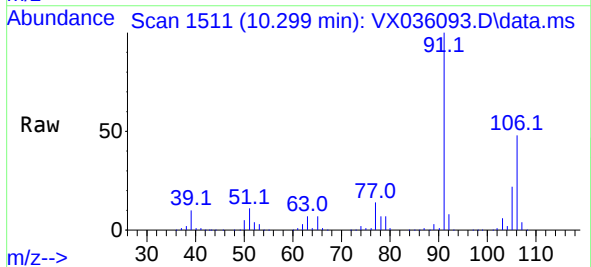
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

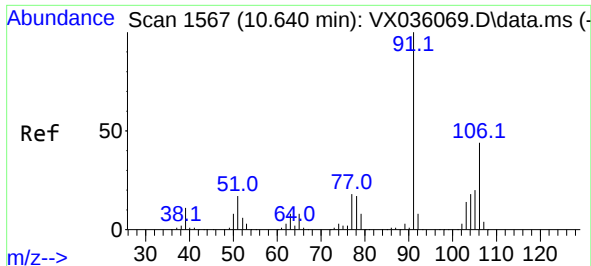
Tgt Ion: 91 Resp: 573677
Ion Ratio Lower Upper
91 100
106 30.3 20.8 38.6



#53
m,p-Xylene
Concen: 48.061 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

Tgt Ion: 106 Resp: 217921
Ion Ratio Lower Upper
106 100
91 208.3 149.8 278.2

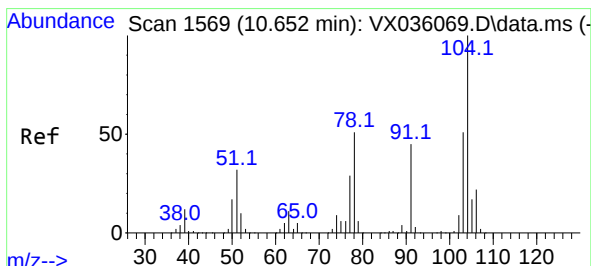
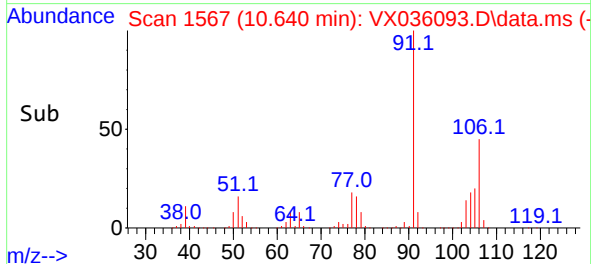
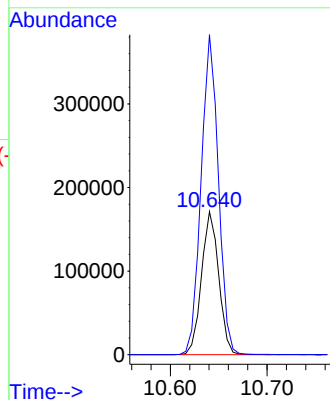
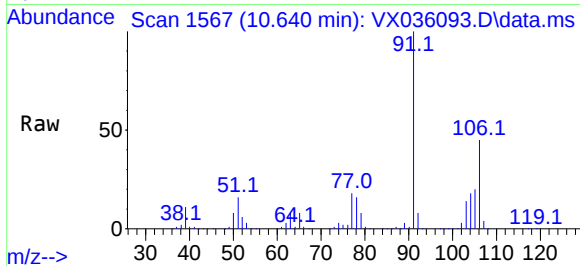




#54
o-Xylene
Concen: 47.837 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

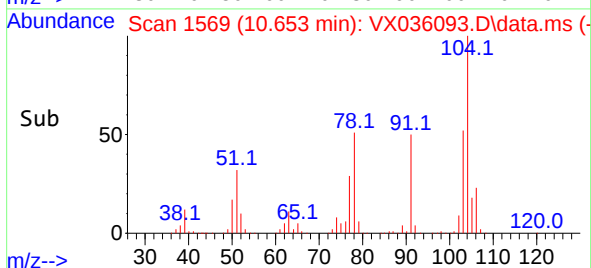
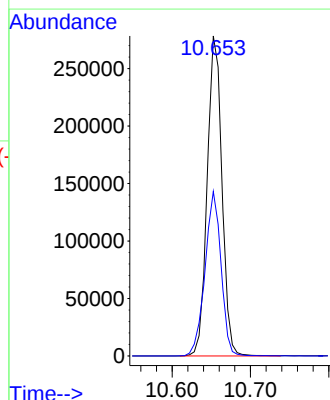
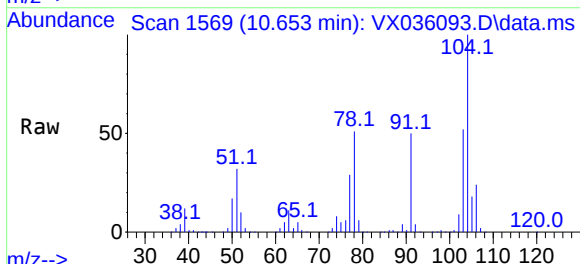
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

