

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036046.D
 Acq On : 06 Jun 2023 20:28
 Operator : JC/MD
 Sample : 02992-02MS 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C08MS

Quant Time: Jun 07 05:58:58 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	292203	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	267574	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	135070	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	93828	47.262	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.520%
7) Chloroethane-d5	1.672	69	78170	51.341	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.680%
11) 1,1-Dichloroethene-d2	2.306	65	47890	47.578	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.160%
21) 2-Butanone-d5	4.471	46	185577	114.043	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.040%
24) Chloroform-d	5.056	84	212350	51.295	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.952	65	154339	51.093	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.180%
32) Benzene-d6	5.970	84	416544	51.750	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.500%
36) 1,2-Dichloropropane-d6	7.306	67	133375	53.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.620%
41) Toluene-d8	8.647	98	374369	50.533	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.060%
43) trans-1,3-Dichloroprop...	8.952	79	60707	50.549	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.100%
47) 2-Hexanone-d5	9.384	63	132299	118.754	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.750%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	189932	55.579	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.160%
66) 1,2-Dichlorobenzene-d4	12.317	152	137015	52.248	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	117229	42.126	ug/L	99
3) Chloromethane	1.294	50	129877	49.534	ug/L	97
5) Vinyl chloride	1.374	62	113822	46.834	ug/L	98
6) Bromomethane	1.618	94	69060	48.775	ug/L	97
8) Chloroethane	1.691	64	69899	48.487	ug/L	99
9) Trichlorofluoromethane	1.886	101	146784	42.938	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	92072	41.266	ug/L	99
12) 1,1-Dichloroethene	2.319	96	88359	45.506	ug/L	98
13) Acetone	2.404	43	127736	74.295	ug/L	98
14) Carbon disulfide	2.514	76	226465	42.500	ug/L	100
15) Methyl Acetate	2.709	43	138915	52.221	ug/L	98
16) Methylene chloride	2.788	84	112703	50.548	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	95796	46.049	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	387320	52.328	ug/L #	95
19) 1,1-Dichloroethane	3.611	63	205022	49.433	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	210039	87.996	ug/L	98
22) 2-Butanone	4.574	43	193280	94.122	ug/L	97
23) Bromochloromethane	4.897	128	60393	50.978	ug/L	97
25) Chloroform	5.093	83	225848	50.059	ug/L	99

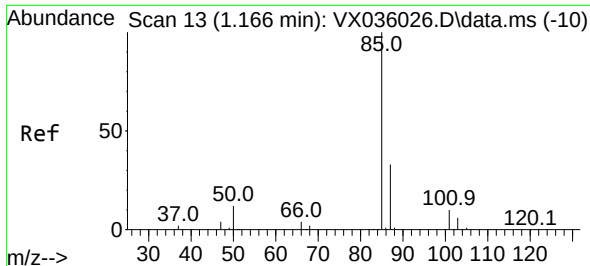
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036046.D
 Acq On : 06 Jun 2023 20:28
 Operator : JC/MD
 Sample : 02992-02MS 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C08MS

Quant Time: Jun 07 05:58:58 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)
27) 1,2-Dichloroethane	6.086	62	193023	50.142	ug/L	97
29) Cyclohexane	5.471	56	319172	85.880	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	170743	46.046	ug/L	97
31) Carbon tetrachloride	5.678	117	133891	43.480	ug/L	100
33) Benzene	6.038	78	747767	83.882	ug/L	100
34) Trichloroethene	7.123	95	247950	103.272	ug/L	94
35) Methylcyclohexane	7.379	83	224763	63.770	ug/L	99
37) 1,2-Dichloropropane	7.428	63	117928	50.404	ug/L	99
38) Bromodichloromethane	7.818	83	148008	49.069	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	182151	49.829	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	389553	110.554	ug/L	98
42) Toluene	8.720	91	447962	48.315	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	169101	49.401	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	118613	51.800	ug/L	97
46) Tetrachloroethene	9.275	164	96794	57.651	ug/L	96
48) 2-Hexanone	9.433	43	295759	106.373	ug/L	100
49) Dibromochloromethane	9.519	129	108902	50.126	ug/L	98
50) 1,2-Dibromoethane	9.610	107	125171	51.733	ug/L	99
51) Chlorobenzene	10.079	112	288883	47.359	ug/L	96
52) Ethylbenzene	10.195	91	570797	53.453	ug/L	97
53) m,p-Xylene	10.299	106	271900	67.141	ug/L	100
54) o-Xylene	10.640	106	195659	49.430	ug/L	99
55) Styrene	10.653	104	311751	46.342	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	191555	53.223	ug/L	99
59) Bromoform	10.799	173	71412	50.568	ug/L	100
60) Isopropylbenzene	10.963	105	489708	47.360	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	153435	53.119	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	425487	49.474	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	424830	53.381	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	208077	46.470	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	211536	46.186	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	215035	49.160	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	38357	52.581	ug/L	92
69) 1,3,5-Trichlorobenzene	13.116	180	124021	45.252	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	113970	45.524	ug/L	99
71) Naphthalene	13.774	128	433350	52.631	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	114625	46.045	ug/L	99

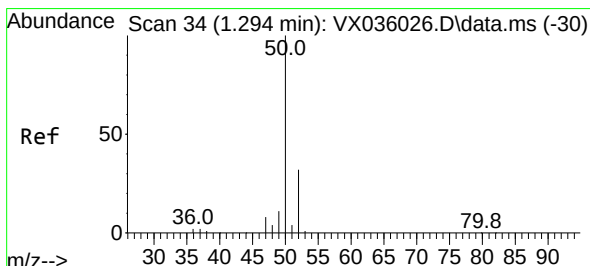
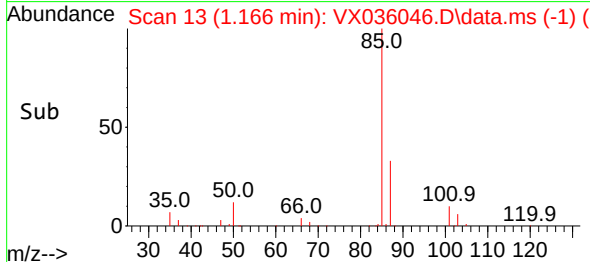
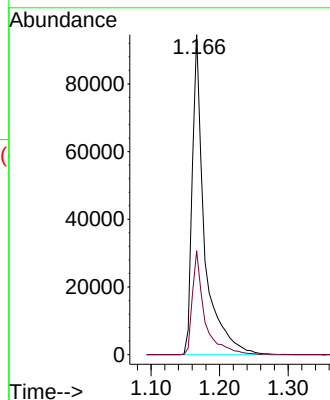
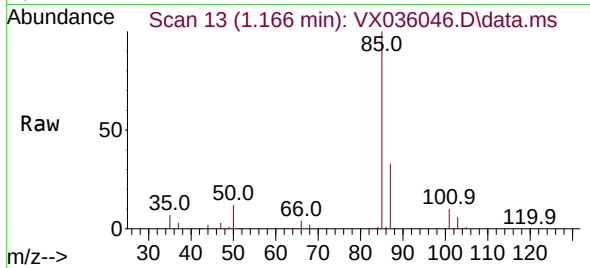
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 42.126 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

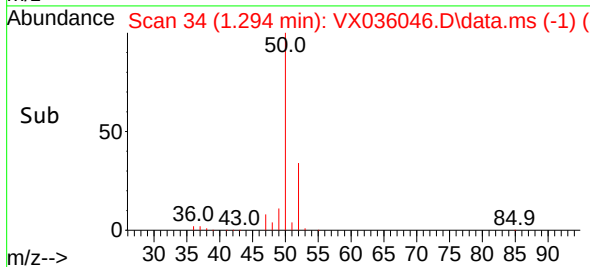
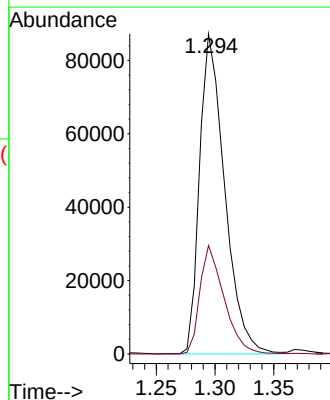
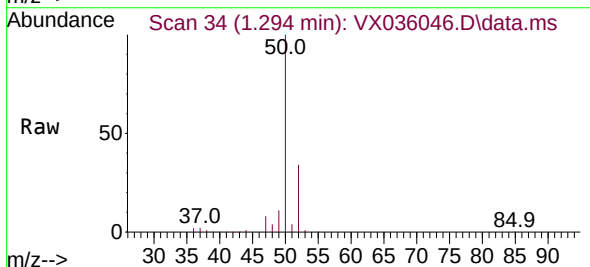
Instrument :
MSVOA_X
ClientSampleId :
F6C08MS

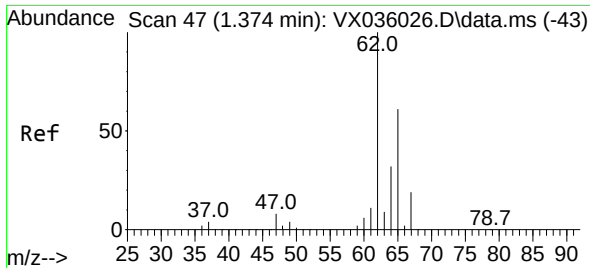
Tgt Ion: 85 Resp: 117229
Ion Ratio Lower Upper
85 100
87 32.2 26.4 39.6



#3
Chloromethane
Concen: 49.534 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

Tgt Ion: 50 Resp: 129877
Ion Ratio Lower Upper
50 100
52 33.9 22.5 41.9

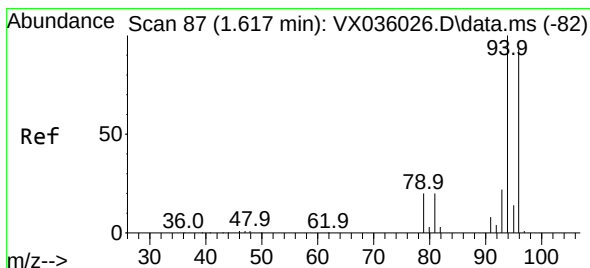
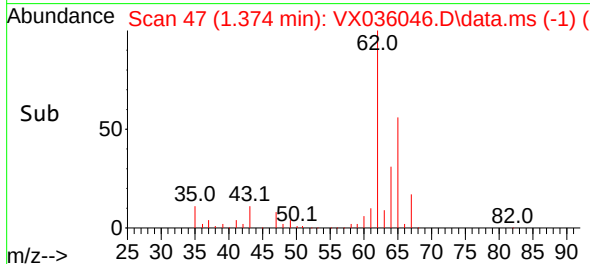
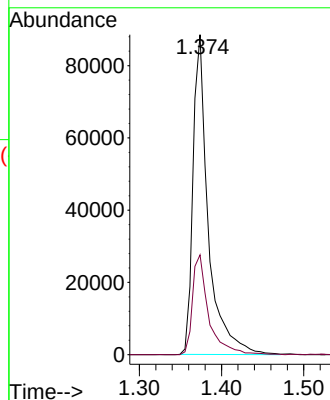
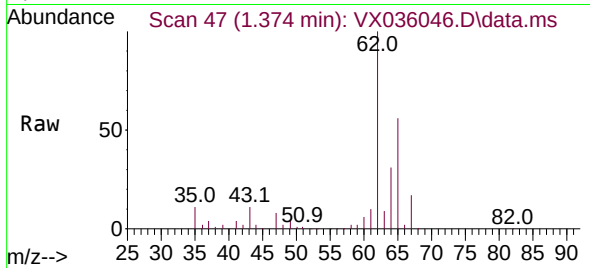




#5
 Vinyl chloride
 Concen: 46.834 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036046.D
 Acq: 06 Jun 2023 20:28

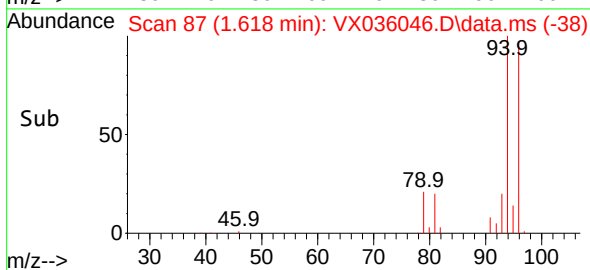
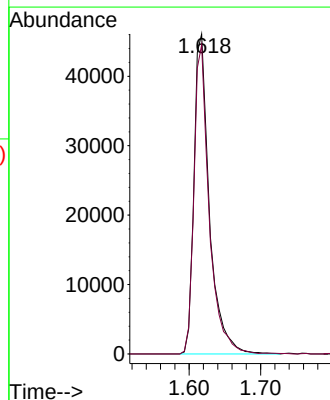
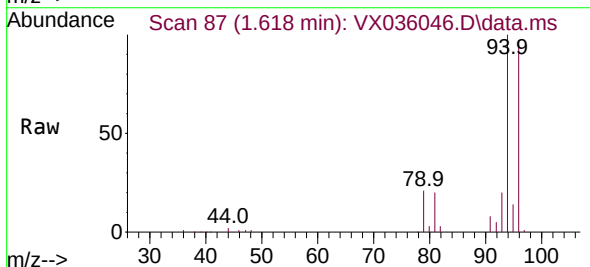
Instrument :
 MSVOA_X
 ClientSampleId :
 F6C08MS

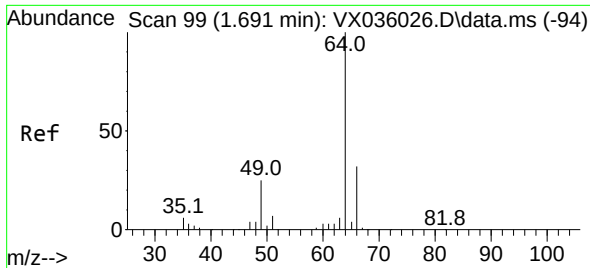
Tgt Ion: 62 Resp: 113822
 Ion Ratio Lower Upper
 62 100
 64 31.2 22.7 42.1



#6
 Bromomethane
 Concen: 48.775 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX036046.D
 Acq: 06 Jun 2023 20:28

Tgt Ion: 94 Resp: 69060
 Ion Ratio Lower Upper
 94 100
 96 96.6 65.8 122.2

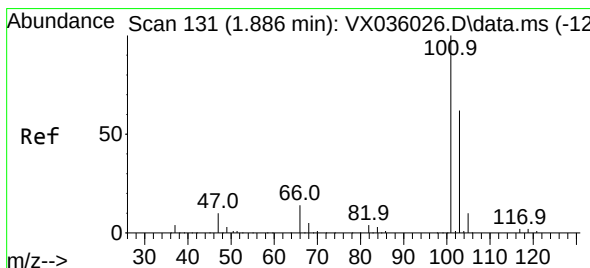
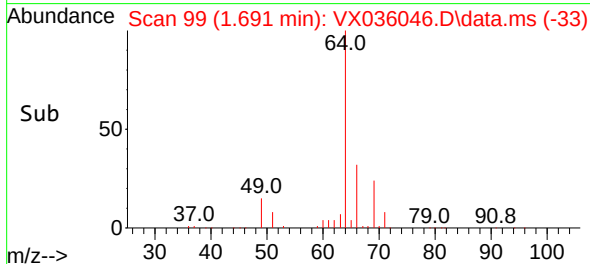
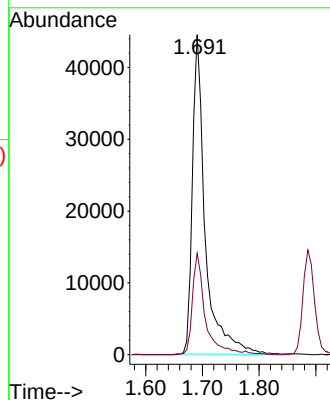
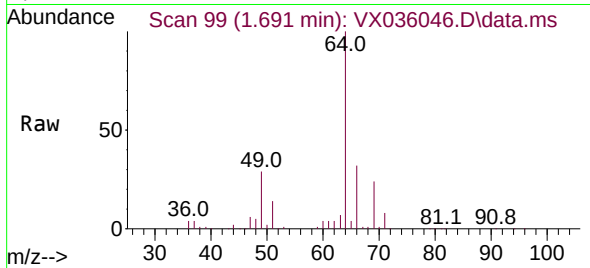




#8
Chloroethane
Concen: 48.487 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

