

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037306.D
 Acq On : 28 Aug 2023 19:50
 Operator : JC/MD
 Sample : 04126-11MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D1-20230819MSD

Quant Time: Aug 29 01:03:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	86036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	176927	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86696	69.896	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	139.800%#
35) Dibromofluoromethane	5.385	113	70935	60.538	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	121.080%
50) Toluene-d8	8.647	98	237374	55.848	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	111.700%
62) 4-Bromofluorobenzene	11.079	95	101424	60.721	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	121.440%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	44888	44.915	ug/l	99
3) Chloromethane	1.301	50	65804	75.261	ug/l	95
4) Vinyl Chloride	1.374	62	59657	62.684	ug/l	98
5) Bromomethane	1.593	94	28893	60.948	ug/l	96
6) Chloroethane	1.666	64	26456	47.239	ug/l	96
7) Trichlorofluoromethane	1.874	101	73010	46.832	ug/l	97
8) Diethyl Ether	2.136	74	44657	74.039	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.319	101	37988	41.769	ug/l	97
10) Methyl Iodide	2.447	142	76738	69.423	ug/l	94
11) Tert butyl alcohol	2.983	59	113176	388.974	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	49585	55.987	ug/l	83
13) Acrolein	2.239	56	70186	317.087	ug/l	99
14) Allyl chloride	2.660	41	90054	65.693	ug/l #	88
15) Acrylonitrile	3.063	53	206186	397.025	ug/l	99
16) Acetone	2.386	43	174827	360.288	ug/l #	89
17) Carbon Disulfide	2.502	76	118705	52.693	ug/l	99
18) Methyl Acetate	2.703	43	128815	70.505	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	242634	72.235	ug/l	96
20) Methylene Chloride	2.788	84	76648	70.634	ug/l #	84
21) trans-1,2-Dichloroethene	3.087	96	61385	60.971	ug/l	86
22) Diisopropyl ether	3.764	45	196363	69.806	ug/l #	80
23) Vinyl Acetate	3.721	43	725880	336.735	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	118487	67.169	ug/l	96
25) 2-Butanone	4.556	43	278058	380.573	ug/l #	86
26) 2,2-Dichloropropane	4.477	77	71752	45.546	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	80325	67.676	ug/l	86
28) Bromochloromethane	4.898	49	54326	68.940	ug/l #	77
29) Tetrahydrofuran	5.007	42	176243	378.249	ug/l #	83
30) Chloroform	5.093	83	132599	66.962	ug/l	95
31) Cyclohexane	5.465	56	63153	45.281	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	103283	58.204	ug/l	96
36) 1,1-Dichloropropene	5.690	75	75076	45.098	ug/l	97
37) Ethyl Acetate	4.715	43	98289	57.799	ug/l #	92
38) Carbon Tetrachloride	5.678	117	82489	45.615	ug/l	97
39) Methylcyclohexane	7.379	83	66337	37.928	ug/l	91
40) Benzene	6.038	78	272098	56.990	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	56042	63.394	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	109200	58.323	ug/l	94
43) Isopropyl Acetate	6.342	43	158979	58.885	ug/l #	91
44) Trichloroethene	7.123	130	69422	51.278	ug/l	96
45) 1,2-Dichloropropane	7.428	63	70605	59.975	ug/l	99
46) Dibromomethane	7.580	93	56792	61.238	ug/l	95
47) Bromodichloromethane	7.824	83	105197	59.221	ug/l	95
48) Methyl methacrylate	7.696	41	81513	61.910	ug/l #	84
49) 1,4-Dioxane	7.665	88	53194	1500.139	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	538426	328.429	ug/l	90
52) Toluene	8.720	92	176191	55.852	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	110176	58.252	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	116890	57.190	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	82216	64.005	ug/l	99
56) Ethyl methacrylate	9.116	69	129134	64.181	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	136415	62.997	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.366	63	625	0.647	ug/l #	47
59) 2-Hexanone	9.433	43	420094	336.075	ug/l	86
60) Dibromochloromethane	9.519	129	86794	63.463	ug/l	100
61) 1,2-Dibromoethane	9.610	107	89719	63.793	ug/l	99
64) Tetrachloroethene	9.275	164	49342	38.578	ug/l	97
65) Chlorobenzene	10.080	112	198188	53.484	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	77908	56.966	ug/l	99
67) Ethyl Benzene	10.195	91	325001	49.844	ug/l	99
68) m/p-Xylenes	10.299	106	255259	101.374	ug/l	98
69) o-Xylene	10.640	106	134194	54.017	ug/l	97
70) Styrene	10.653	104	229986	56.201	ug/l	97
71) Bromoform	10.799	173	64829	63.371	ug/l #	99
73) Isopropylbenzene	10.964	105	313735	48.360	ug/l	99
74) N-amyl acetate	10.842	43	138973	55.131	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	135849	62.179	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	145618	76.608	ug/l	91
77) Bromobenzene	11.201	156	88527	55.874	ug/l	93
78) n-propylbenzene	11.305	91	344193	47.647	ug/l	99
79) 2-Chlorotoluene	11.366	91	240698	52.140	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	274610	50.744	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	38028	55.878	ug/l	86
82) 4-Chlorotoluene	11.451	91	273074	51.245	ug/l	98
83) tert-Butylbenzene	11.713	119	278106	53.885	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	284977	52.105	ug/l	96
85) sec-Butylbenzene	11.890	105	296078	49.114	ug/l	99
86) p-Isopropyltoluene	12.006	119	259014	49.911	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	155596	52.454	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	158034	51.566	ug/l	99
89) n-Butylbenzene	12.329	91	196877	45.759	ug/l	99
90) Hexachloroethane	12.536	117	47684	55.051	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	165049	56.821	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32447	63.915	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	89408	52.605	ug/l	98
94) Hexachlorobutadiene	13.725	225	27179	41.394	ug/l	99
95) Naphthalene	13.774	128	377579	50.716	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	95400	56.498	ug/l	100

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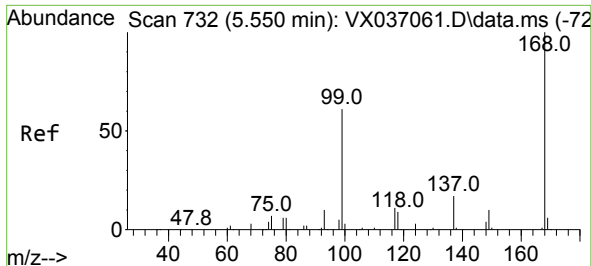
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QLast Update : Fri Aug 18 09:30:38 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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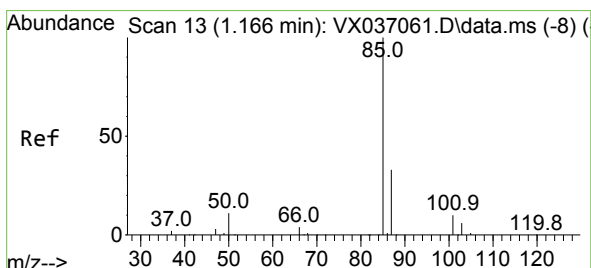
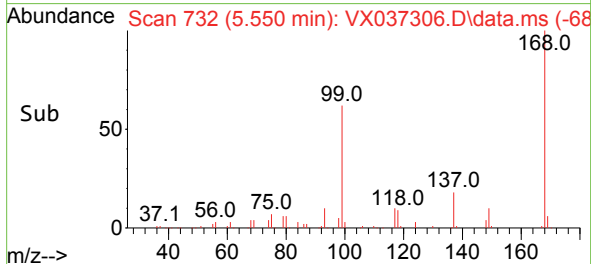
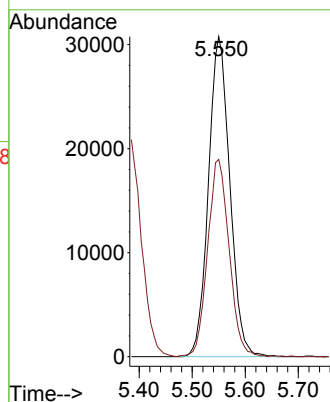
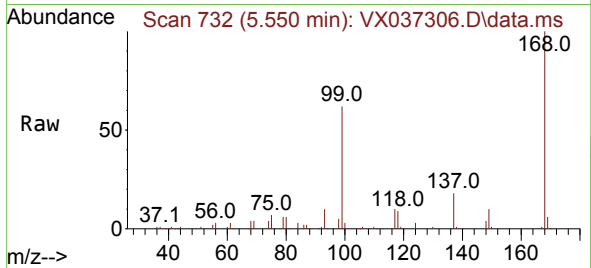




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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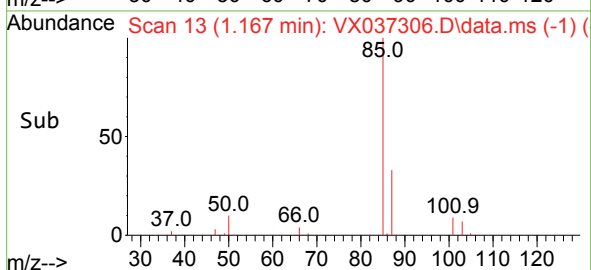
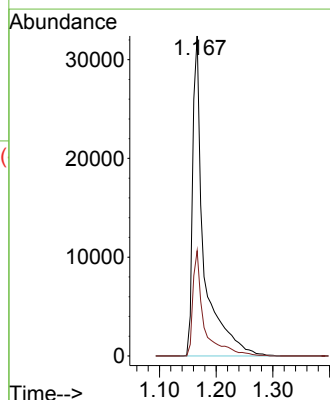
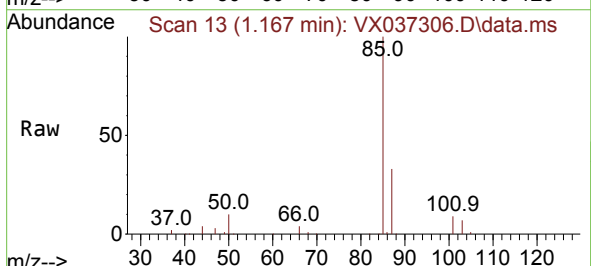
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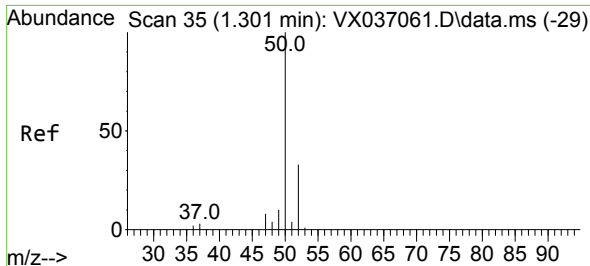
Tgt Ion:168 Resp: 86036
Ion Ratio Lower Upper
168 100
99 61.4 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 44.915 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion: 85 Resp: 44888
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.1

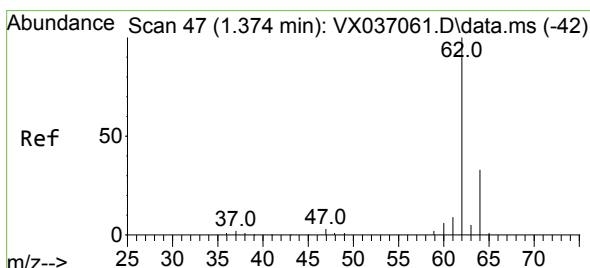
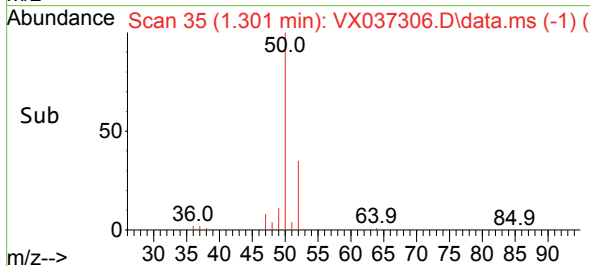
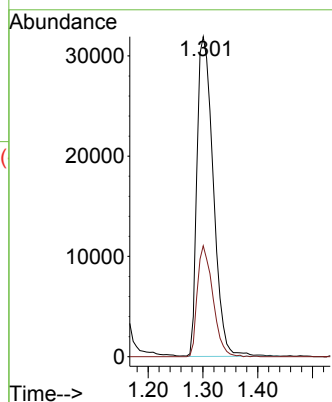
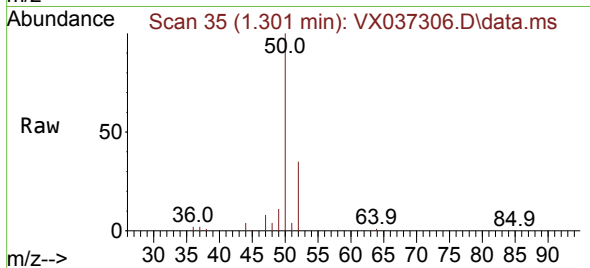




#3
Chloromethane
Concen: 75.261 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

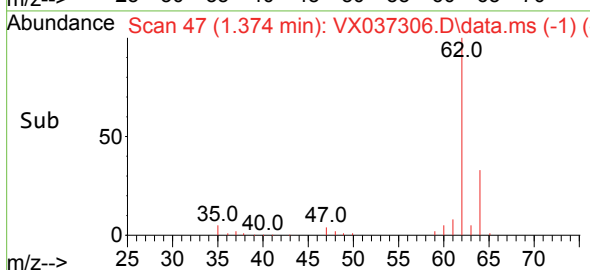
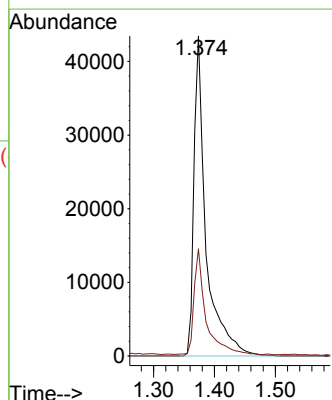
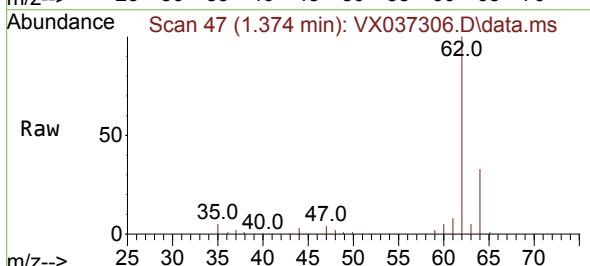
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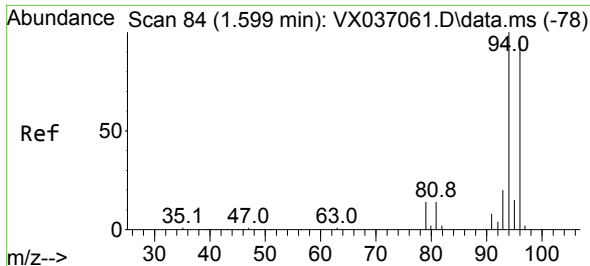
Tgt Ion: 50 Resp: 65804
Ion Ratio Lower Upper
50 100
52 34.7 25.5 38.3



#4
Vinyl Chloride
Concen: 62.684 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion: 62 Resp: 59657
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.0

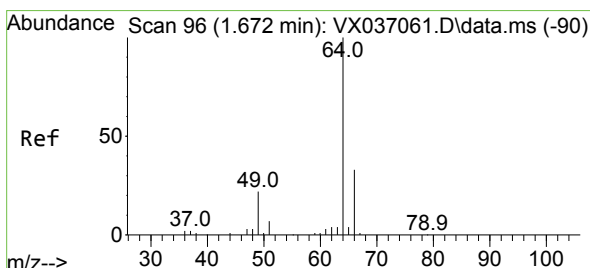
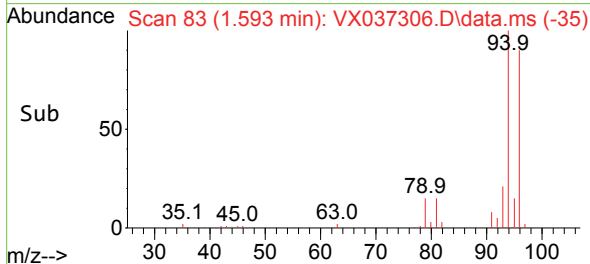
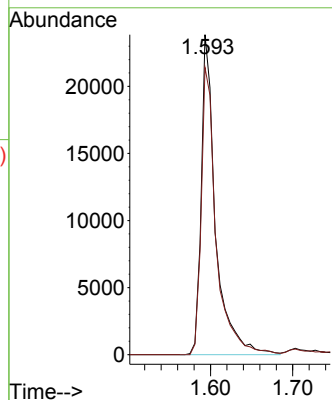
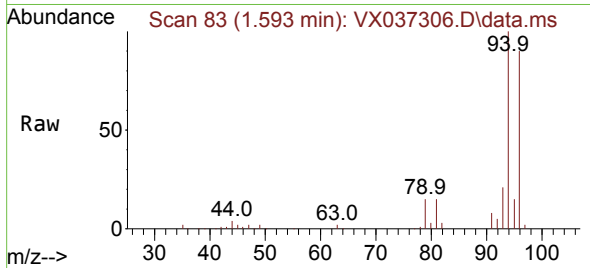




#5
Bromomethane
Concen: 60.948 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

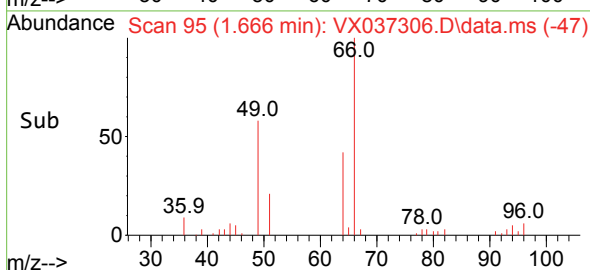
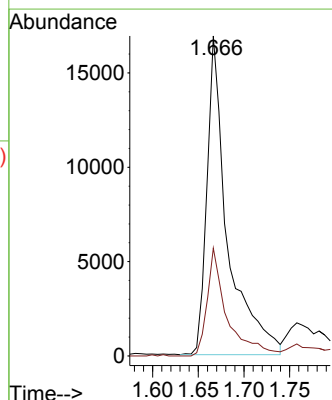
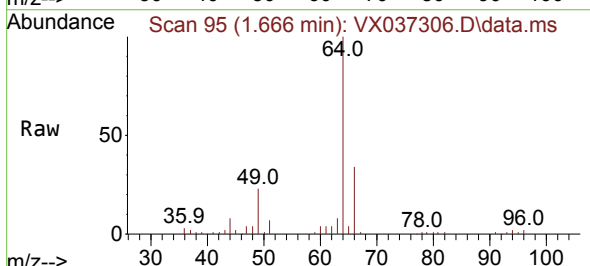
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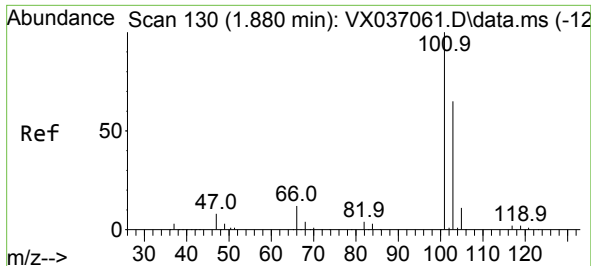
Tgt Ion: 94 Resp: 28893
Ion Ratio Lower Upper
94 100
96 89.8 74.6 111.8



#6
Chloroethane
Concen: 47.239 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.006 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion: 64 Resp: 26456
Ion Ratio Lower Upper
64 100
66 33.8 25.1 37.7

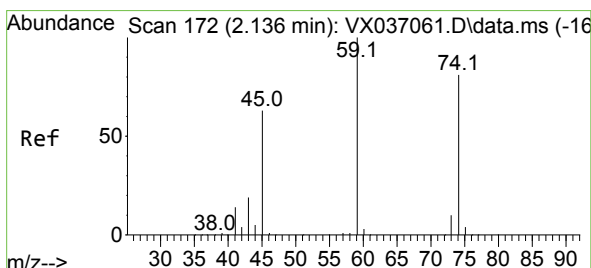
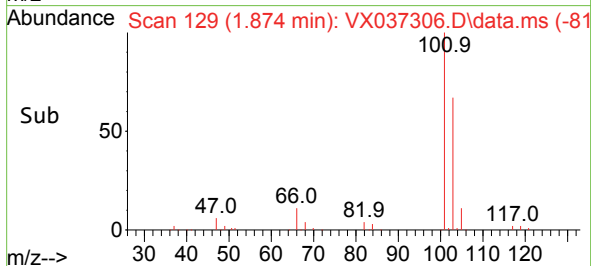
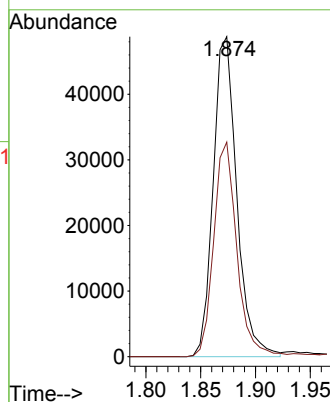
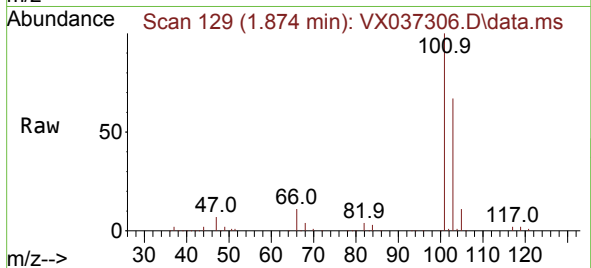




#7
 Trichlorofluoromethane
 Concen: 46.832 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX037306.D
 Acq: 28 Aug 2023 19:50

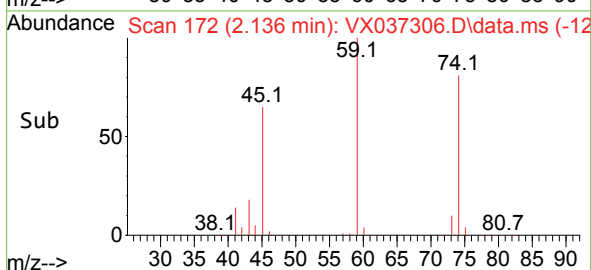
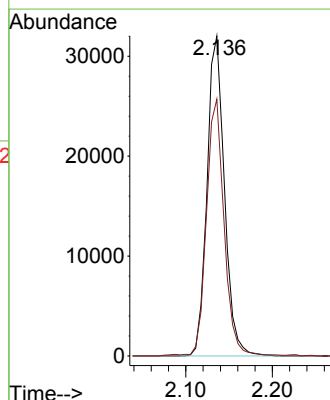
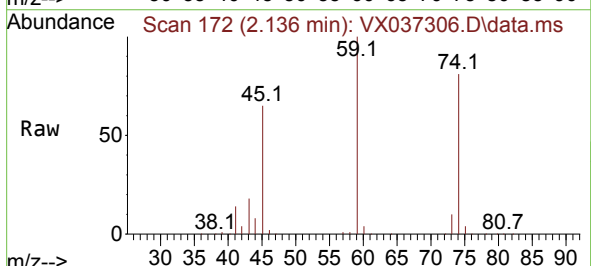
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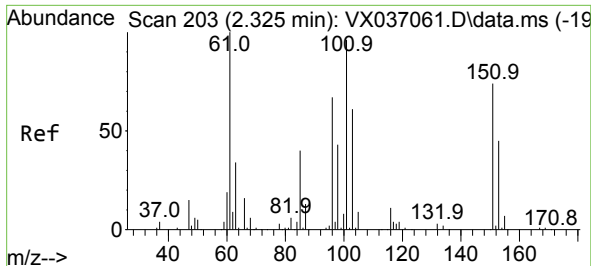
Tgt Ion:101 Resp: 73010
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.4 77.2



#8
 Diethyl Ether
 Concen: 74.039 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 44657
 Ion Ratio Lower Upper
 74 100
 45 81.7 53.3 159.8

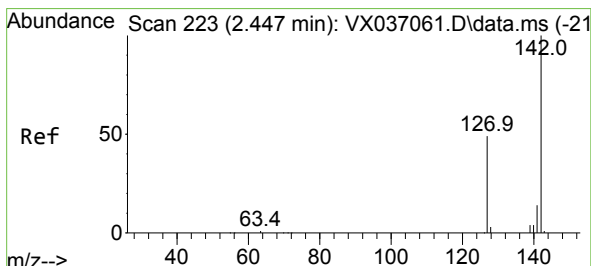
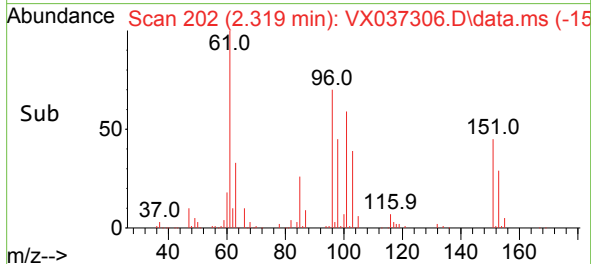
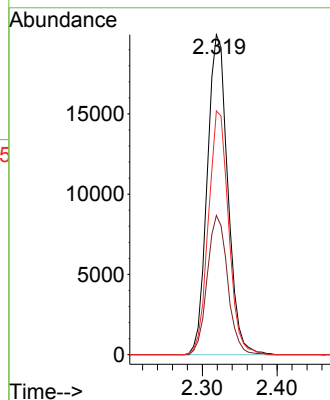
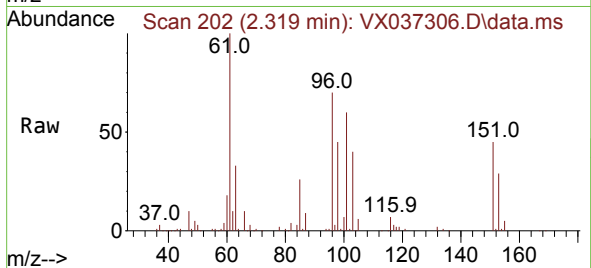




#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.769 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX037306.D
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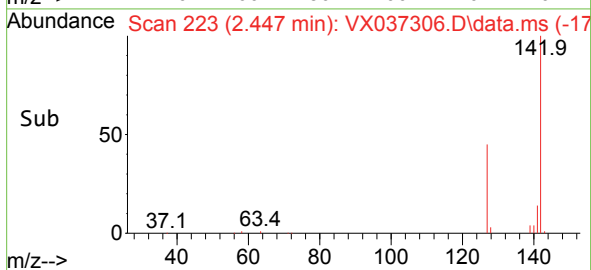
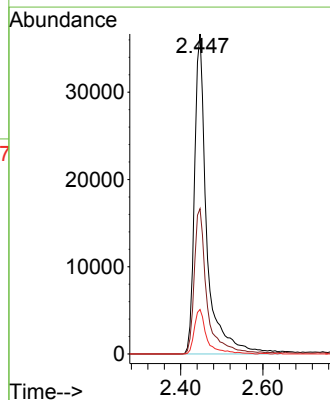
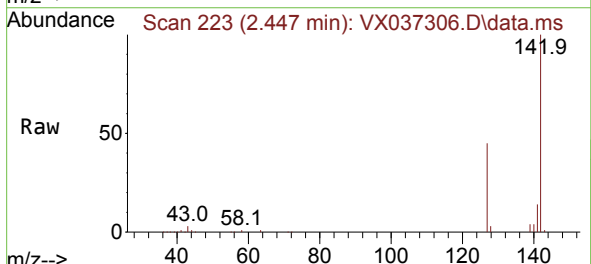
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819MSD

