

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
 Data File : VX039010.D
 Acq On : 22 Nov 2023 18:04
 Operator : JC/MD
 Sample : 05407-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20231114MSD

Quant Time: Nov 23 01:37:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	106427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196314	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94516	55.114	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.220%	
35) Dibromofluoromethane	5.385	113	75064	52.943	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.880%	
50) Toluene-d8	8.647	98	274623	50.625	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	11.079	95	111363	51.283	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	74608	60.080	ug/l	98
3) Chloromethane	1.295	50	86580	53.418	ug/l	100
4) Vinyl Chloride	1.374	62	87964	56.341	ug/l	100
5) Bromomethane	1.599	94	53641	83.097	ug/l	100
6) Chloroethane	1.679	64	53221	59.732	ug/l	97
7) Trichlorofluoromethane	1.886	101	121038	61.093	ug/l	100
8) Diethyl Ether	2.136	74	47259	54.767	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	67204	51.149	ug/l	95
10) Methyl Iodide	2.453	142	77132	48.233	ug/l	94
11) Tert butyl alcohol	2.959	59	132509	277.815	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	69343	52.276	ug/l	94
13) Acrolein	2.233	56	63907	253.251	ug/l	100
14) Allyl chloride	2.666	41	138717	52.232	ug/l	97
15) Acrylonitrile	3.063	53	269756	267.659	ug/l	99
16) Acetone	2.380	43	217064	237.771	ug/l	93
17) Carbon Disulfide	2.508	76	205685	50.059	ug/l	99
18) Methyl Acetate	2.703	43	209095	48.220	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	259518	55.625	ug/l	97
20) Methylene Chloride	2.788	84	82779	50.301	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	79772	54.503	ug/l	95
22) Diisopropyl ether	3.758	45	264511	54.291	ug/l	99
23) Vinyl Acetate	3.721	43	1031088	293.847	ug/l	100
24) 1,1-Dichloroethane	3.611	63	147958	54.305	ug/l	98
25) 2-Butanone	4.556	43	385786	260.594	ug/l	97
26) 2,2-Dichloropropane	4.477	77	124057	52.492	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	91928	53.883	ug/l	97
28) Bromochloromethane	4.898	49	69227	52.921	ug/l	98
29) Tetrahydrofuran	5.001	42	266269	283.272	ug/l	99
30) Chloroform	5.093	83	150961	56.743	ug/l	94
31) Cyclohexane	5.471	56	133611	54.570	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	130123	56.468	ug/l	99
36) 1,1-Dichloropropene	5.696	75	112127	55.179	ug/l	97
37) Ethyl Acetate	4.715	43	145070	54.795	ug/l	98
38) Carbon Tetrachloride	5.678	117	111584	59.413	ug/l	98
39) Methylcyclohexane	7.379	83	140179	52.885	ug/l	99
40) Benzene	6.038	78	331469	55.151	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	76544	55.745	ug/l	94
42) 1,2-Dichloroethane	6.086	62	121617	61.074	ug/l	98
43) Isopropyl Acetate	6.336	43	232546	54.962	ug/l	99
44) Trichloroethene	7.129	130	83352	56.975	ug/l	96
45) 1,2-Dichloropropane	7.434	63	90319	55.842	ug/l	99
46) Dibromomethane	7.580	93	61780	57.277	ug/l	98
47) Bromodichloromethane	7.824	83	119981	56.045	ug/l	96
48) Methyl methacrylate	7.690	41	134306	65.423	ug/l	93
49) 1,4-Dioxane	7.659	88	45194	1137.947	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	765689	283.181	ug/l	100
52) Toluene	8.720	92	208176	55.816	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	134710	52.951	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	140752	53.561	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	85649	55.036	ug/l	95
56) Ethyl methacrylate	9.116	69	109093	41.432	ug/l	97
57) 1,3-Dichloropropane	9.305	76	144868	56.287	ug/l	99
59) 2-Hexanone	9.427	43	609138	281.067	ug/l	98
60) Dibromochloromethane	9.519	129	89511	56.568	ug/l	99
61) 1,2-Dibromoethane	9.610	107	92467	56.624	ug/l	100
64) Tetrachloroethene	9.275	164	63910	56.414	ug/l	97
65) Chlorobenzene	10.080	112	216441	55.130	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	79189	56.072	ug/l	98
67) Ethyl Benzene	10.195	91	407554	56.501	ug/l	98
68) m/p-Xylenes	10.299	106	305049	111.799	ug/l	99
69) o-Xylene	10.640	106	146906	54.412	ug/l	99
70) Styrene	10.653	104	218234	47.861	ug/l	99
71) Bromoform	10.799	173	63997	54.358	ug/l #	99
73) Isopropylbenzene	10.964	105	392134	53.411	ug/l	100
74) N-amyl acetate	10.842	43	198622	51.178	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	149715	52.238	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	171987	73.154	ug/l	90
77) Bromobenzene	11.195	156	89874	54.479	ug/l	100
78) n-propylbenzene	11.305	91	474510	52.507	ug/l	98
79) 2-Chlorotoluene	11.366	91	278062	51.847	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	336572	54.522	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	47885	45.178	ug/l	86
82) 4-Chlorotoluene	11.457	91	326319	52.769	ug/l	99
83) tert-Butylbenzene	11.713	119	328191	53.981	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	340708	54.529	ug/l	100
85) sec-Butylbenzene	11.890	105	405113	50.942	ug/l	99
86) p-Isopropyltoluene	12.006	119	341190	53.446	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	170040	52.636	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	173838	52.577	ug/l	99
89) n-Butylbenzene	12.335	91	333496	51.778	ug/l	97
90) Hexachloroethane	12.536	117	64638	50.703	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	164849	53.802	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	37666	53.642	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	107681	52.444	ug/l	97
94) Hexachlorobutadiene	13.725	225	36759	50.555	ug/l	99
95) Naphthalene	13.774	128	398607	52.125	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	103958	53.411	ug/l	99