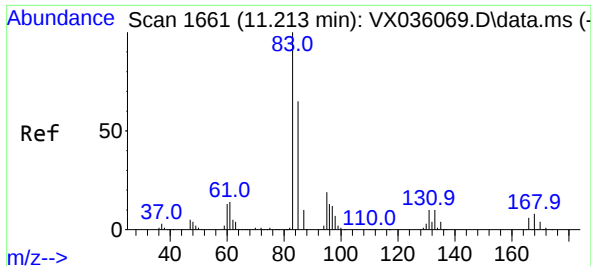
Tgt Ion:106 Resp: 212008
Ion Ratio Lower Upper
106 100
91 223.6 156.9 291.5



#55
Styrene
Concen: 48.228 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

Tgt Ion:104 Resp: 363262
Ion Ratio Lower Upper
104 100
78 51.4 36.1 67.1

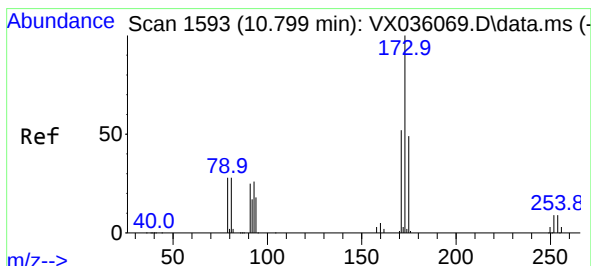
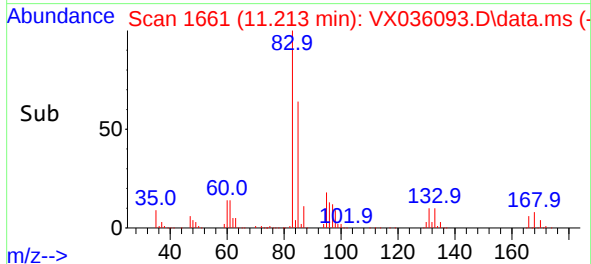
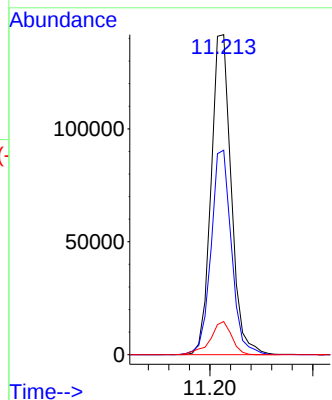
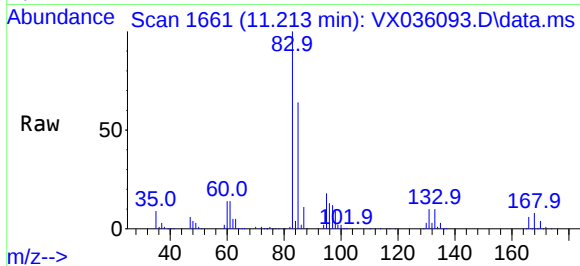




#57
1,1,2,2-Tetrachloroethane
Concen: 47.747 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

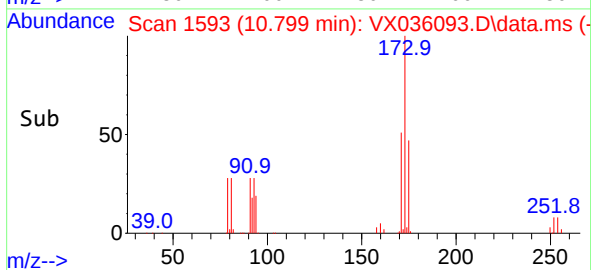
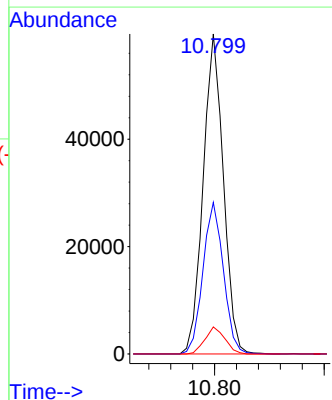
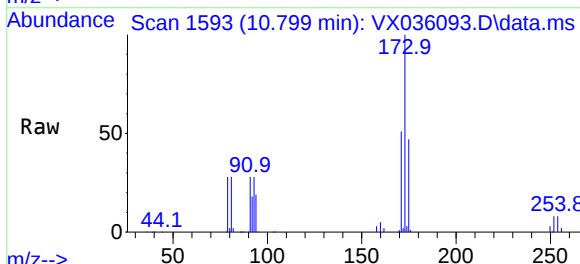
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