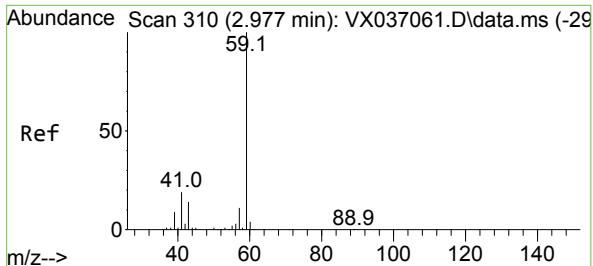
Tgt Ion:101 Resp: 37988
Ion Ratio Lower Upper
101 100
85 43.3 37.0 55.6
151 75.0 58.6 87.8



#10
Methyl Iodide
Concen: 69.423 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion:142 Resp: 76738
Ion Ratio Lower Upper
142 100
127 46.5 41.6 62.4
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 388.974 ug/l

RT: 2.983 min Scan# 310

Delta R.T. 0.006 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

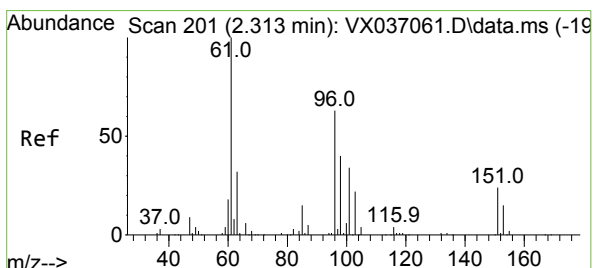
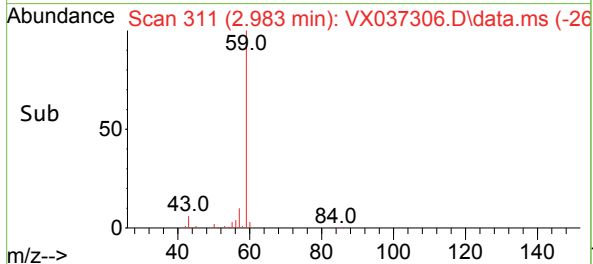
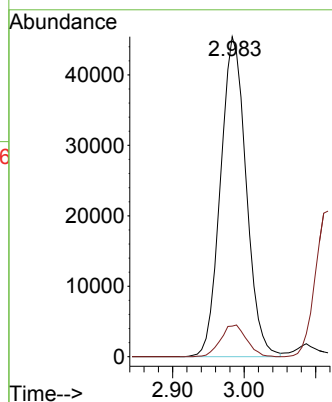
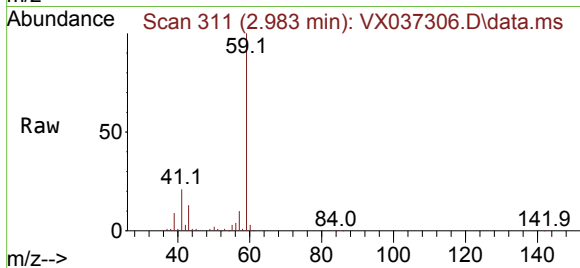
MW201D1-20230819MSD

Tgt Ion: 59 Resp: 113176

Ion Ratio Lower Upper

59 100

57 10.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 55.987 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

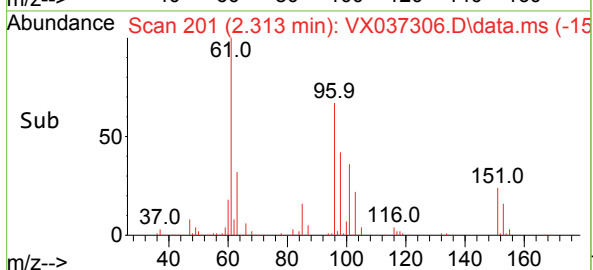
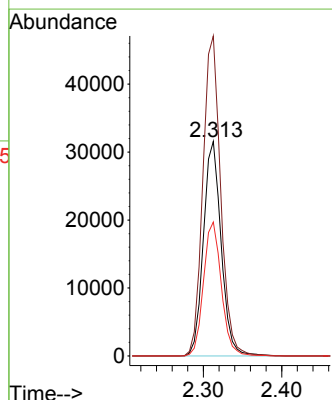
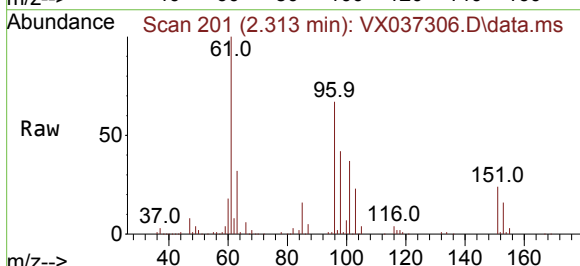
Tgt Ion: 96 Resp: 49585

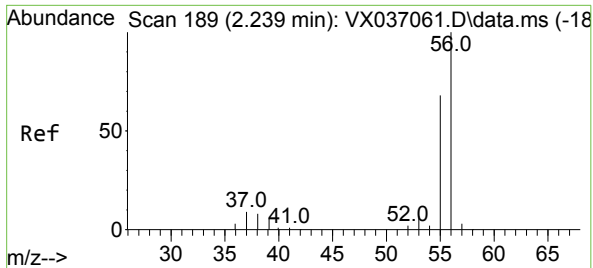
Ion Ratio Lower Upper

96 100

61 149.2 144.6 216.8

98 62.4 50.4 75.6





#13

Acrolein

Concen: 317.087 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

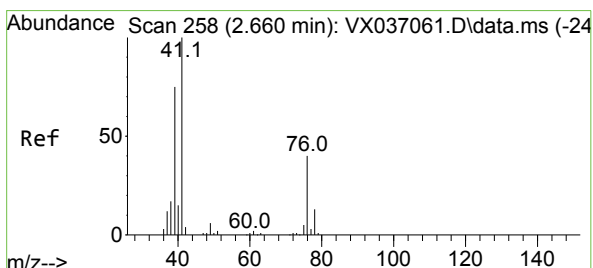
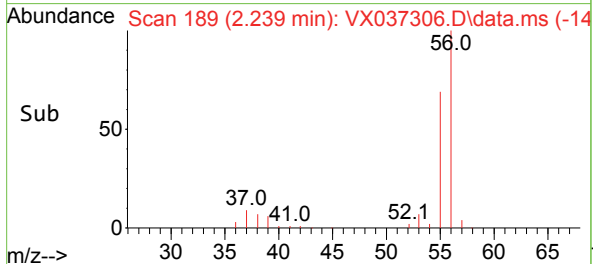
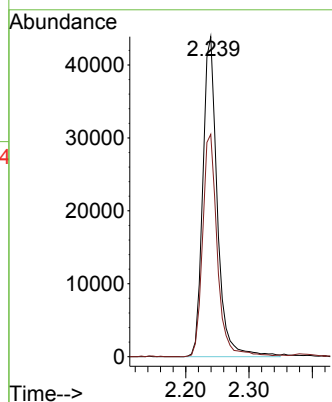
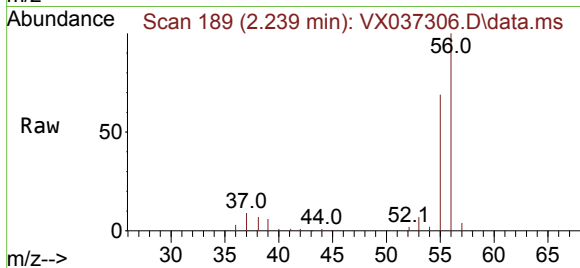
MW201D1-20230819MSD

Tgt Ion: 56 Resp: 70186

Ion Ratio Lower Upper

56 100

55 70.4 57.1 85.7



#14

Allyl chloride

Concen: 65.693 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

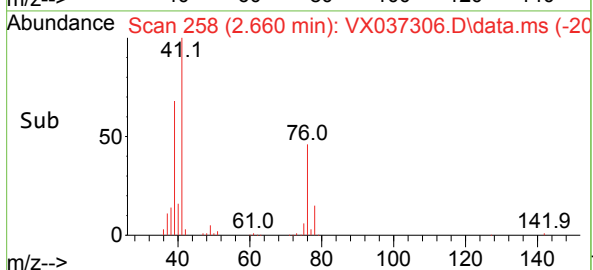
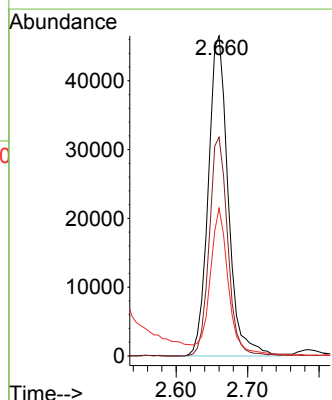
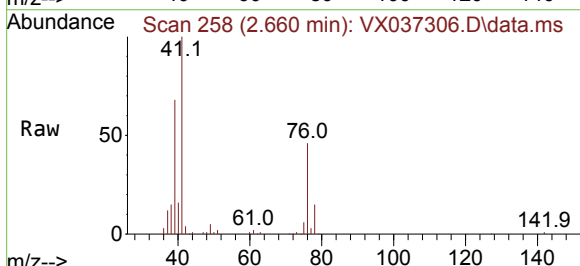
Tgt Ion: 41 Resp: 90054

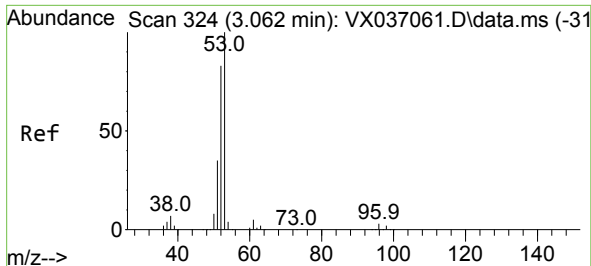
Ion Ratio Lower Upper

41 100

39 63.5 55.8 83.6

76 42.6 24.3 36.5#

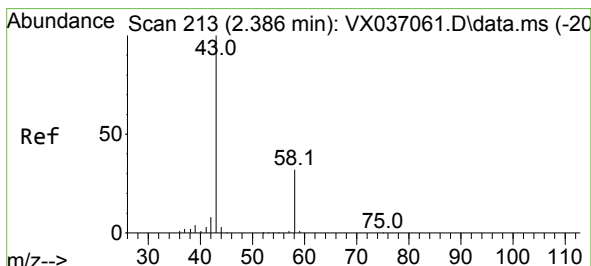
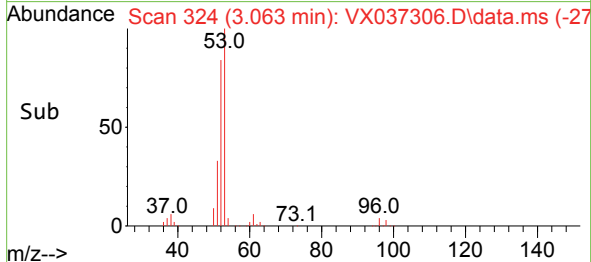
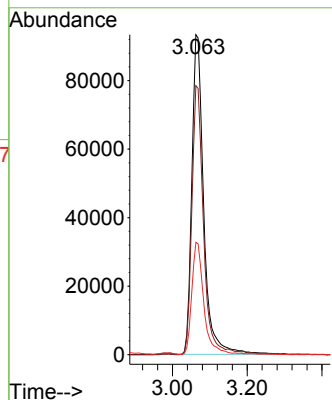
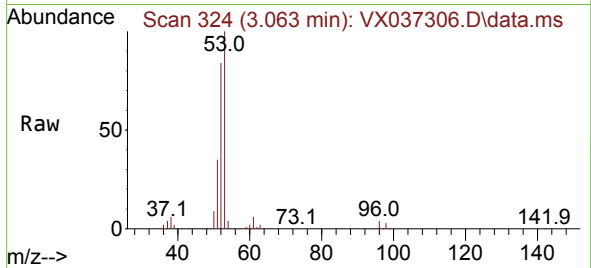




#15
Acrylonitrile
Concen: 397.025 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

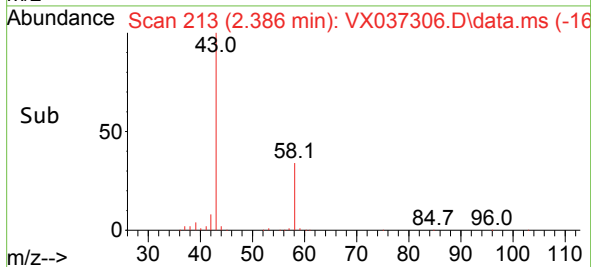
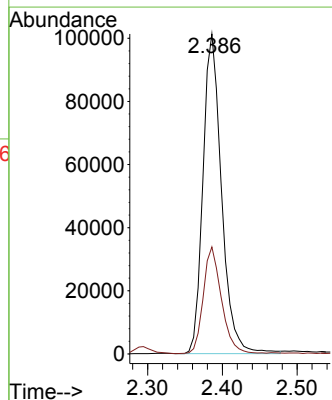
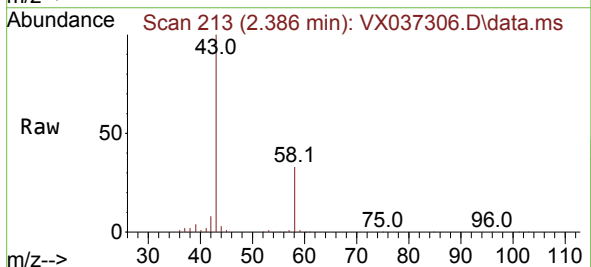
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819MSD

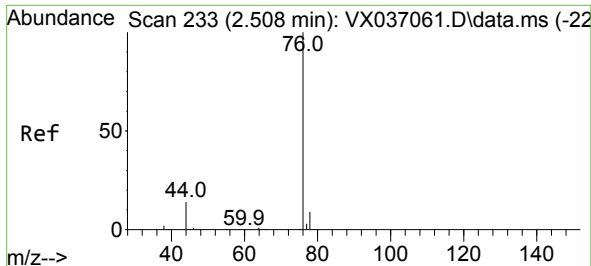
Tgt Ion: 53 Resp: 206186
Ion Ratio Lower Upper
53 100
52 82.8 66.0 99.0
51 35.1 29.8 44.6



#16
Acetone
Concen: 360.288 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion: 43 Resp: 174827
Ion Ratio Lower Upper
43 100
58 33.4 21.9 32.9#





#17

Carbon Disulfide

Concen: 52.693 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

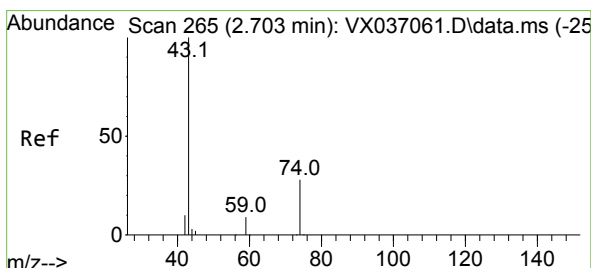
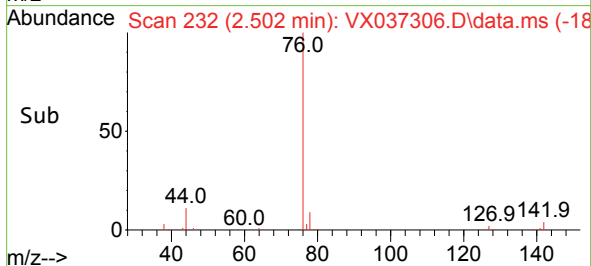
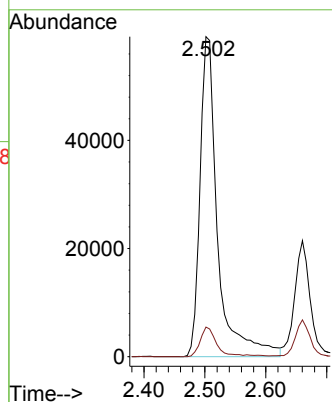
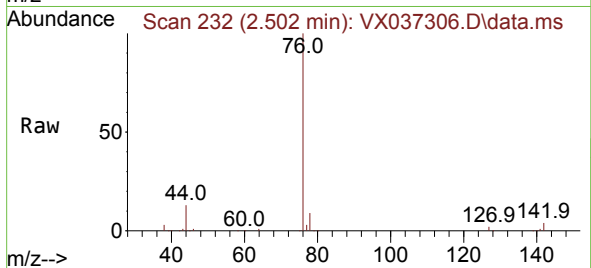
MW201D1-20230819MSD

Tgt Ion: 76 Resp: 118705

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



#18

Methyl Acetate

Concen: 70.505 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX037306.D

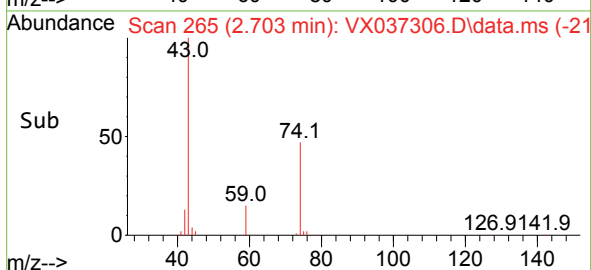
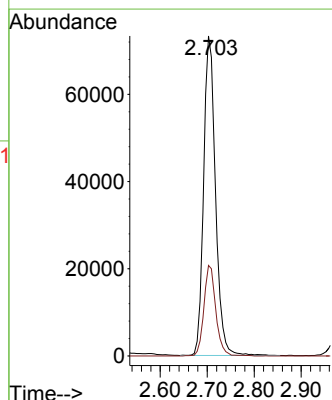
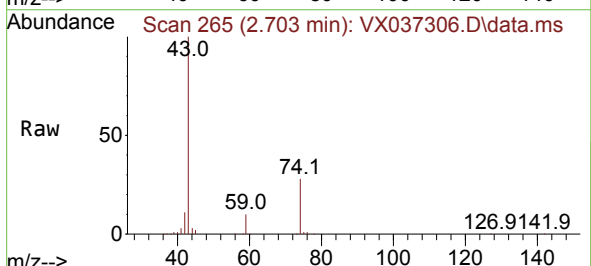
Acq: 28 Aug 2023 19:50

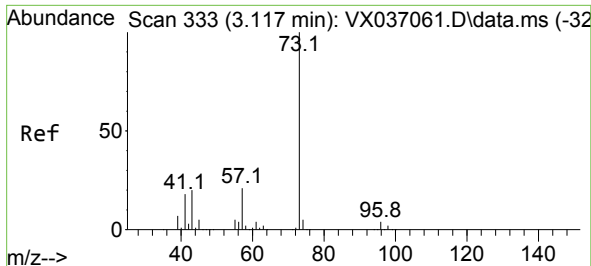
Tgt Ion: 43 Resp: 128815

Ion Ratio Lower Upper

43 100

74 28.5 17.8 26.8#

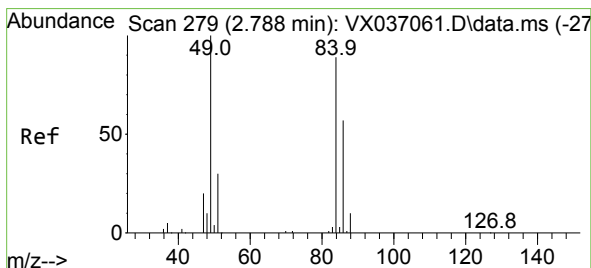
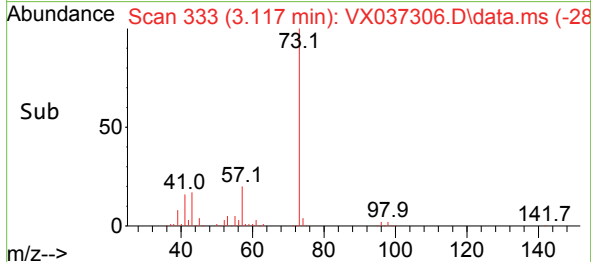
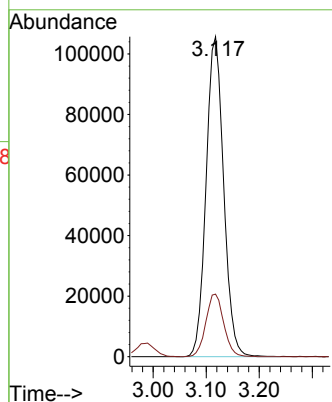
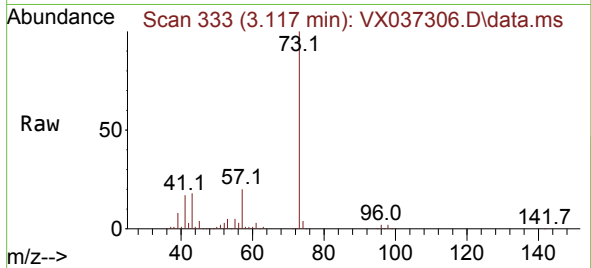




#19
Methyl tert-butyl Ether
Concen: 72.235 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

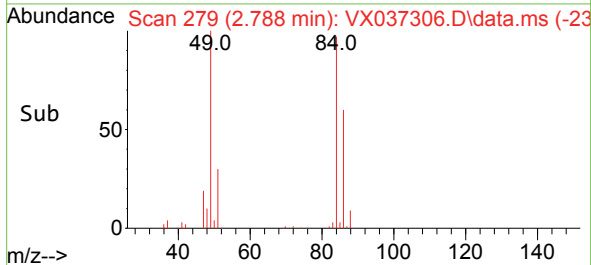
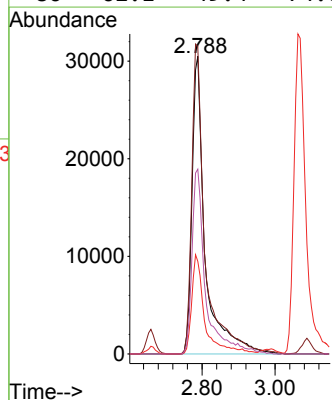
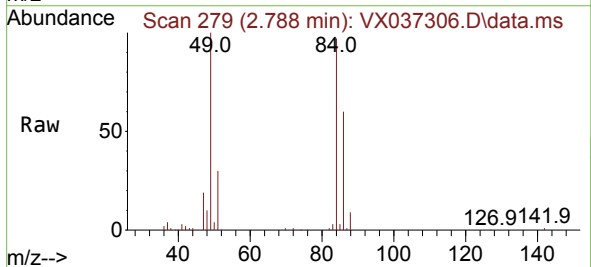
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819MSD

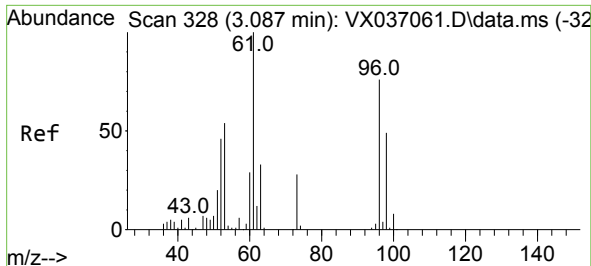
Tgt Ion: 73 Resp: 242634
Ion Ratio Lower Upper
73 100
57 19.5 17.3 25.9



#20
Methylene Chloride
Concen: 70.634 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion: 84 Resp: 76648
Ion Ratio Lower Upper
84 100
49 103.3 103.6 155.4#
51 31.1 33.8 50.6#
86 62.1 49.4 74.0

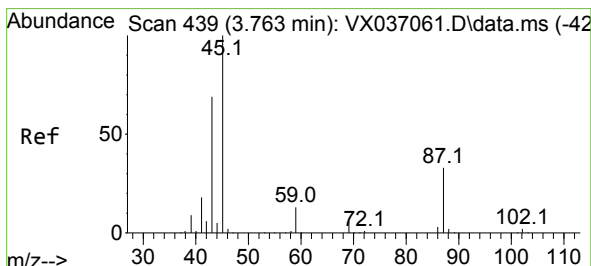
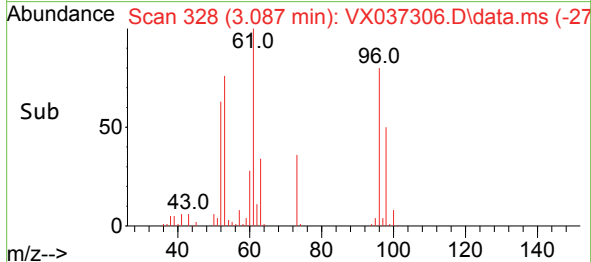
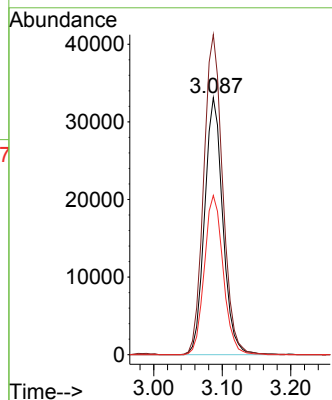
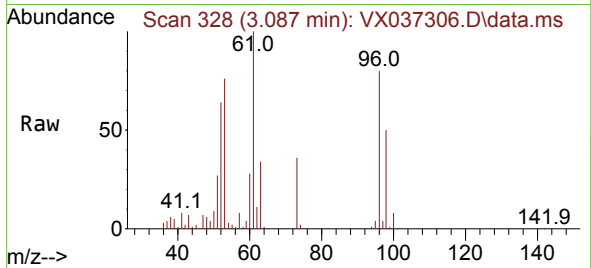




#21
trans-1,2-Dichloroethene
Concen: 60.971 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

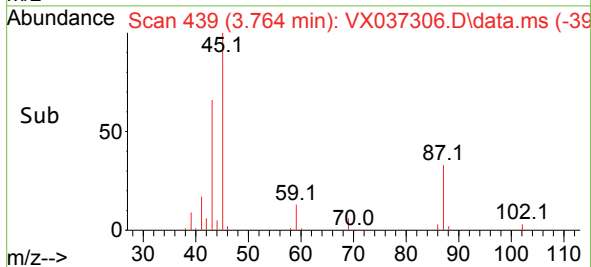
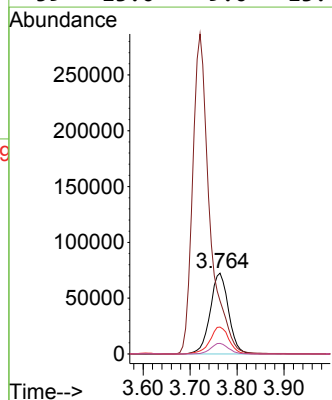
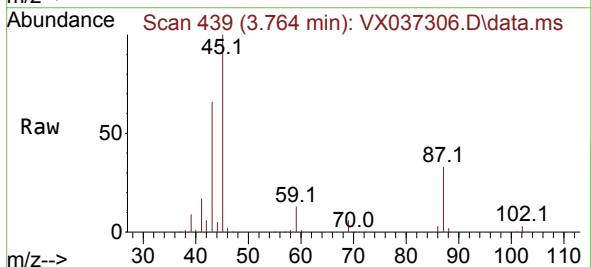
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819MSD