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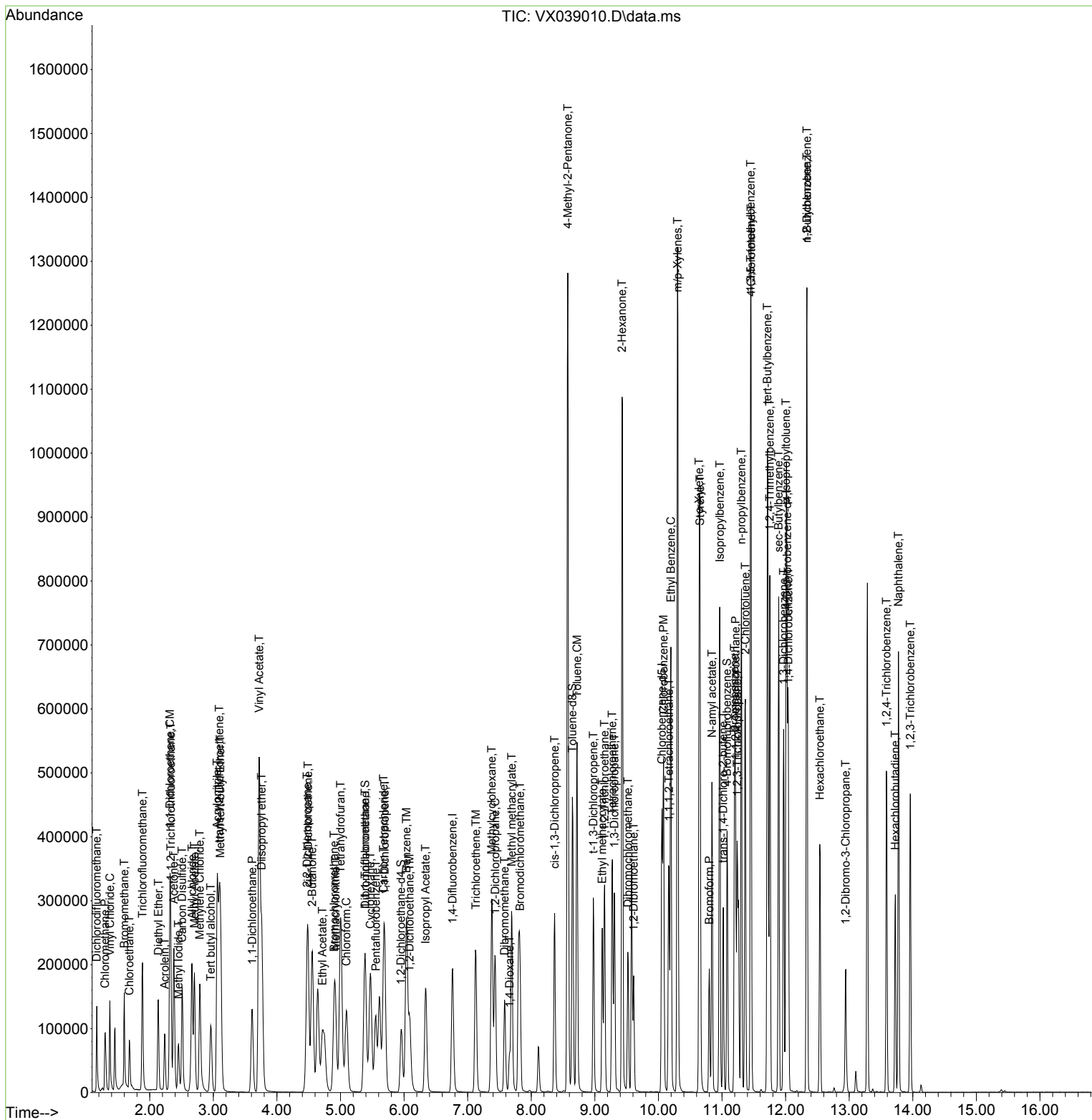
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

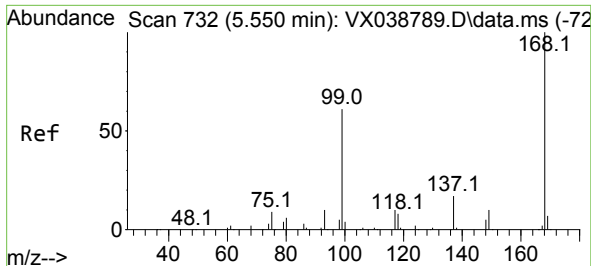
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

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MSVOA_X

ClientSampleId :

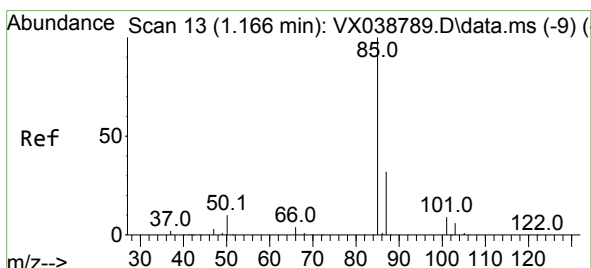
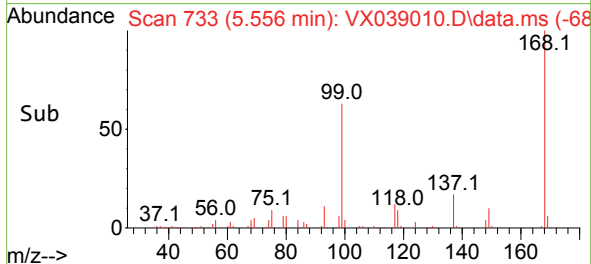
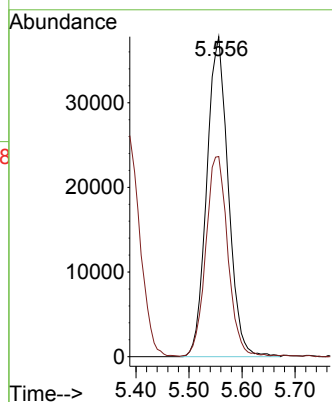
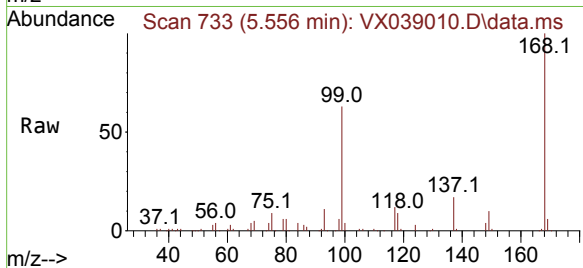
MH-117N-20231114MSD