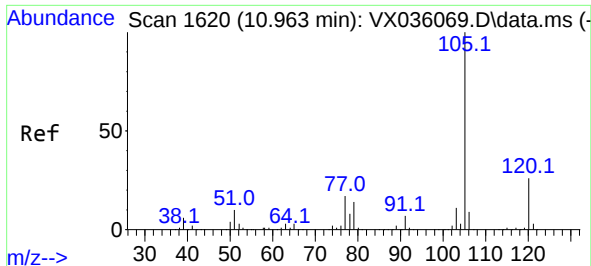
Tgt Ion: 83 Resp: 192409
Ion Ratio Lower Upper
83 100
85 63.9 45.6 84.8
131 10.3 8.1 12.1



#59
Bromoform
Concen: 48.409 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

Tgt Ion:173 Resp: 76290
Ion Ratio Lower Upper
173 100
175 48.0 38.2 57.2
254 8.3 6.6 10.0

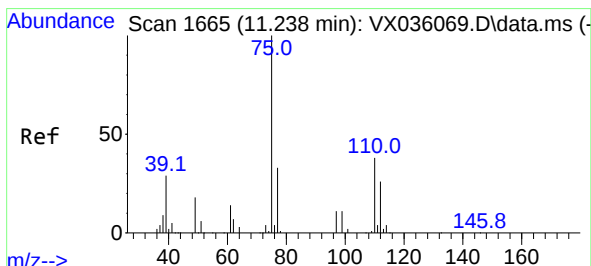
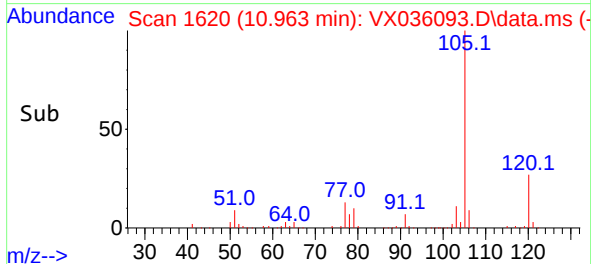
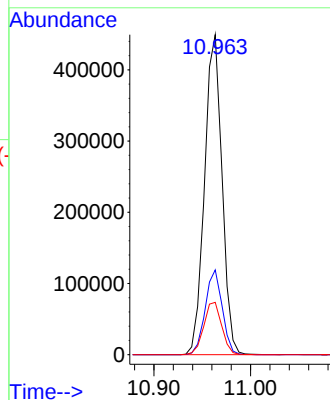
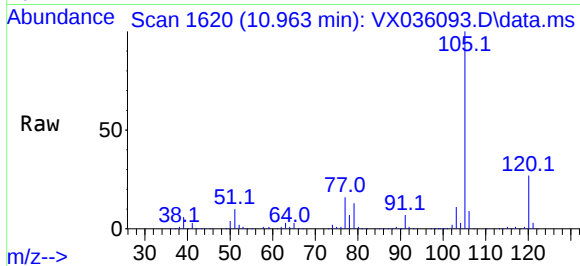




#60
Isopropylbenzene
Concen: 49.068 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

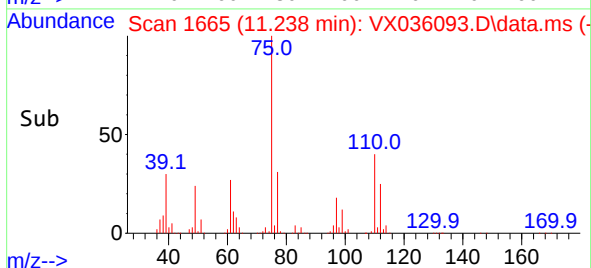
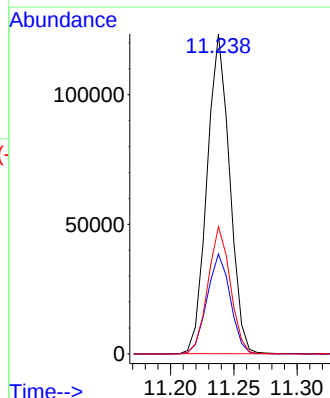
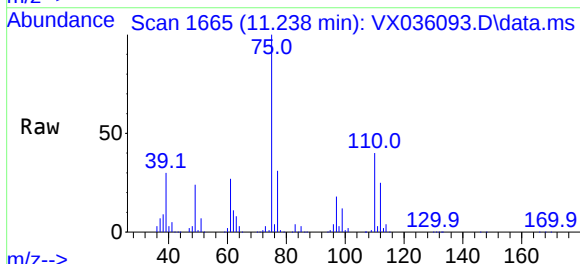
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