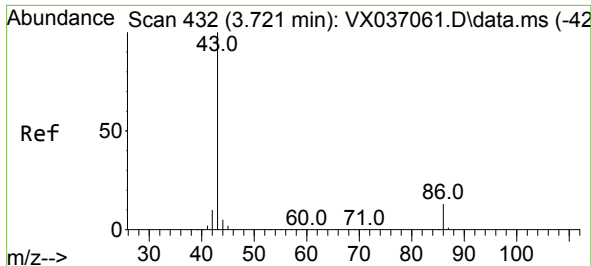
Tgt Ion: 96 Resp: 61385
Ion Ratio Lower Upper
96 100
61 124.5 119.2 178.8
98 61.9 48.7 73.1



#22
Diisopropyl ether
Concen: 69.806 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion: 45 Resp: 196363
Ion Ratio Lower Upper
45 100
43 65.2 69.7 104.5#
87 33.3 20.8 31.2#
59 13.0 9.0 13.4

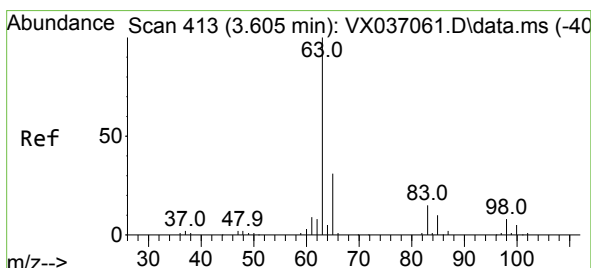
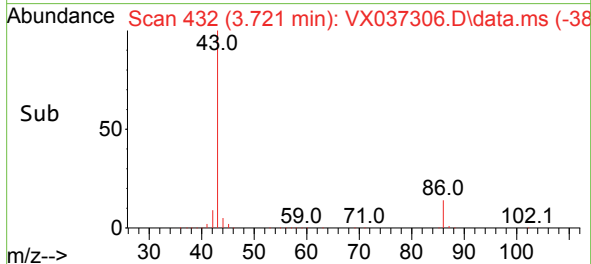
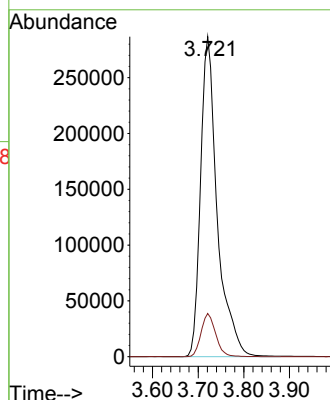
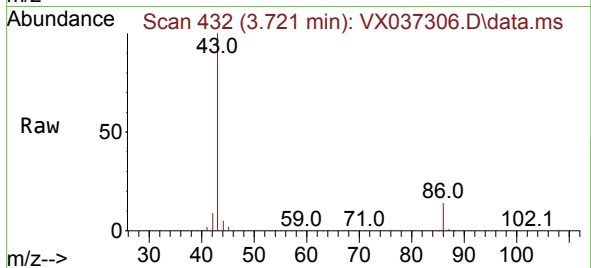




#23
 Vinyl Acetate
 Concen: 336.735 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX037306.D
 Acq: 28 Aug 2023 19:50

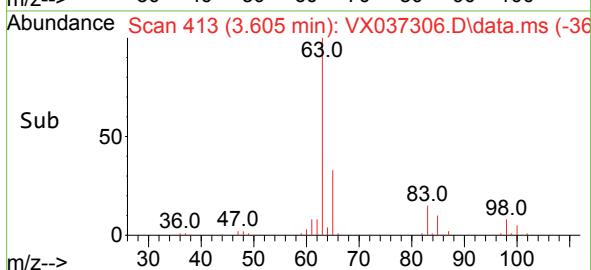
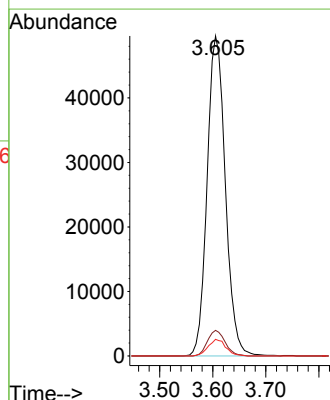
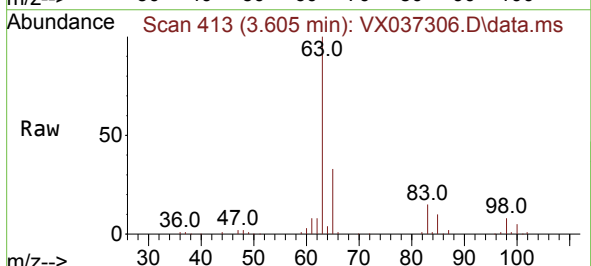
Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D1-20230819MSD

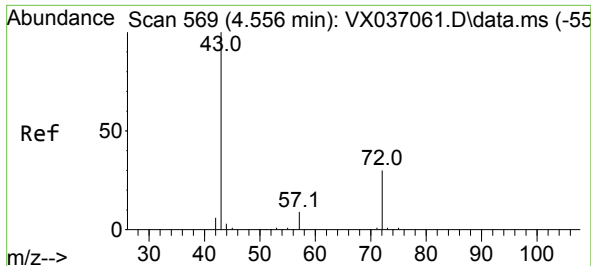
Tgt Ion: 43 Resp: 725880
 Ion Ratio Lower Upper
 43 100
 86 13.5 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 67.169 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX037306.D
 Acq: 28 Aug 2023 19:50

Tgt Ion: 63 Resp: 118487
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.3 9.8
 100 5.2 2.1 6.5

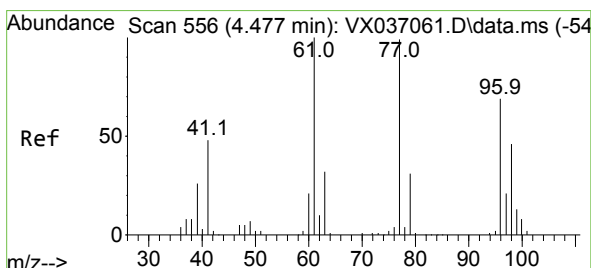
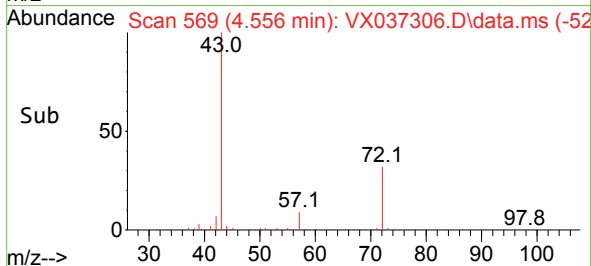
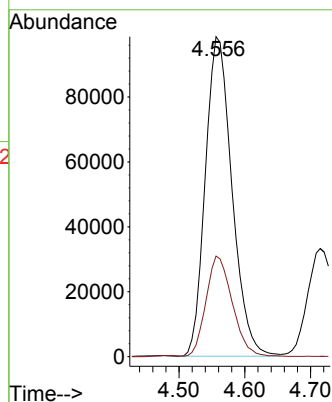
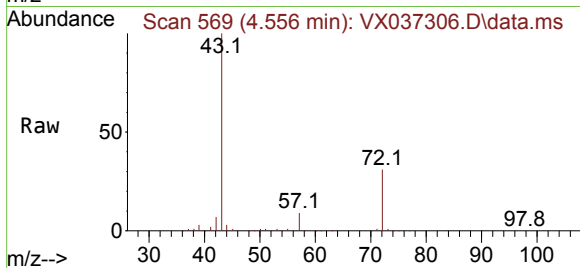




#25
2-Butanone
Concen: 380.573 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

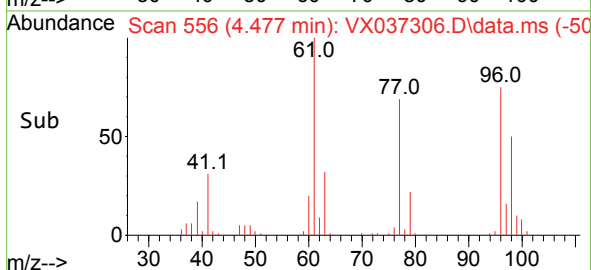
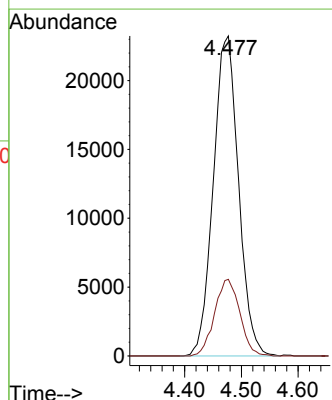
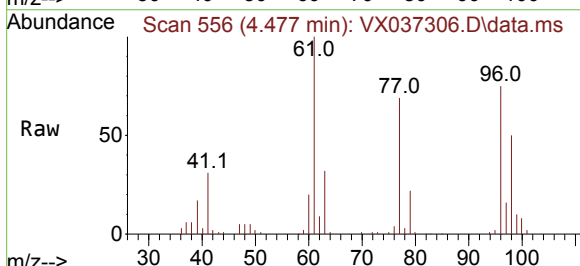
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819MSD

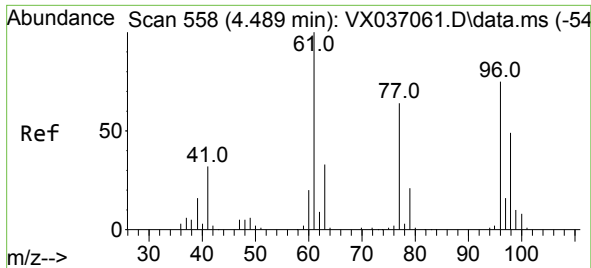
Tgt Ion: 43 Resp: 278058
Ion Ratio Lower Upper
43 100
72 31.3 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 45.546 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion: 77 Resp: 71752
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 67.676 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

MW201D1-20230819MSD

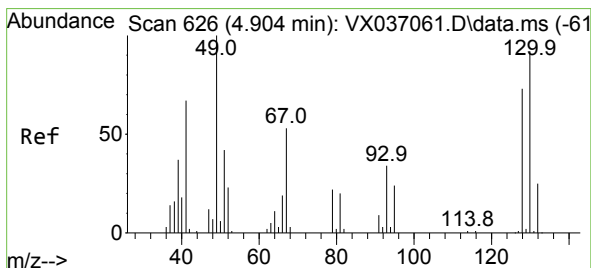
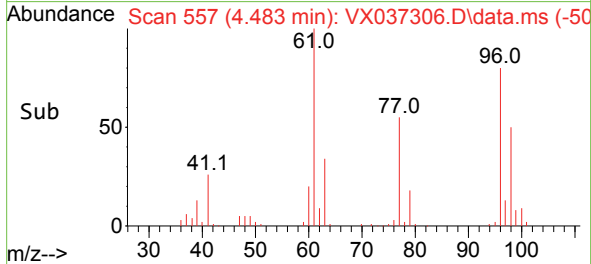
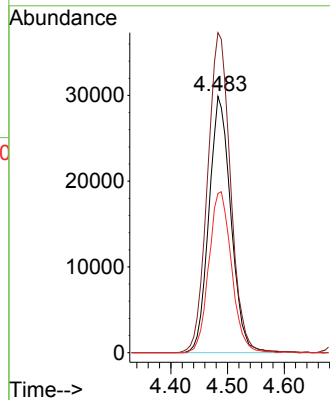
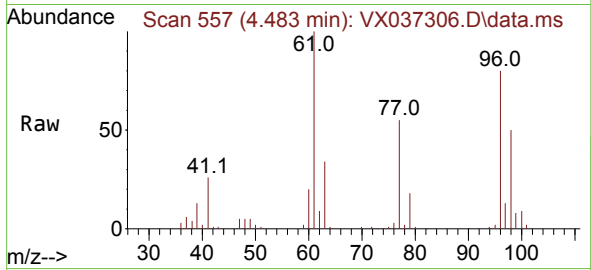
Tgt Ion: 96 Resp: 80325

Ion Ratio Lower Upper

96 100

61 130.8 0.0 312.2

98 64.6 0.0 129.0



#28

Bromochloromethane

Concen: 68.940 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

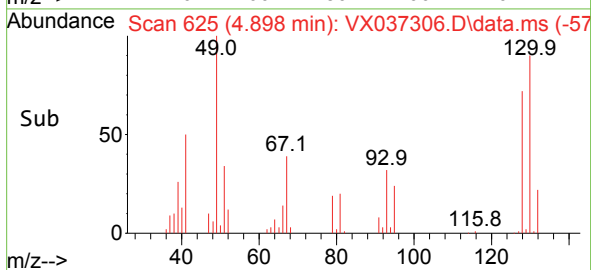
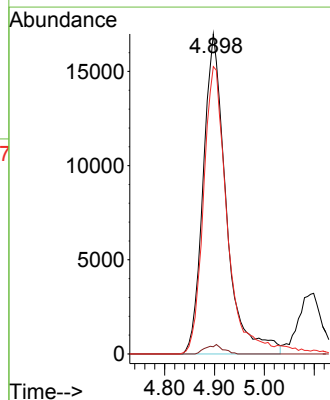
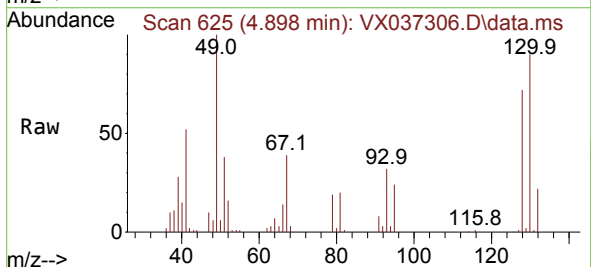
Tgt Ion: 49 Resp: 54326

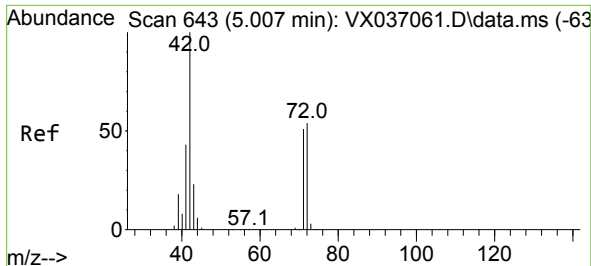
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 91.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 378.249 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

MW201D1-20230819MSD

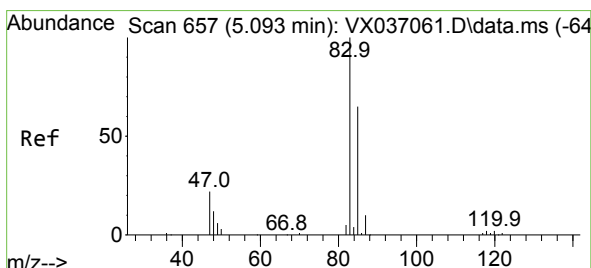
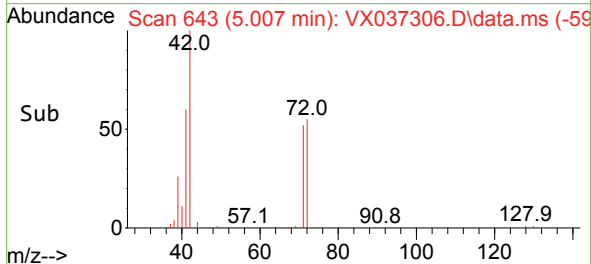
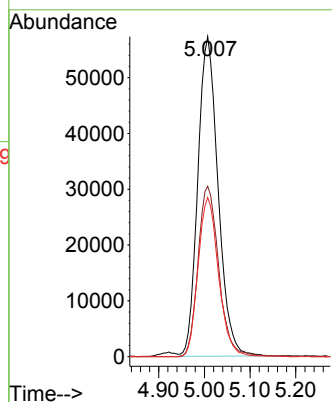
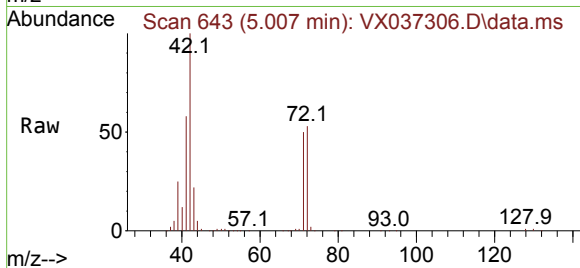
Tgt Ion: 42 Resp: 176243

Ion Ratio Lower Upper

42 100

72 54.7 34.2 51.4#

71 50.2 32.2 48.2#



#30

Chloroform

Concen: 66.962 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX037306.D

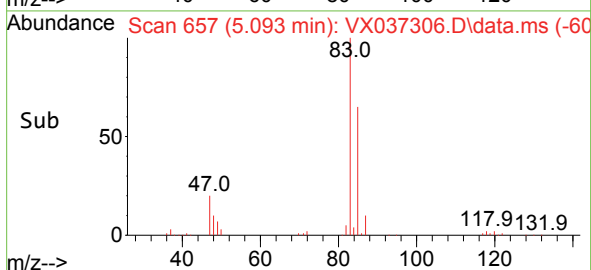
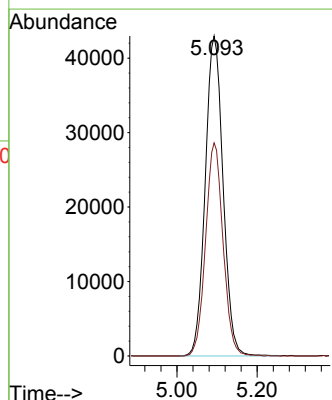
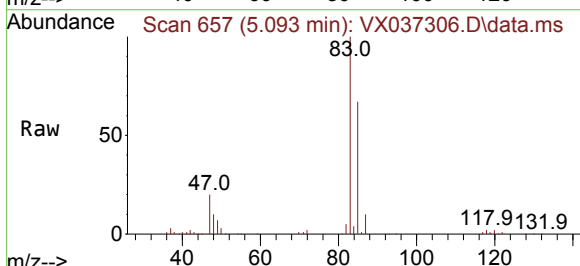
Acq: 28 Aug 2023 19:50

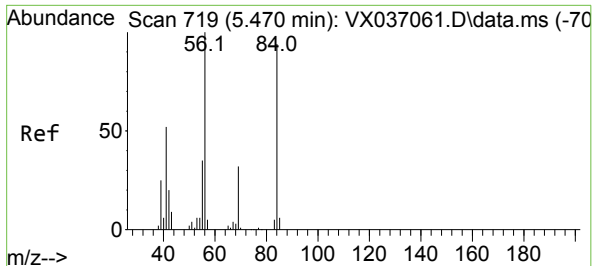
Tgt Ion: 83 Resp: 132599

Ion Ratio Lower Upper

83 100

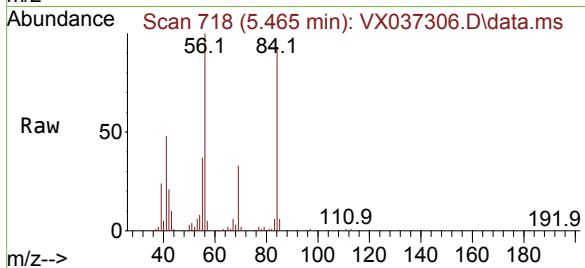
85 66.6 50.3 75.5



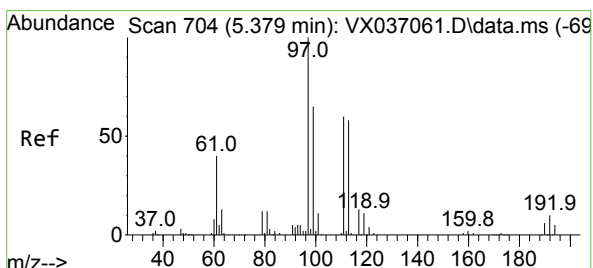
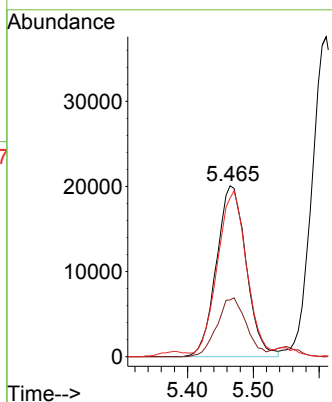
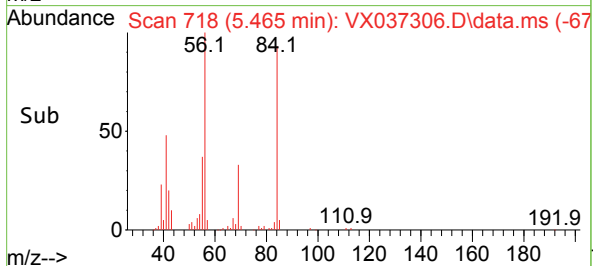


#31
Cyclohexane
Concen: 45.281 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819MSD

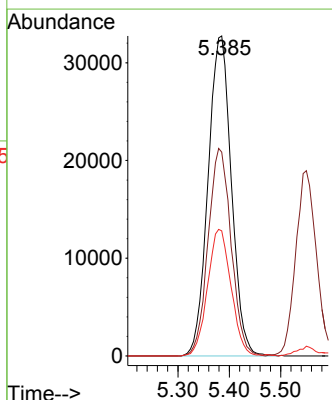
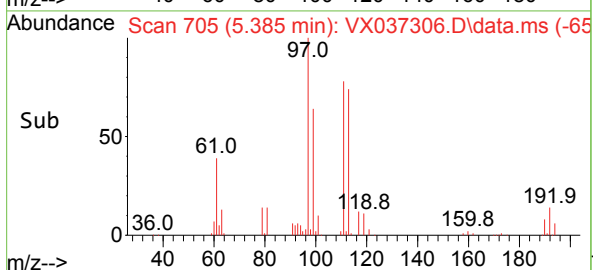
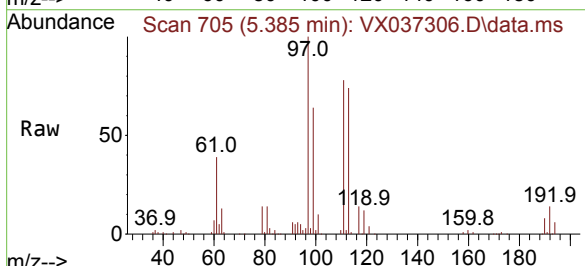


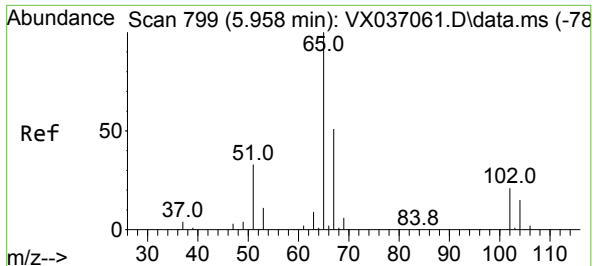
Tgt Ion:	56	Resp:	63153
Ion	Ratio	Lower	Upper
56	100		
69	33.3	23.4	35.2
84	90.0	65.9	98.9



#32
1,1,1-Trichloroethane
Concen: 58.204 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion:	97	Resp:	103283
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.1	76.7
61	39.8	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 69.896 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

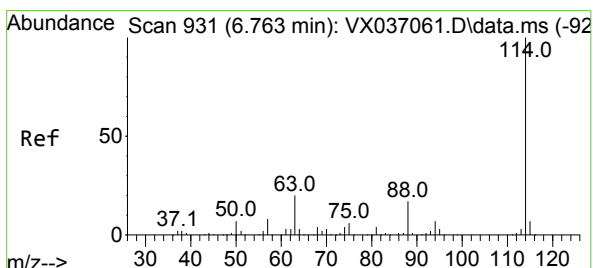
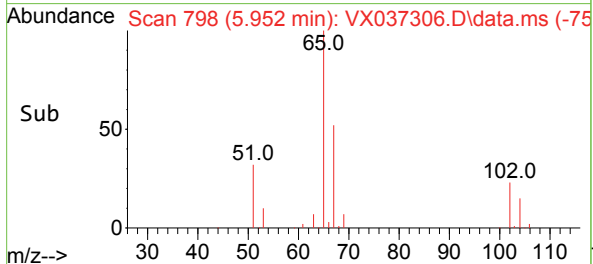
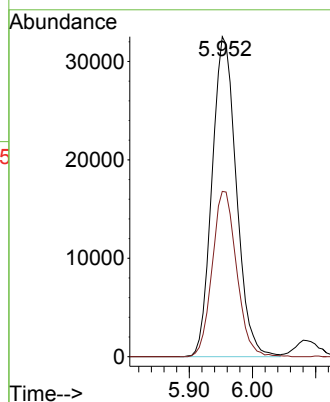
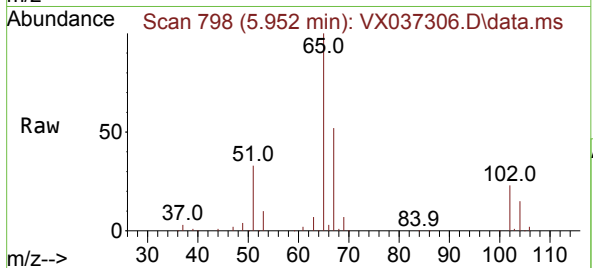
MW201D1-20230819MSD

Tgt Ion: 65 Resp: 86696

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

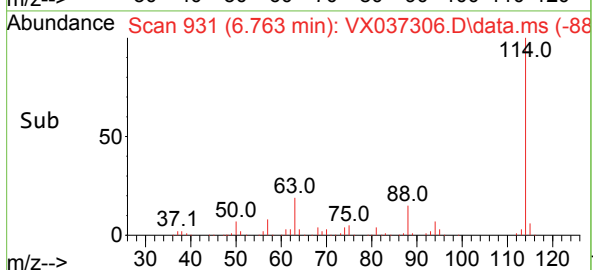
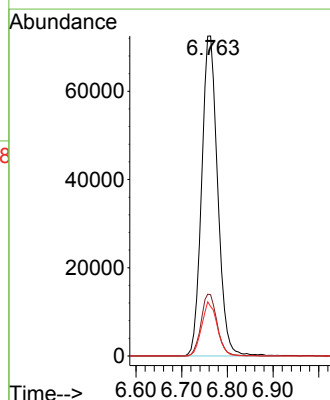
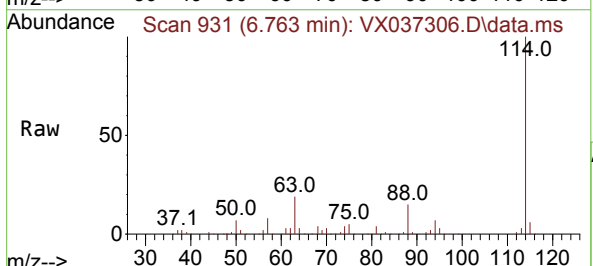
Tgt Ion: 114 Resp: 176927

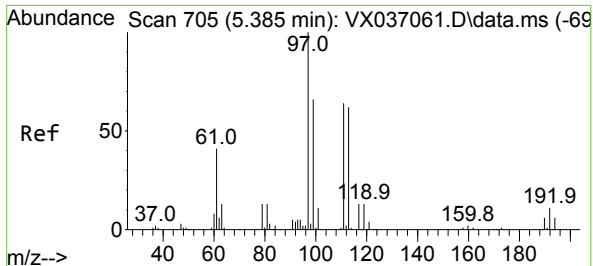
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 15.5 0.0 36.6