Tgt Ion:168 Resp: 106427

Ion Ratio Lower Upper

168 100

99 62.4 56.6 85.0



#2

Dichlorodifluoromethane

Concen: 60.080 ug/l

RT: 1.167 min Scan# 13

Delta R.T. 0.001 min

Lab File: VX039010.D

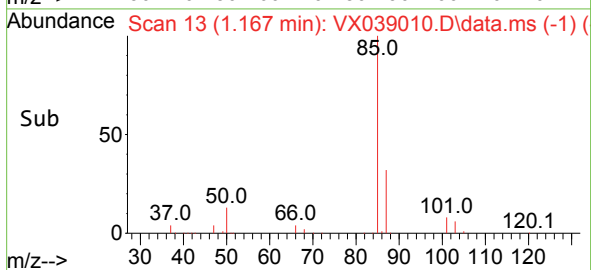
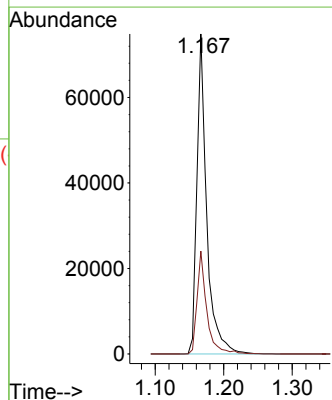
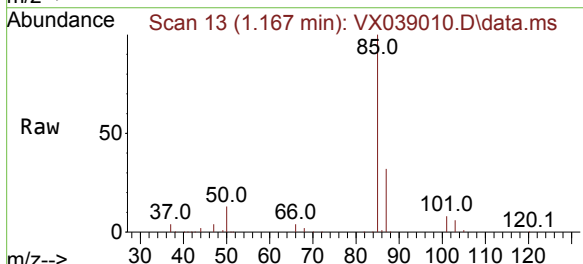
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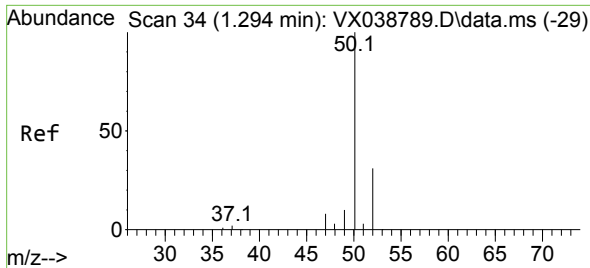
Tgt Ion: 85 Resp: 74608

Ion Ratio Lower Upper

85 100

87 32.1 16.7 50.1

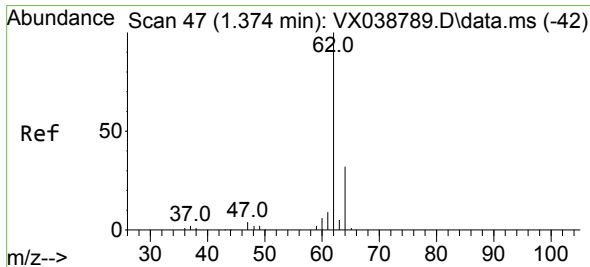
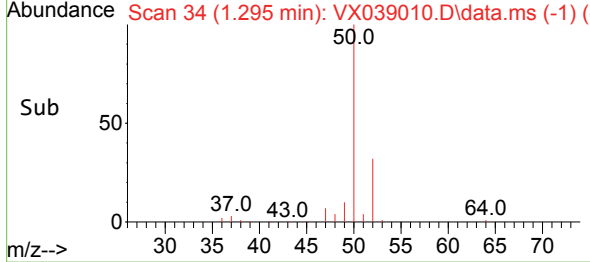
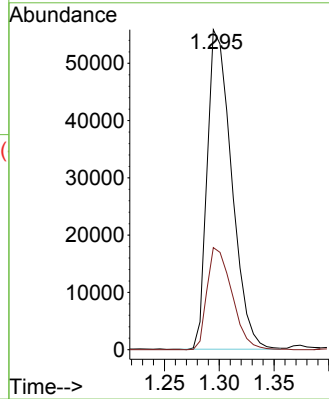
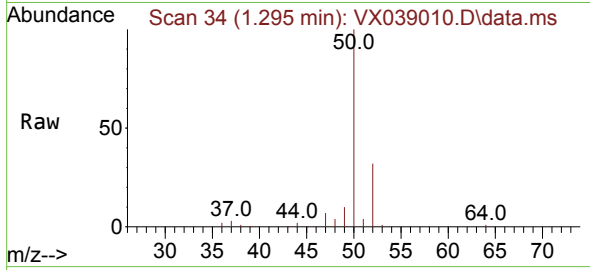




#3
Chloromethane
Concen: 53.418 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

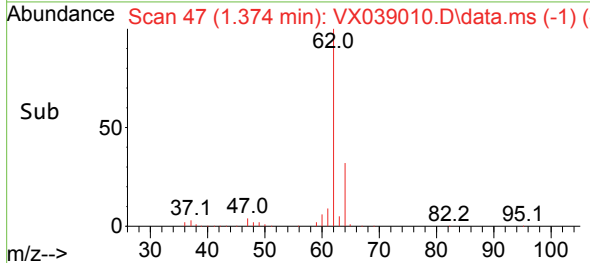
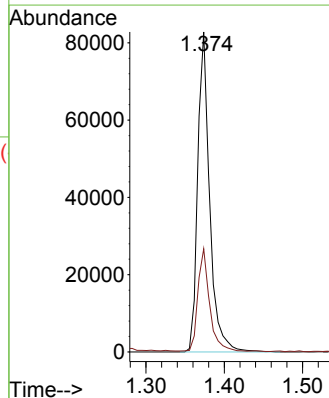
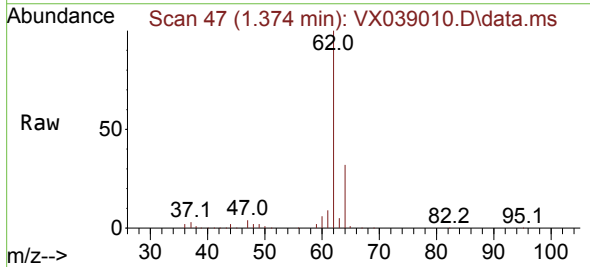
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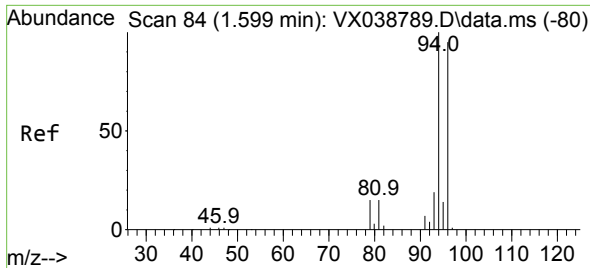
Tgt Ion: 50 Resp: 86580
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3



#4
Vinyl Chloride
Concen: 56.341 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion: 62 Resp: 87964
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0