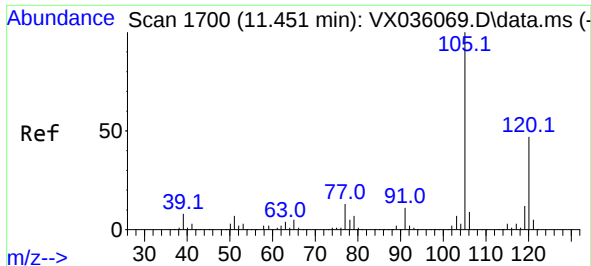
Tgt Ion:105 Resp: 566207
Ion Ratio Lower Upper
105 100
120 25.8 20.9 31.3
77 16.9 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 47.614 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

Tgt Ion: 75 Resp: 153484
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8
110 39.5 31.8 47.6

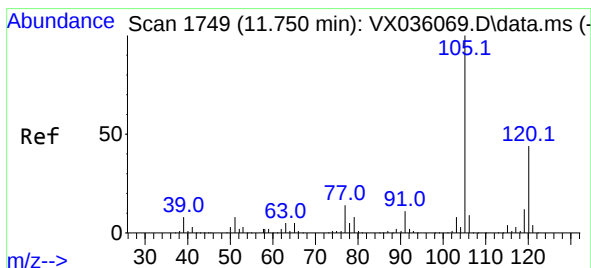
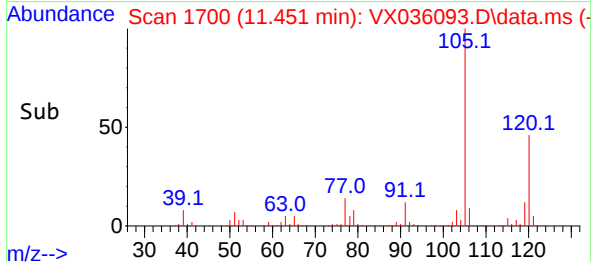
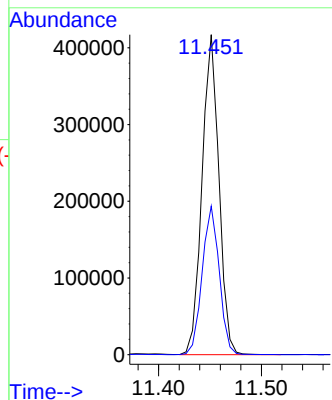
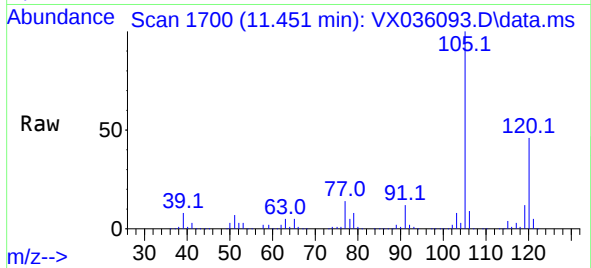




#62
1,3,5-Trimethylbenzene
Concen: 49.698 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

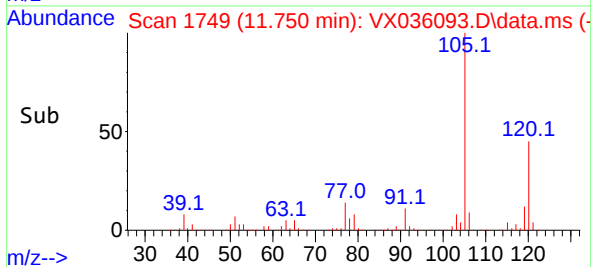
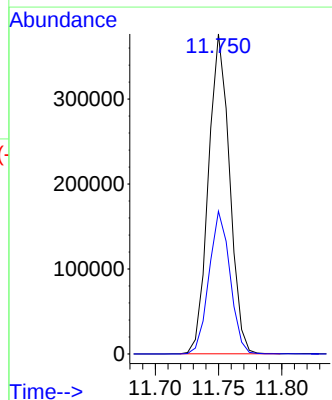
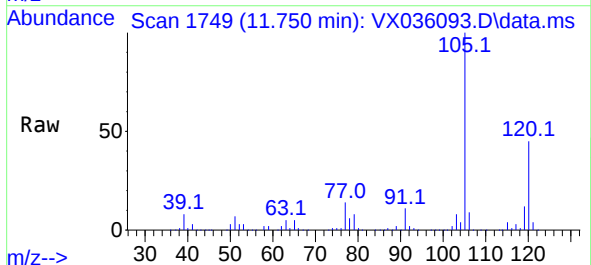
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