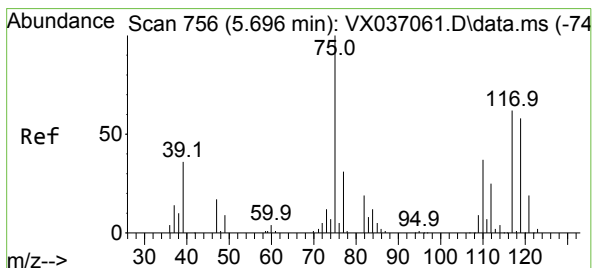
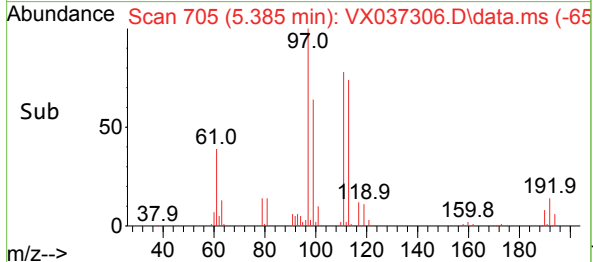
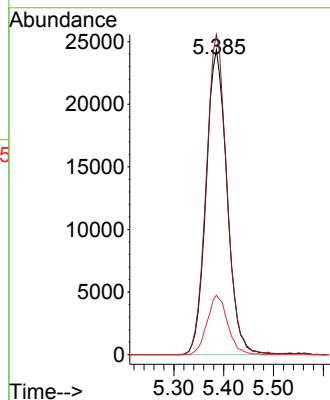
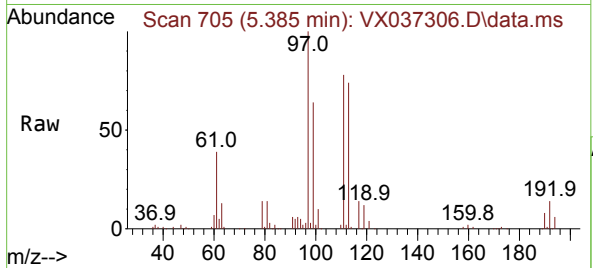




#35
Dibromofluoromethane
Concen: 60.538 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

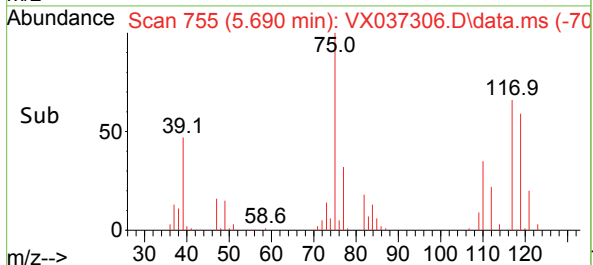
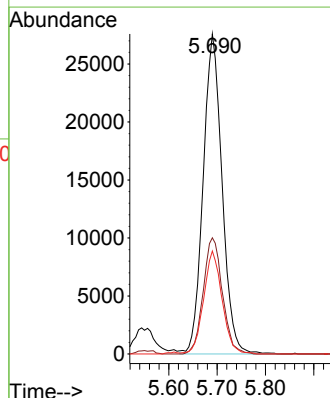
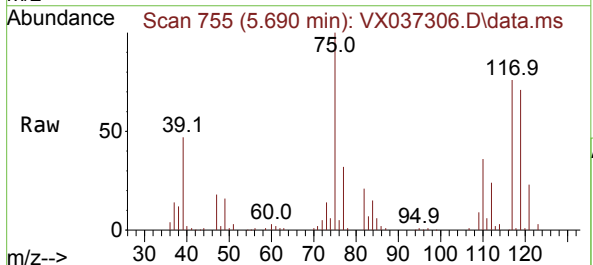
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819MSD

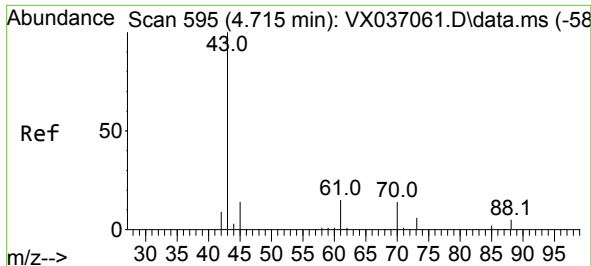
Tgt Ion:113 Resp: 70935
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 19.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 45.098 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion: 75 Resp: 75076
Ion Ratio Lower Upper
75 100
110 36.7 17.0 50.9
77 31.4 24.7 37.1

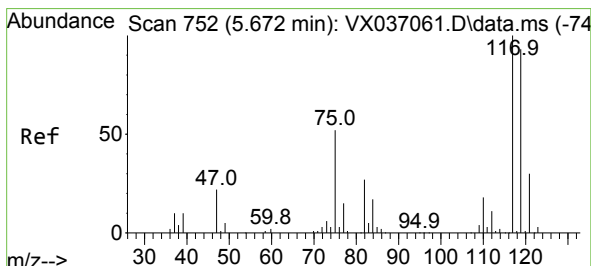
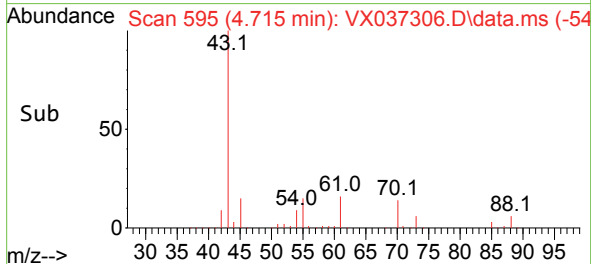
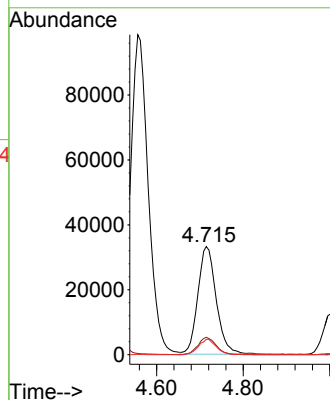
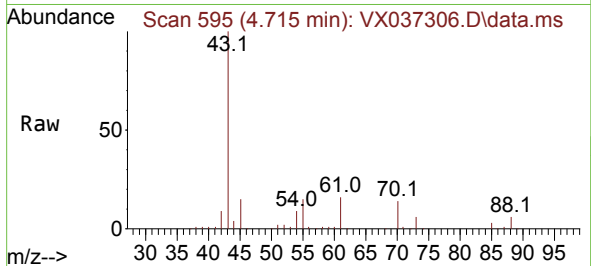




#37
Ethyl Acetate
Concen: 57.799 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

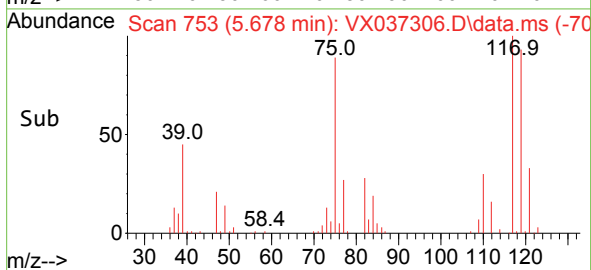
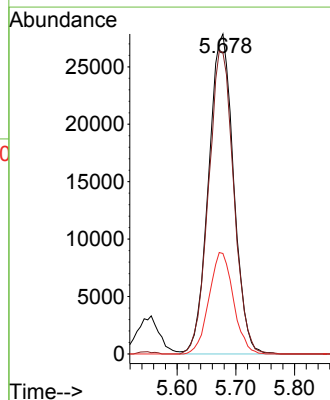
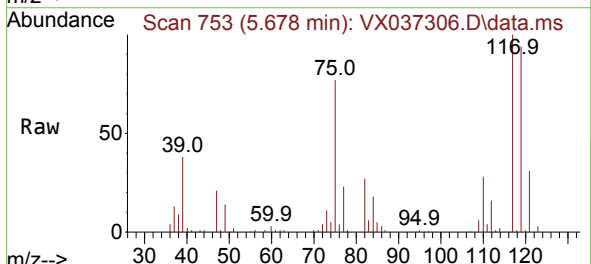
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819MSD

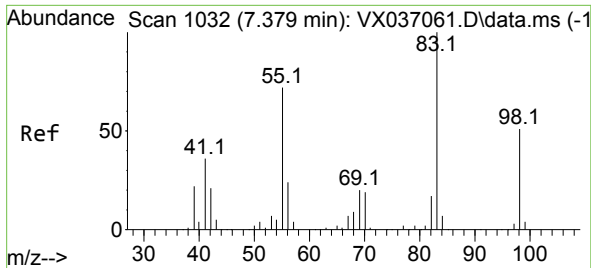
Tgt Ion: 43 Resp: 98289
Ion Ratio Lower Upper
43 100
61 16.0 10.6 16.0#
70 13.6 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 45.615 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion: 117 Resp: 82489
Ion Ratio Lower Upper
117 100
119 94.1 78.2 117.2
121 31.4 24.4 36.6

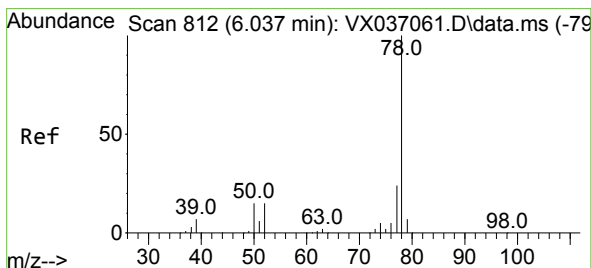
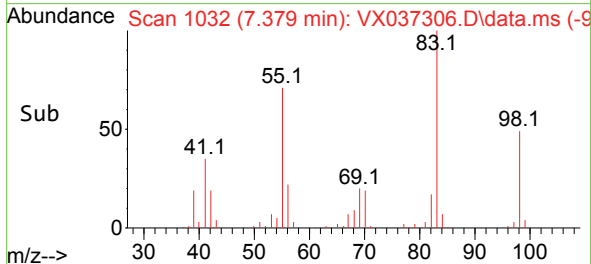
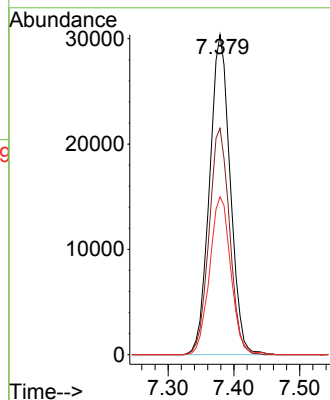
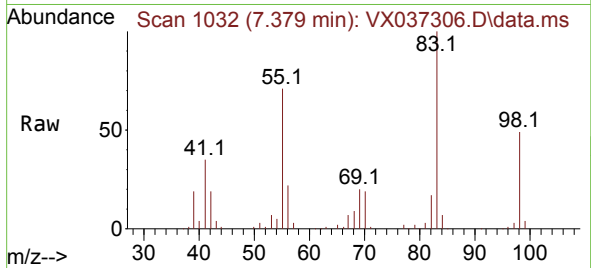




#39
Methylcyclohexane
Concen: 37.928 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

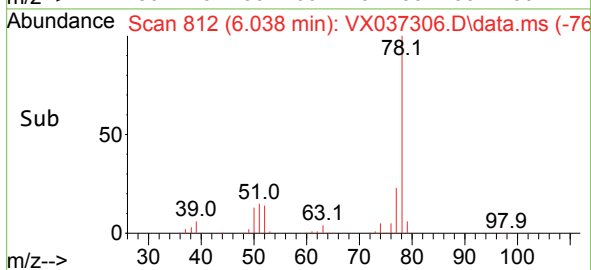
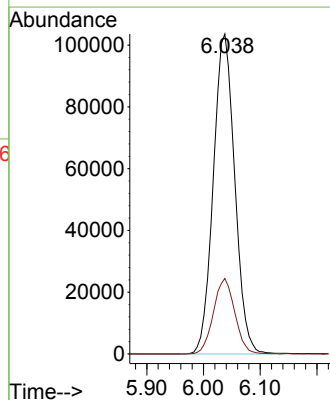
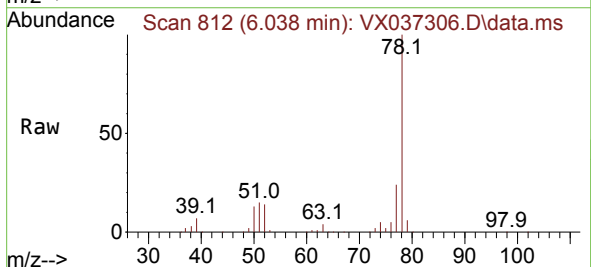
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819MSD

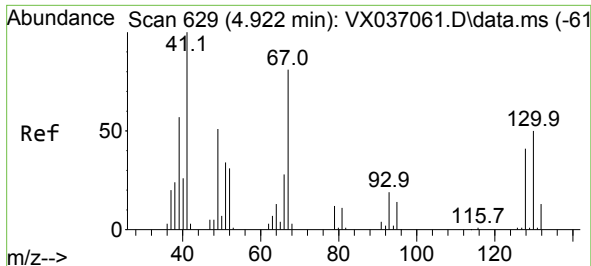
Tgt Ion: 83 Resp: 66337
Ion Ratio Lower Upper
83 100
55 70.7 64.6 97.0
98 49.3 36.7 55.1



#40
Benzene
Concen: 56.990 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion: 78 Resp: 272098
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9

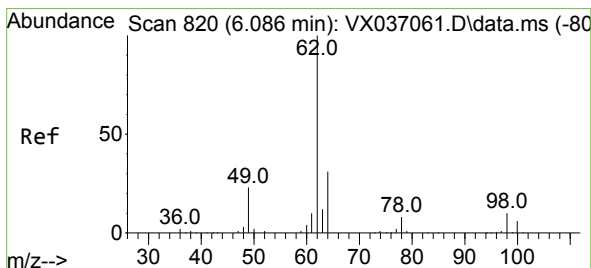
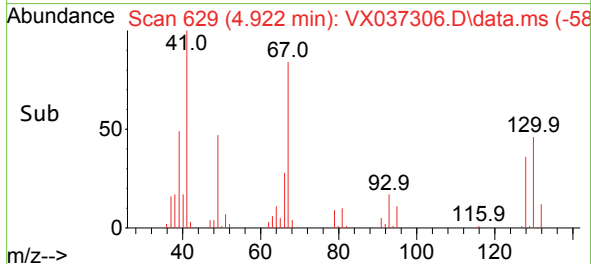
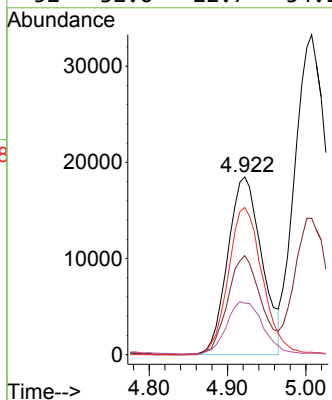
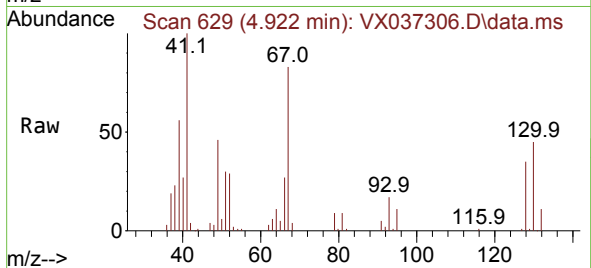




#41
Methacrylonitrile
Concen: 63.394 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

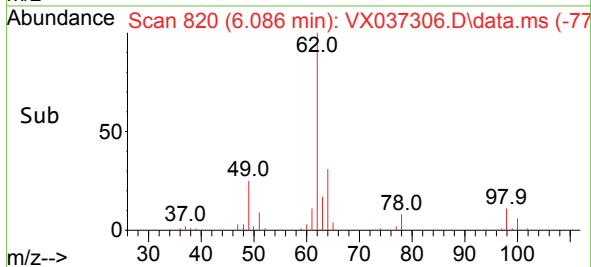
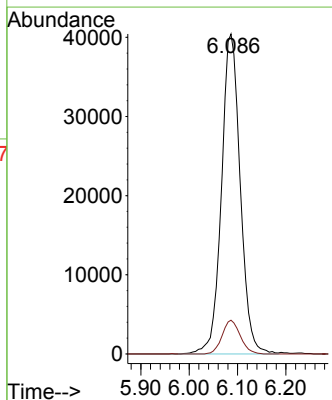
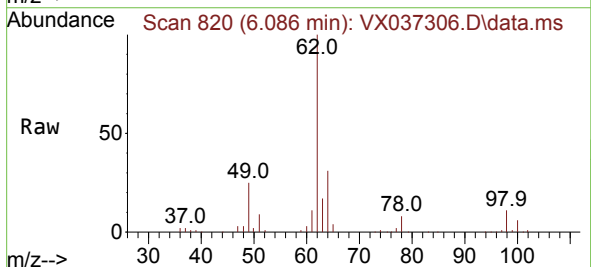
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819MSD

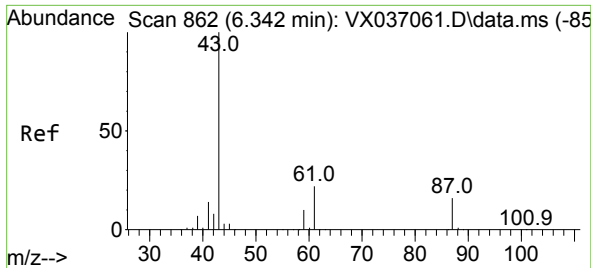
Tgt Ion:	41	Resp:	56042
Ion	Ratio	Lower	Upper
41	100		
39	54.9	45.2	67.8
67	83.3	52.6	78.8#
52	32.6	22.7	34.1



#42
1,2-Dichloroethane
Concen: 58.323 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion:	62	Resp:	109200
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	16.0

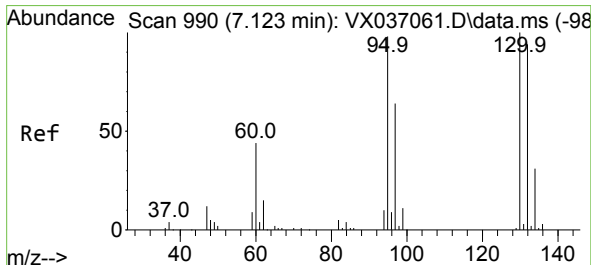
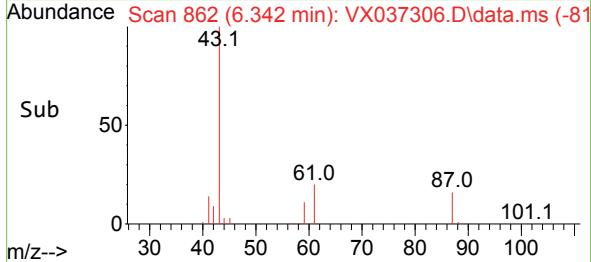
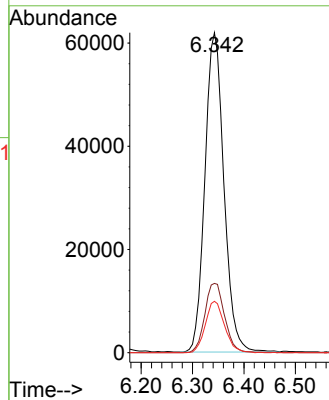
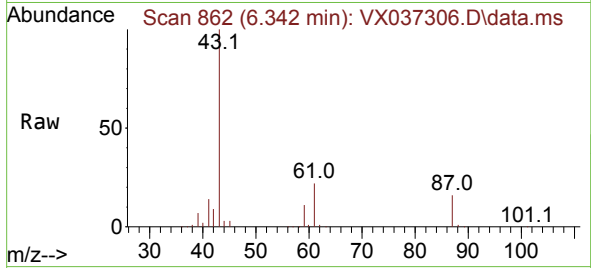




#43
Isopropyl Acetate
Concen: 58.885 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

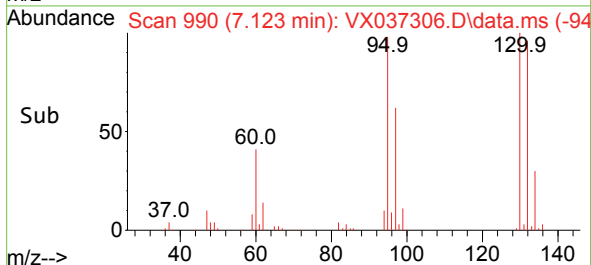
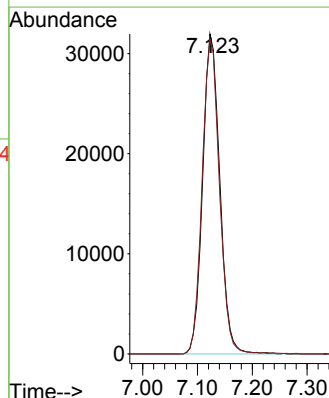
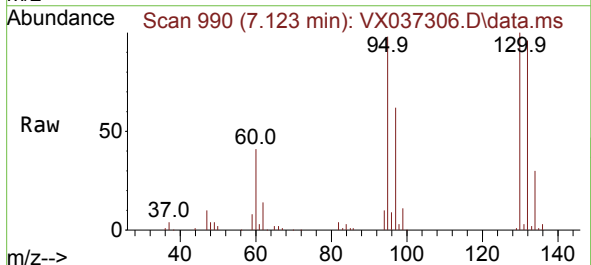
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819MSD

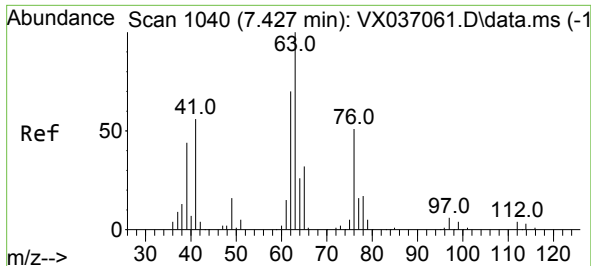
Tgt Ion: 43 Resp: 158979
Ion Ratio Lower Upper
43 100
61 22.6 15.2 22.8
87 16.2 9.8 14.6#



#44
Trichloroethene
Concen: 51.278 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion:130 Resp: 69422
Ion Ratio Lower Upper
130 100
95 98.4 0.0 204.4

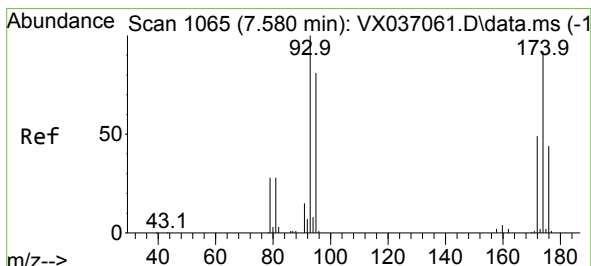
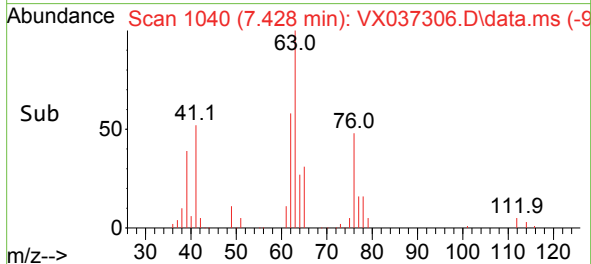
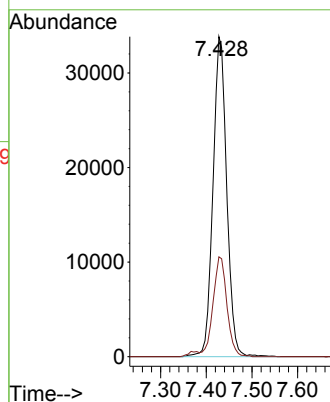
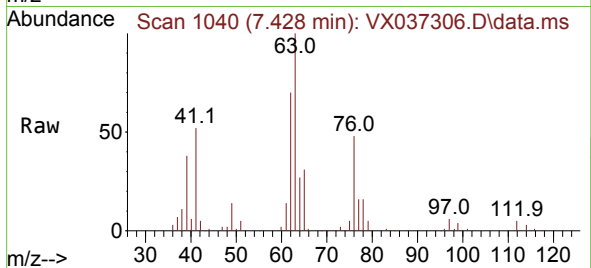




#45
1,2-Dichloropropane
Concen: 59.975 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

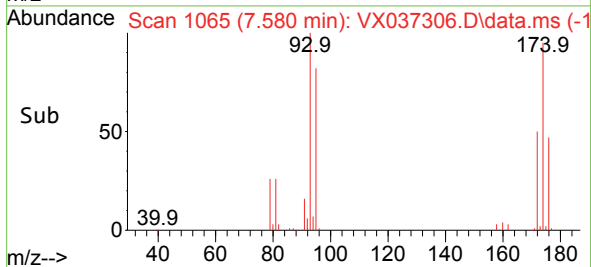
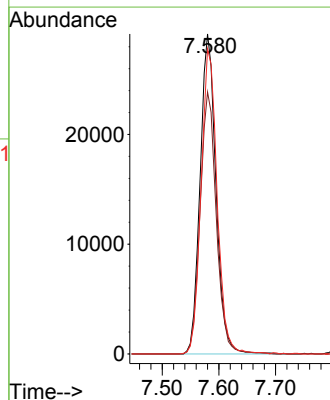
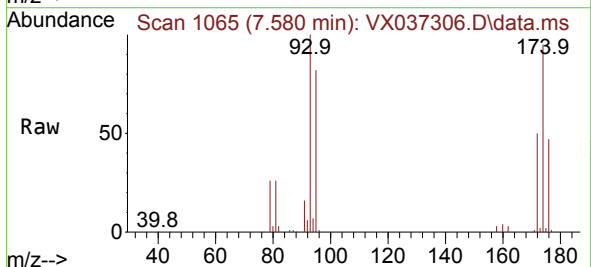
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819MSD

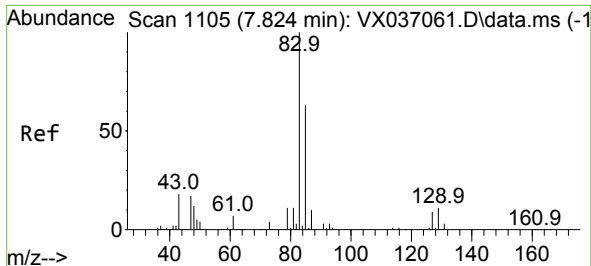
Tgt Ion: 63 Resp: 70605
Ion Ratio Lower Upper
63 100
65 31.2 24.3 36.5



#46
Dibromomethane
Concen: 61.238 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion: 93 Resp: 56792
Ion Ratio Lower Upper
93 100
95 83.4 66.6 100.0
174 96.3 69.4 104.0