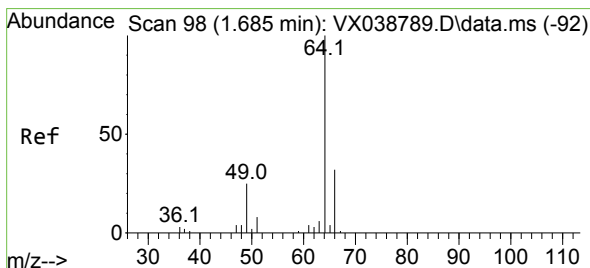
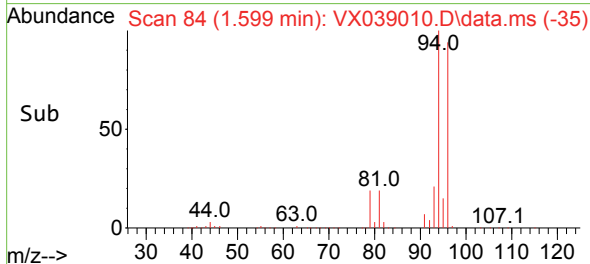
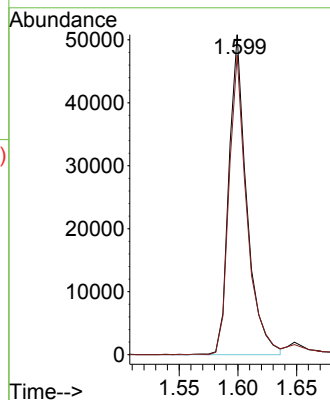
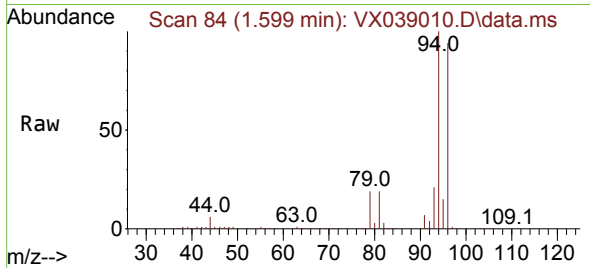




#5
Bromomethane
Concen: 83.097 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

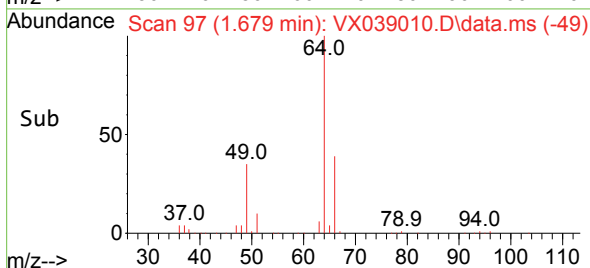
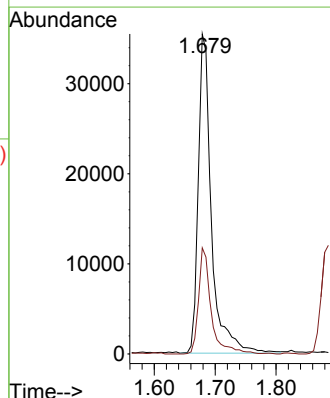
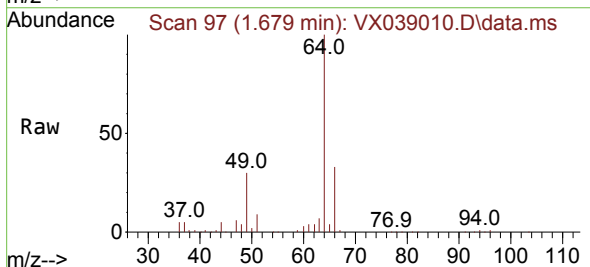
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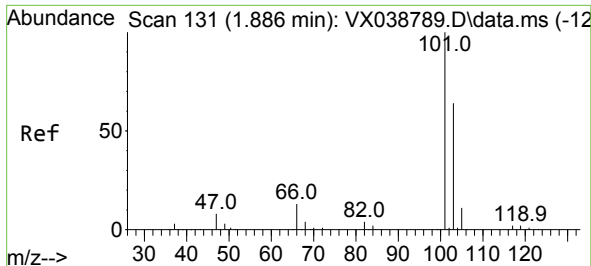
Tgt Ion: 94 Resp: 53641
Ion Ratio Lower Upper
94 100
96 93.5 74.6 111.8



#6
Chloroethane
Concen: 59.732 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion: 64 Resp: 53221
Ion Ratio Lower Upper
64 100
66 33.2 25.1 37.7

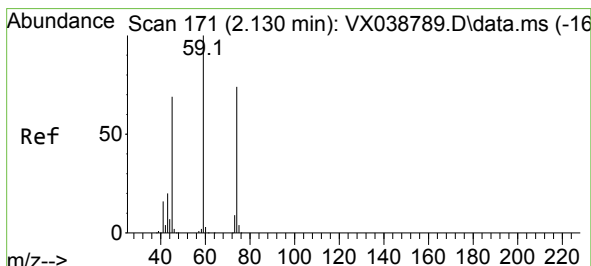
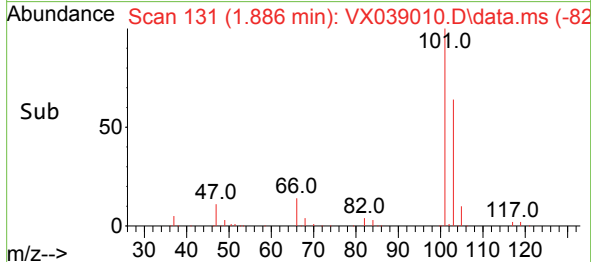
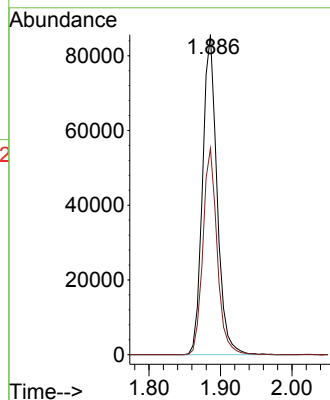
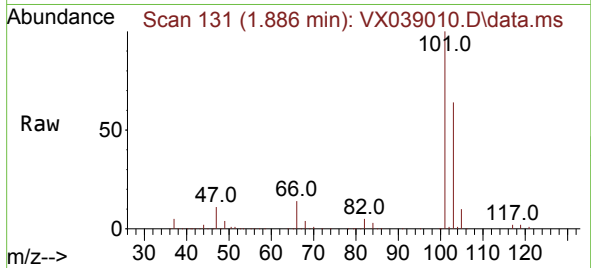




#7
 Trichlorofluoromethane
 Concen: 61.093 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039010.D
 Acq: 22 Nov 2023 18:04