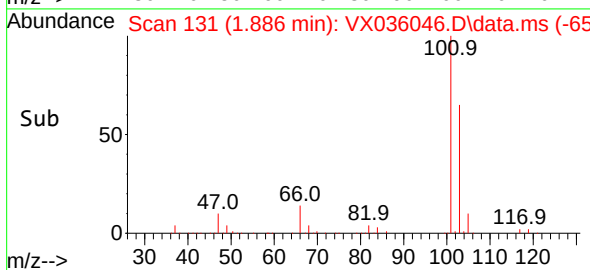
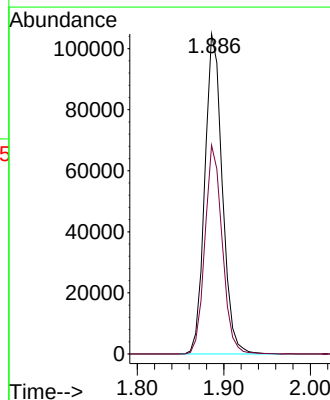
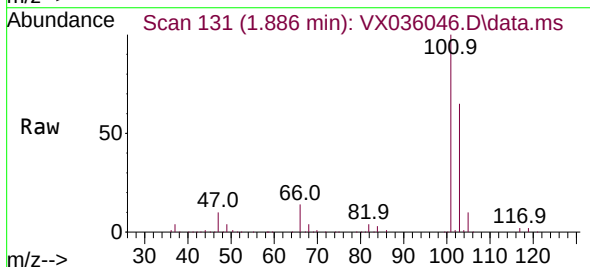
Instrument :
MSVOA_X
ClientSampleId :
F6C08MS

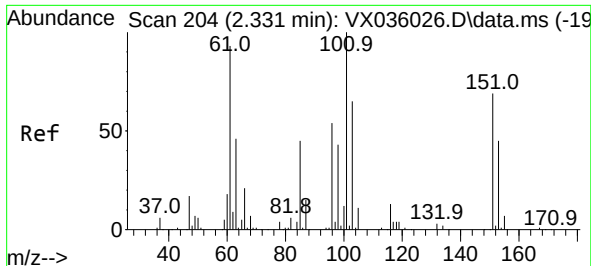
Tgt Ion: 64 Resp: 69899
Ion Ratio Lower Upper
64 100
66 31.7 22.5 41.7



#9
Trichlorofluoromethane
Concen: 42.938 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

Tgt Ion:101 Resp: 146784
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

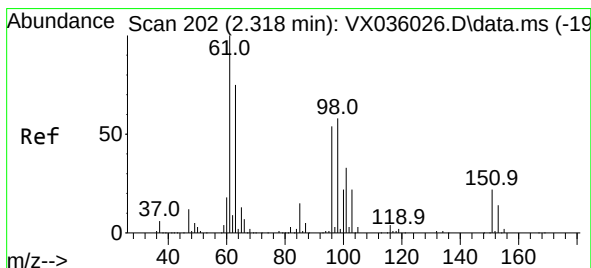
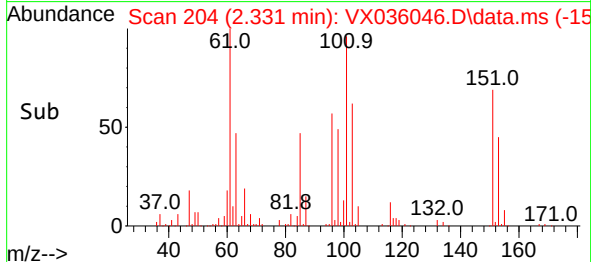
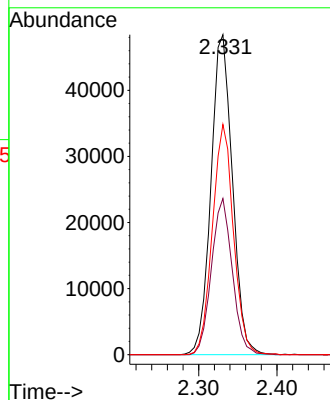
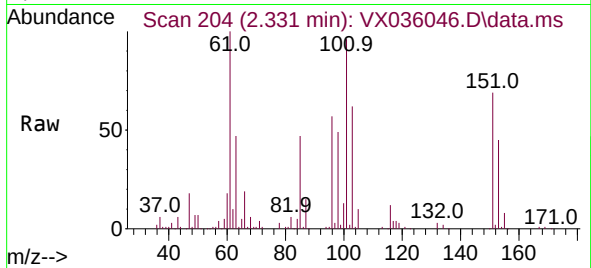




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 41.266 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX036046.D
 Acq: 06 Jun 2023 20:28

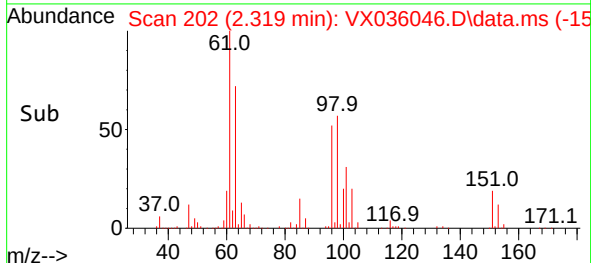
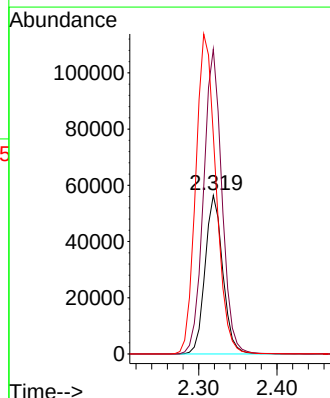
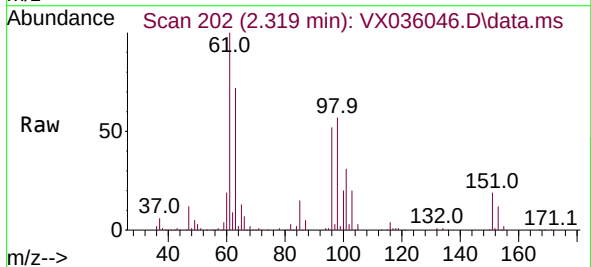
Instrument :
 MSVOA_X
 ClientSampleId :
 F6C08MS

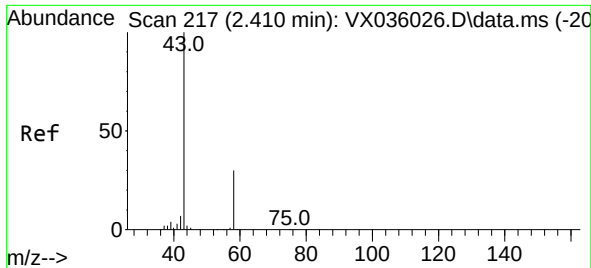
Tgt Ion:101 Resp: 92072
 Ion Ratio Lower Upper
 101 100
 85 47.5 36.6 55.0
 151 70.7 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 45.506 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX036046.D
 Acq: 06 Jun 2023 20:28

Tgt Ion: 96 Resp: 88359
 Ion Ratio Lower Upper
 96 100
 61 192.2 132.5 246.1
 63 138.0 95.1 176.7





#13

Acetone

Concen: 74.295 ug/L

RT: 2.404 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX036046.D

Acq: 06 Jun 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

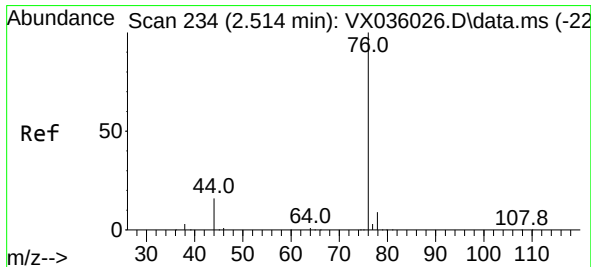
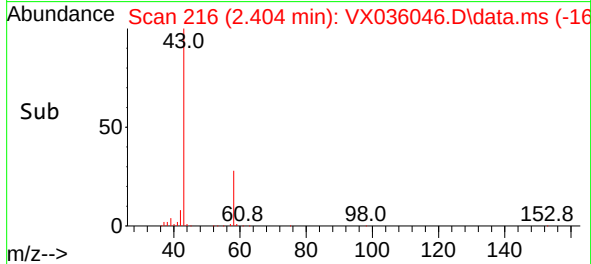
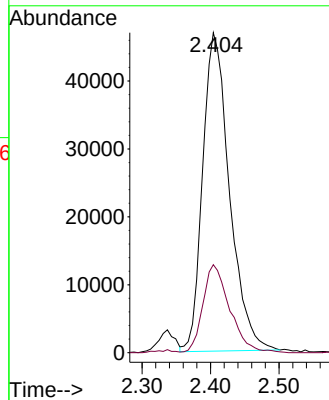
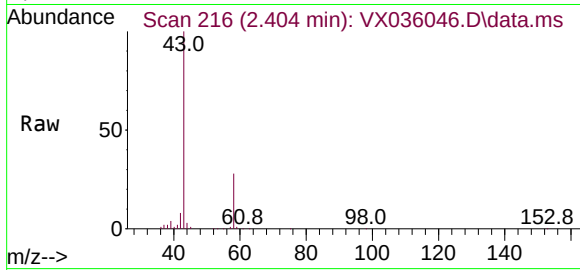
F6C08MS

Tgt Ion: 43 Resp: 127736

Ion Ratio Lower Upper

43 100

58 26.8 0.0 55.4



#14

Carbon disulfide

Concen: 42.500 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX036046.D

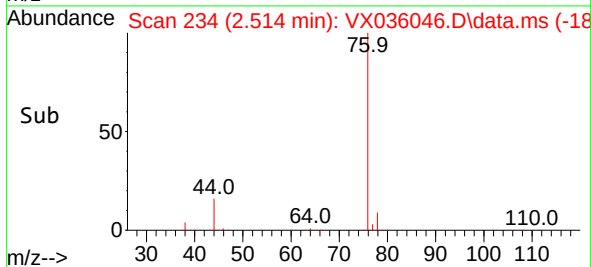
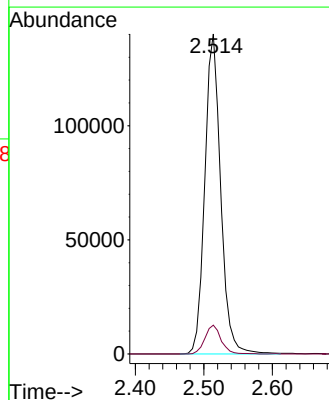
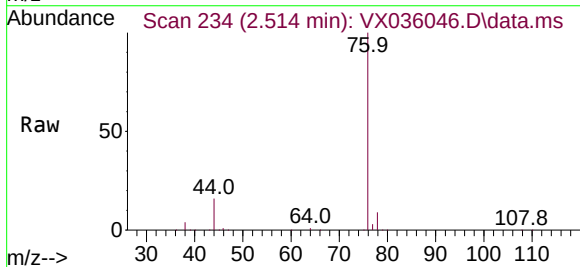
Acq: 06 Jun 2023 20:28

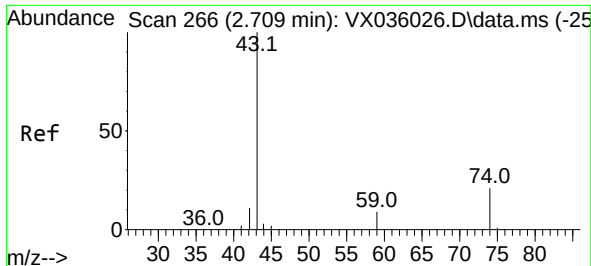
Tgt Ion: 76 Resp: 226465

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

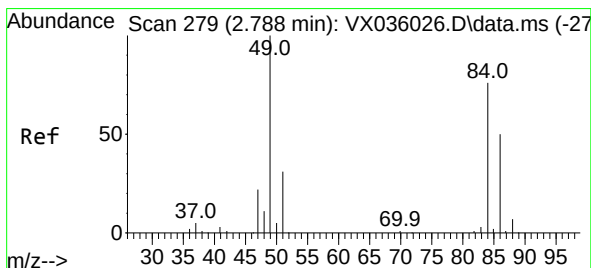
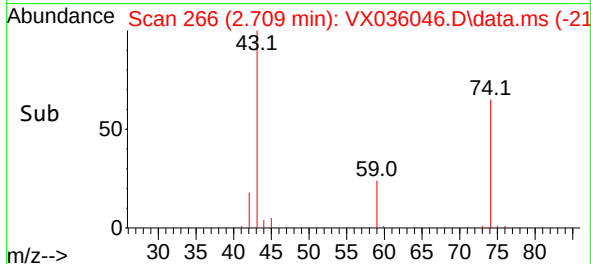
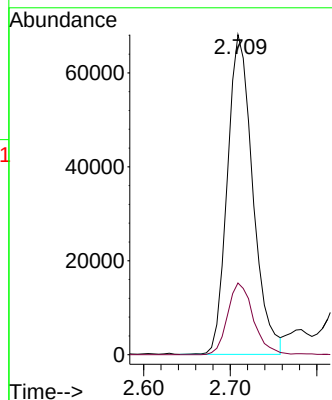
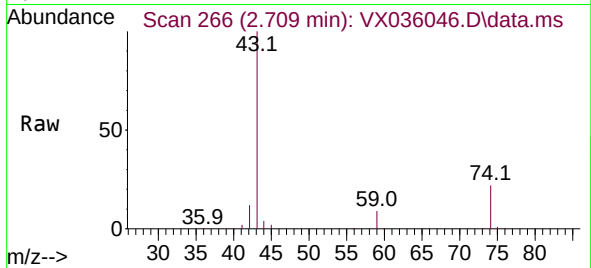




#15
Methyl Acetate
Concen: 52.221 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

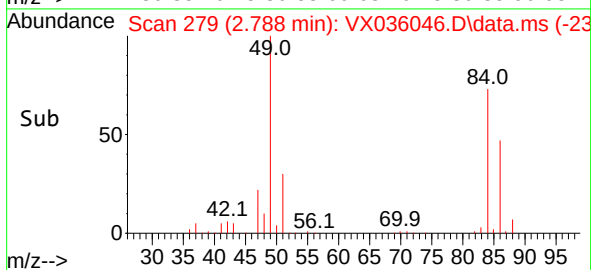
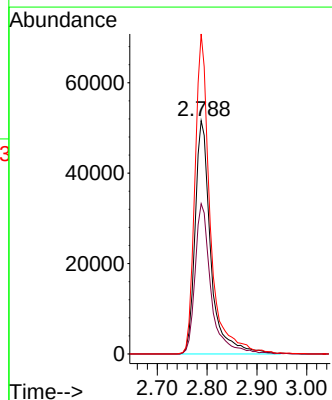
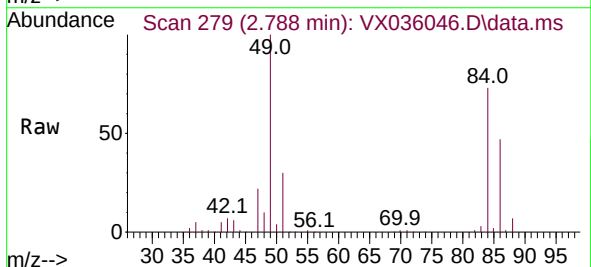
Instrument :
MSVOA_X
ClientSampleId :
F6C08MS

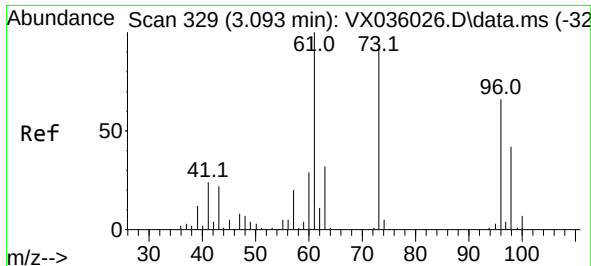
Tgt Ion: 43 Resp: 138915
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.2



#16
Methylene chloride
Concen: 50.548 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

Tgt Ion: 84 Resp: 112703
Ion Ratio Lower Upper
84 100
86 64.4 46.5 86.5
49 137.1 95.1 176.5