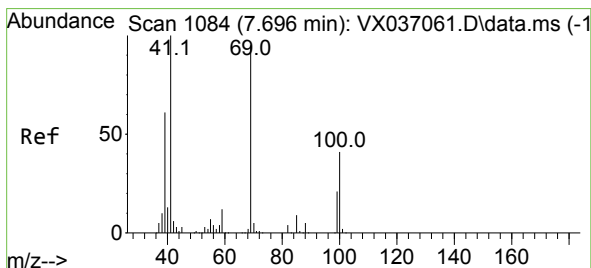
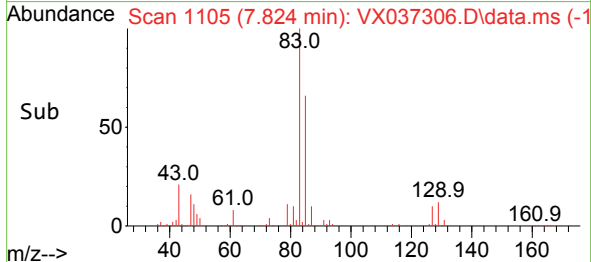
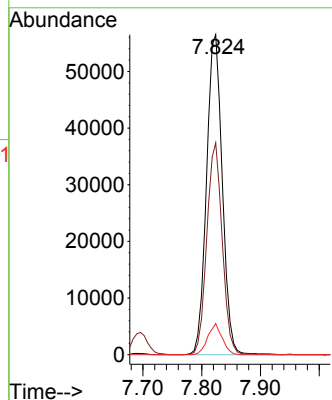
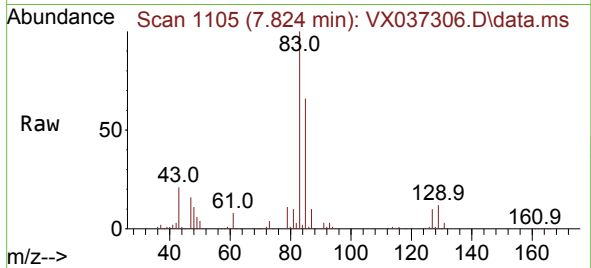




#47
Bromodichloromethane
Concen: 59.221 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

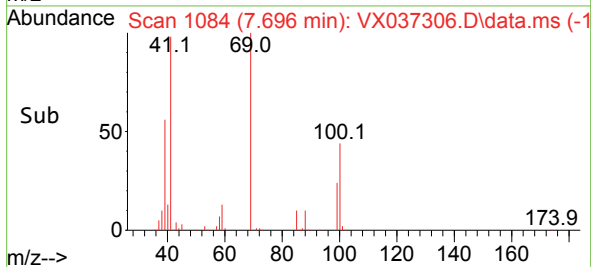
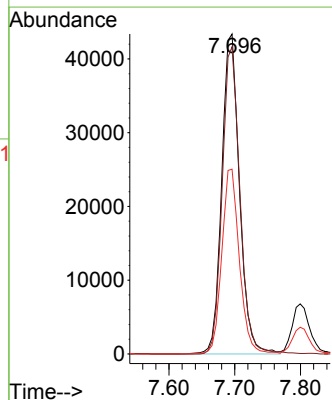
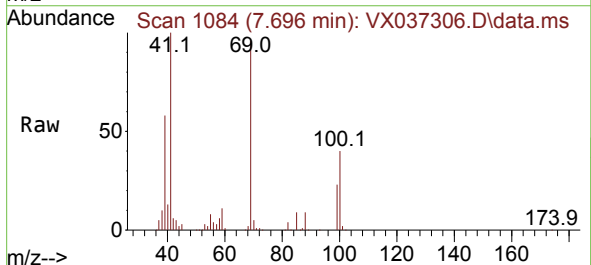
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819MSD

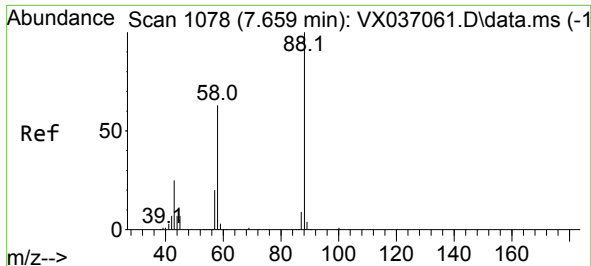
Tgt Ion: 83 Resp: 105197
Ion Ratio Lower Upper
83 100
85 66.2 49.8 74.6
127 9.7 7.1 10.7



#48
Methyl methacrylate
Concen: 61.910 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion: 41 Resp: 81513
Ion Ratio Lower Upper
41 100
69 95.8 59.2 88.8#
39 57.3 47.7 71.5

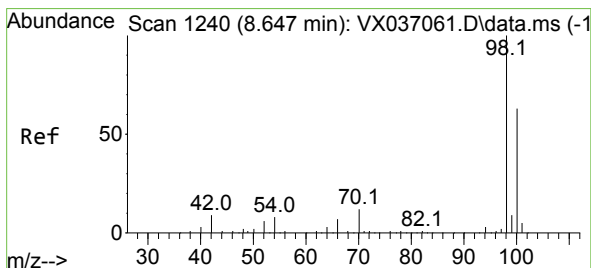
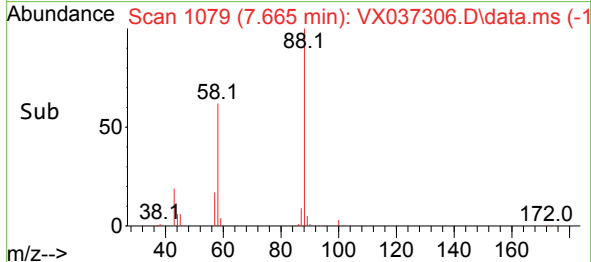
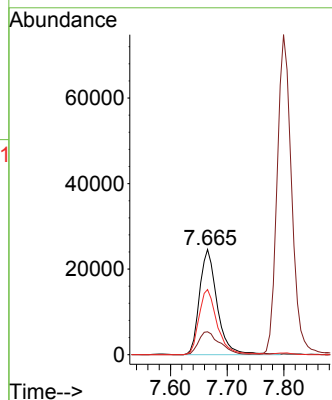
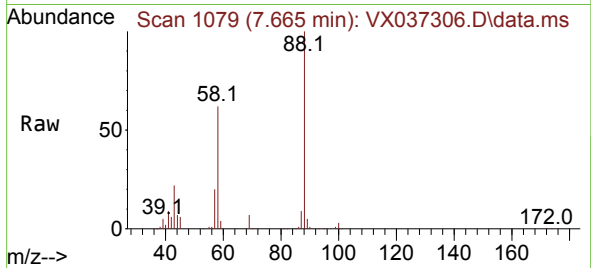




#49
1,4-Dioxane
Concen: 1500.139 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

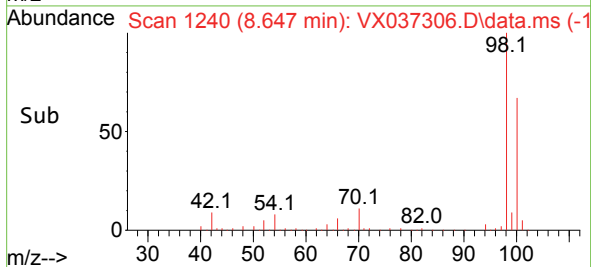
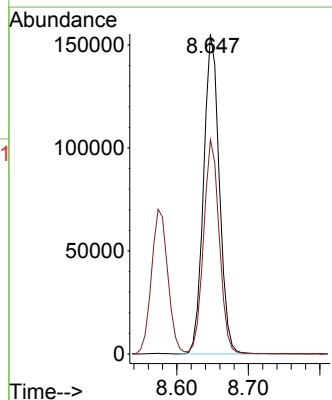
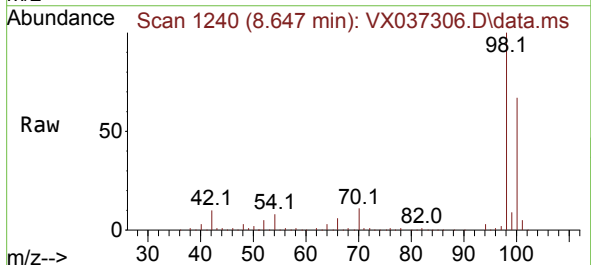
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819MSD

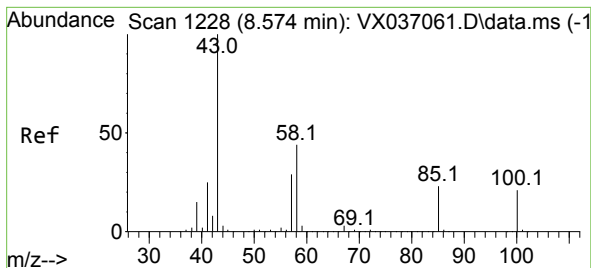
Tgt Ion: 88 Resp: 53194
Ion Ratio Lower Upper
88 100
43 26.4 0.0 0.0#
58 64.0 60.1 90.1



#50
Toluene-d8
Concen: 55.848 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion: 98 Resp: 237374
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

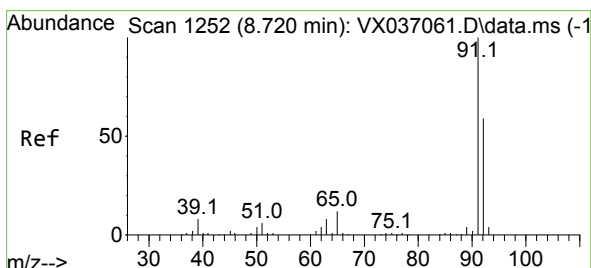
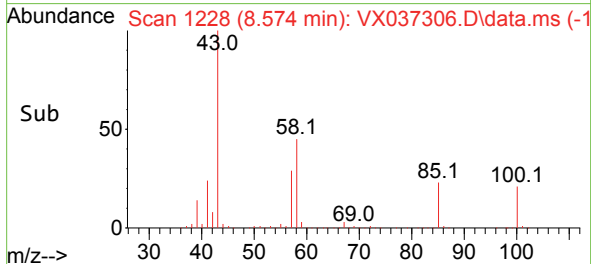
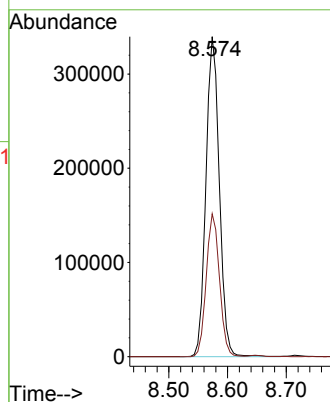
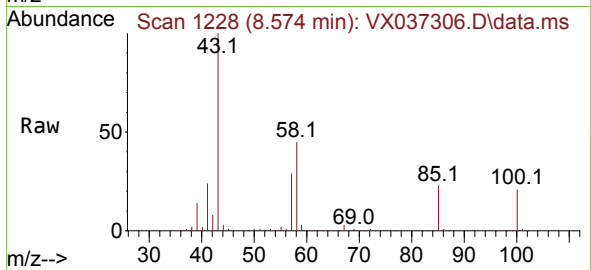




#51
4-Methyl-2-Pentanone
Concen: 328.429 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

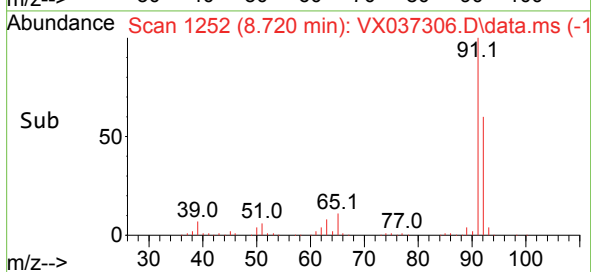
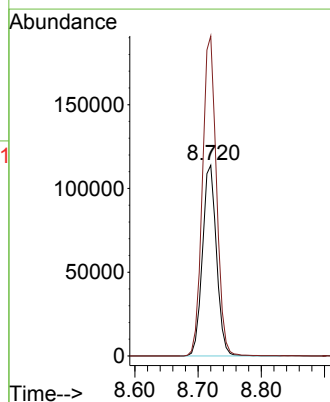
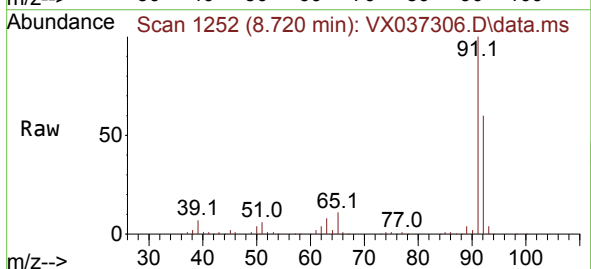
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819MSD

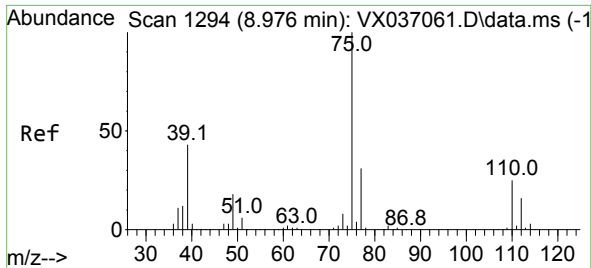
Tgt Ion: 43 Resp: 538426
Ion Ratio Lower Upper
43 100
58 44.2 30.4 45.6



#52
Toluene
Concen: 55.852 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion: 92 Resp: 176191
Ion Ratio Lower Upper
92 100
91 167.9 134.2 201.2

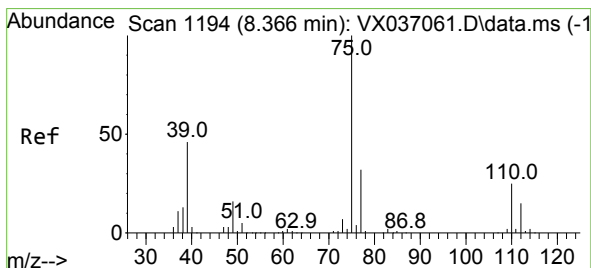
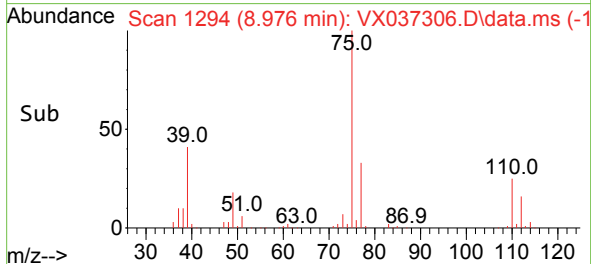
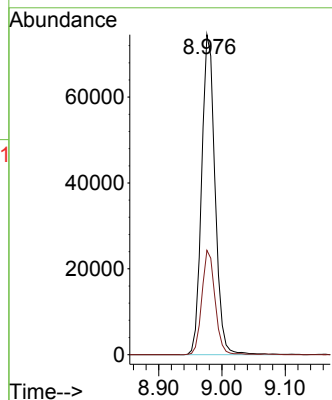
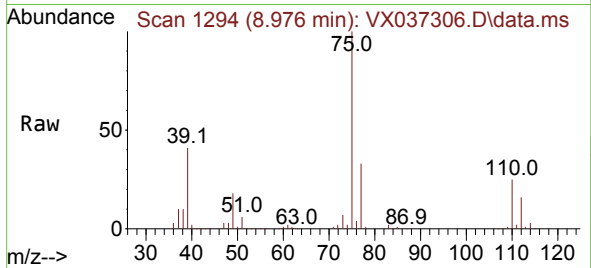




#53
 t-1,3-Dichloropropene
 Concen: 58.252 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX037306.D
 Acq: 28 Aug 2023 19:50

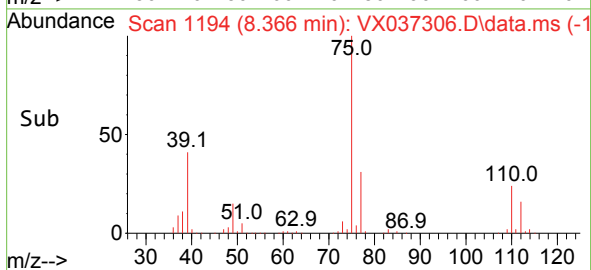
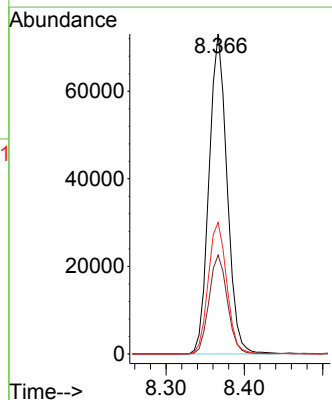
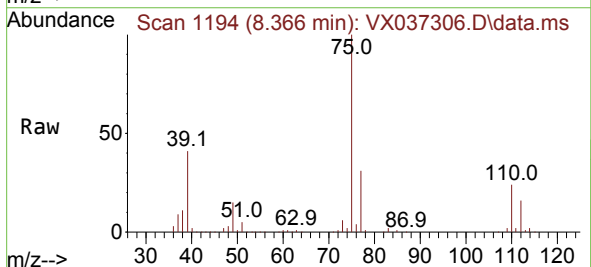
Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D1-20230819MSD

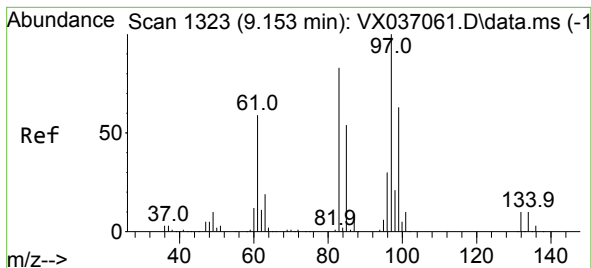
Tgt Ion: 75 Resp: 110176
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 57.190 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX037306.D
 Acq: 28 Aug 2023 19:50

Tgt Ion: 75 Resp: 116890
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.3 37.9
 39 41.1 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 64.005 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

MW201D1-20230819MSD

Tgt Ion: 97 Resp: 82216

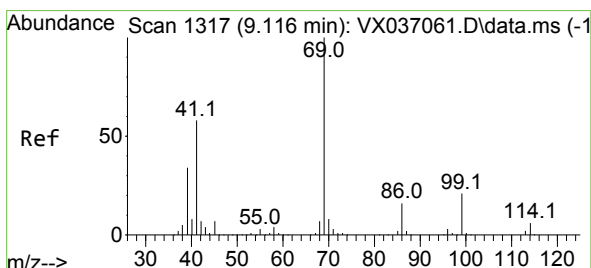
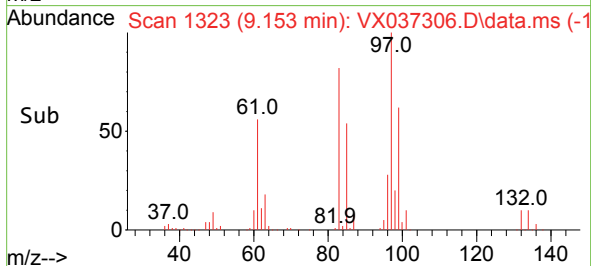
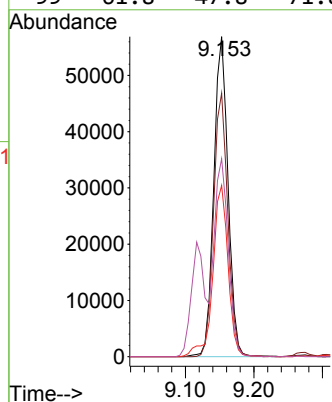
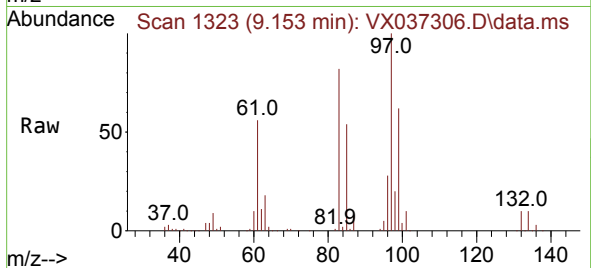
Ion Ratio Lower Upper

97 100

83 82.4 65.8 98.8

85 53.5 41.6 62.4

99 61.8 47.8 71.8



#56

Ethyl methacrylate

Concen: 64.181 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

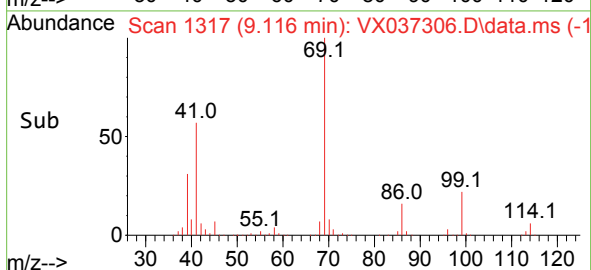
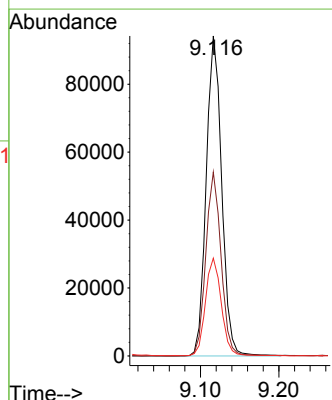
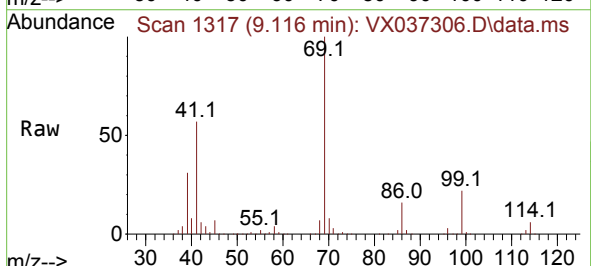
Tgt Ion: 69 Resp: 129134

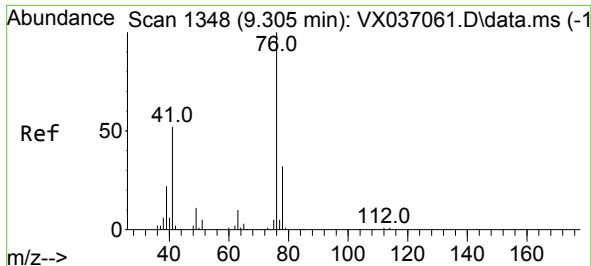
Ion Ratio Lower Upper

69 100

41 56.7 56.8 85.2#

39 31.6 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 62.997 ug/l

RT: 9.311 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

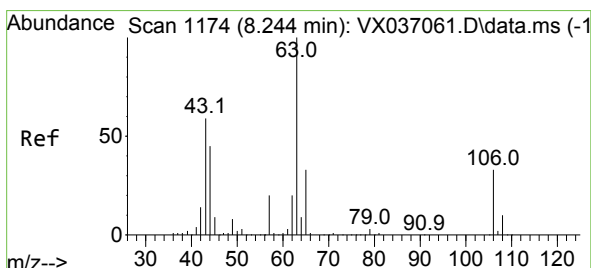
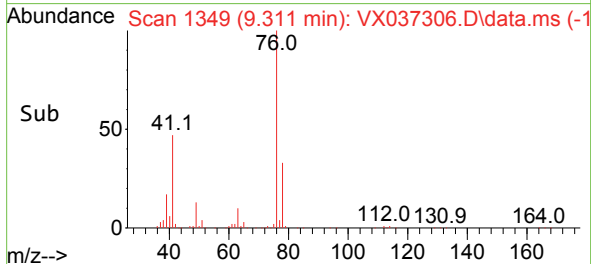
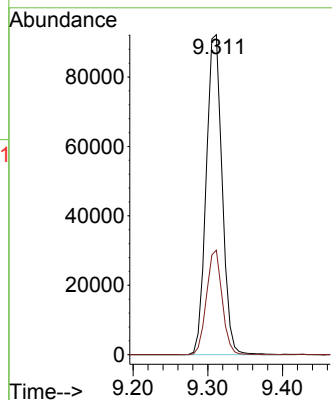
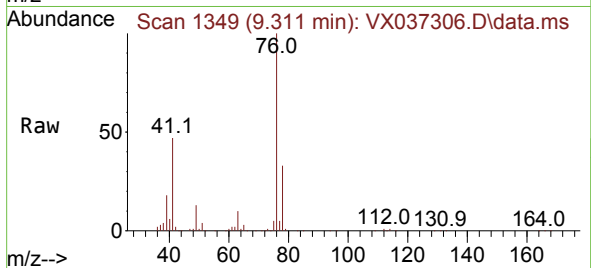
MW201D1-20230819MSD

Tgt Ion: 76 Resp: 136415

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 0.647 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.122 min

Lab File: VX037306.D

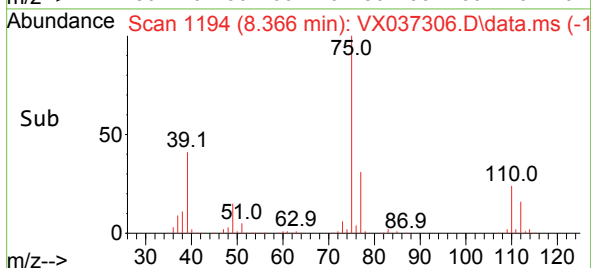
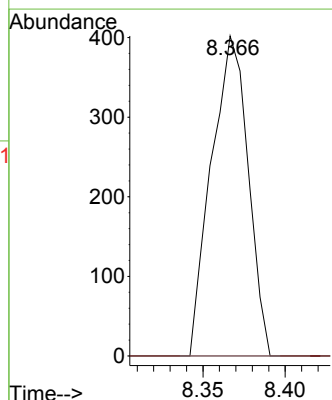
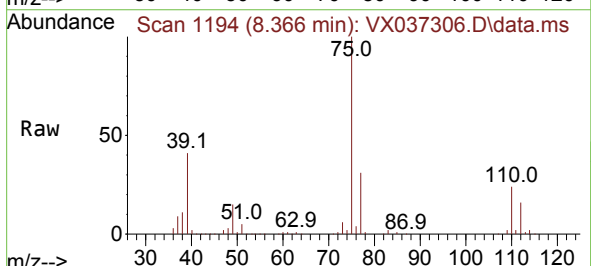
Acq: 28 Aug 2023 19:50

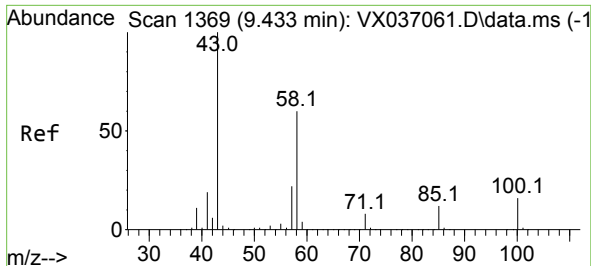
Tgt Ion: 63 Resp: 625

Ion Ratio Lower Upper

63 100

106 0.0 22.5 33.7#

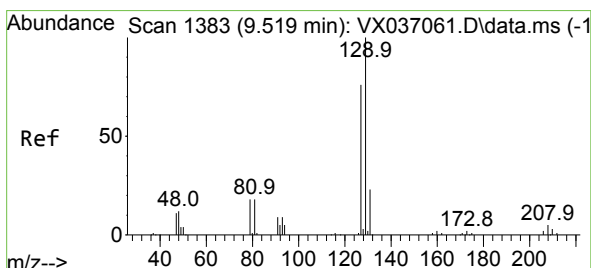
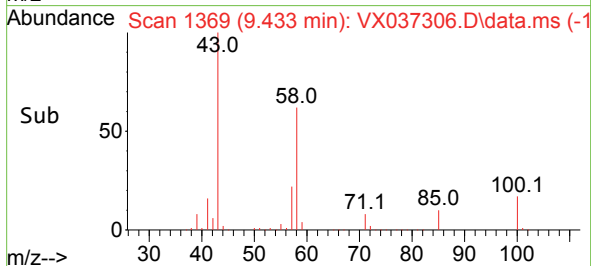
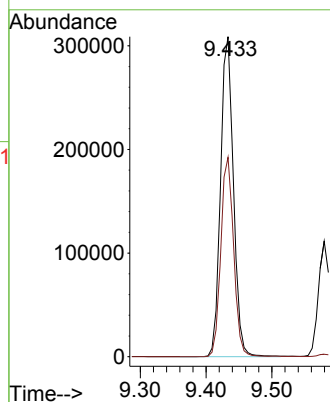
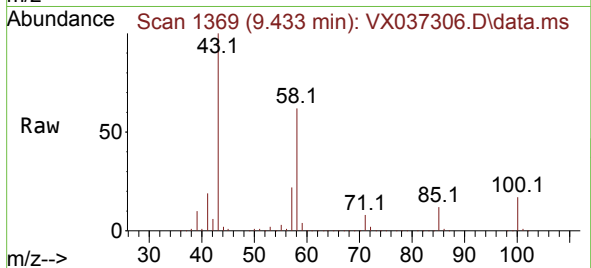