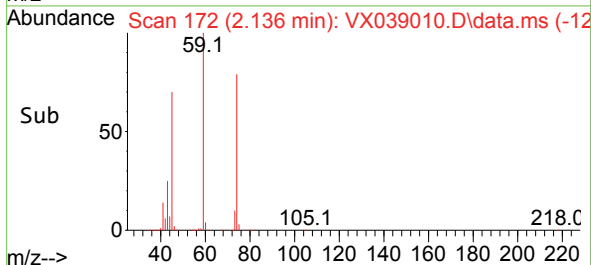
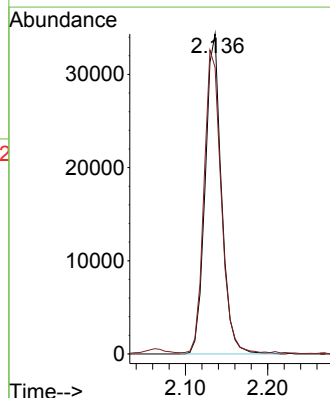
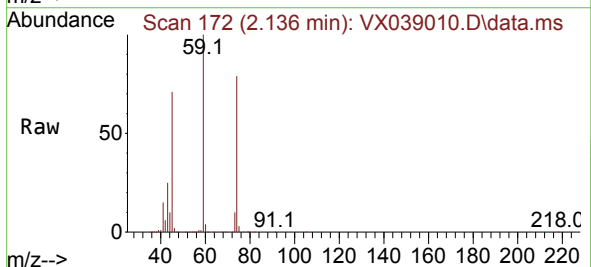
Instrument :
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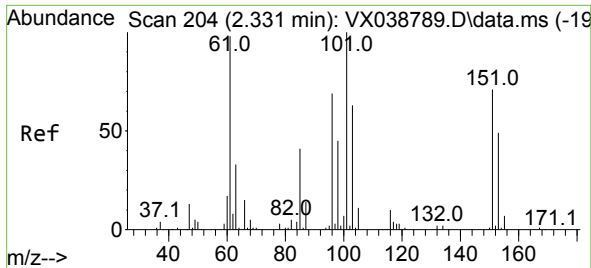
Tgt Ion:101 Resp: 121038
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.2



#8
 Diethyl Ether
 Concen: 54.767 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 47259
 Ion Ratio Lower Upper
 74 100
 45 99.0 53.3 159.8

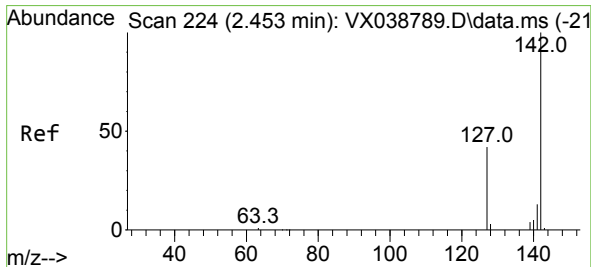
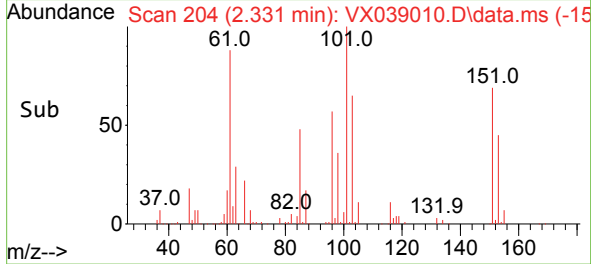
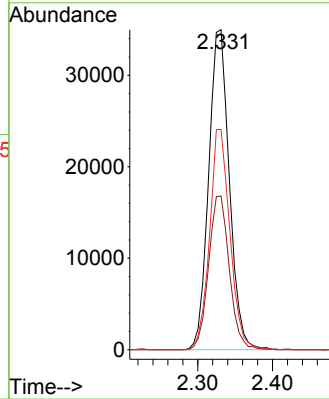
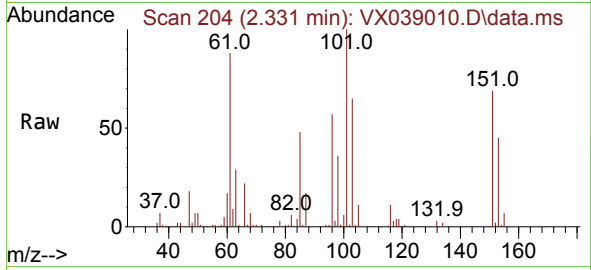




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.149 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039010.D
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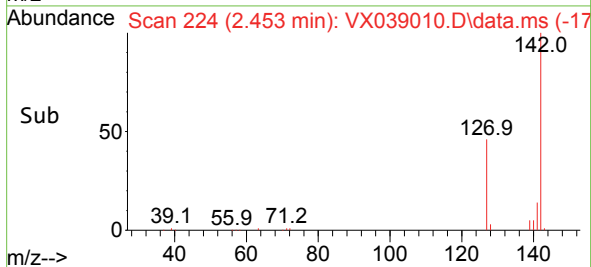
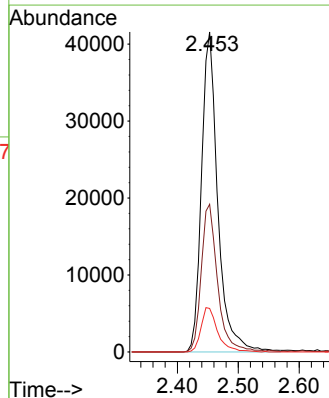
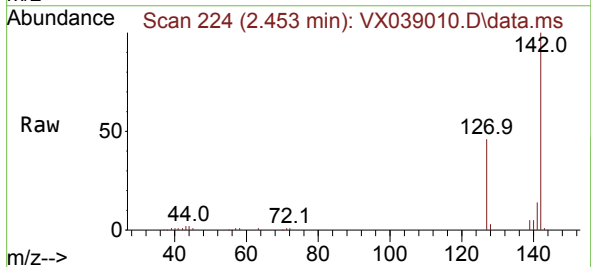
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

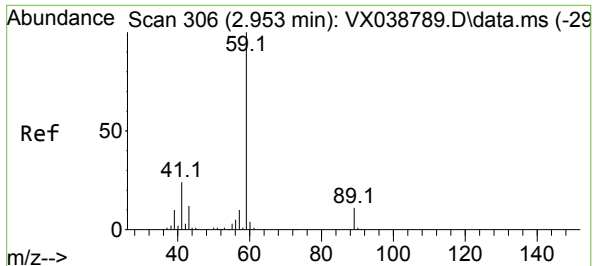
Tgt Ion:101 Resp: 67204
Ion Ratio Lower Upper
101 100
85 48.1 37.0 55.6
151 67.7 58.6 87.8



#10
Methyl Iodide
Concen: 48.233 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion:142 Resp: 77132
Ion Ratio Lower Upper
142 100
127 46.4 41.6 62.4
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 277.815 ug/l