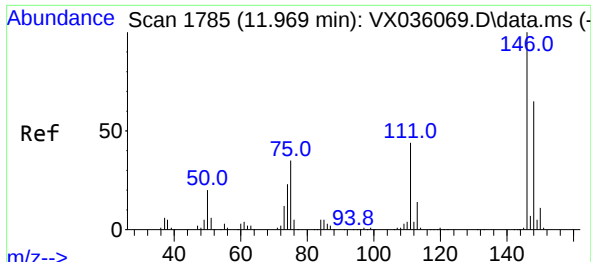
Tgt Ion:105 Resp: 476981
Ion Ratio Lower Upper
105 100
120 46.8 37.0 55.4



#63
1,2,4-Trimethylbenzene
Concen: 49.291 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

Tgt Ion:105 Resp: 437772
Ion Ratio Lower Upper
105 100
120 44.2 35.0 52.6

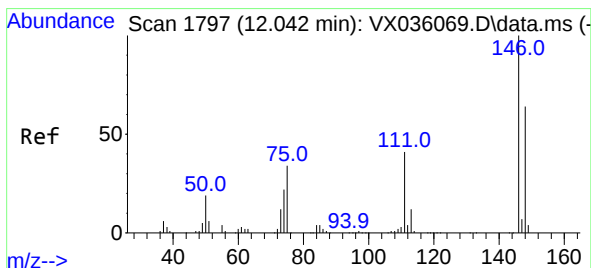
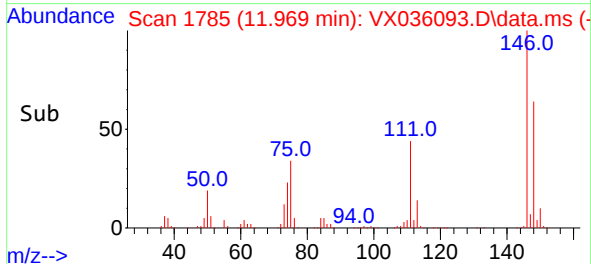
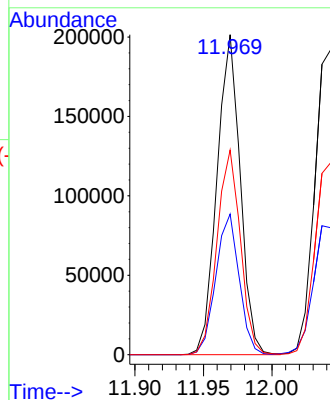
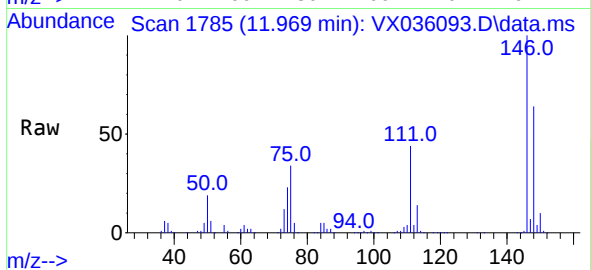




#64
1,3-Dichlorobenzene
Concen: 47.555 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