#17

trans-1,2-Dichloroethene

Concen: 46.049 ug/L

RT: 3.093 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX036046.D

Acq: 06 Jun 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

F6C08MS

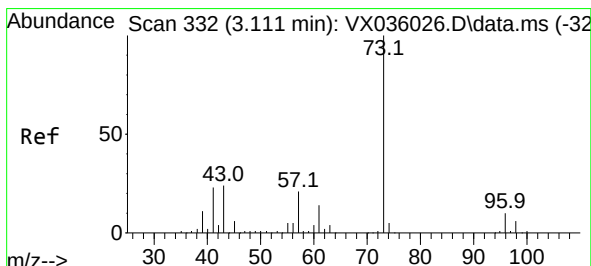
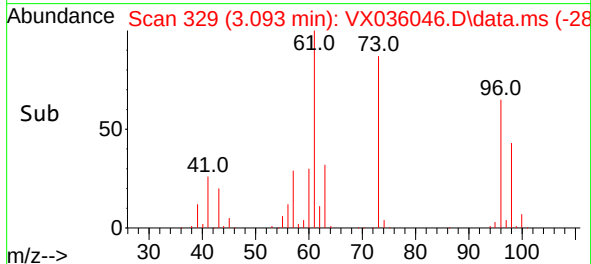
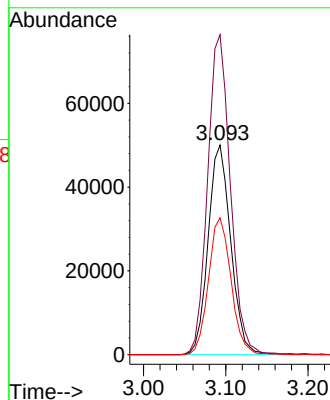
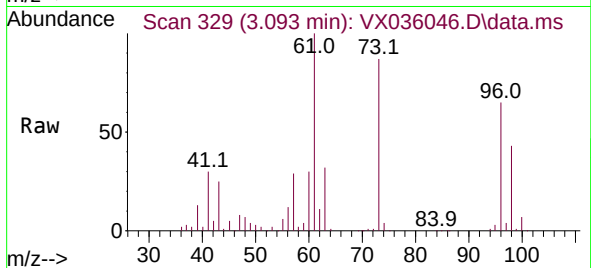
Tgt Ion: 96 Resp: 95796

Ion Ratio Lower Upper

96 100

61 152.7 100.7 187.1

98 65.3 43.4 80.6



#18

Methyl tert-butyl Ether

Concen: 52.328 ug/L

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX036046.D

Acq: 06 Jun 2023 20:28

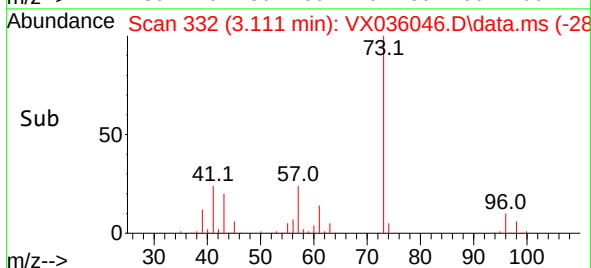
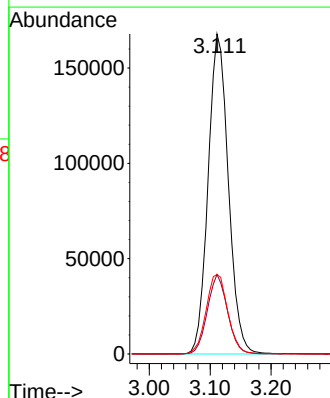
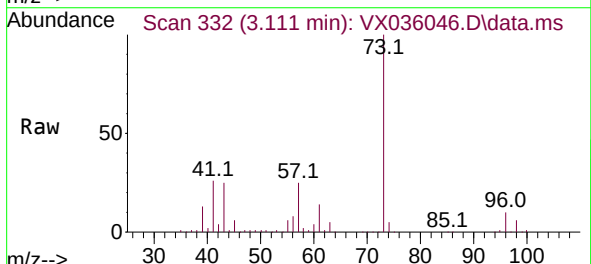
Tgt Ion: 73 Resp: 387320

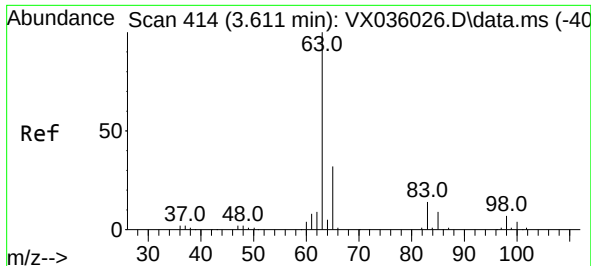
Ion Ratio Lower Upper

73 100

43 24.8 19.4 29.0

57 26.5 17.5 26.3#

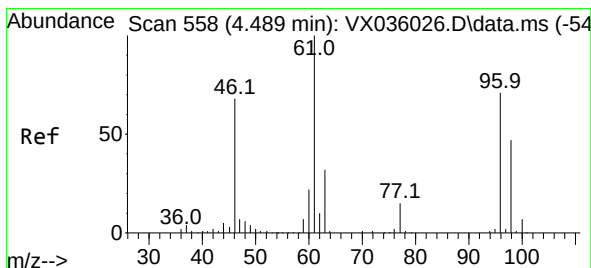
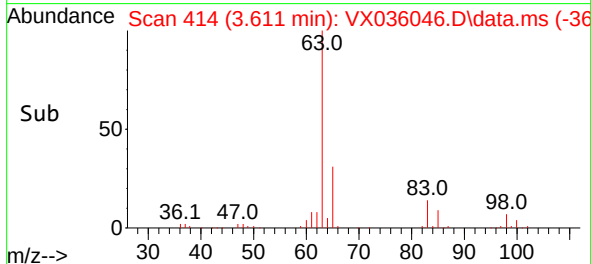
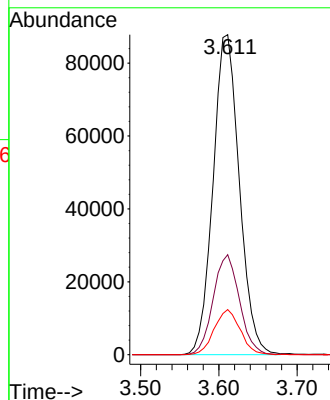
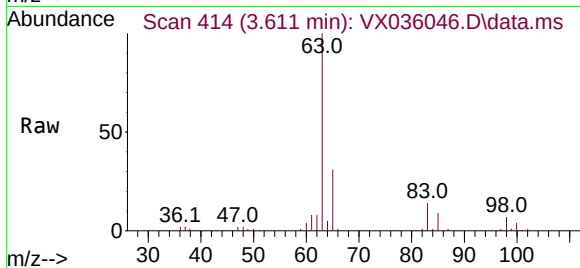




#19
 1,1-Dichloroethane
 Concen: 49.433 ug/L
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036046.D
 Acq: 06 Jun 2023 20:28

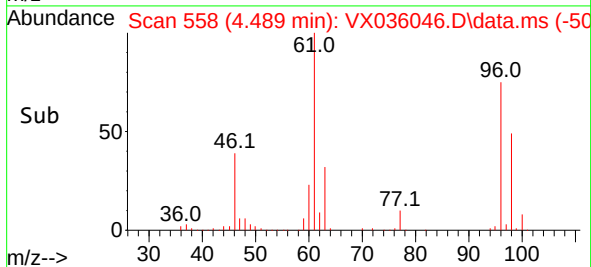
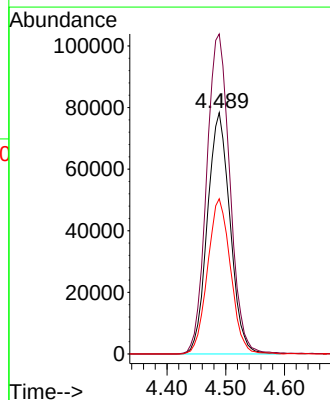
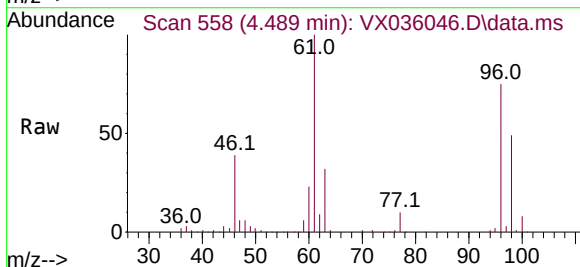
Instrument :
 MSVOA_X
 ClientSampleId :
 F6C08MS

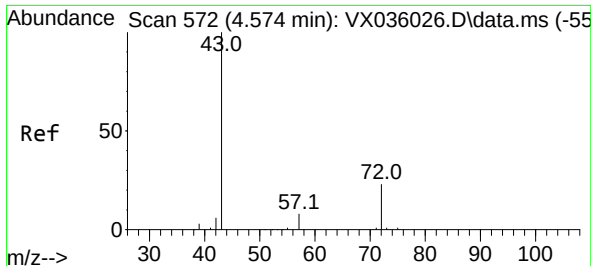
Tgt Ion: 63 Resp: 205022
 Ion Ratio Lower Upper
 63 100
 65 31.3 22.6 42.0
 83 14.1 9.5 17.7



#20
 cis-1,2-Dichloroethene
 Concen: 87.996 ug/L
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX036046.D
 Acq: 06 Jun 2023 20:28

Tgt Ion: 96 Resp: 210039
 Ion Ratio Lower Upper
 96 100
 61 132.6 94.7 175.9
 98 64.3 45.4 84.4

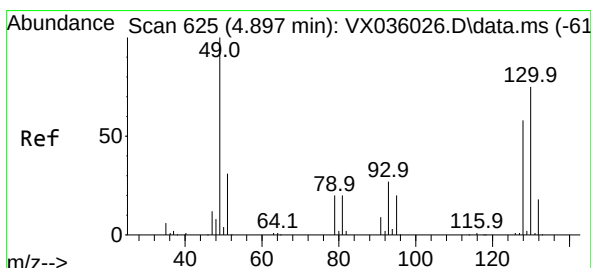
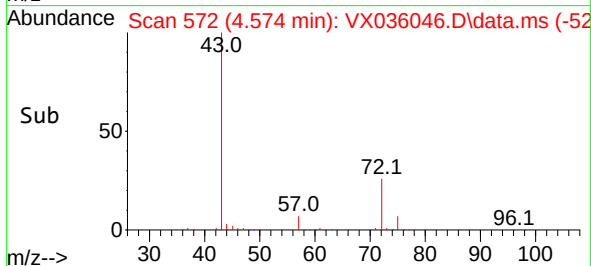
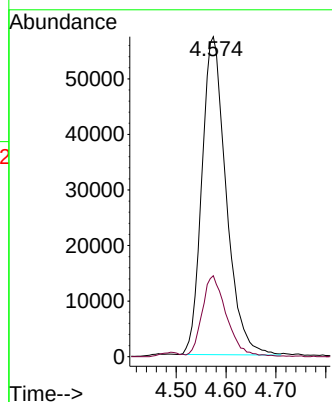
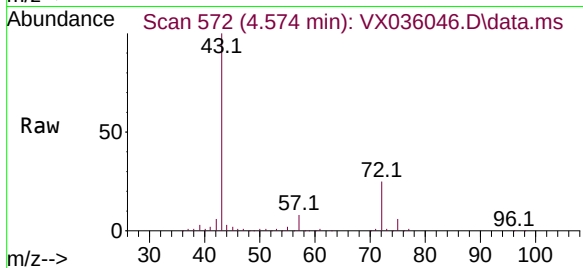




#22
2-Butanone
Concen: 94.122 ug/L
RT: 4.574 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

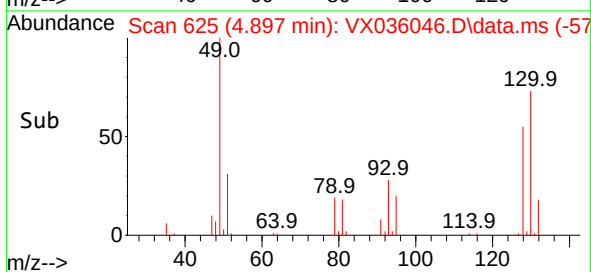
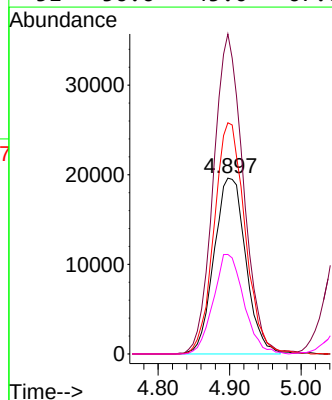
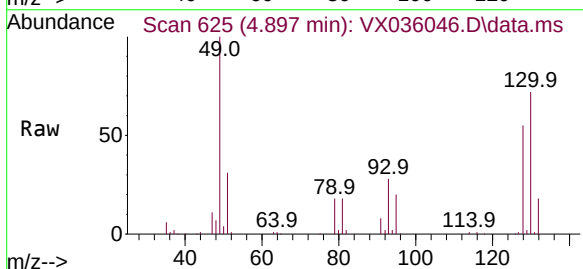
Instrument :
MSVOA_X
ClientSampleId :
F6C08MS

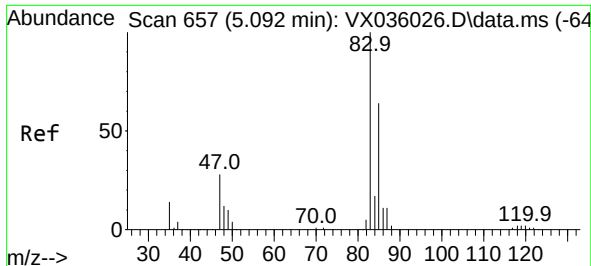
Tgt Ion: 43 Resp: 193280
Ion Ratio Lower Upper
43 100
72 25.4 12.0 36.1



#23
Bromochloromethane
Concen: 50.978 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

Tgt Ion:128 Resp: 60393
Ion Ratio Lower Upper
128 100
49 182.0 123.9 230.1
130 131.5 88.3 164.1
51 56.6 45.0 67.6

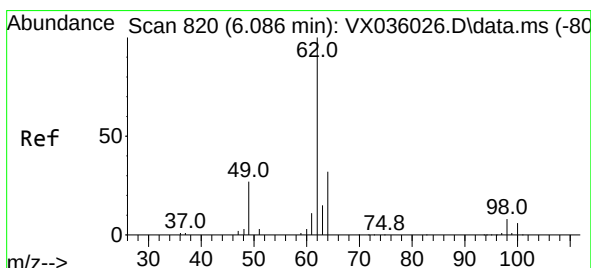
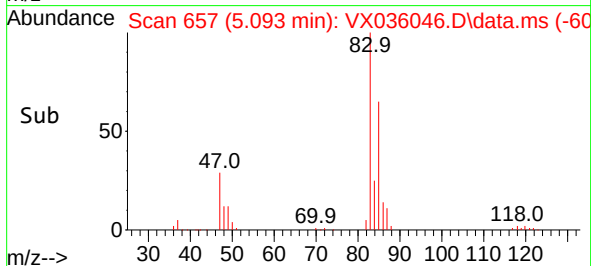
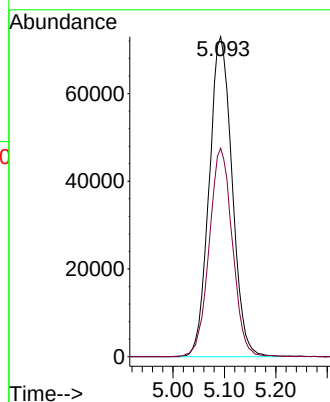
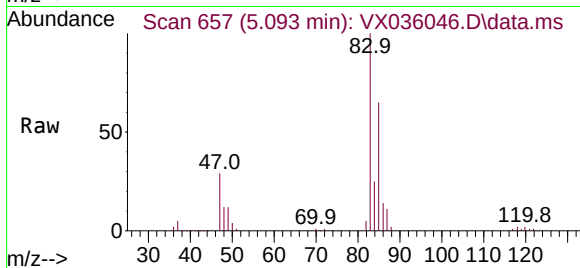




#25
Chloroform
Concen: 50.059 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