RT: 2.959 min Scan# 306

Delta R.T. 0.006 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

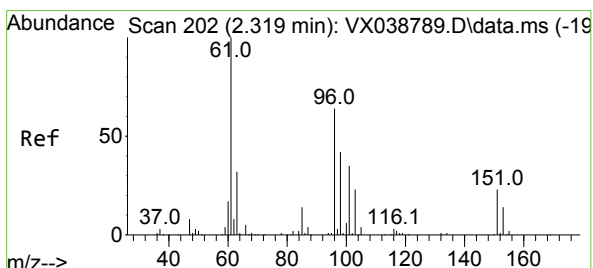
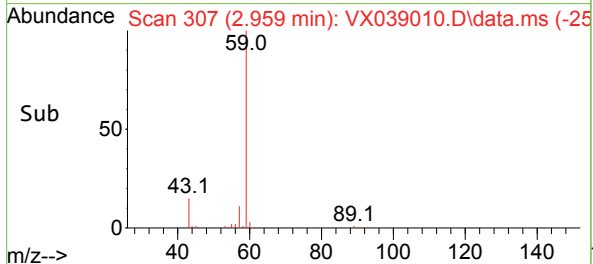
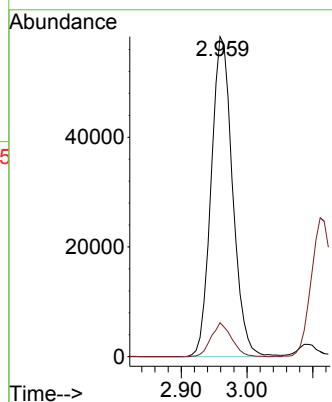
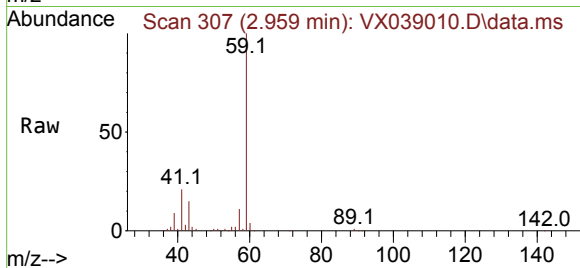
MH-117N-20231114MSD

Tgt Ion: 59 Resp: 132509

Ion Ratio Lower Upper

59 100

57 10.2 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 52.276 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

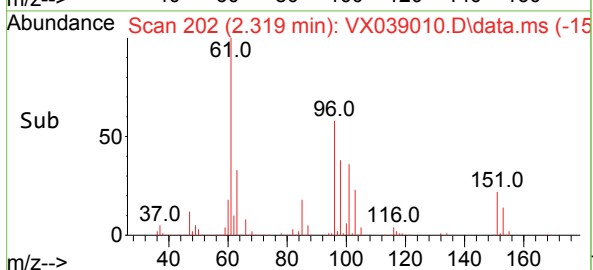
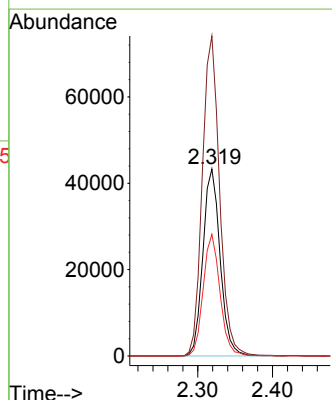
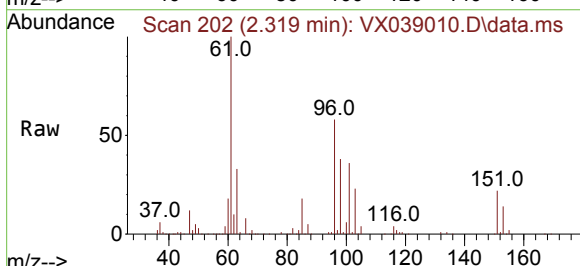
Tgt Ion: 96 Resp: 69343

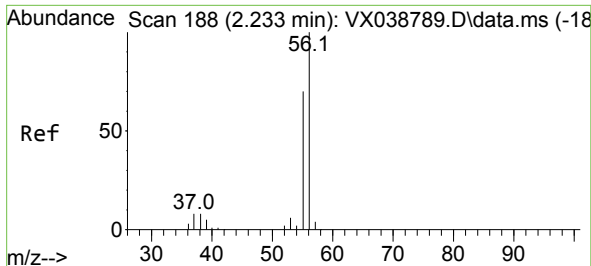
Ion Ratio Lower Upper

96 100

61 171.0 144.6 216.8

98 65.0 50.4 75.6





#13

Acrolein

Concen: 253.251 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

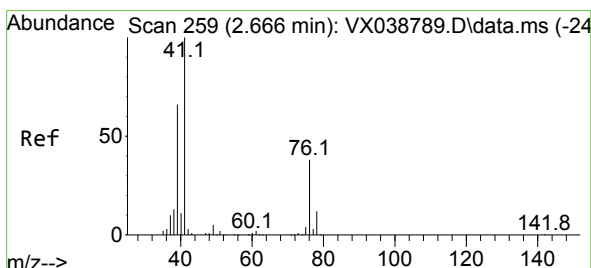
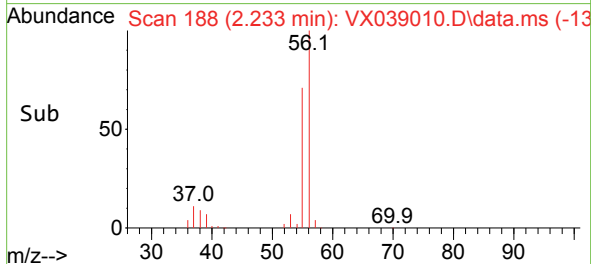
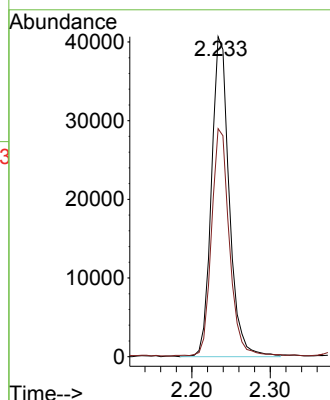
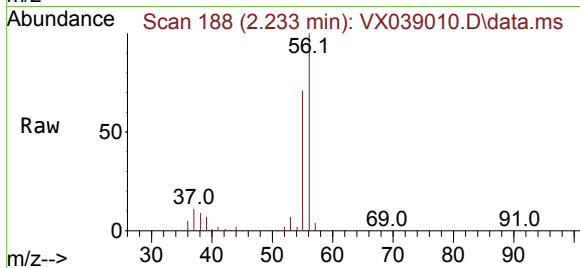
MH-117N-20231114MSD