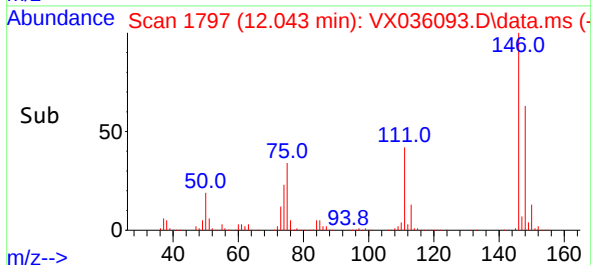
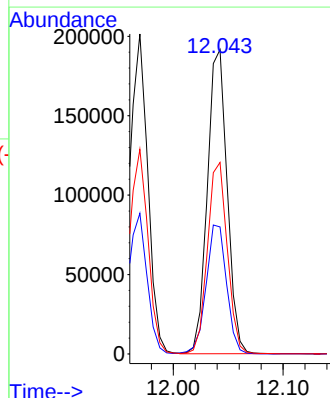
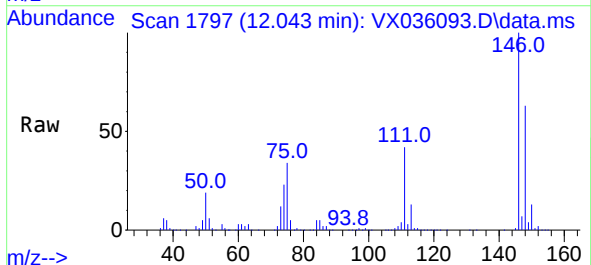
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

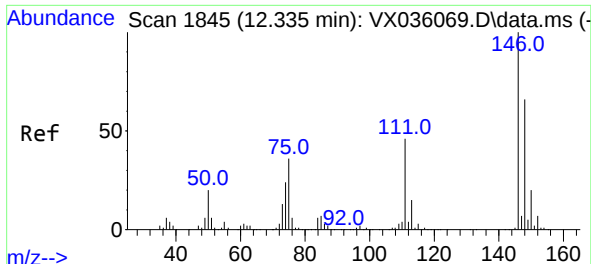
Tgt Ion:146 Resp: 237630
Ion Ratio Lower Upper
146 100
111 43.9 30.9 57.3
148 63.9 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 47.035 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

Tgt Ion:146 Resp: 240409
Ion Ratio Lower Upper
146 100
111 41.7 28.8 53.4
148 62.9 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 48.191 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036093.D

Acq: 09 Jun 2023 00:05

Instrument :

MSVOA_X

ClientSampleId :

VSTD050691

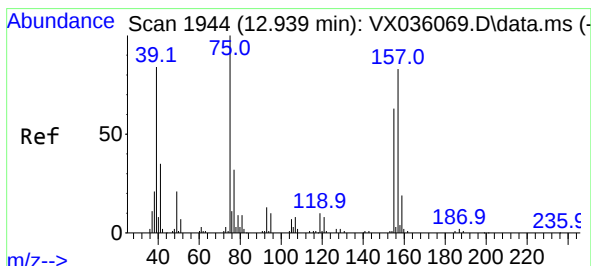
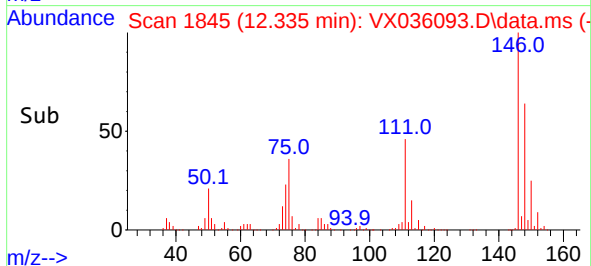
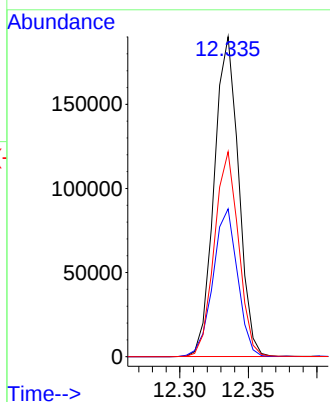
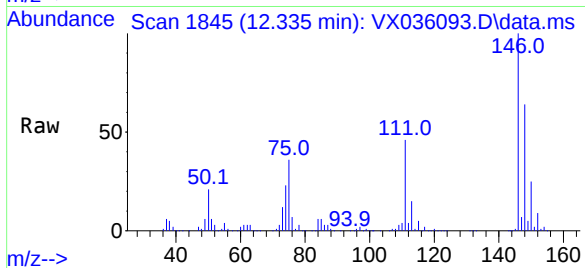
Tgt Ion:146 Resp: 235239

Ion Ratio Lower Upper

146 100

111 46.2 37.0 55.4

148 64.1 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 47.779 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX036093.D