#59
2-Hexanone
Concen: 336.075 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

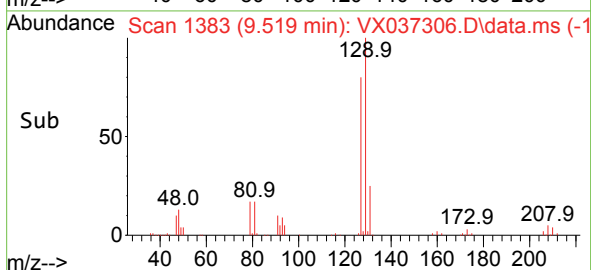
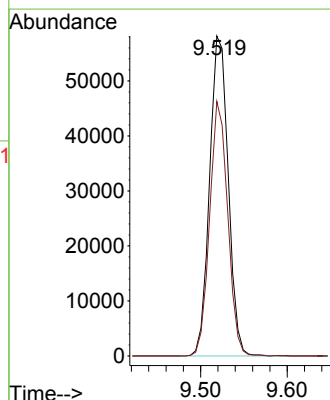
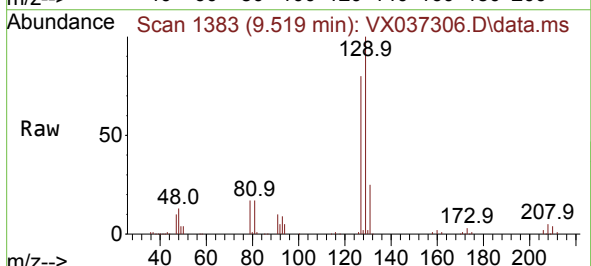
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819MSD

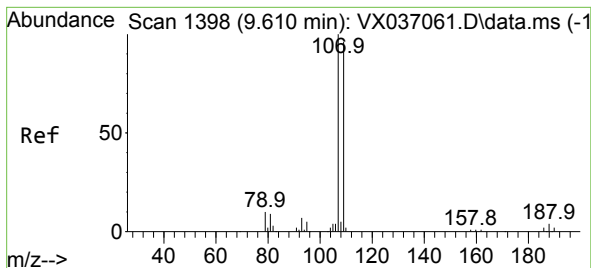
Tgt Ion: 43 Resp: 420094
Ion Ratio Lower Upper
43 100
58 62.2 26.2 78.5



#60
Dibromochloromethane
Concen: 63.463 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion: 129 Resp: 86794
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





#61

1,2-Dibromoethane

Concen: 63.793 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

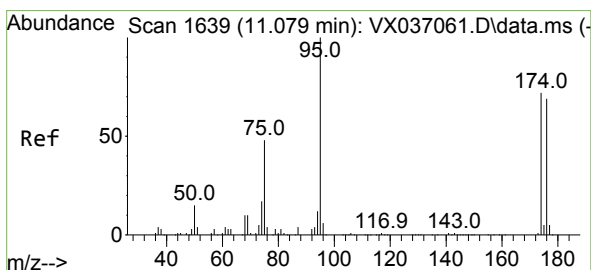
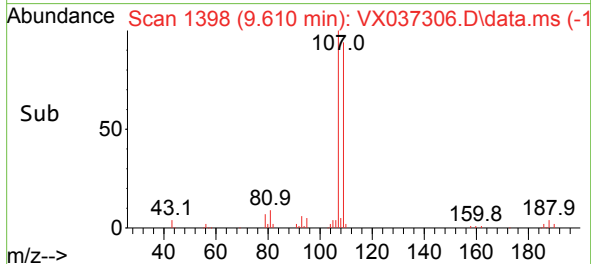
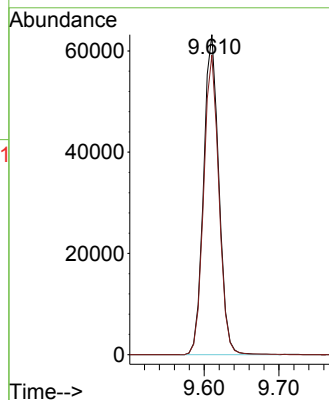
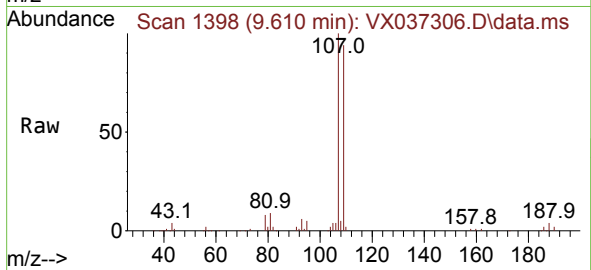
MW201D1-20230819MSD

Tgt Ion:107 Resp: 89719

Ion Ratio Lower Upper

107 100

109 93.3 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 60.721 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

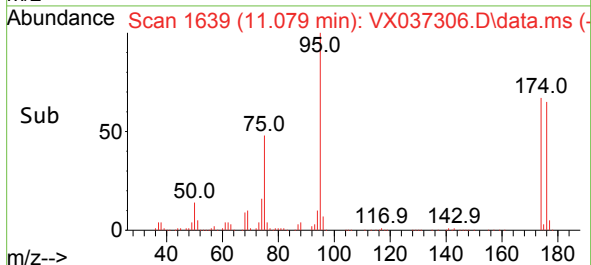
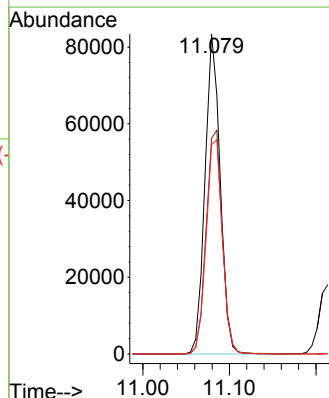
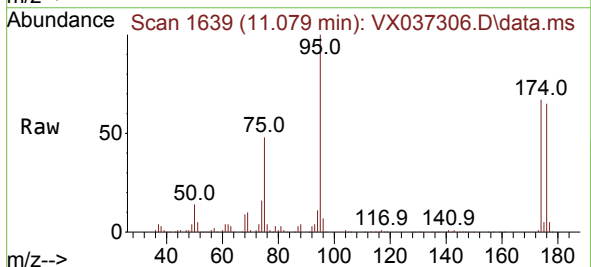
Tgt Ion: 95 Resp: 101424

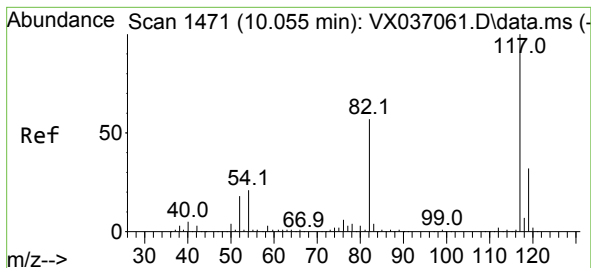
Ion Ratio Lower Upper

95 100

174 74.3 0.0 135.6

176 71.7 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

MW201D1-20230819MSD

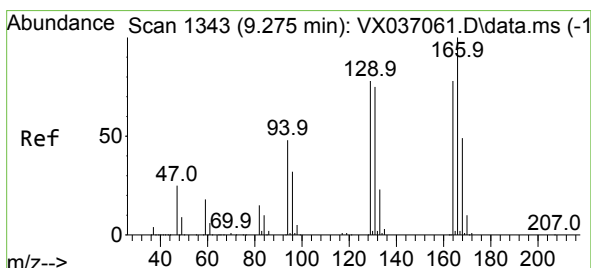
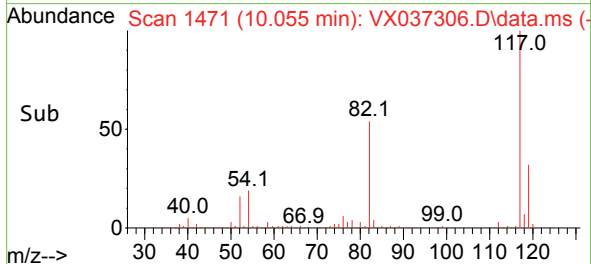
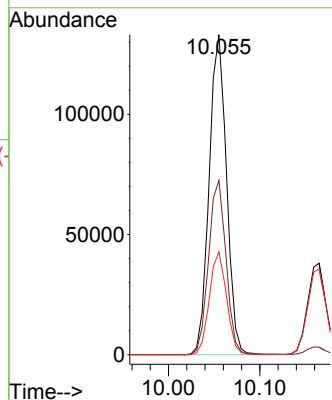
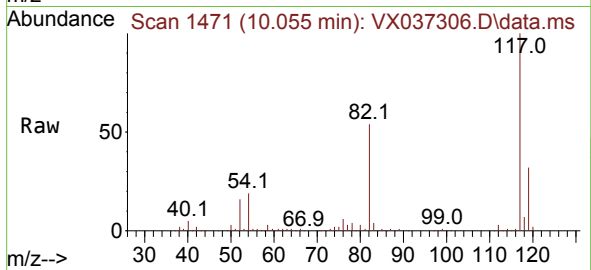
Tgt Ion:117 Resp: 175324

Ion Ratio Lower Upper

117 100

82 54.4 46.2 69.4

119 32.1 25.5 38.3



#64

Tetrachloroethene

Concen: 38.578 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Tgt Ion:164 Resp: 49342

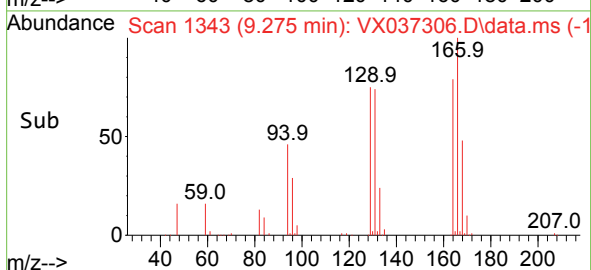
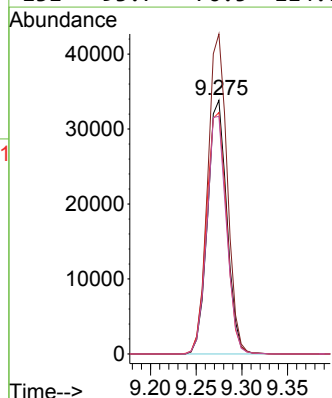
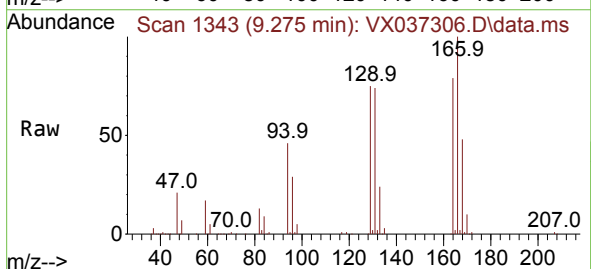
Ion Ratio Lower Upper

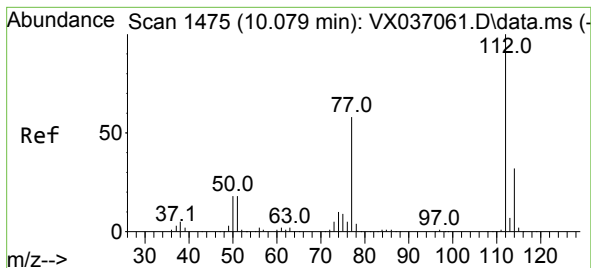
164 100

166 126.2 102.7 154.1

129 95.2 80.4 120.6

131 93.7 76.5 114.7





#65

Chlorobenzene

Concen: 53.484 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

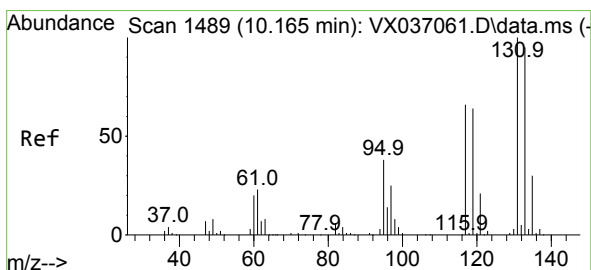
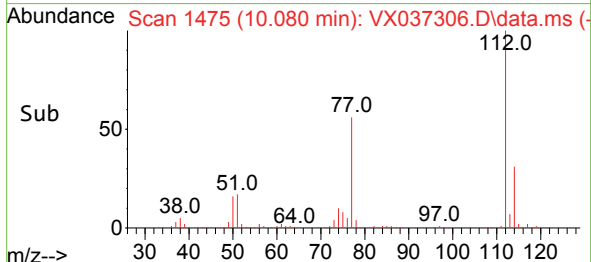
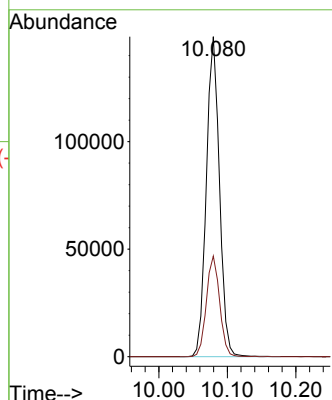
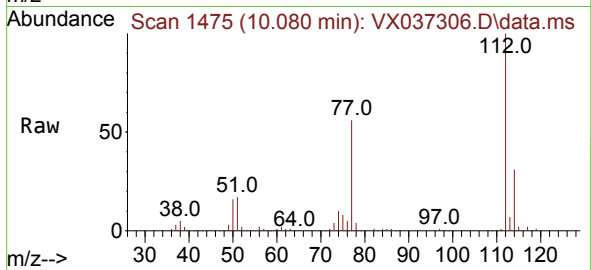
MW201D1-20230819MSD

Tgt Ion:112 Resp: 198188

Ion Ratio Lower Upper

112 100

114 31.4 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 56.966 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

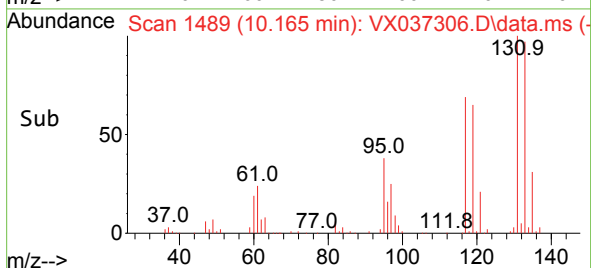
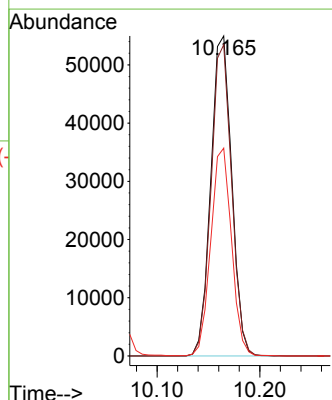
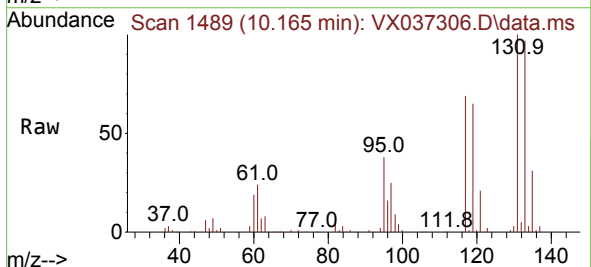
Tgt Ion:131 Resp: 77908

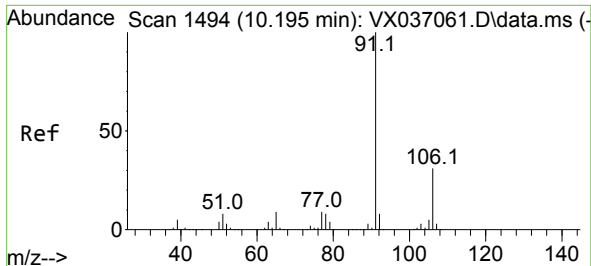
Ion Ratio Lower Upper

131 100

133 95.8 47.1 141.4

119 64.4 32.2 96.6





#67

Ethyl Benzene

Concen: 49.844 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

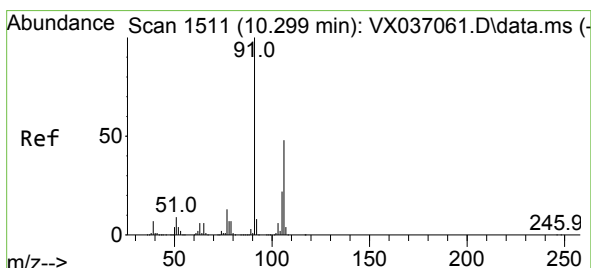
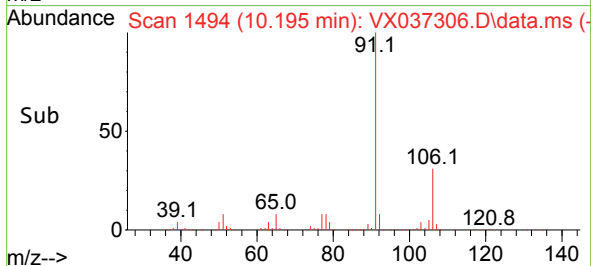
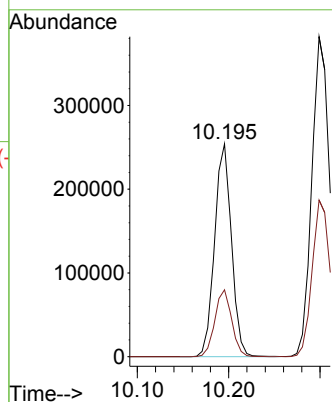
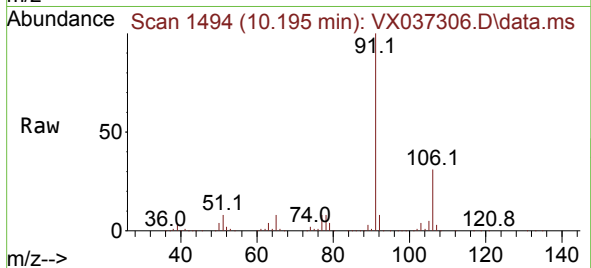
MW201D1-20230819MSD

Tgt Ion: 91 Resp: 325001

Ion Ratio Lower Upper

91 100

106 31.4 24.9 37.3



#68

m/p-Xylenes

Concen: 101.374 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX037306.D

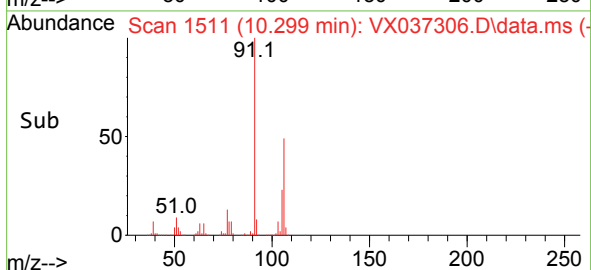
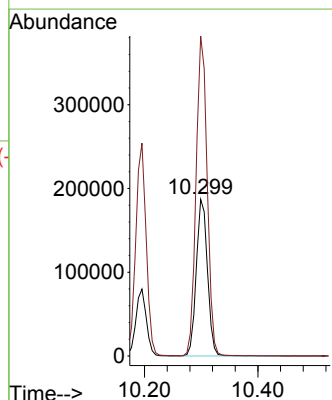
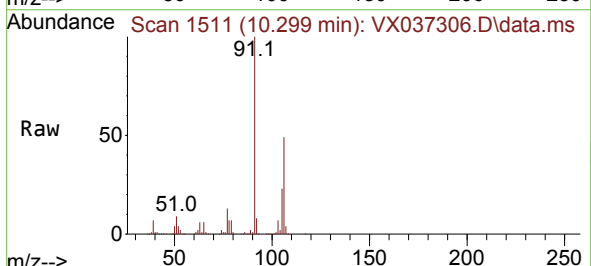
Acq: 28 Aug 2023 19:50

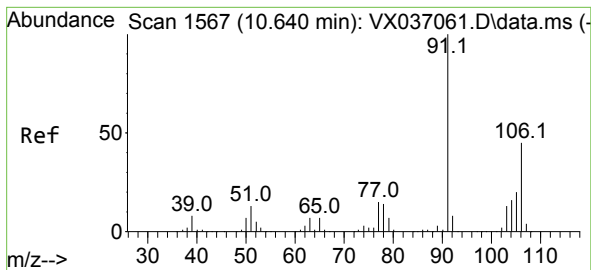
Tgt Ion: 106 Resp: 255259

Ion Ratio Lower Upper

106 100

91 203.2 165.5 248.3





#69

o-Xylene

Concen: 54.017 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

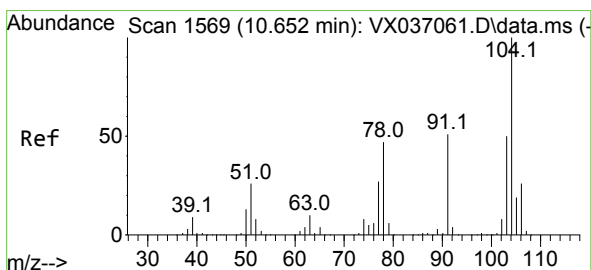
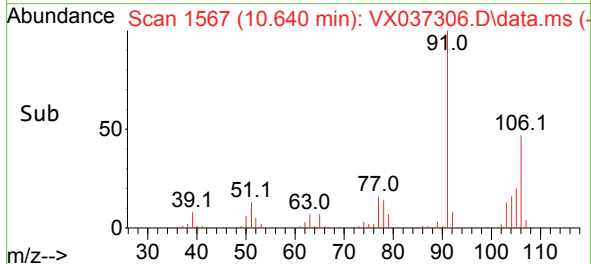
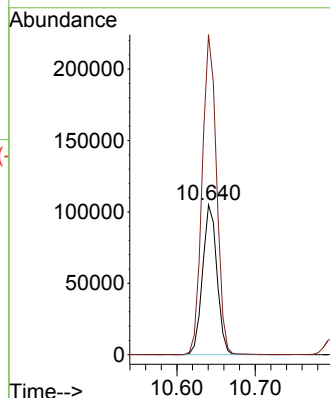
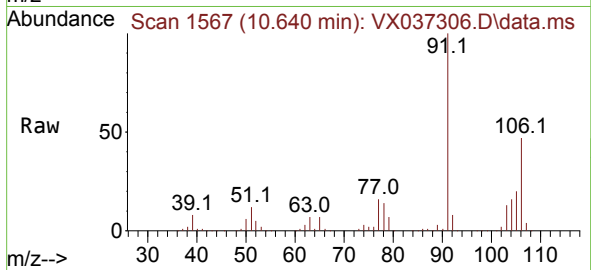
MW201D1-20230819MSD

Tgt Ion:106 Resp: 134194

Ion Ratio Lower Upper

106 100

91 213.4 108.9 326.8



#70

Styrene

Concen: 56.201 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.001 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

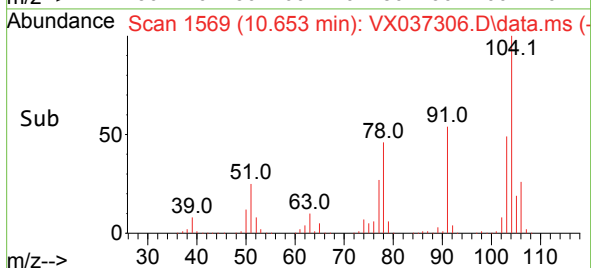
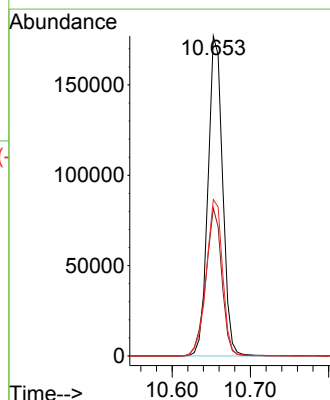
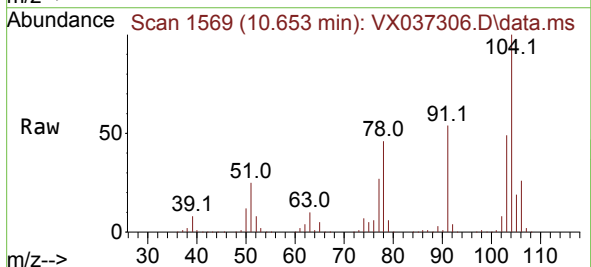
Tgt Ion:104 Resp: 229986

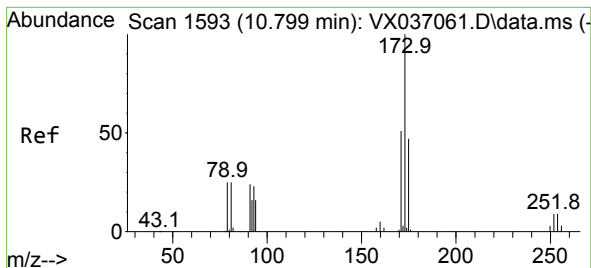
Ion Ratio Lower Upper

104 100

78 50.2 43.6 65.4

103 54.1 43.6 65.4





#71

Bromoform

Concen: 63.371 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

MW201D1-20230819MSD

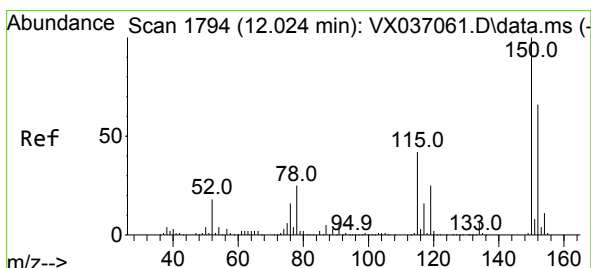
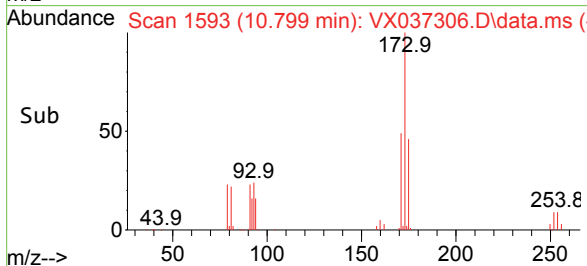
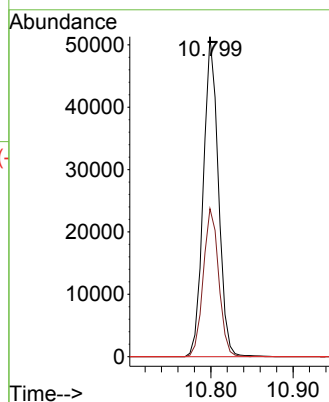
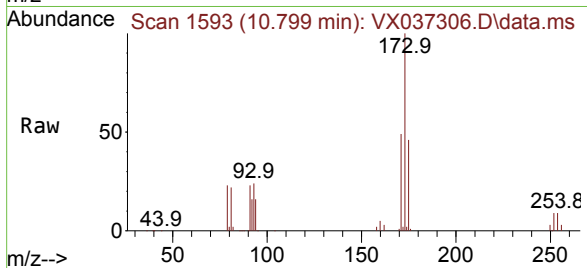
Tgt Ion:173 Resp: 64829