Tgt Ion: 56 Resp: 63907

Ion Ratio Lower Upper

56 100

55 71.7 57.1 85.7



#14

Allyl chloride

Concen: 52.232 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

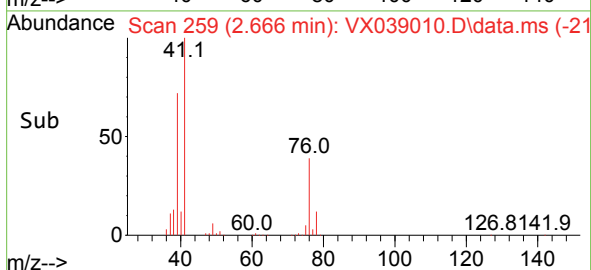
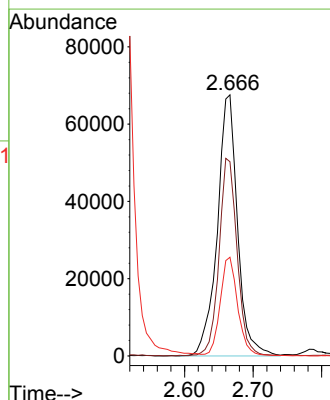
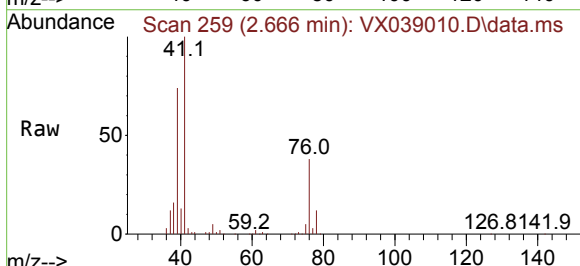
Tgt Ion: 41 Resp: 138717

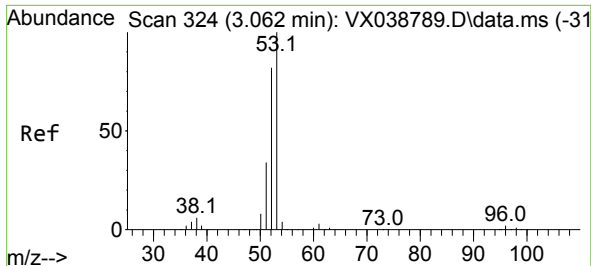
Ion Ratio Lower Upper

41 100

39 67.2 55.8 83.6

76 32.9 24.3 36.5

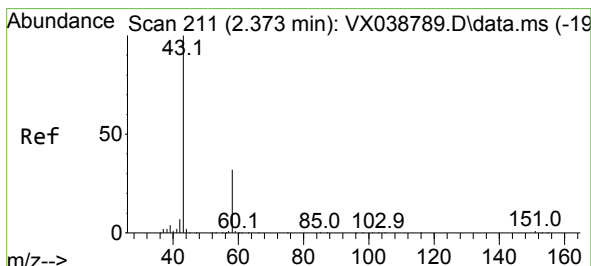
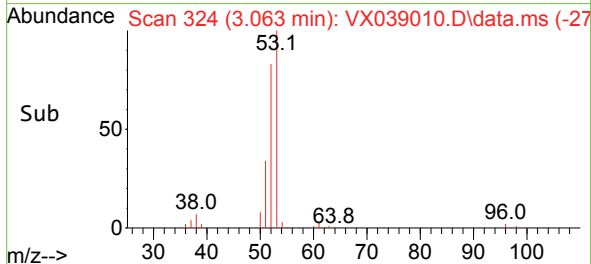
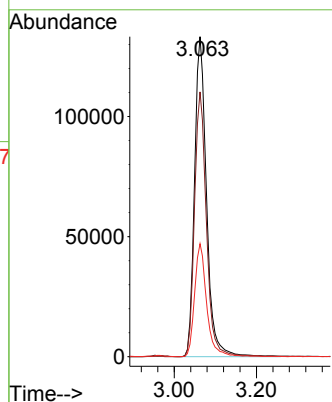
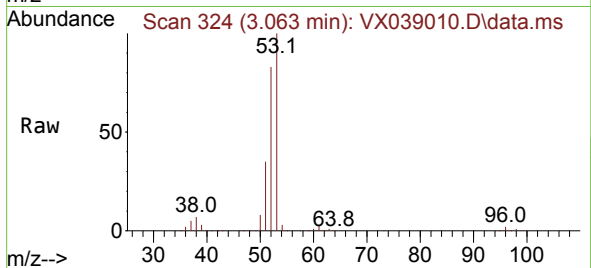




#15
Acrylonitrile
Concen: 267.659 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

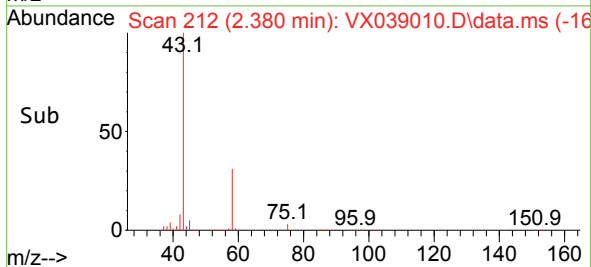
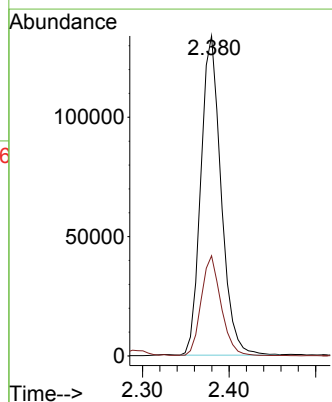
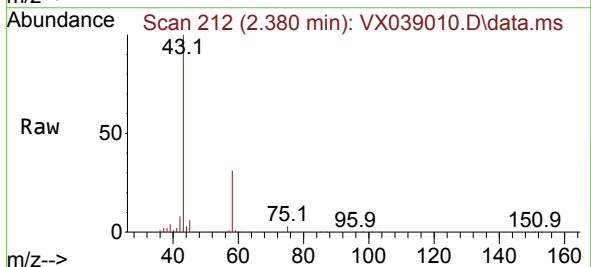
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