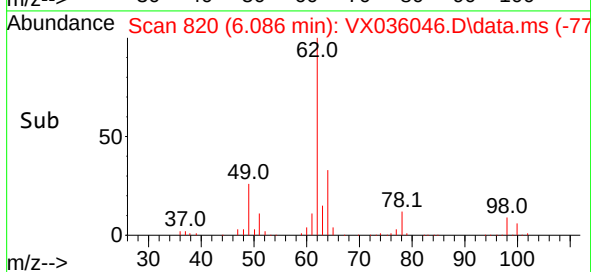
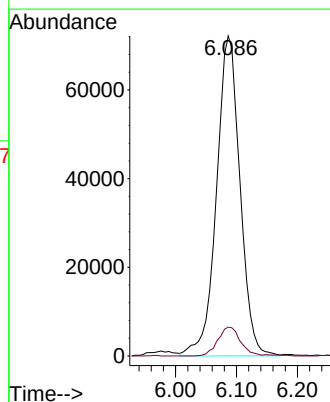
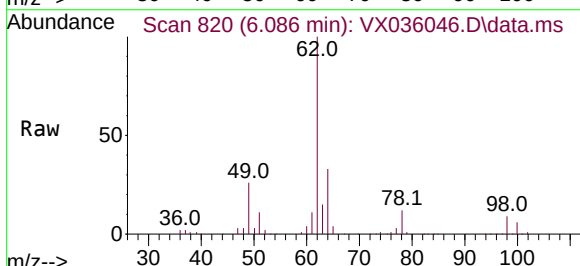
Instrument :
MSVOA_X
ClientSampleId :
F6C08MS

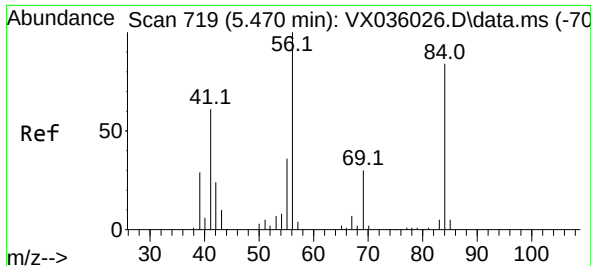
Tgt Ion: 83 Resp: 225848
Ion Ratio Lower Upper
83 100
85 65.1 45.0 83.6



#27
1,2-Dichloroethane
Concen: 50.142 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

Tgt Ion: 62 Resp: 193023
Ion Ratio Lower Upper
62 100
98 9.0 6.4 9.6





#29

Cyclohexane

Concen: 85.880 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX036046.D

Acq: 06 Jun 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

F6C08MS

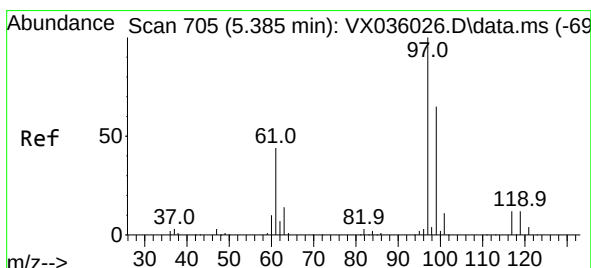
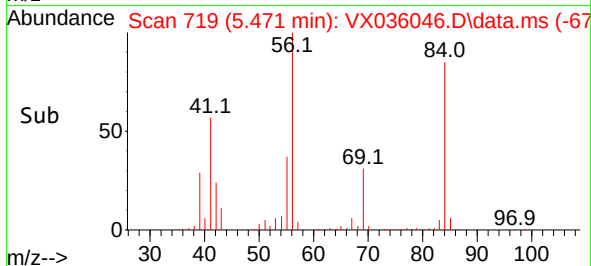
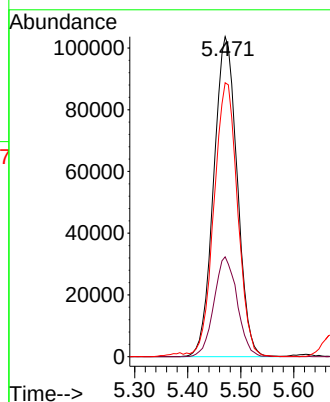
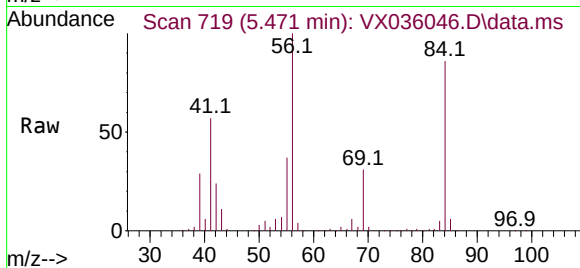
Tgt Ion: 56 Resp: 319172

Ion Ratio Lower Upper

56 100

69 30.8 24.3 36.5

84 86.0 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 46.046 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036046.D

Acq: 06 Jun 2023 20:28

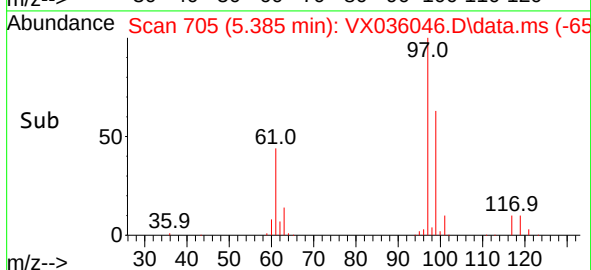
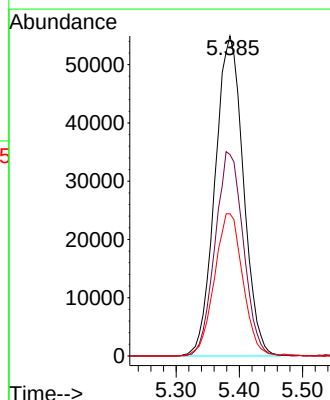
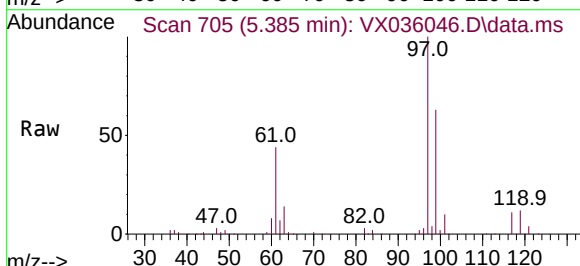
Tgt Ion: 97 Resp: 170743

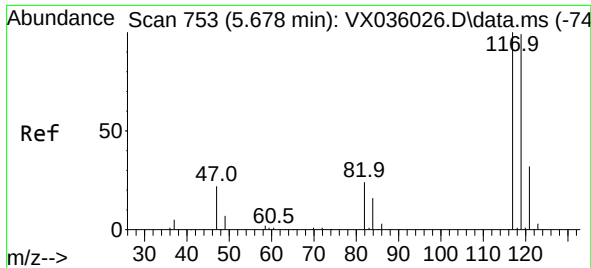
Ion Ratio Lower Upper

97 100

99 63.7 51.9 77.9

61 44.5 38.0 57.0

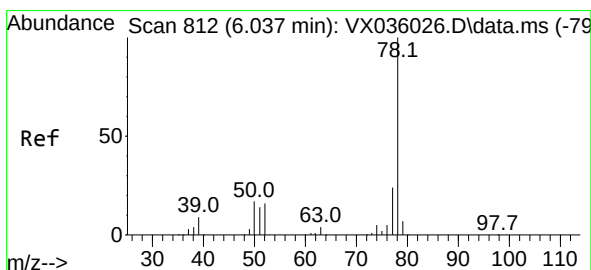
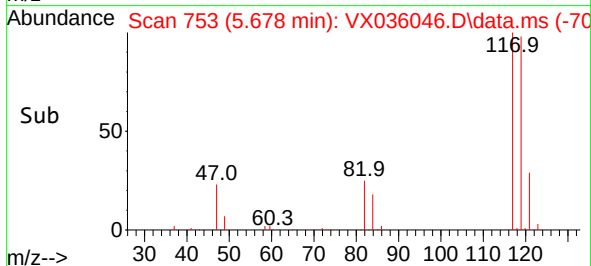
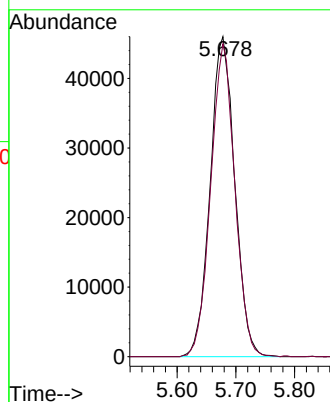
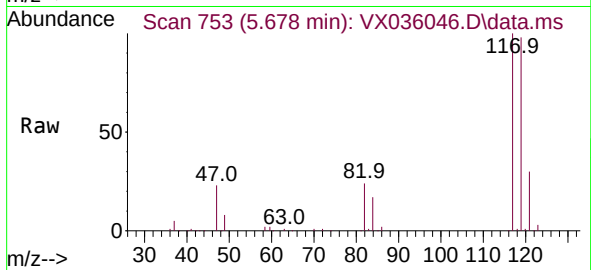




#31
Carbon tetrachloride
Concen: 43.480 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

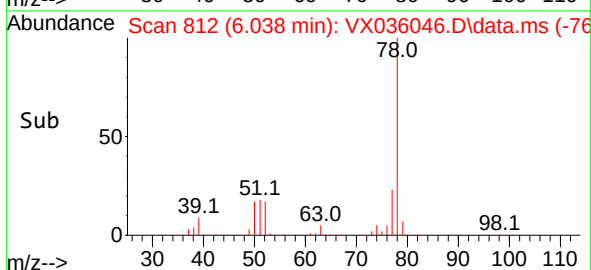
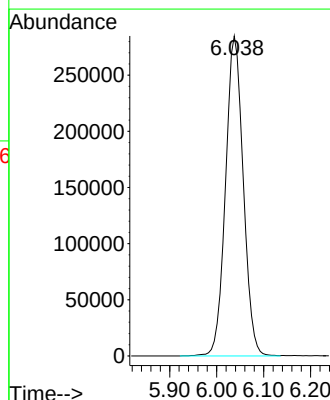
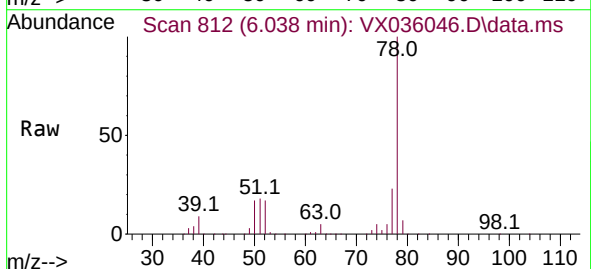
Instrument :
MSVOA_X
ClientSampleId :
F6C08MS

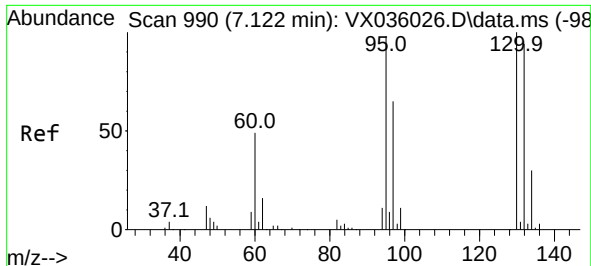
Tgt Ion:117 Resp: 133891
Ion Ratio Lower Upper
117 100
119 95.8 76.9 115.3



#33
Benzene
Concen: 83.882 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

Tgt Ion: 78 Resp: 747767



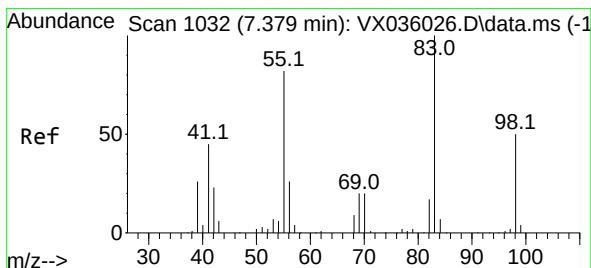
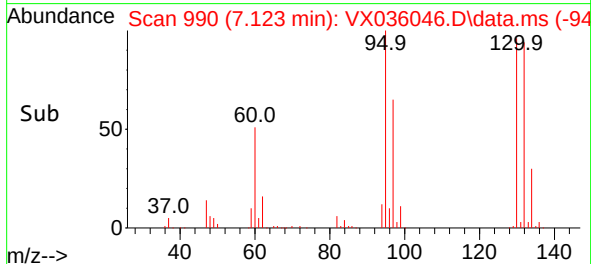
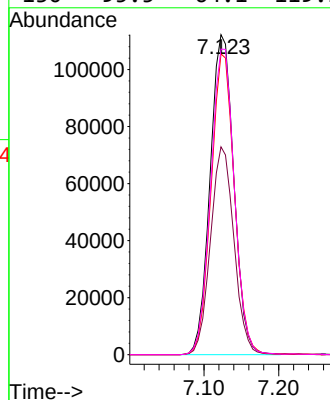
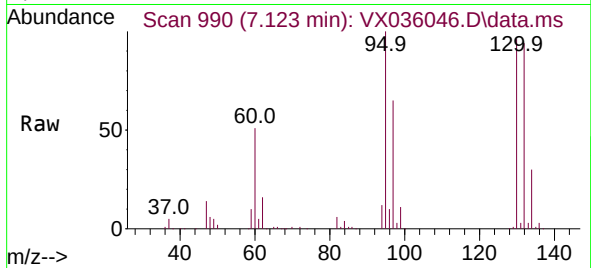


#34
Trichloroethene
Concen: 103.272 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

Instrument :
MSVOA_X
ClientSampleId :
F6C08MS

Tgt Ion: 95 Resp: 247950

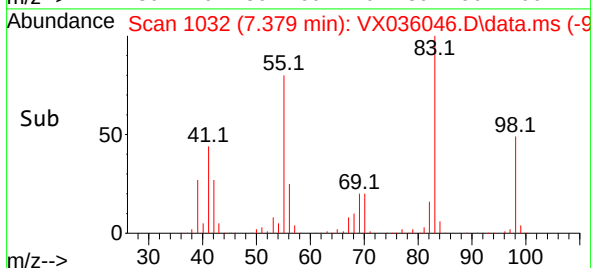
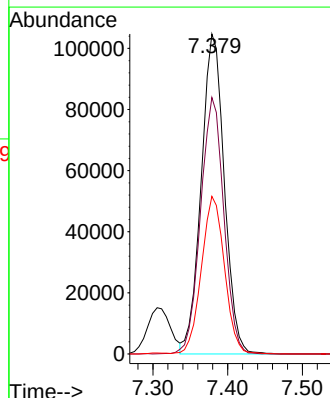
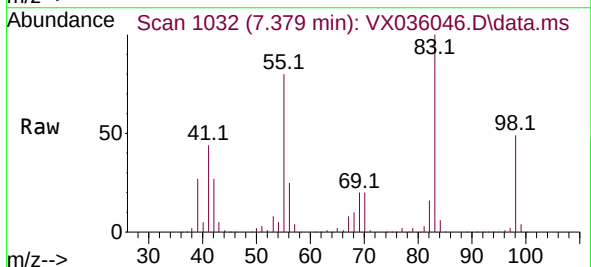
Ion	Ratio	Lower	Upper
95	100		
97	65.0	43.6	81.0
132	94.0	59.9	111.3
130	95.5	64.1	119.1

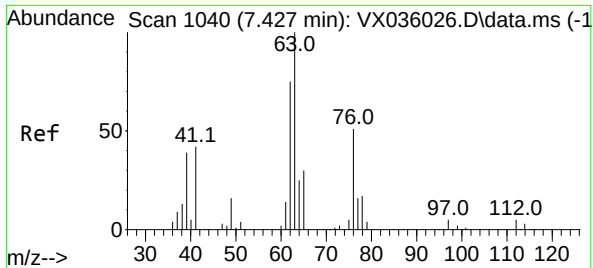


#35
Methylcyclohexane
Concen: 63.770 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