Acq: 09 Jun 2023 00:05

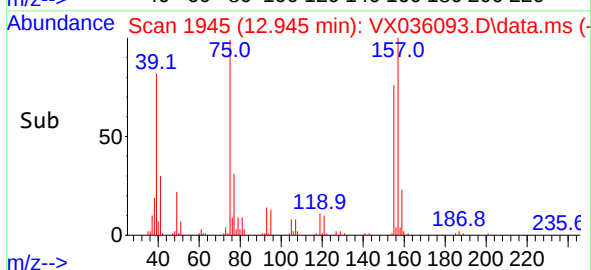
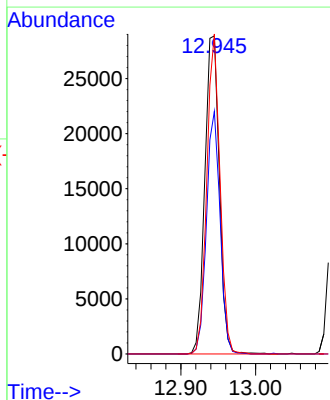
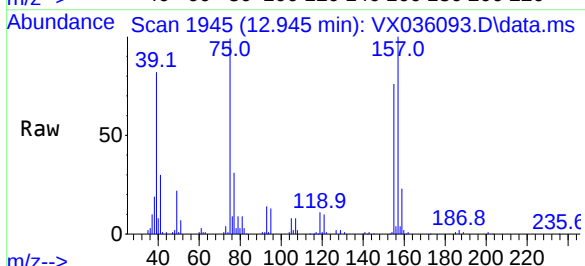
Tgt Ion: 75 Resp: 38896

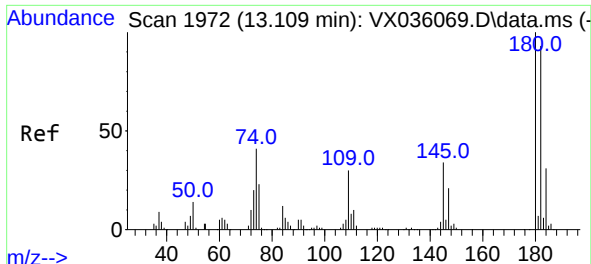
Ion Ratio Lower Upper

75 100

155 76.3 57.0 85.6

157 100.6 75.2 112.8

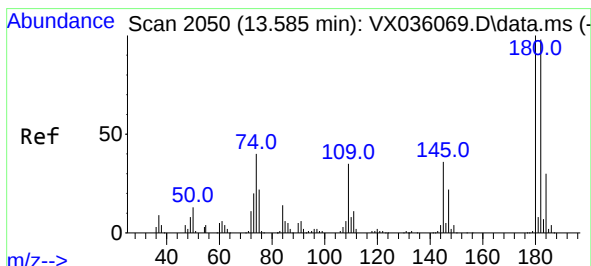
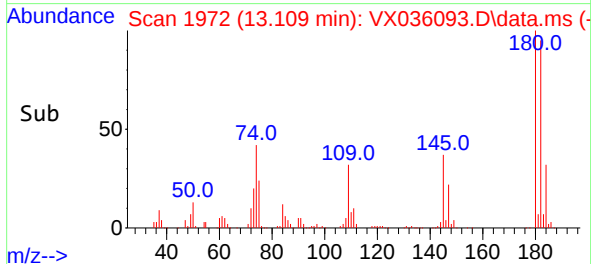
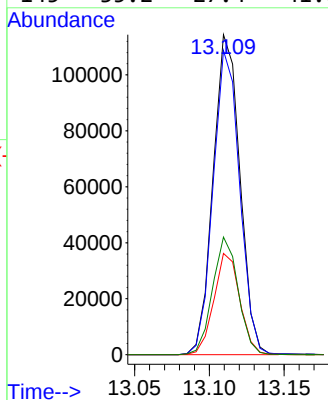
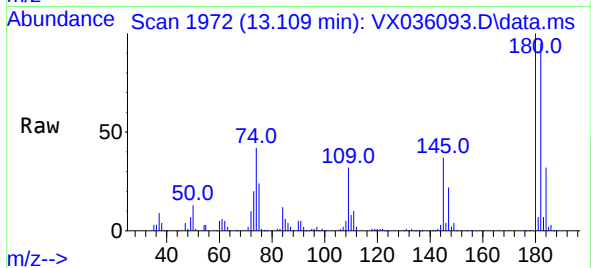




#69
1,3,5-Trichlorobenzene
Concen: 46.500 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