Ion Ratio Lower Upper

173 100

175 47.7 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

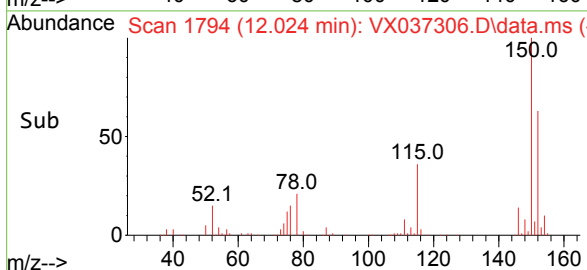
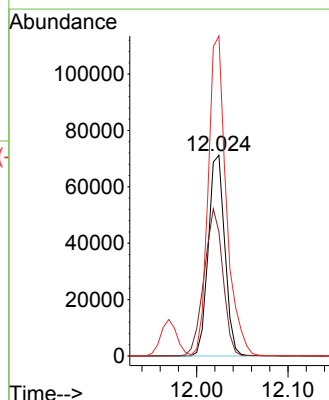
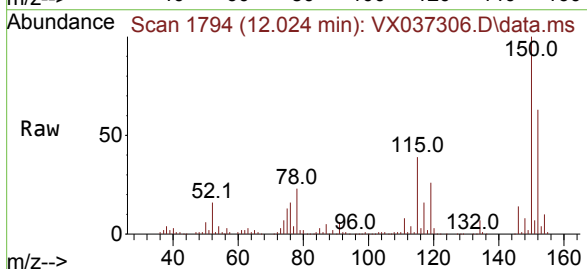
Tgt Ion:152 Resp: 89254

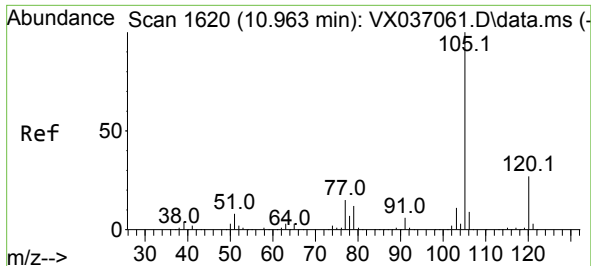
Ion Ratio Lower Upper

152 100

115 83.9 43.3 129.9

150 174.2 0.0 345.0

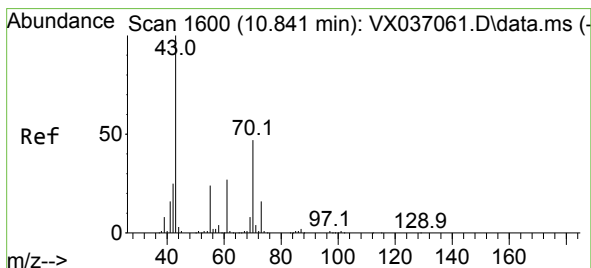
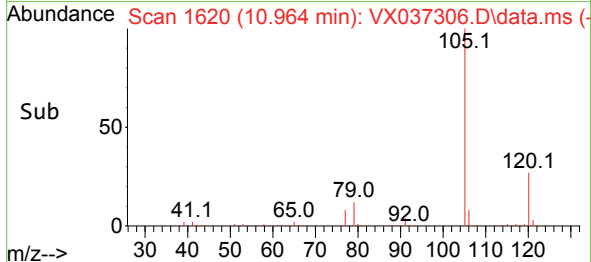
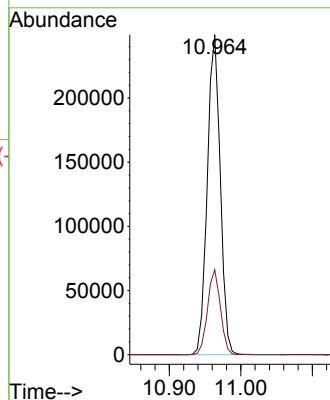
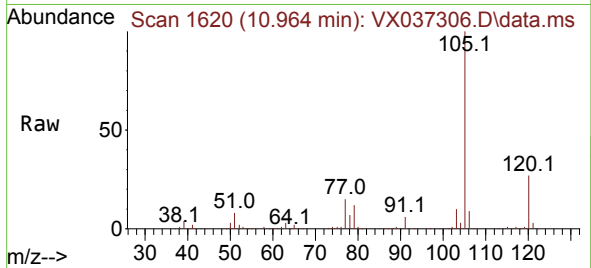




#73
Isopropylbenzene
Concen: 48.360 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

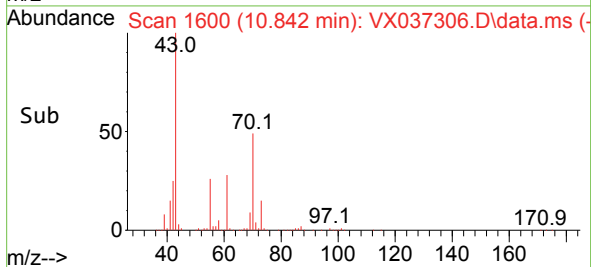
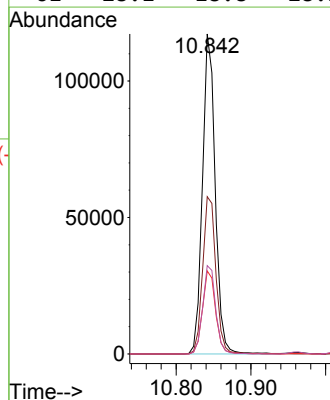
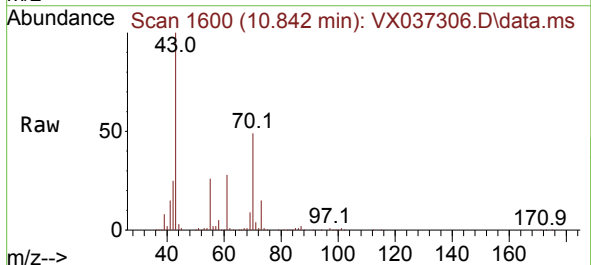
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819MSD

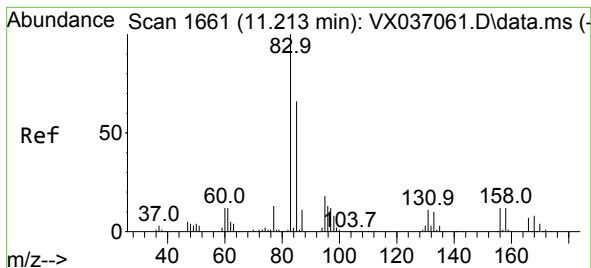
Tgt Ion:105 Resp: 313735
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6



#74
N-ethyl acetate
Concen: 55.131 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion: 43 Resp: 138973
Ion Ratio Lower Upper
43 100
70 51.4 32.9 49.3#
55 26.7 19.3 28.9
61 28.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 62.179 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

MW201D1-20230819MSD

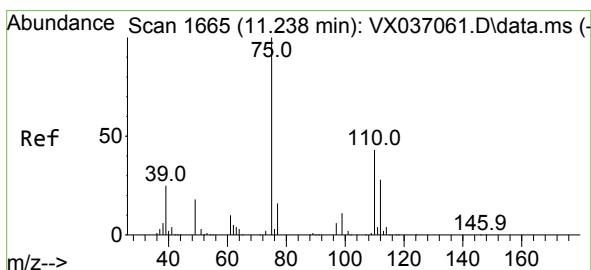
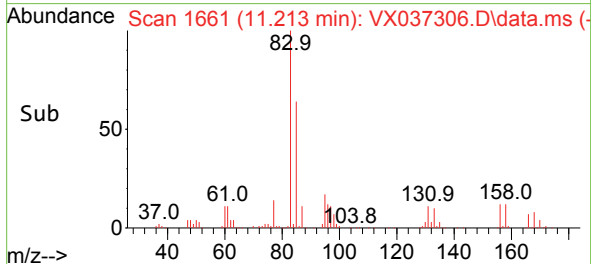
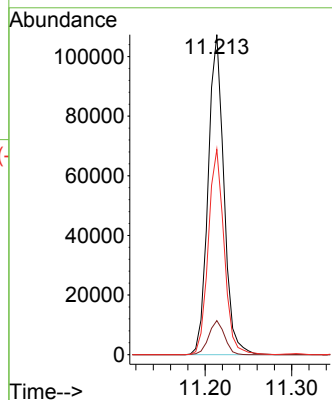
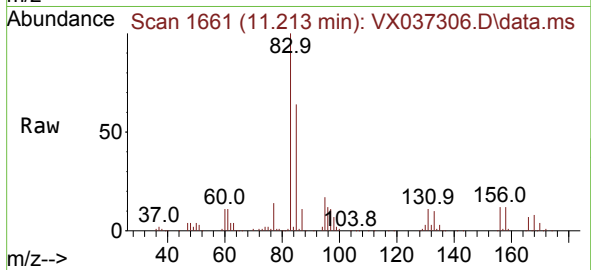
Tgt Ion: 83 Resp: 135849

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.8

85 64.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 76.608 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX037306.D

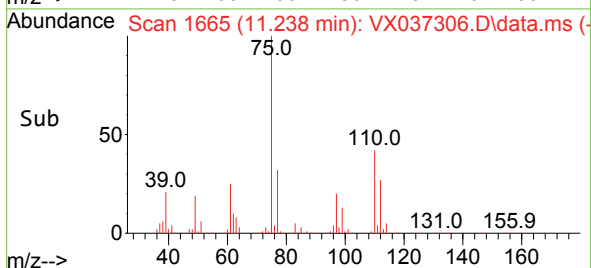
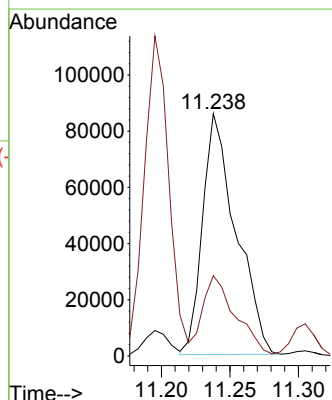
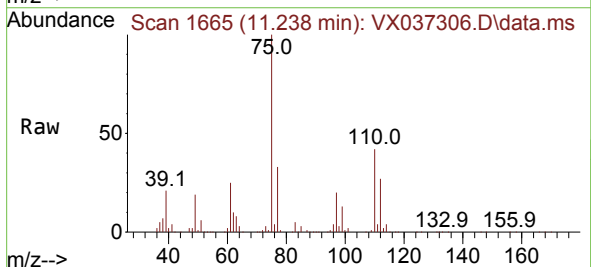
Acq: 28 Aug 2023 19:50

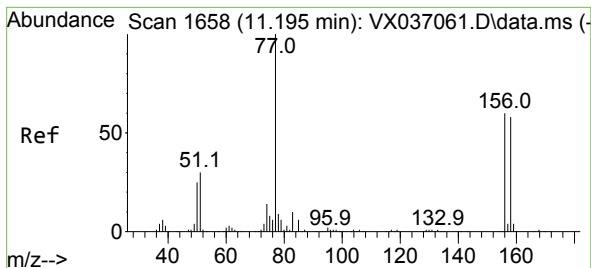
Tgt Ion: 75 Resp: 145618

Ion Ratio Lower Upper

75 100

77 32.9 19.1 57.5





#77

Bromobenzene

Concen: 55.874 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

MW201D1-20230819MSD

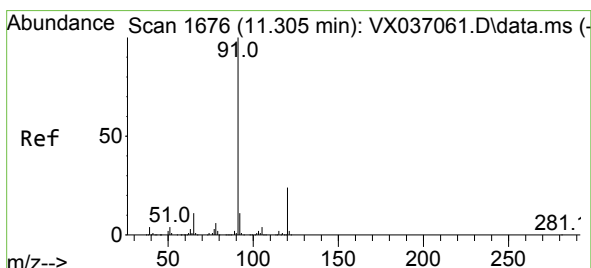
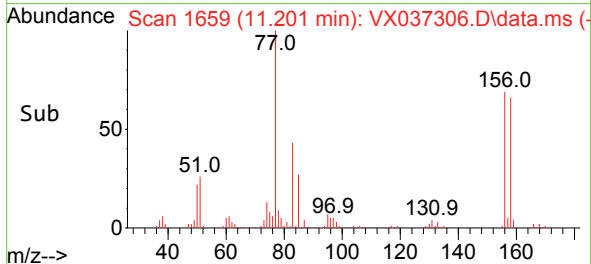
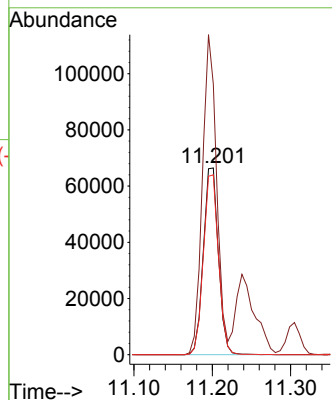
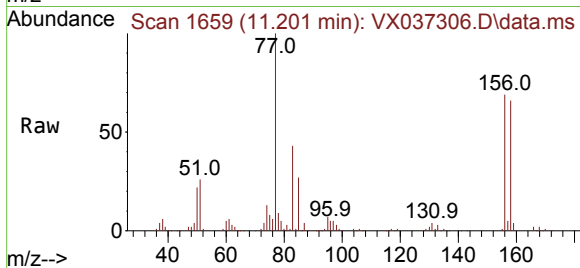
Tgt Ion:156 Resp: 88527

Ion Ratio Lower Upper

156 100

77 161.7 88.4 265.3

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 47.647 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037306.D

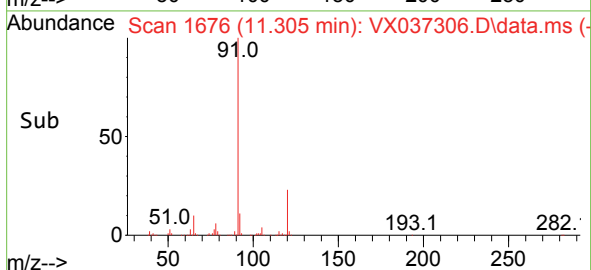
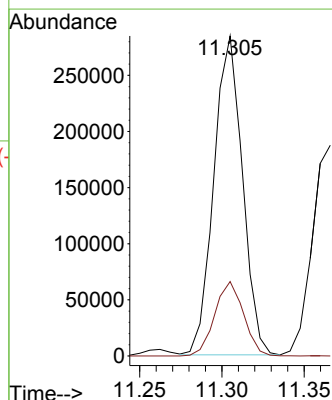
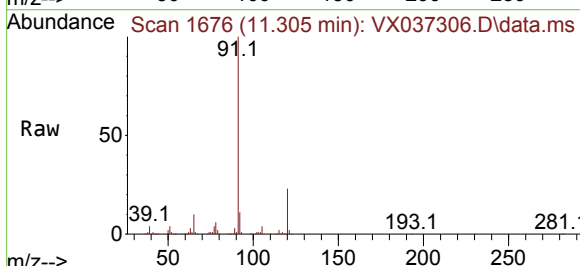
Acq: 28 Aug 2023 19:50

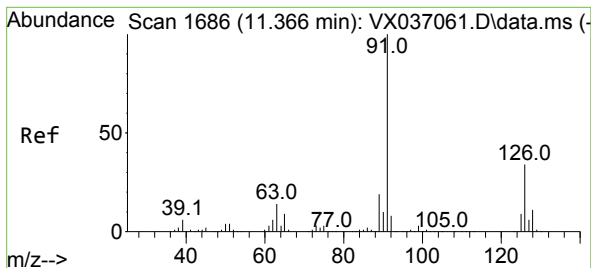
Tgt Ion: 91 Resp: 344193

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.140 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

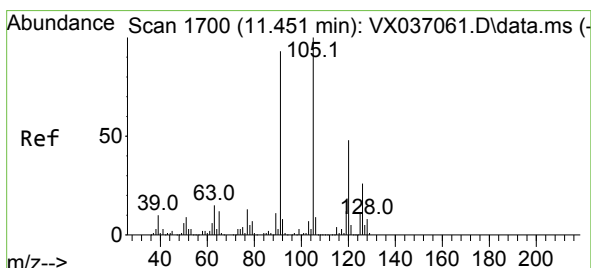
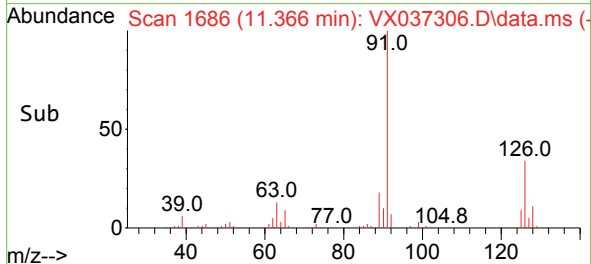
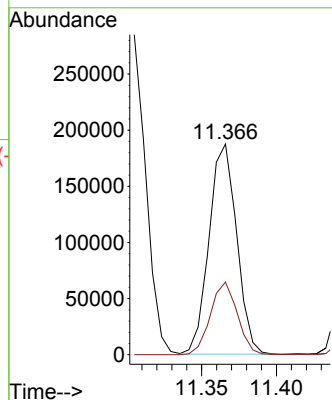
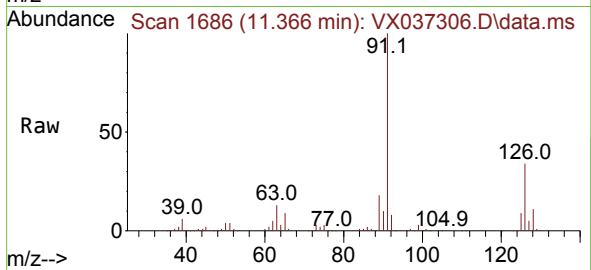
MW201D1-20230819MSD

Tgt Ion: 91 Resp: 240698

Ion Ratio Lower Upper

91 100

126 33.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 50.744 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX037306.D

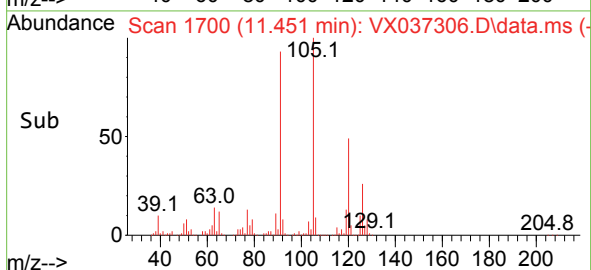
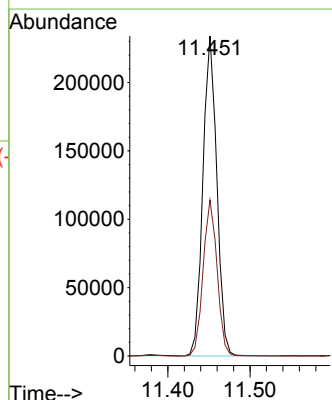
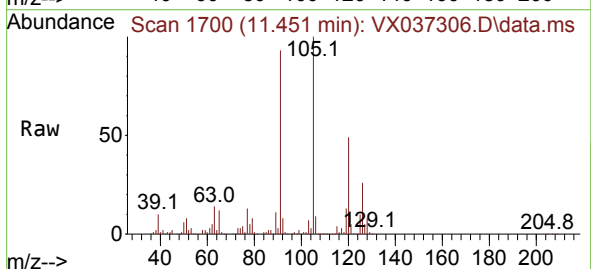
Acq: 28 Aug 2023 19:50

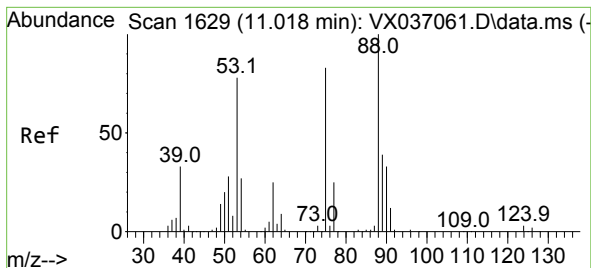
Tgt Ion: 105 Resp: 274610

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.3

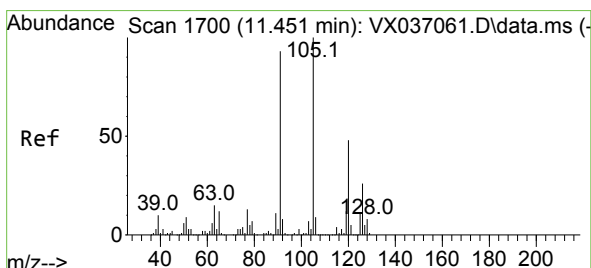
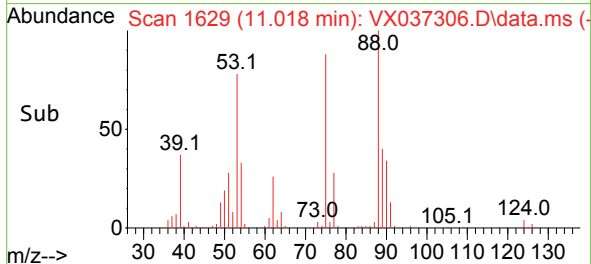
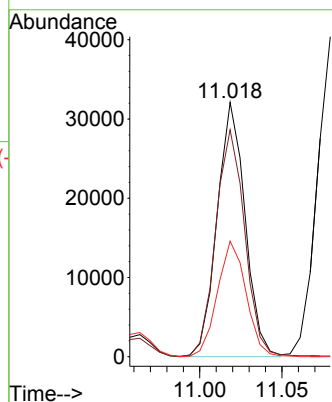
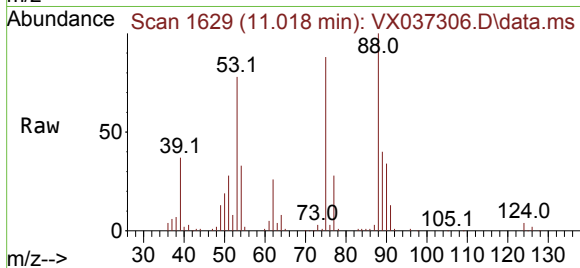




#81
trans-1,4-Dichloro-2-butene
Concen: 55.878 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

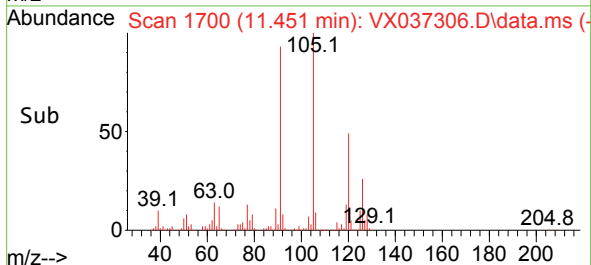
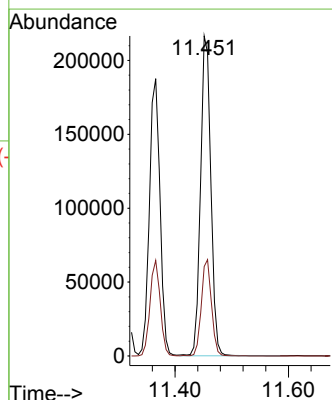
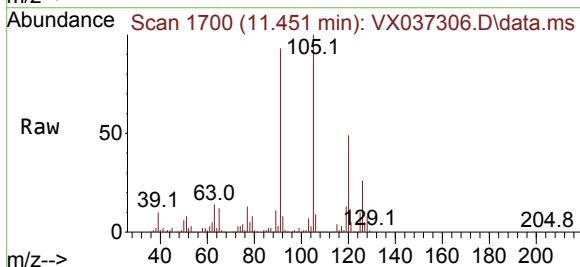
Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20230819MSD

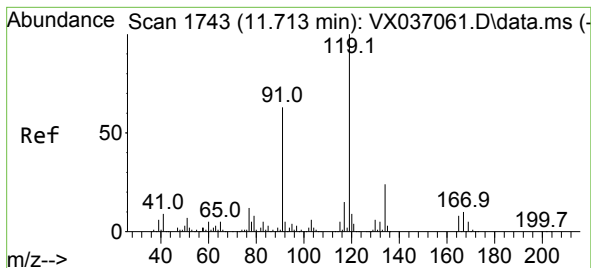
Tgt Ion:	75	Resp:	38028
Ion	Ratio	Lower	Upper
75	100		
53	92.4	90.5	135.7
89	46.5	36.9	55.3



#82
4-Chlorotoluene
Concen: 51.245 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037306.D
Acq: 28 Aug 2023 19:50

Tgt Ion:	91	Resp:	273074
Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.2	42.6





#83

tert-Butylbenzene

Concen: 53.885 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

MW201D1-20230819MSD

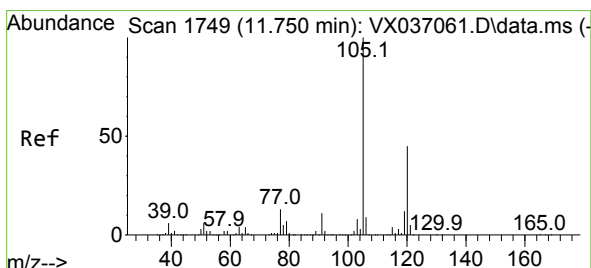
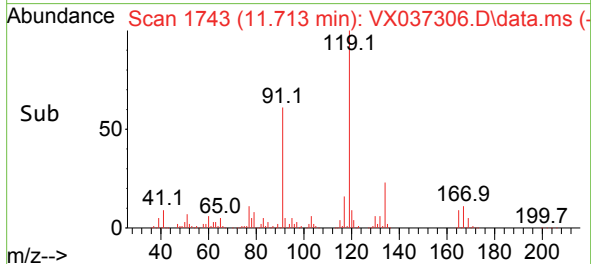
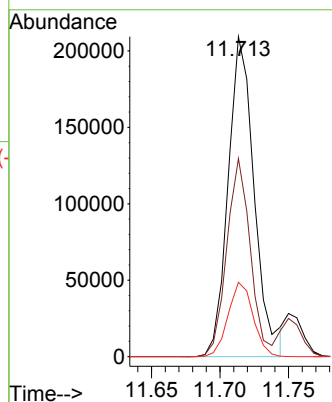
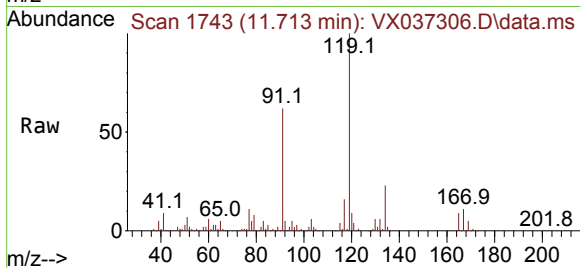
Tgt Ion:119 Resp: 278106