Tgt Ion: 83 Resp: 224763

Ion	Ratio	Lower	Upper
83	100		
55	80.7	65.4	98.2
98	49.3	39.0	58.6





#37

1,2-Dichloropropane

Concen: 50.404 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX036046.D

Acq: 06 Jun 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

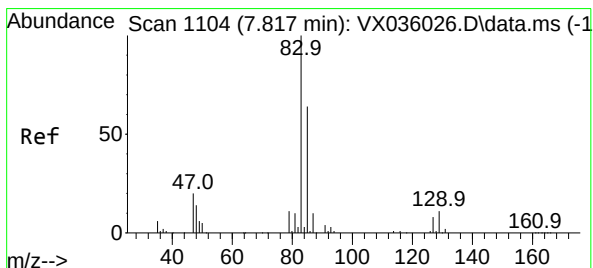
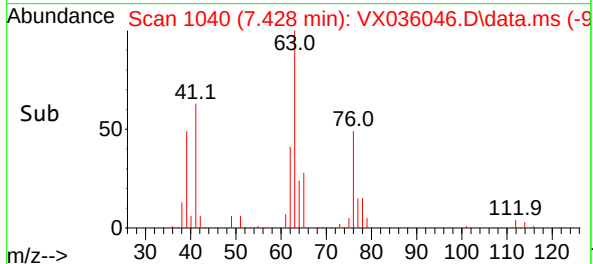
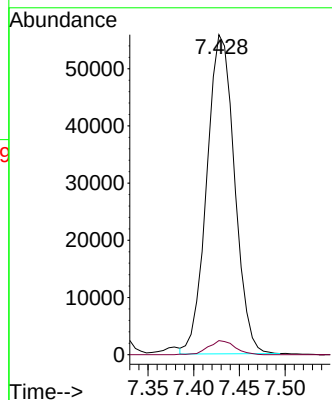
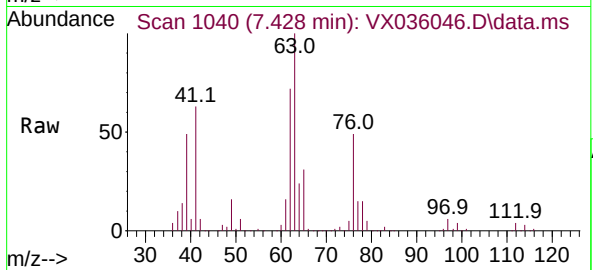
F6C08MS

Tgt Ion: 63 Resp: 117928

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 49.069 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX036046.D

Acq: 06 Jun 2023 20:28

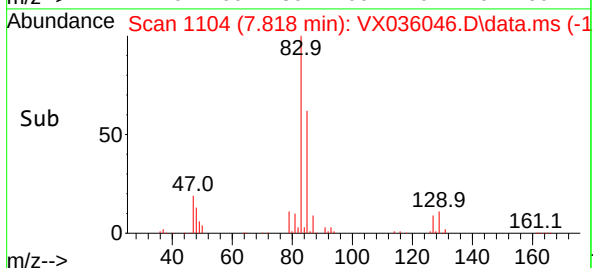
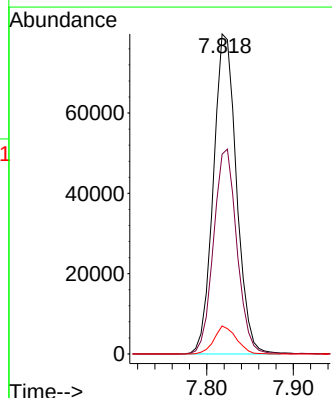
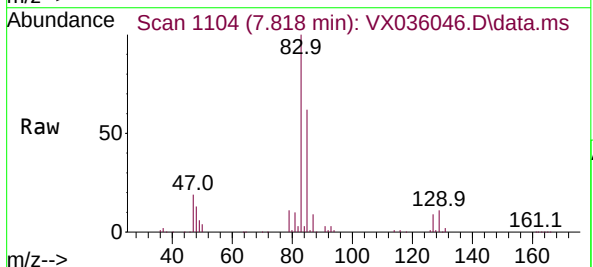
Tgt Ion: 83 Resp: 148008

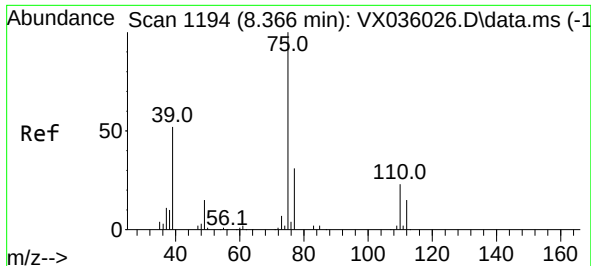
Ion Ratio Lower Upper

83 100

85 62.4 45.3 84.1

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 49.829 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036046.D

Acq: 06 Jun 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

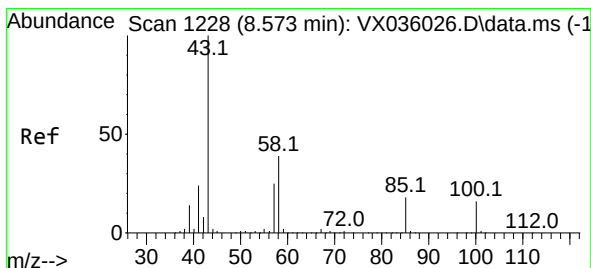
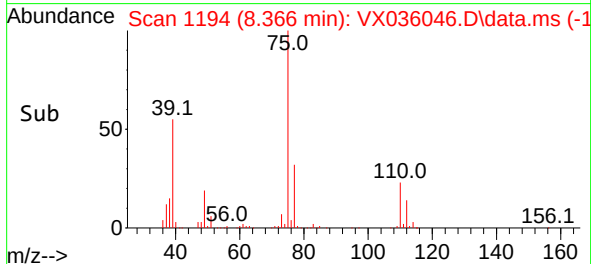
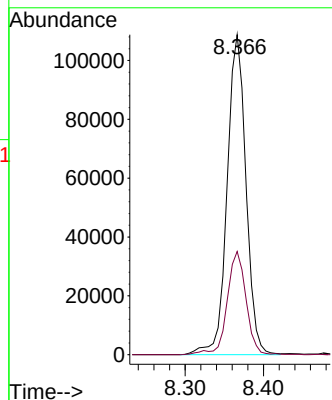
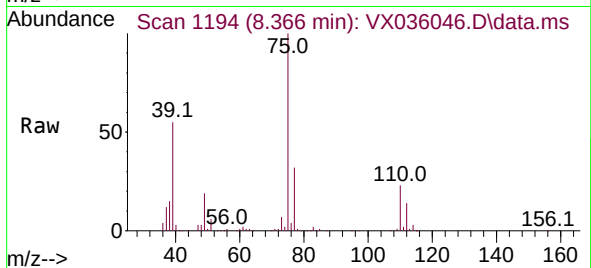
F6C08MS

Tgt Ion: 75 Resp: 182151

Ion Ratio Lower Upper

75 100

77 32.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 110.554 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036046.D

Acq: 06 Jun 2023 20:28

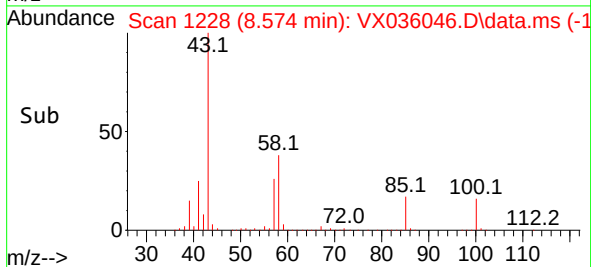
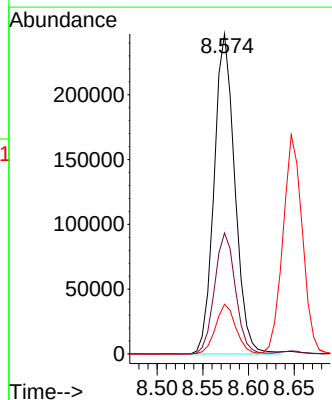
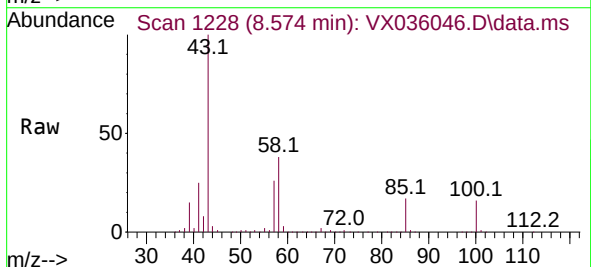
Tgt Ion: 43 Resp: 389553

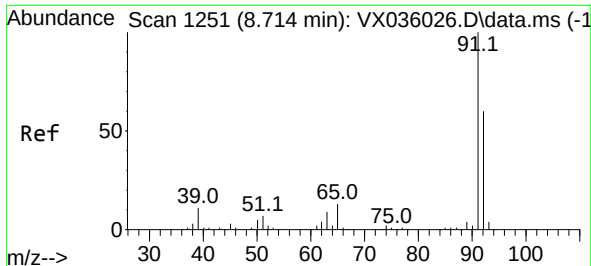
Ion Ratio Lower Upper

43 100

58 38.1 29.4 44.2

100 15.2 11.8 17.6





#42

Toluene

Concen: 48.315 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX036046.D

Acq: 06 Jun 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

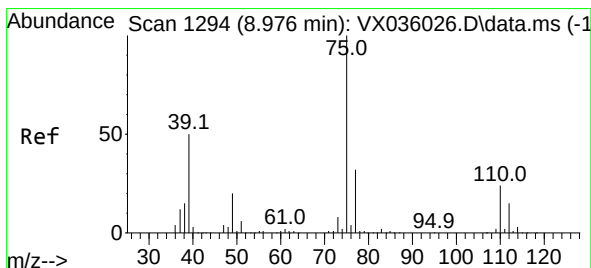
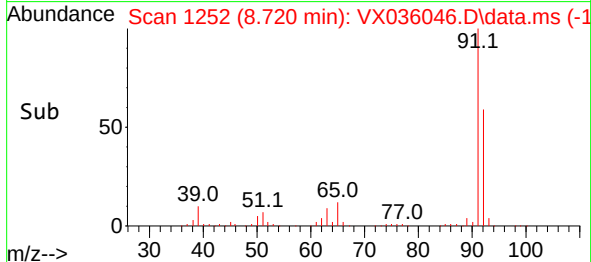
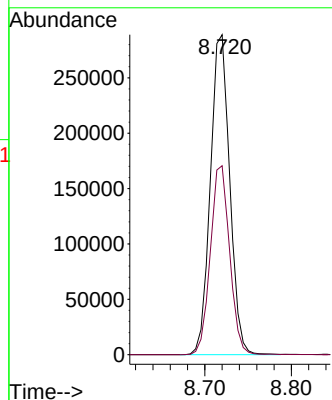
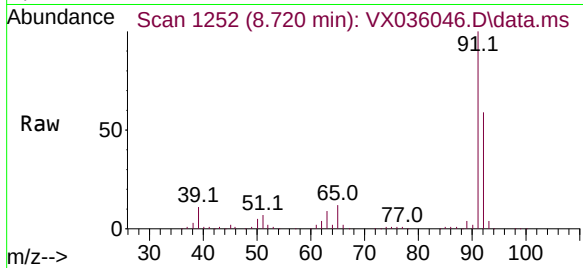
F6C08MS

Tgt Ion: 91 Resp: 447962

Ion Ratio Lower Upper

91 100

92 59.0 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 49.401 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX036046.D

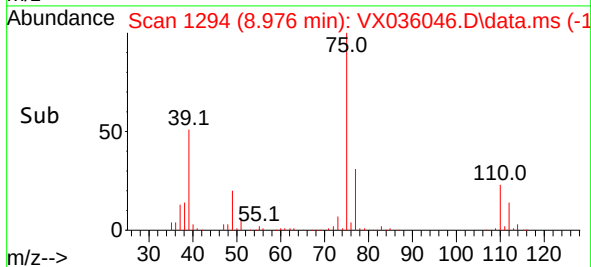
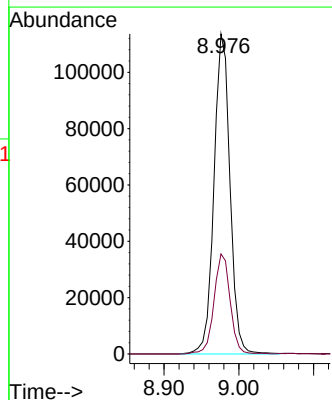
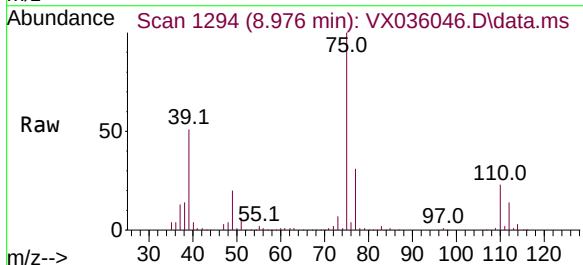
Acq: 06 Jun 2023 20:28

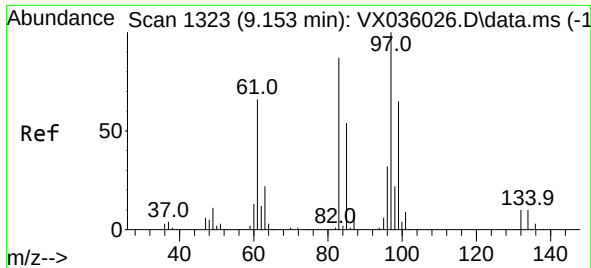
Tgt Ion: 75 Resp: 169101

Ion Ratio Lower Upper

75 100

77 31.2 22.0 41.0

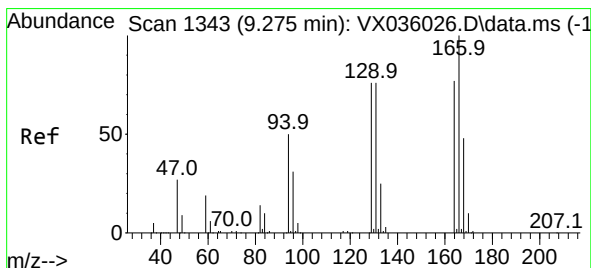
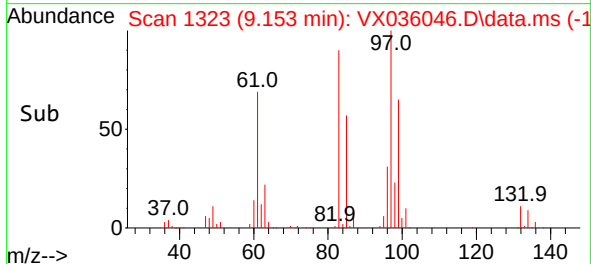
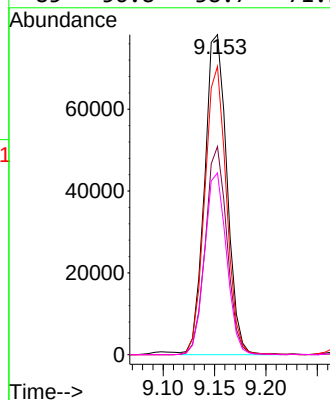
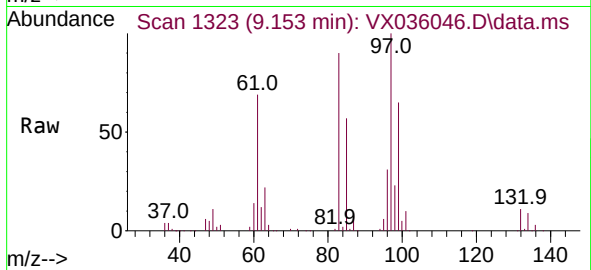




#45
1,1,2-Trichloroethane
Concen: 51.800 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

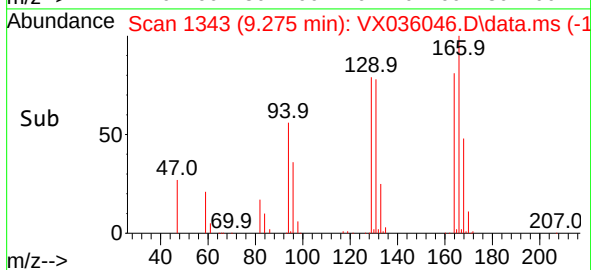
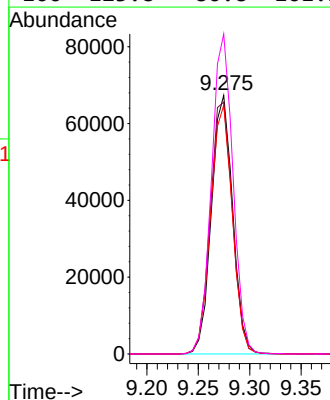
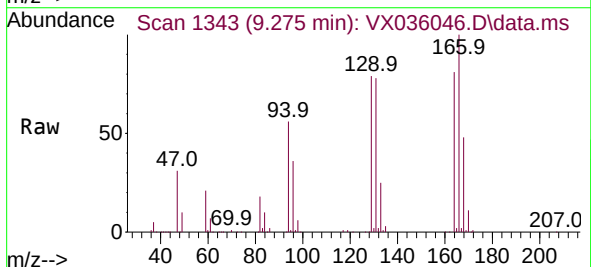
Instrument :
MSVOA_X
ClientSampleId :
F6C08MS