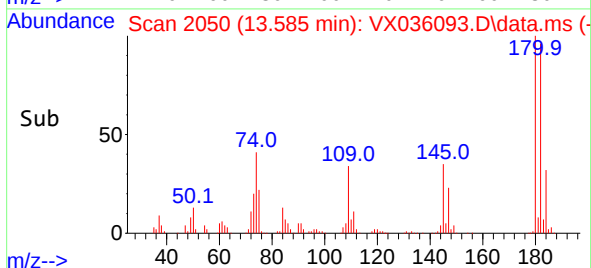
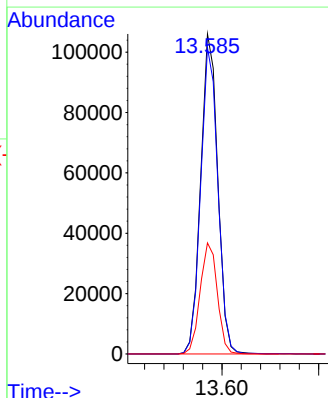
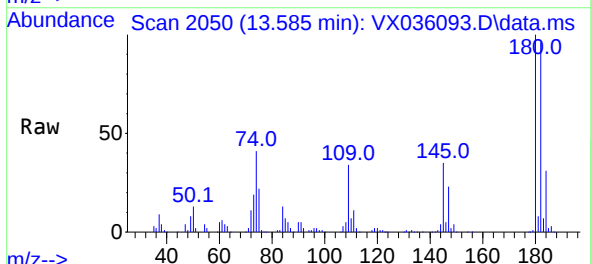
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

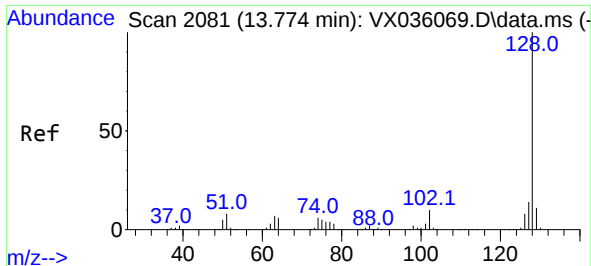
Tgt Ion:180 Resp: 142220
Ion Ratio Lower Upper
180 100
182 94.4 76.0 114.0
184 30.7 23.8 35.8
145 35.2 27.4 41.0



#70
1,2,4-trichlorobenzene
Concen: 46.660 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

Tgt Ion:180 Resp: 130361
Ion Ratio Lower Upper
180 100
182 96.3 74.6 112.0
145 34.9 28.6 42.8



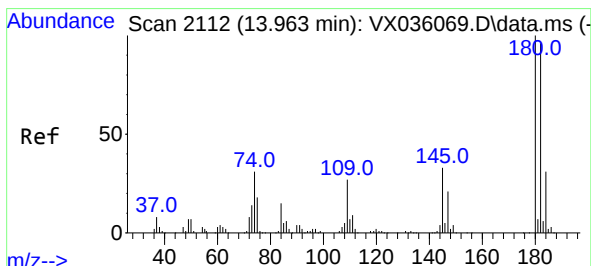
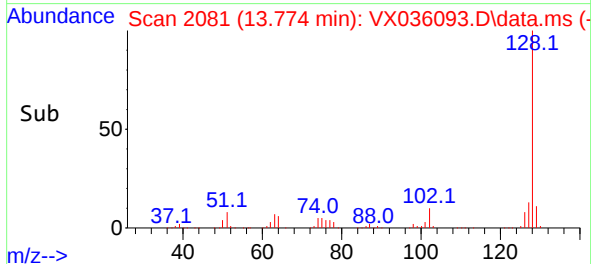
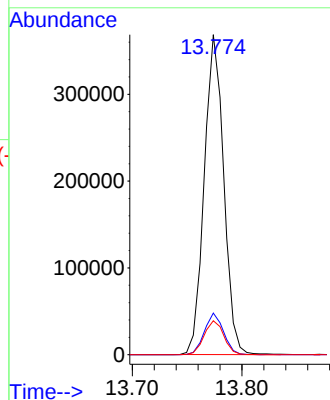
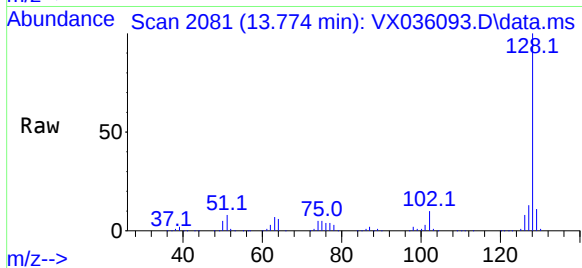


#71
Naphthalene
Concen: 49.482 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

Tgt Ion:128 Resp: 454676

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 46.752 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX036093.D
Acq: 09 Jun 2023 00:05

Tgt Ion:180 Resp: 129882

Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.4	113.2
145	37.9	29.4	44.0