Ion Ratio Lower Upper

119 100

91 55.9 31.2 93.6

134 22.3 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 52.105 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX037306.D

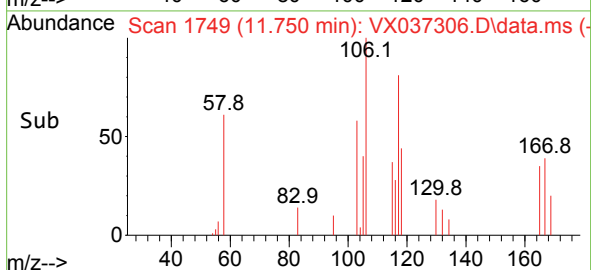
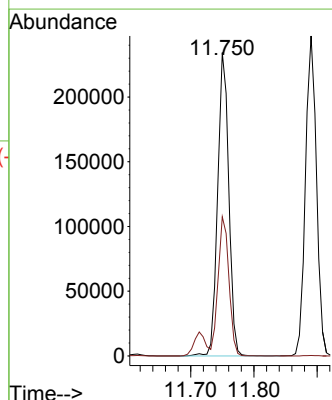
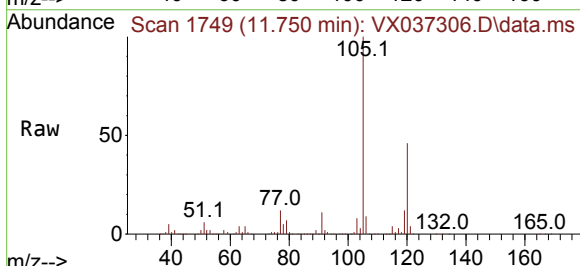
Acq: 28 Aug 2023 19:50

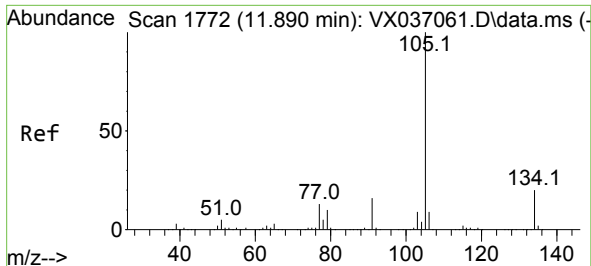
Tgt Ion:105 Resp: 284977

Ion Ratio Lower Upper

105 100

120 44.6 21.2 63.6

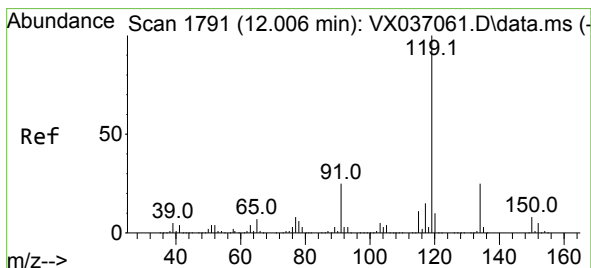
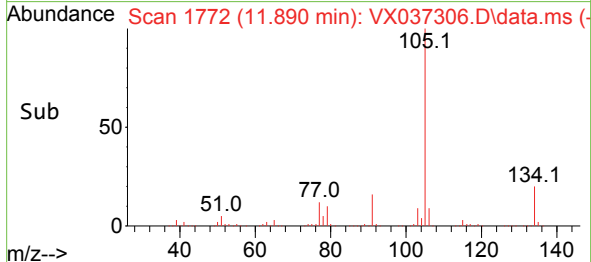
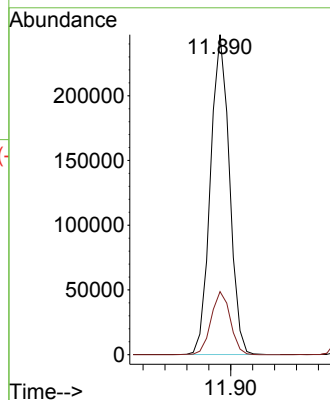
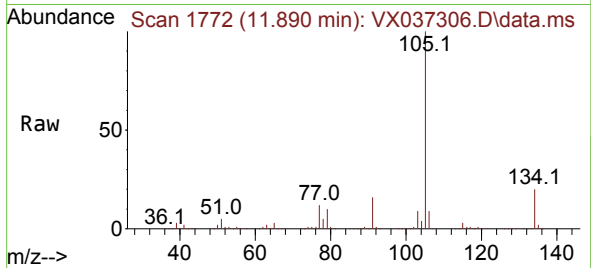




#85
 sec-Butylbenzene
 Concen: 49.114 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037306.D
 Acq: 28 Aug 2023 19:50

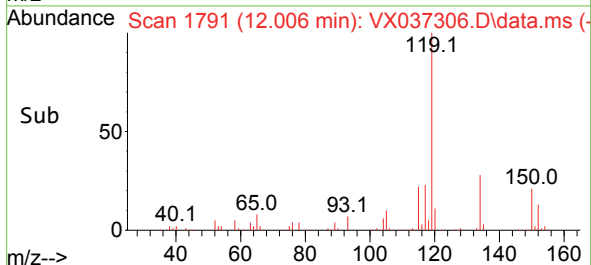
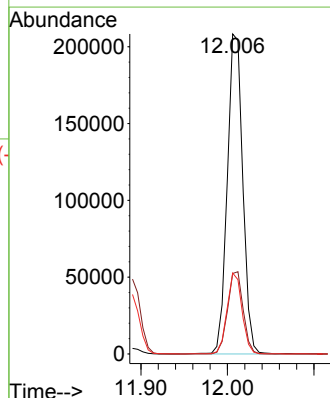
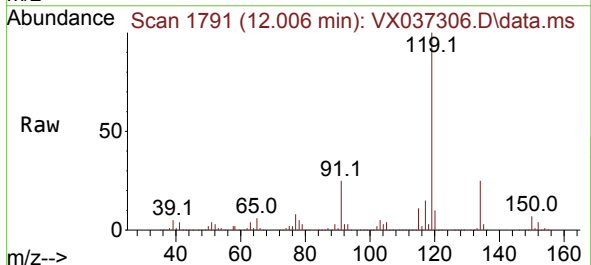
Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D1-20230819MSD

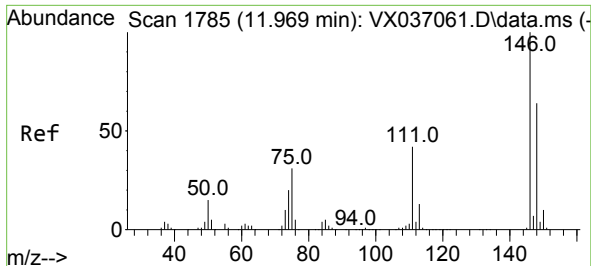
Tgt Ion:105 Resp: 296078
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 49.911 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX037306.D
 Acq: 28 Aug 2023 19:50

Tgt Ion:119 Resp: 259014
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 24.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.454 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037306.D

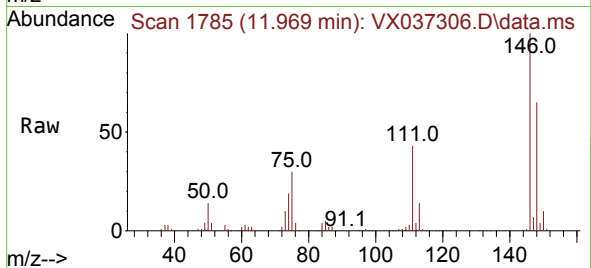
Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

MW201D1-20230819MSD



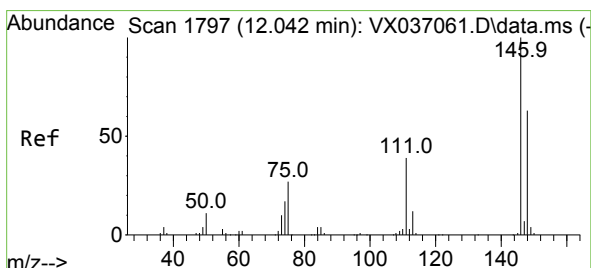
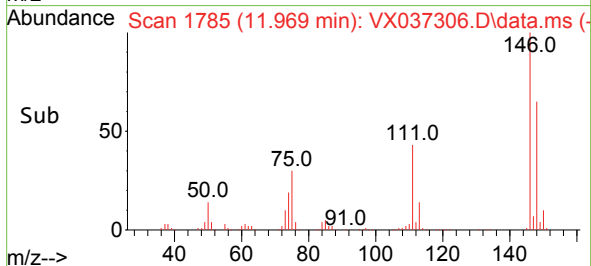
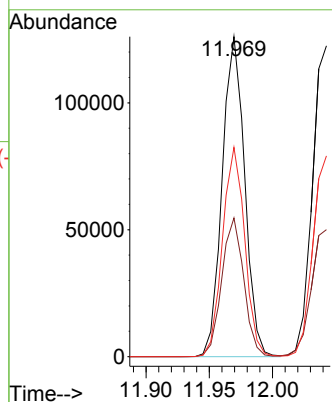
Tgt Ion:146 Resp: 155596

Ion Ratio Lower Upper

146 100

111 42.5 22.1 66.1

148 64.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 51.566 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

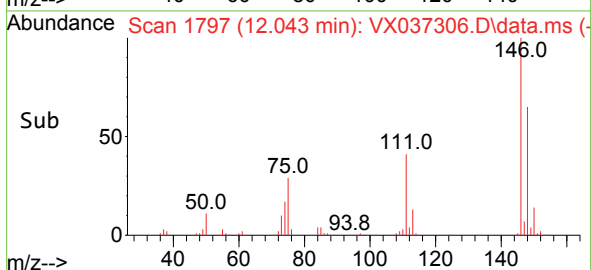
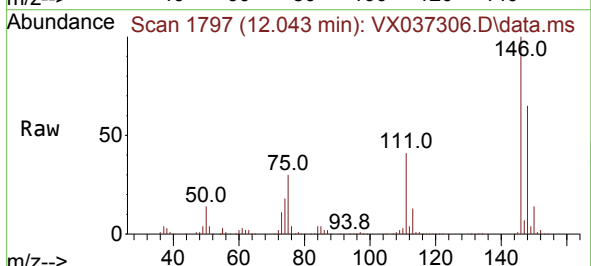
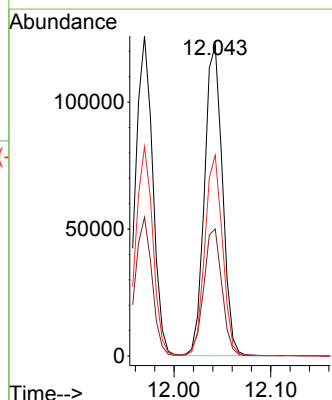
Tgt Ion:146 Resp: 158034

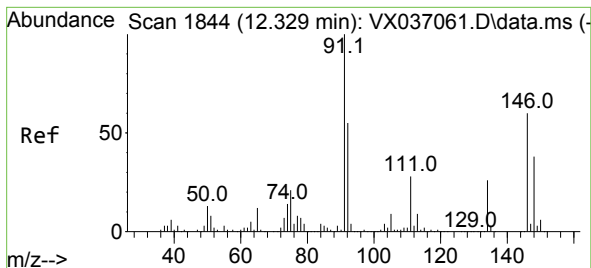
Ion Ratio Lower Upper

146 100

111 41.6 21.3 63.7

148 63.7 31.8 95.4





#89

n-Butylbenzene

Concen: 45.759 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

MW201D1-20230819MSD

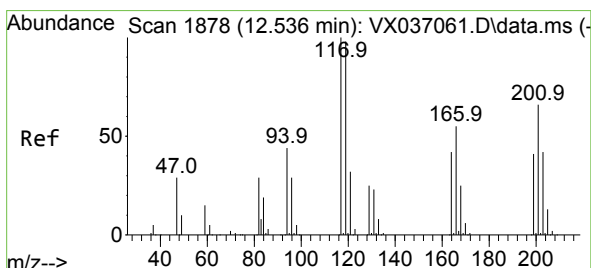
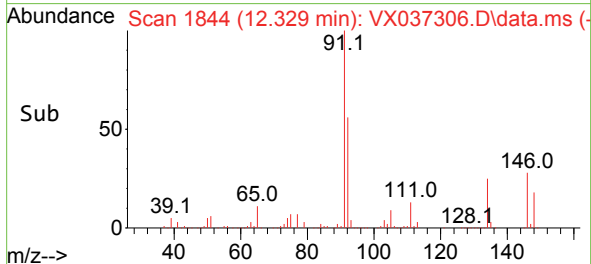
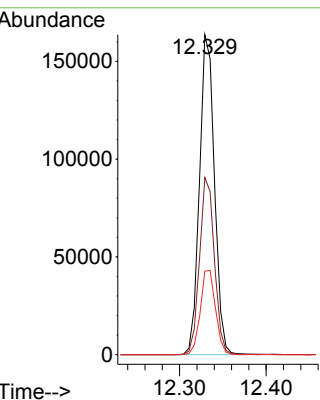
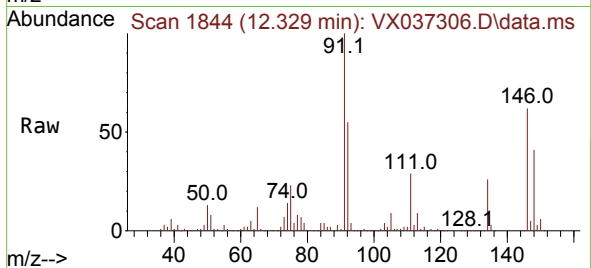
Tgt Ion: 91 Resp: 196877

Ion Ratio Lower Upper

91 100

92 55.0 27.4 82.0

134 26.7 12.6 37.8



#90

Hexachloroethane

Concen: 55.051 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX037306.D

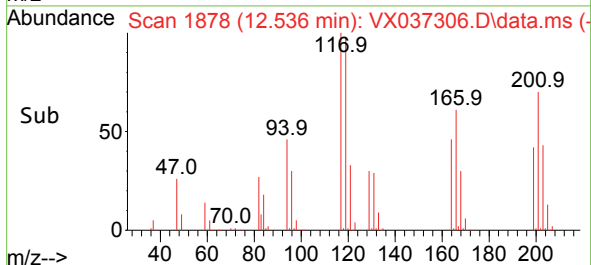
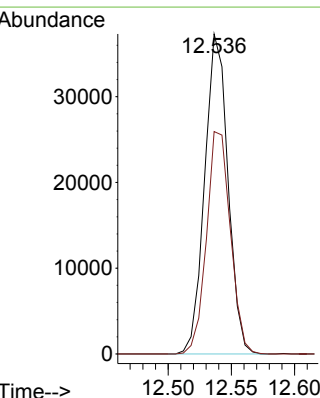
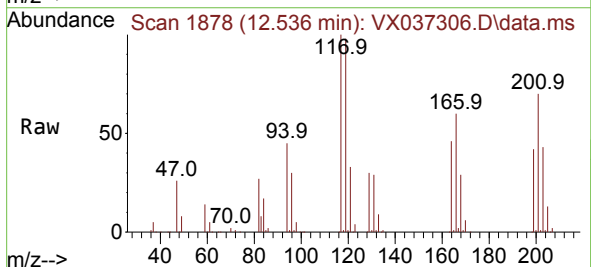
Acq: 28 Aug 2023 19:50

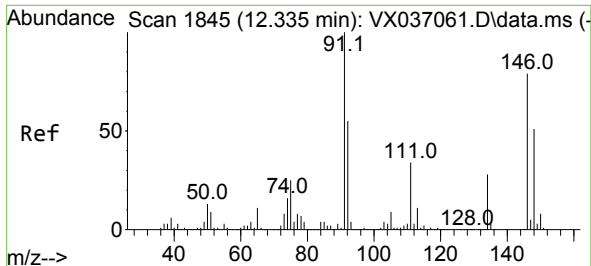
Tgt Ion: 117 Resp: 47684

Ion Ratio Lower Upper

117 100

201 71.4 32.9 98.6

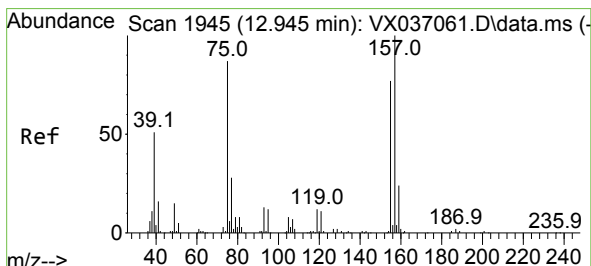
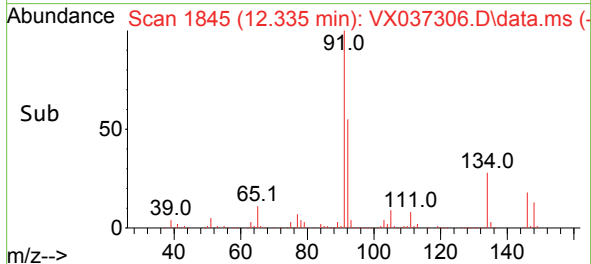
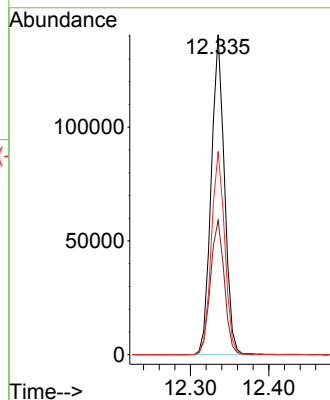
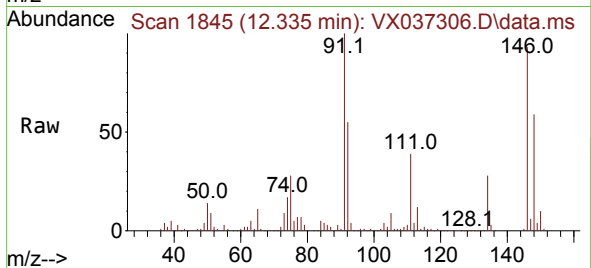




#91
 1,2-Dichlorobenzene
 Concen: 56.821 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX037306.D
 Acq: 28 Aug 2023 19:50

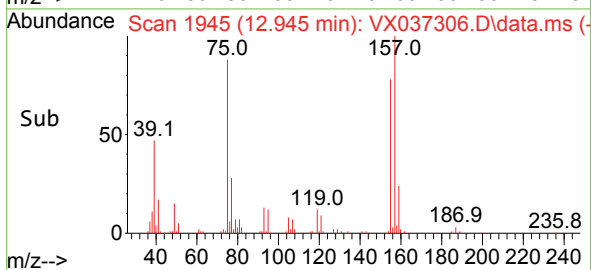
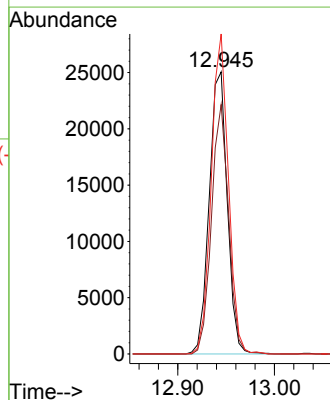
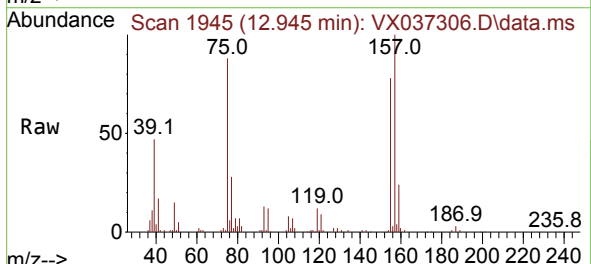
Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D1-20230819MSD

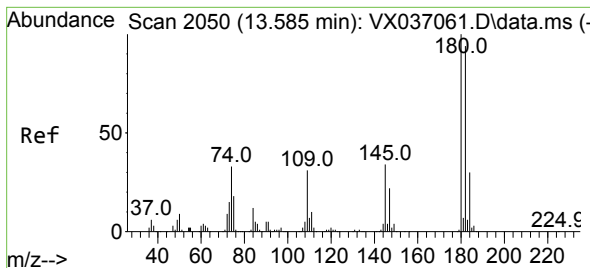
Tgt Ion:146 Resp: 165049
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.4 67.0
 148 64.5 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 63.915 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: VX037306.D
 Acq: 28 Aug 2023 19:50

Tgt Ion: 75 Resp: 32447
 Ion Ratio Lower Upper
 75 100
 155 84.1 36.1 108.5
 157 107.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.605 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

MW201D1-20230819MSD

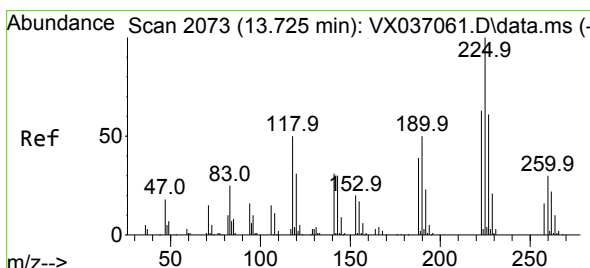
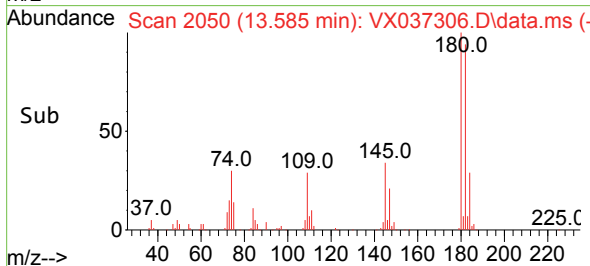
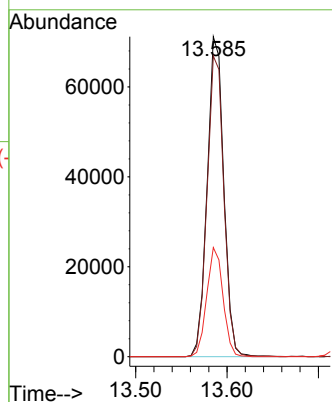
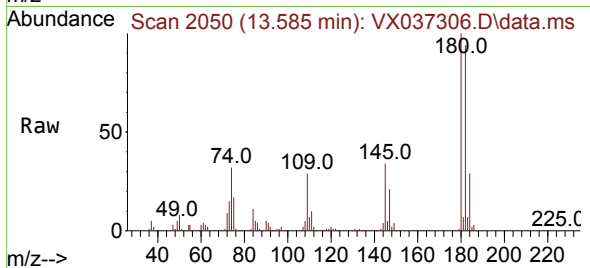
Tgt Ion:180 Resp: 89408

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.8

145 33.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 41.394 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

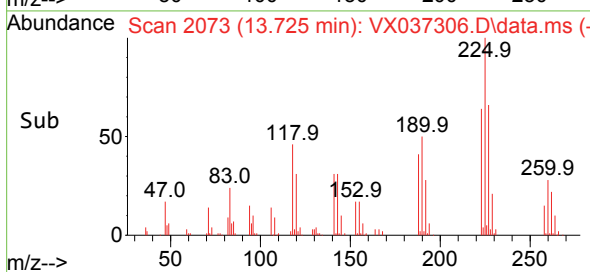
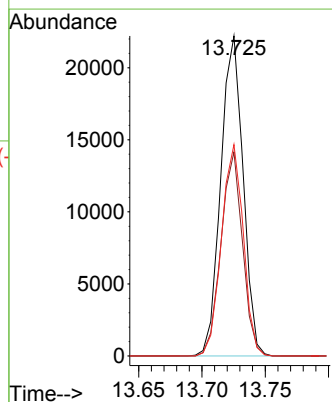
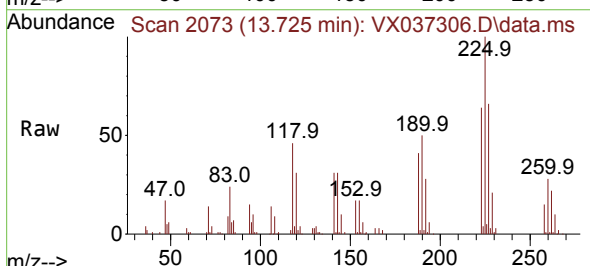
Tgt Ion:225 Resp: 27179

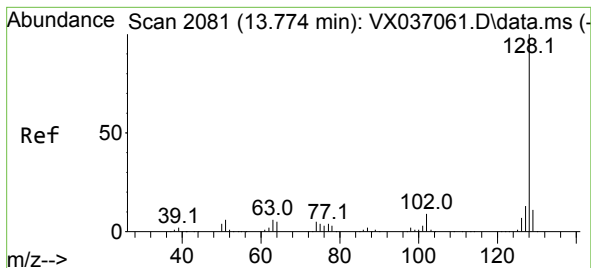
Ion Ratio Lower Upper

225 100

223 61.3 31.1 93.2

227 64.6 32.5 97.5





#95

Naphthalene

Concen: 50.716 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Instrument :

MSVOA_X

ClientSampleId :

MW201D1-20230819MSD

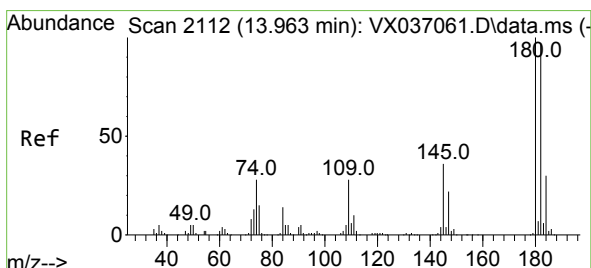
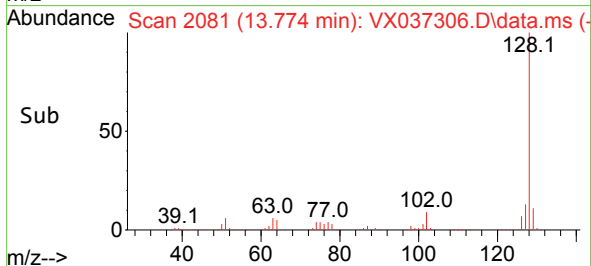
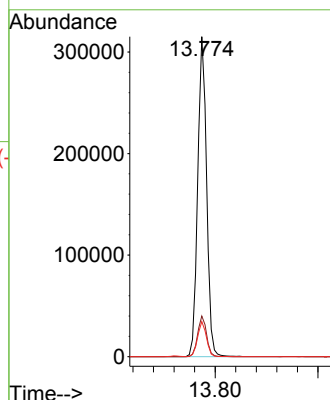
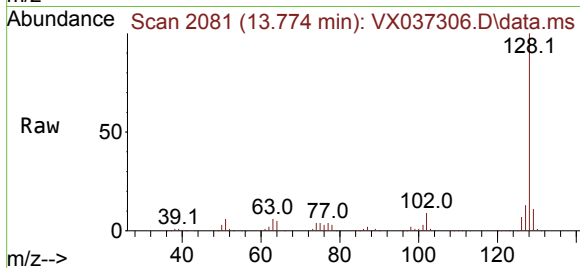
Tgt Ion:128 Resp: 377579

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 56.498 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX037306.D

Acq: 28 Aug 2023 19:50

Tgt Ion:180 Resp: 95400

Ion Ratio Lower Upper

180 100

182 93.8 46.9 140.6

145 35.1 17.8 53.5