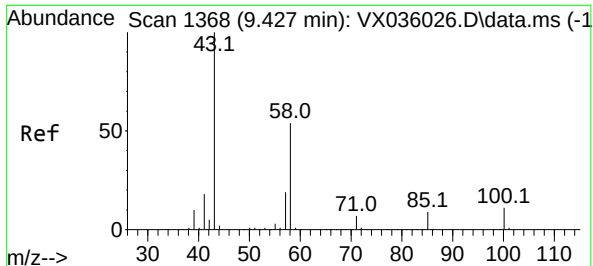
Tgt Ion:	97	Resp:	118613
Ion	Ratio	Lower	Upper
97	100		
99	65.1	42.9	79.7
83	90.1	61.0	113.2
85	56.8	38.7	71.9



#46
Tetrachloroethene
Concen: 57.651 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

Tgt Ion:	164	Resp:	96794
Ion	Ratio	Lower	Upper
164	100		
129	97.4	74.8	139.0
131	96.1	68.9	127.9
166	123.8	86.8	161.2





#48

2-Hexanone

Concen: 106.373 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX036046.D

Acq: 06 Jun 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

F6C08MS

Tgt Ion: 43 Resp: 295759

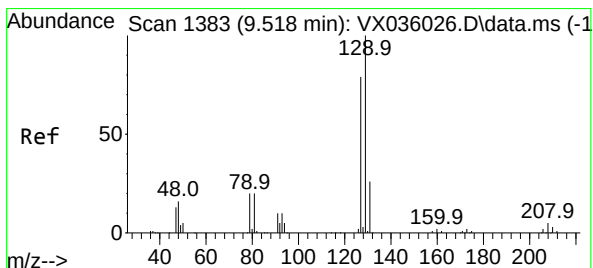
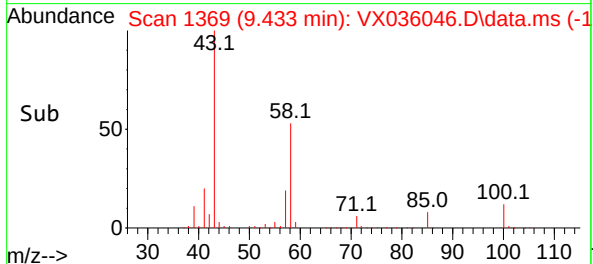
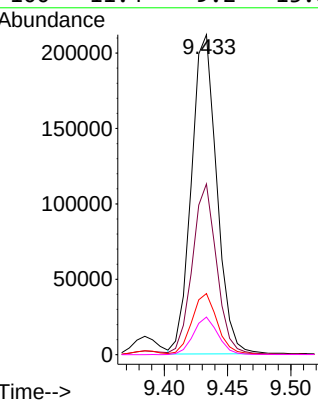
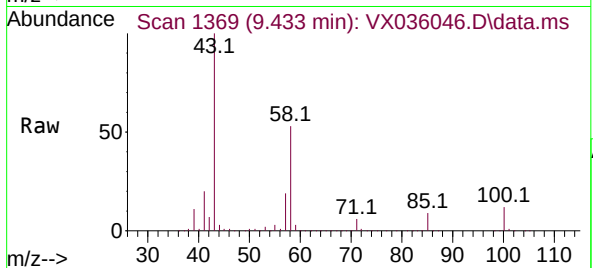
Ion Ratio Lower Upper

43 100

58 51.5 41.0 61.6

57 19.5 15.2 22.8

100 11.4 9.2 13.8



#49

Dibromochloromethane

Concen: 50.126 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX036046.D

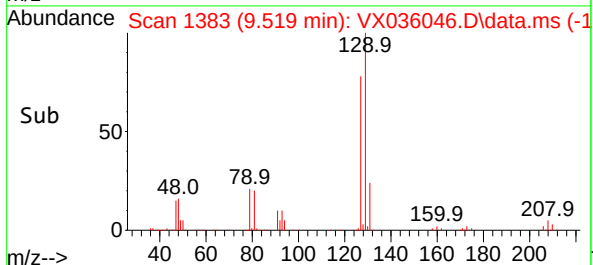
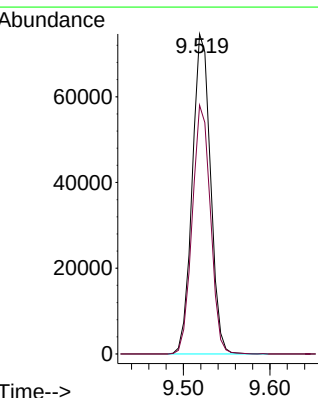
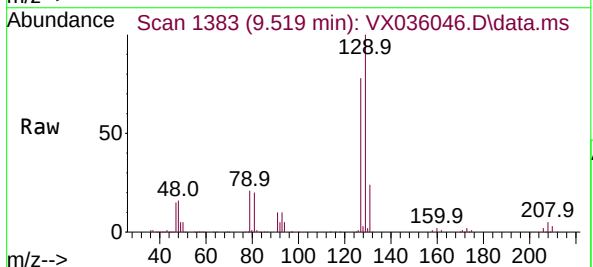
Acq: 06 Jun 2023 20:28

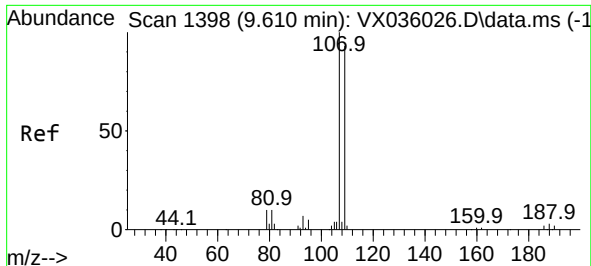
Tgt Ion: 129 Resp: 108902

Ion Ratio Lower Upper

129 100

127 77.8 53.3 98.9

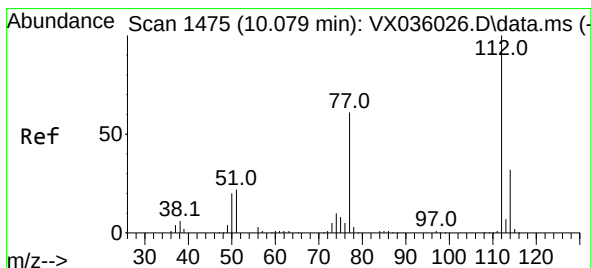
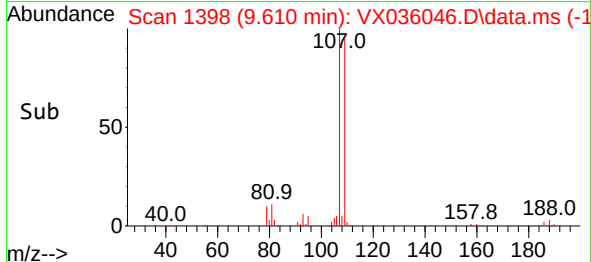
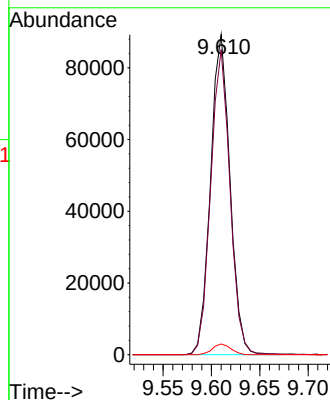
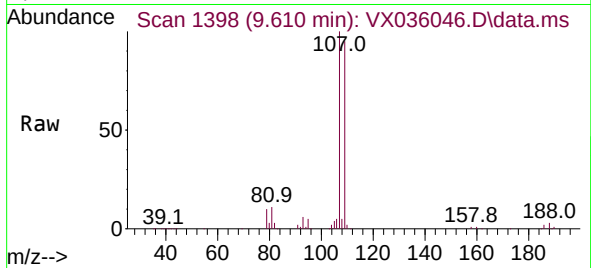




#50
1,2-Dibromoethane
Concen: 51.733 ug/L
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

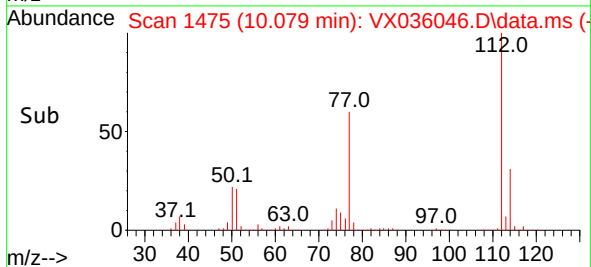
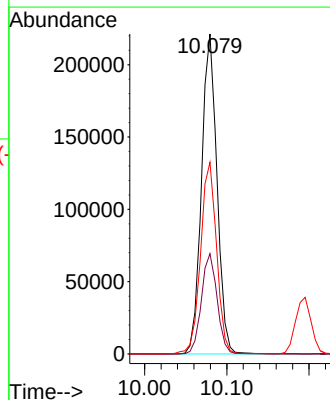
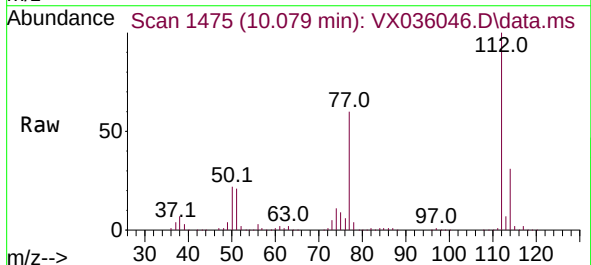
Instrument :
MSVOA_X
ClientSampleId :
F6C08MS

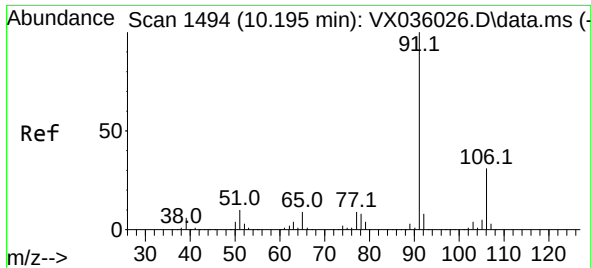
Tgt Ion:107 Resp: 125171
Ion Ratio Lower Upper
107 100
109 95.3 66.1 122.8
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 47.359 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

Tgt Ion:112 Resp: 288883
Ion Ratio Lower Upper
112 100
114 31.3 22.7 42.3
77 59.9 50.6 75.8

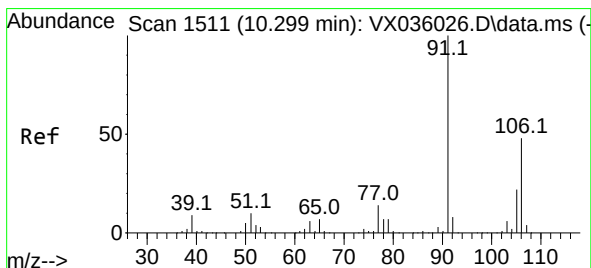
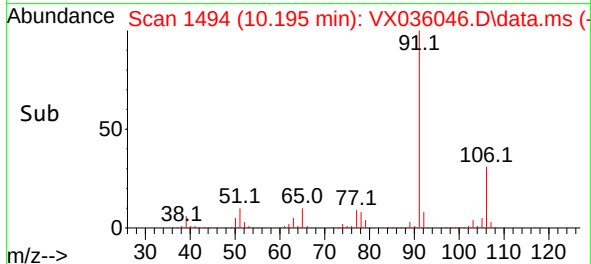
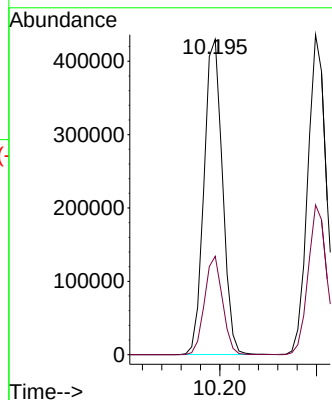
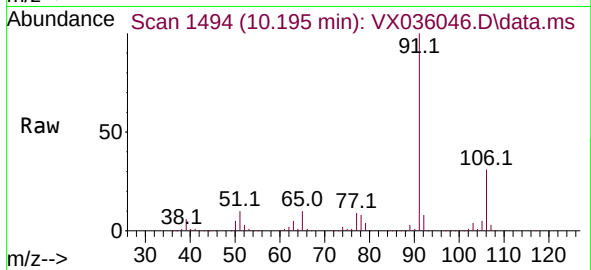




#52
Ethylbenzene
Concen: 53.453 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

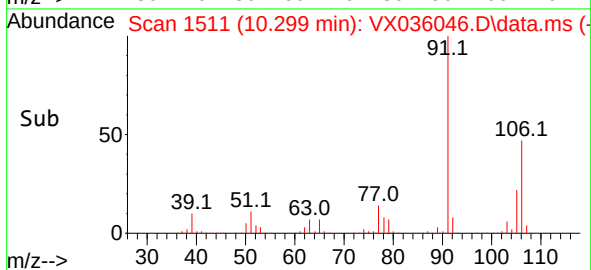
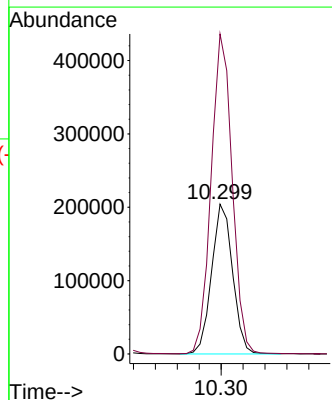
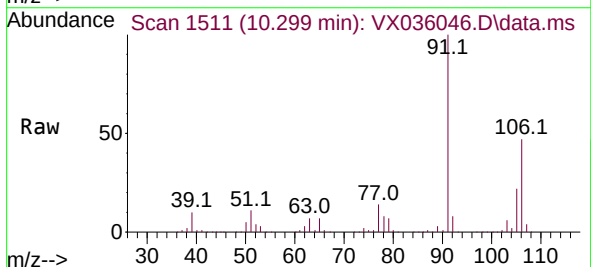
Instrument :
MSVOA_X
ClientSampleId :
F6C08MS

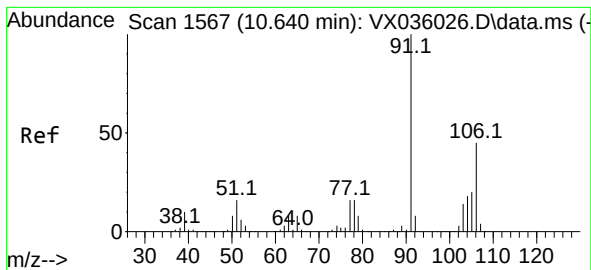
Tgt Ion: 91 Resp: 570797
Ion Ratio Lower Upper
91 100
106 31.2 20.8 38.6



#53
m,p-Xylene
Concen: 67.141 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

Tgt Ion: 106 Resp: 271900
Ion Ratio Lower Upper
106 100
91 213.6 149.8 278.2





#54

o-Xylene

Concen: 49.430 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036046.D

Acq: 06 Jun 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

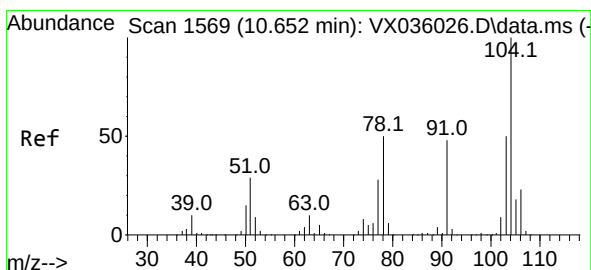
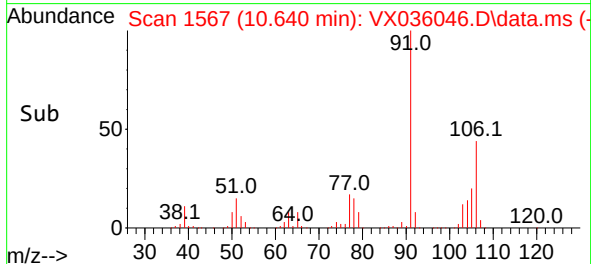
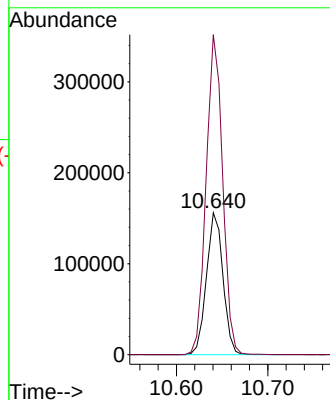
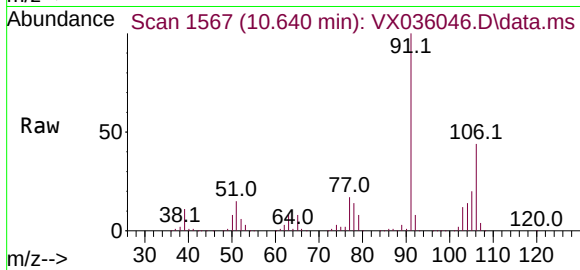
F6C08MS

Tgt Ion:106 Resp: 195659

Ion Ratio Lower Upper

106 100

91 225.4 156.9 291.5



#55

Styrene

Concen: 46.342 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036046.D

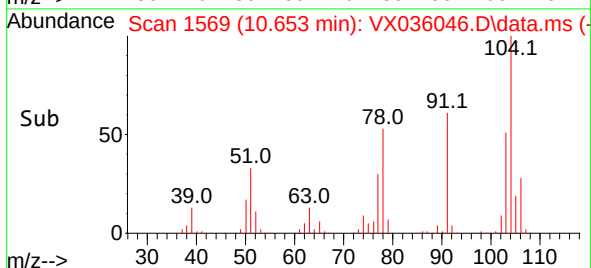
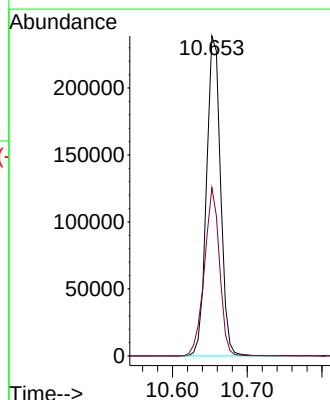
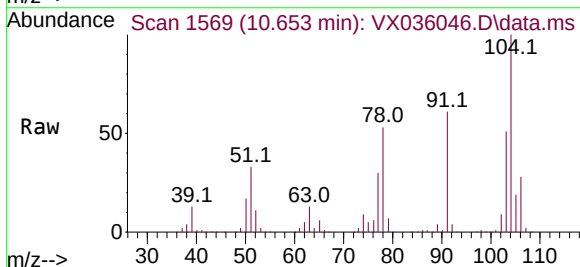
Acq: 06 Jun 2023 20:28

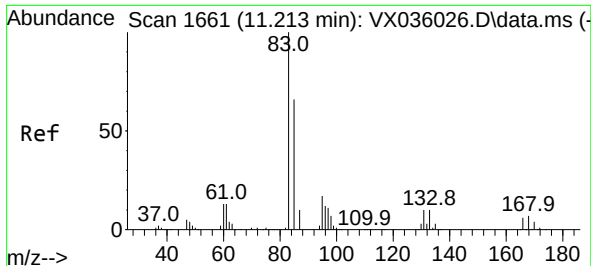
Tgt Ion:104 Resp: 311751

Ion Ratio Lower Upper

104 100

78 52.6 36.1 67.1

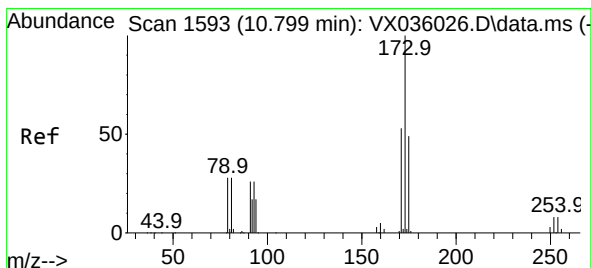
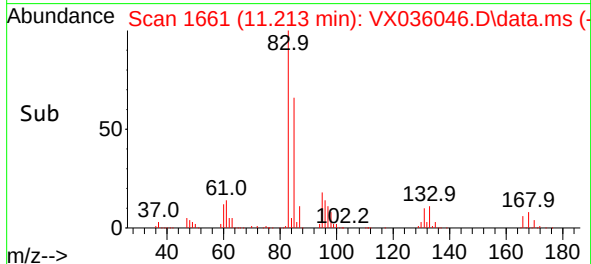
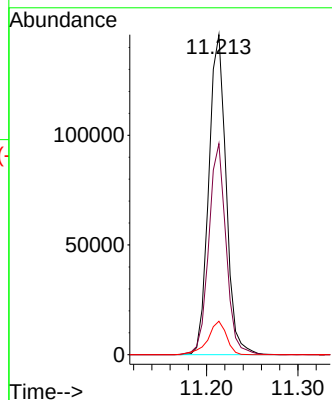
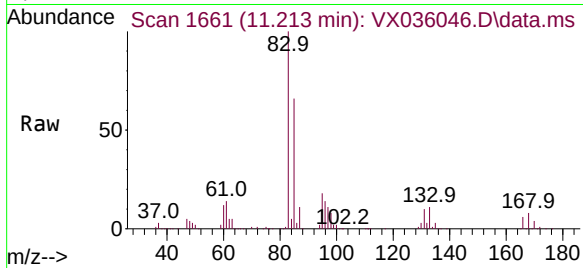




#57
1,1,2,2-Tetrachloroethane
Concen: 53.223 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

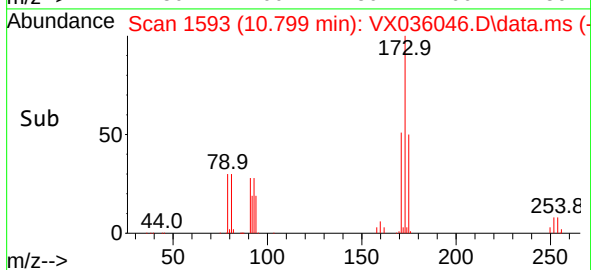
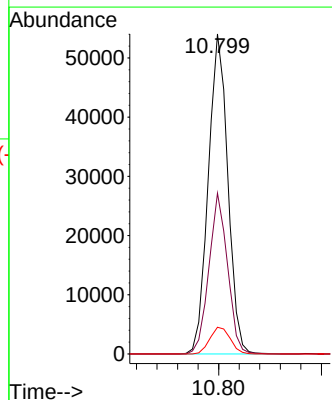
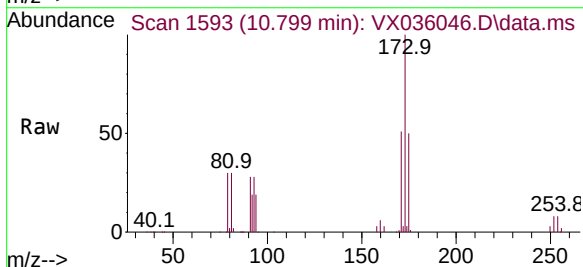
Instrument :
MSVOA_X
ClientSampleId :
F6C08MS

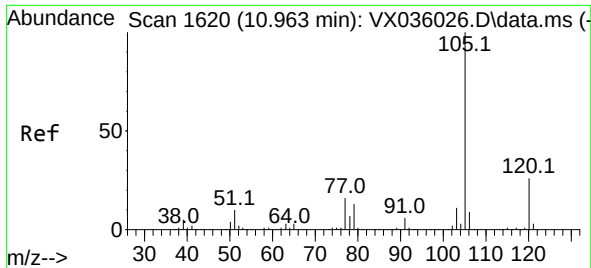
Tgt Ion: 83 Resp: 191555
Ion Ratio Lower Upper
83 100
85 66.0 45.6 84.8
131 10.5 8.1 12.1



#59
Bromoform
Concen: 50.568 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

Tgt Ion:173 Resp: 71412
Ion Ratio Lower Upper
173 100
175 47.8 38.2 57.2
254 8.7 6.6 10.0

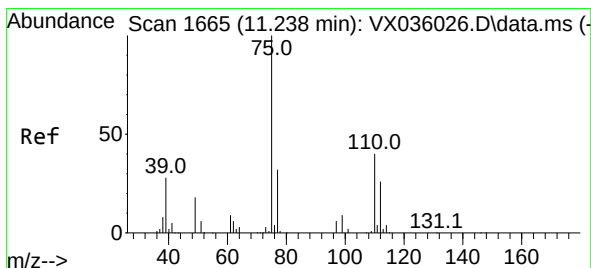
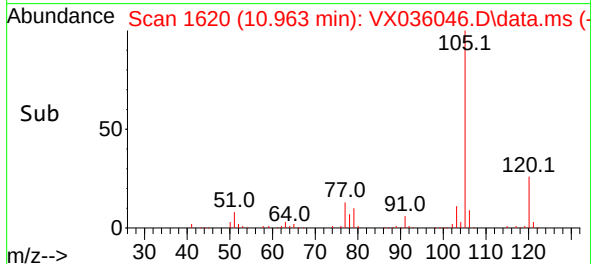
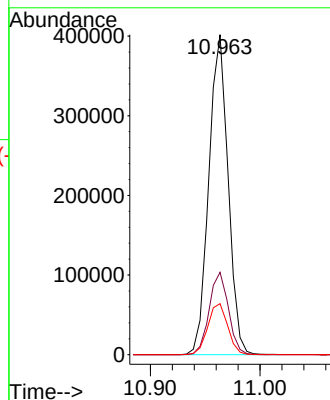
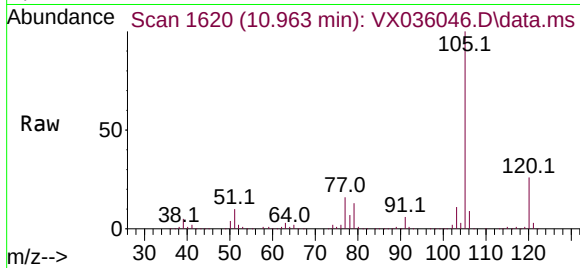




#60
Isopropylbenzene
Concen: 47.360 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

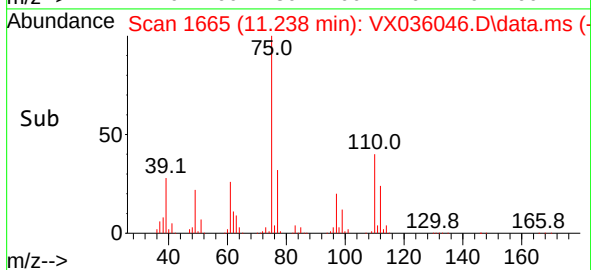
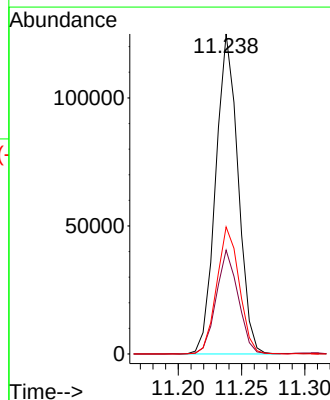
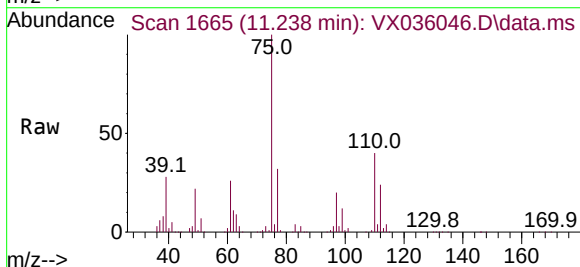
Instrument :
MSVOA_X
ClientSampleId :
F6C08MS

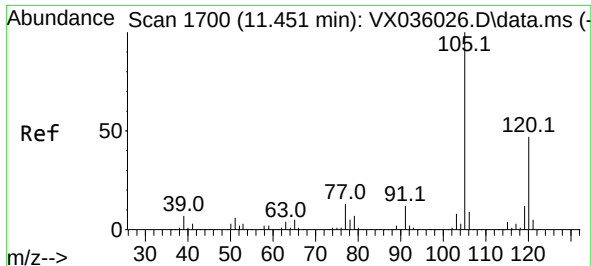
Tgt Ion:105 Resp: 489708
Ion Ratio Lower Upper
105 100
120 25.8 20.9 31.3
77 16.6 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 53.119 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

Tgt Ion: 75 Resp: 153435
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
110 39.9 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 49.474 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036046.D

Acq: 06 Jun 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

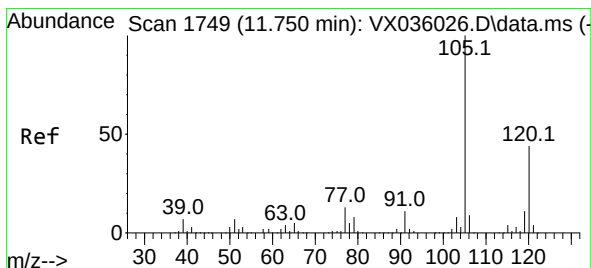
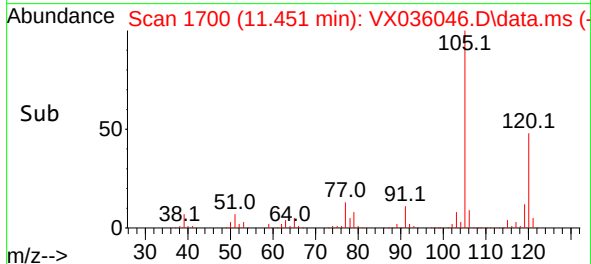
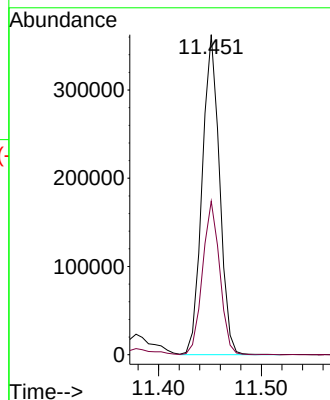
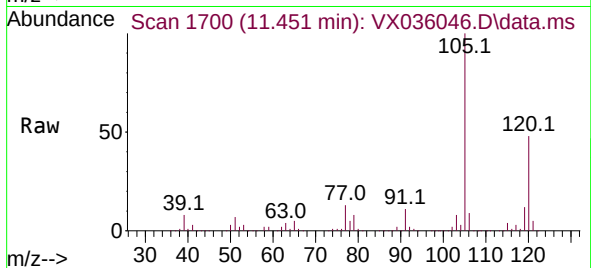
F6C08MS

Tgt Ion:105 Resp: 425487

Ion Ratio Lower Upper

105 100

120 47.5 37.0 55.4



#63

1,2,4-Trimethylbenzene

Concen: 53.381 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036046.D

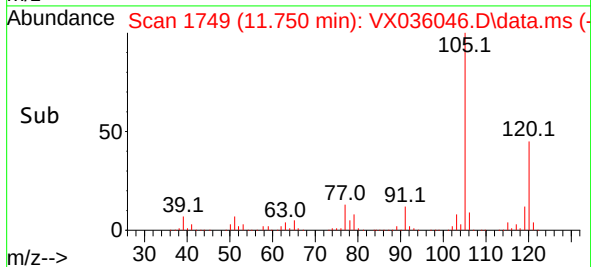
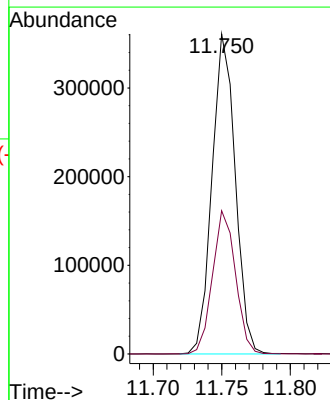
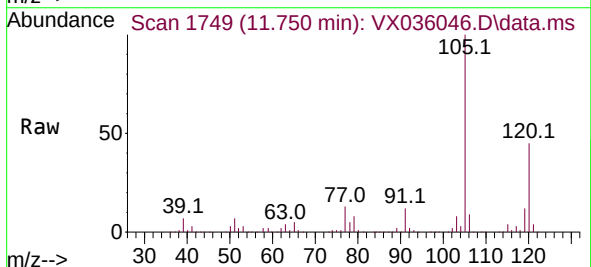
Acq: 06 Jun 2023 20:28

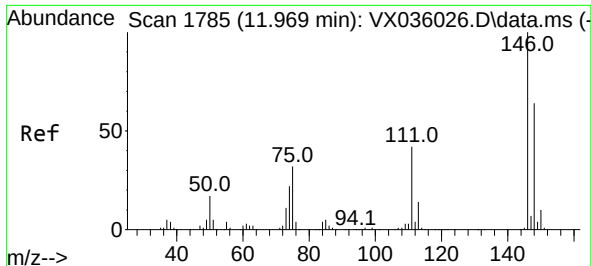
Tgt Ion:105 Resp: 424830

Ion Ratio Lower Upper

105 100

120 44.4 35.0 52.6

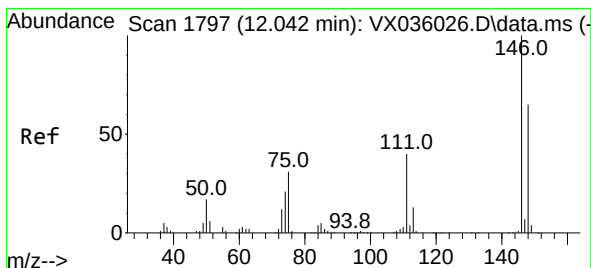
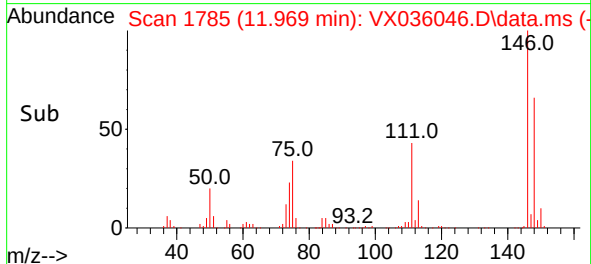
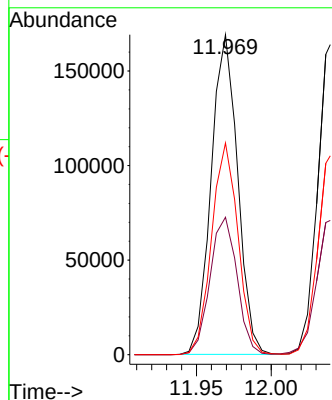
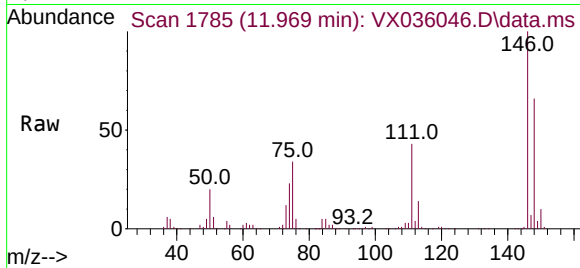




#64
1,3-Dichlorobenzene
Concen: 46.470 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

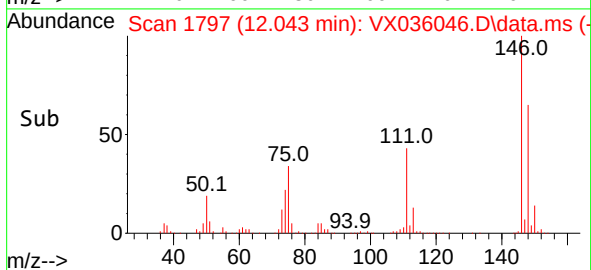
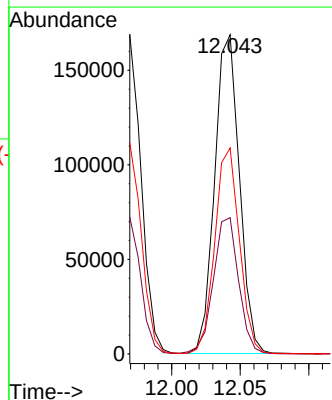
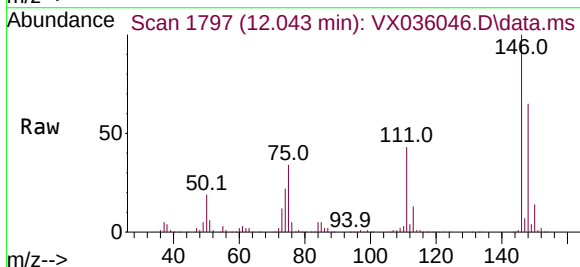
Instrument :
MSVOA_X
ClientSampleId :
F6C08MS

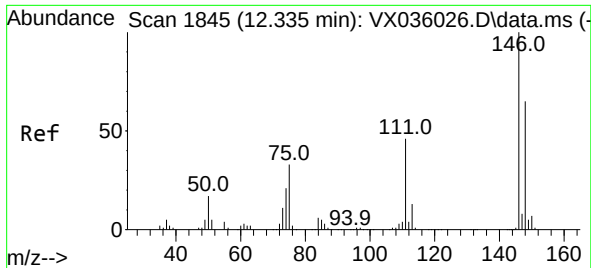
Tgt Ion:146 Resp: 208077
Ion Ratio Lower Upper
146 100
111 43.0 30.9 57.3
148 66.2 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 46.186 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

Tgt Ion:146 Resp: 211536
Ion Ratio Lower Upper
146 100
111 42.7 28.8 53.4
148 64.5 44.5 82.7

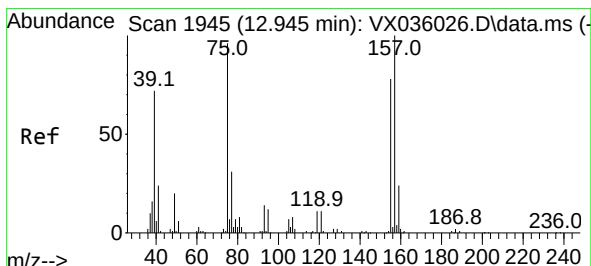
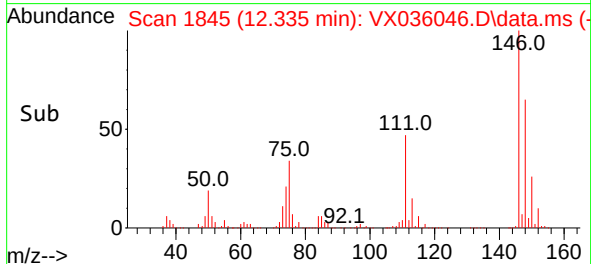
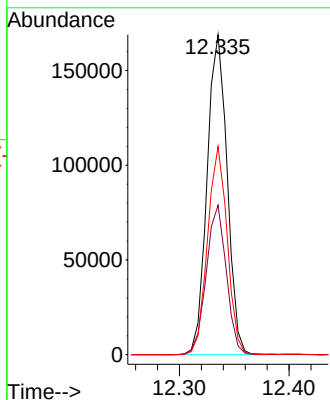
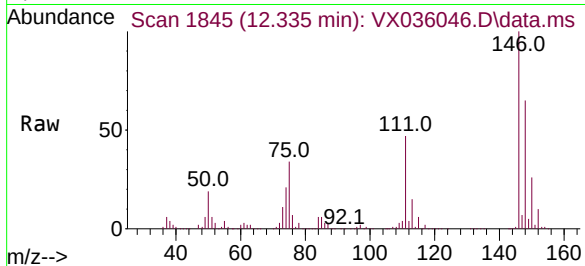




#67
1,2-Dichlorobenzene
Concen: 49.160 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

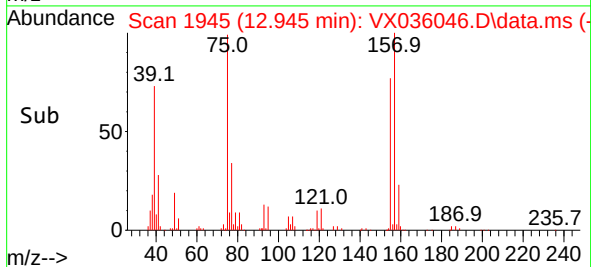
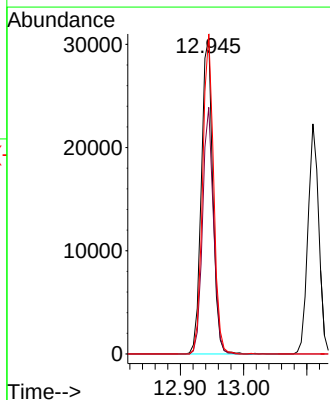
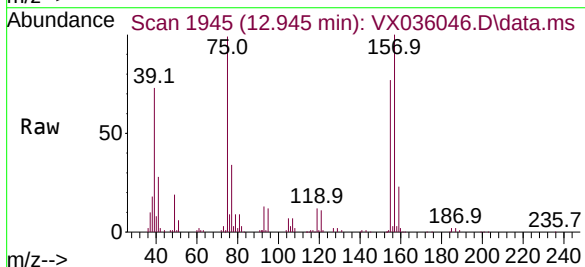
Instrument :
MSVOA_X
ClientSampleId :
F6C08MS

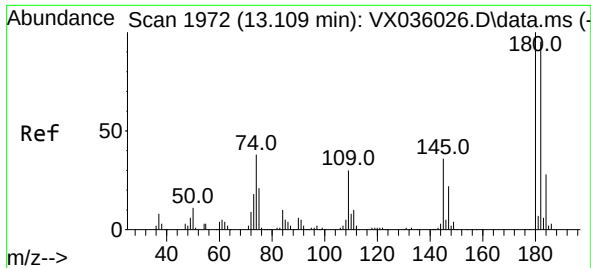
Tgt Ion:146 Resp: 215035
Ion Ratio Lower Upper
146 100
111 46.7 37.0 55.4
148 65.1 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 52.581 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX036046.D
Acq: 06 Jun 2023 20:28

Tgt Ion: 75 Resp: 38357
Ion Ratio Lower Upper
75 100
155 77.9 57.0 85.6
157 101.1 75.2 112.8

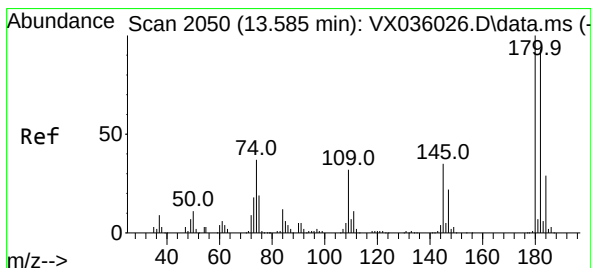
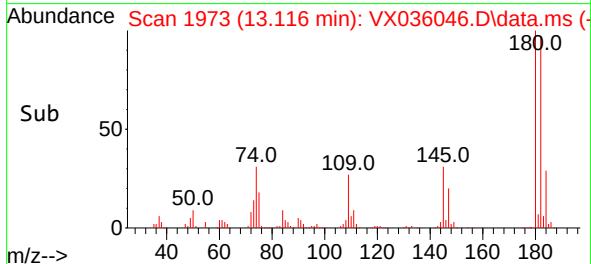
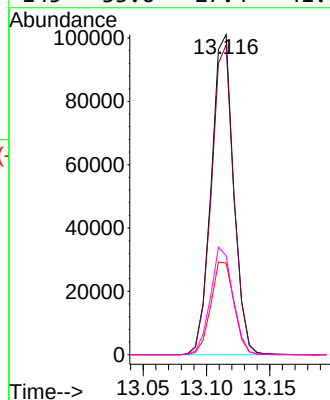
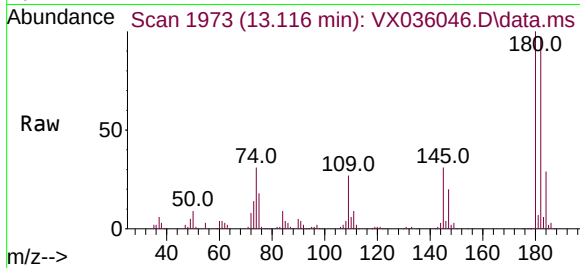




#69
 1,3,5-Trichlorobenzene
 Concen: 45.252 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.006 min
 Lab File: VX036046.D
 Acq: 06 Jun 2023 20:28

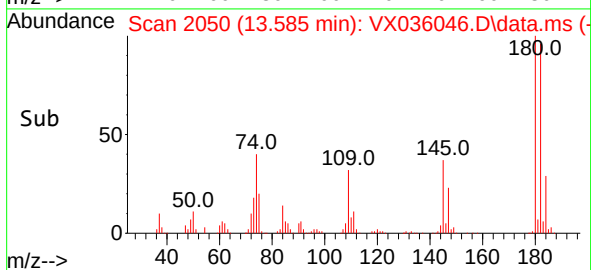
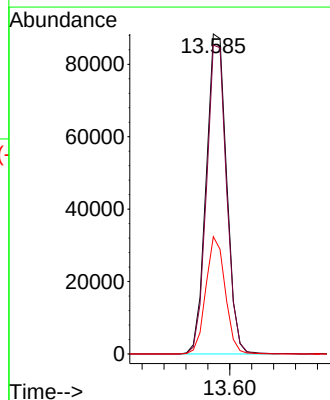
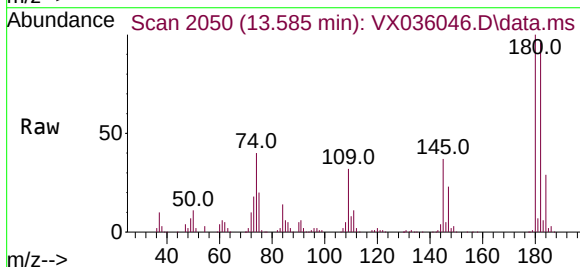
Instrument :
 MSVOA_X
 ClientSampleId :
 F6C08MS

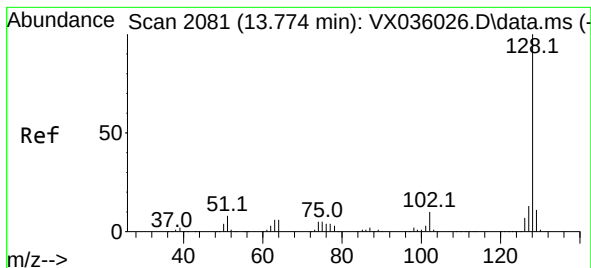
Tgt Ion:180	Resp:	124021
Ion Ratio	Lower	Upper
180	100	
182	96.6	76.0 114.0
184	30.2	23.8 35.8
145	33.6	27.4 41.0



#70
 1,2,4-trichlorobenzene
 Concen: 45.524 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX036046.D
 Acq: 06 Jun 2023 20:28

Tgt Ion:180	Resp:	113970
Ion Ratio	Lower	Upper
180	100	
182	94.7	74.6 112.0
145	34.8	28.6 42.8





#71

Naphthalene

Concen: 52.631 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036046.D

Acq: 06 Jun 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

F6C08MS

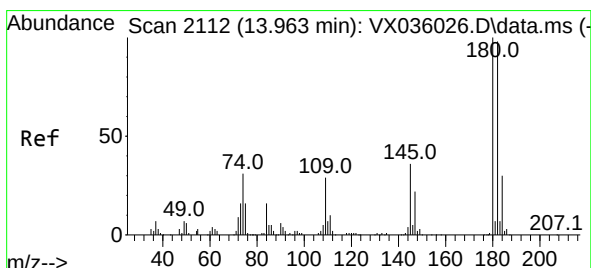
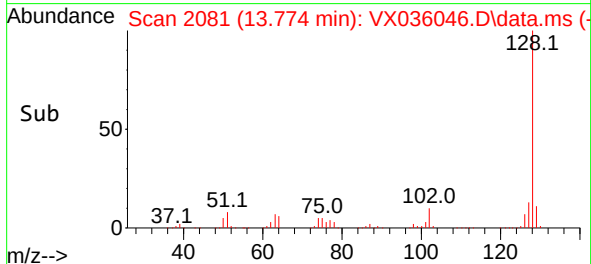
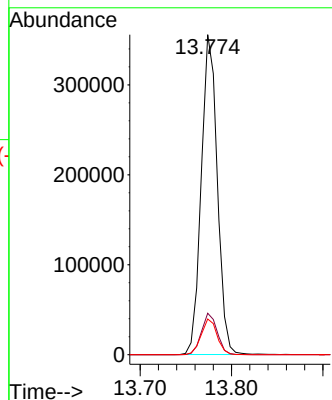
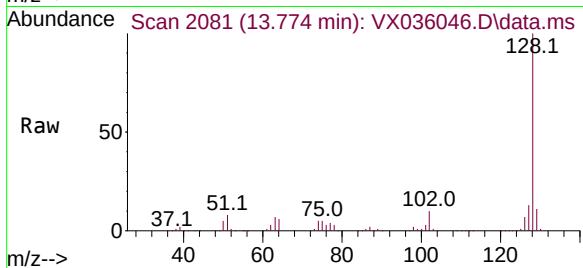
Tgt Ion:128 Resp: 433350

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 46.045 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX036046.D

Acq: 06 Jun 2023 20:28

Tgt Ion:180 Resp: 114625

Ion Ratio Lower Upper

180 100

182 95.9 75.4 113.2

145 36.5 29.4 44.0