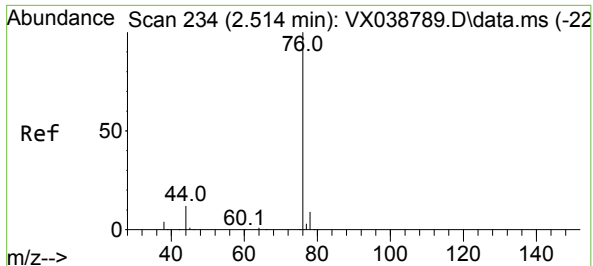
Tgt Ion: 53 Resp: 269756
Ion Ratio Lower Upper
53 100
52 82.4 66.0 99.0
51 35.5 29.8 44.6



#16
Acetone
Concen: 237.771 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion: 43 Resp: 217064
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9





#17

Carbon Disulfide

Concen: 50.059 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

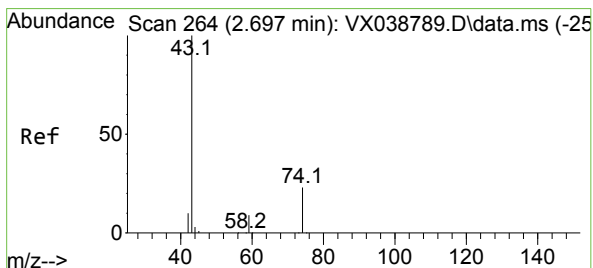
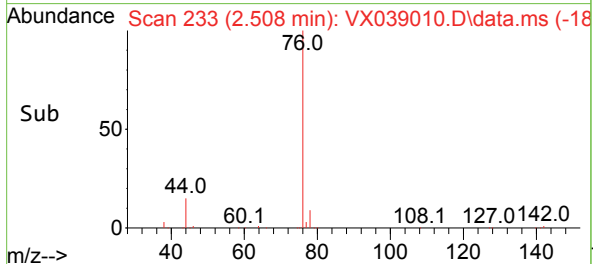
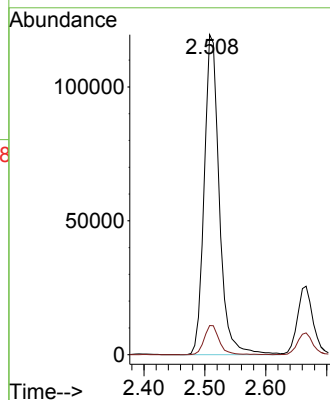
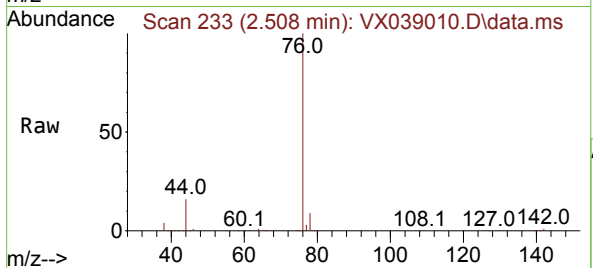
MH-117N-20231114MSD

Tgt Ion: 76 Resp: 205685

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



#18

Methyl Acetate

Concen: 48.220 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX039010.D

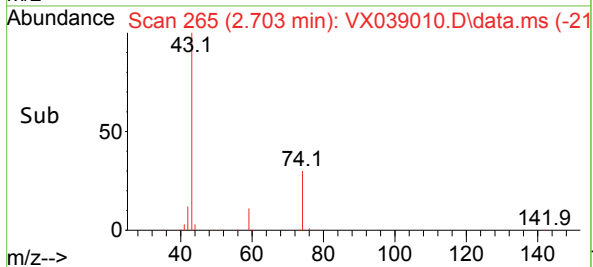
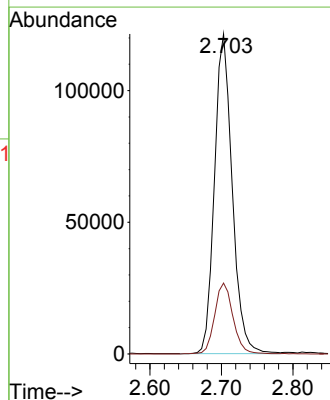
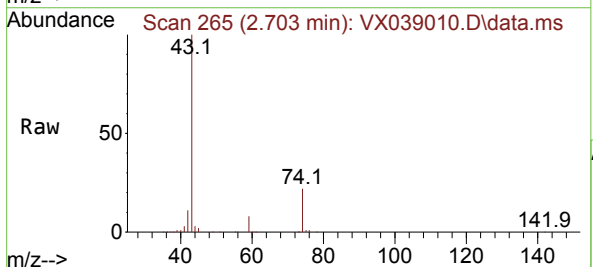
Acq: 22 Nov 2023 18:04

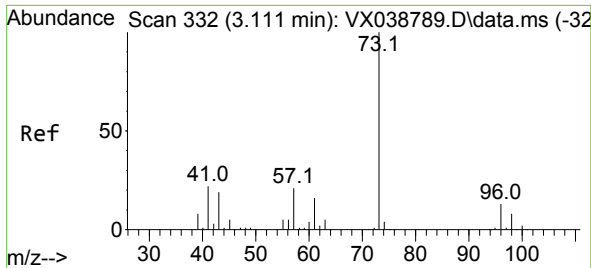
Tgt Ion: 43 Resp: 209095

Ion Ratio Lower Upper

43 100

74 23.0 17.8 26.8

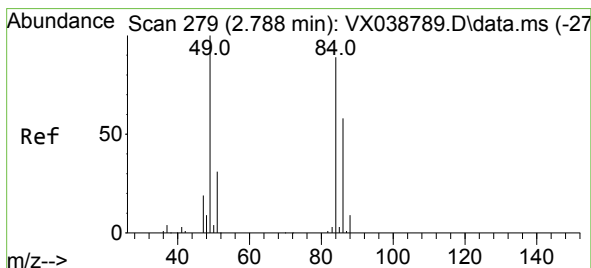
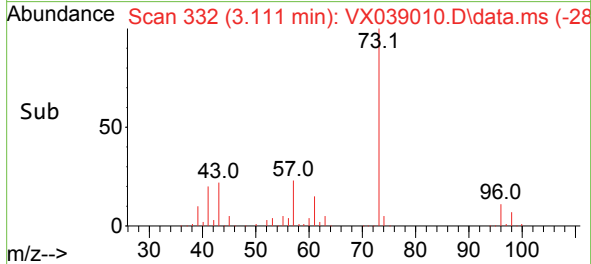
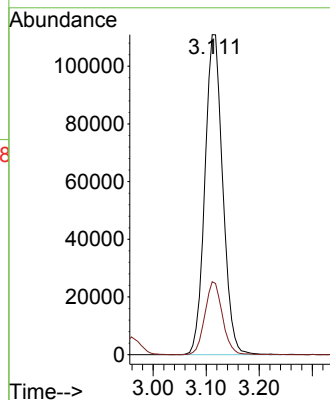
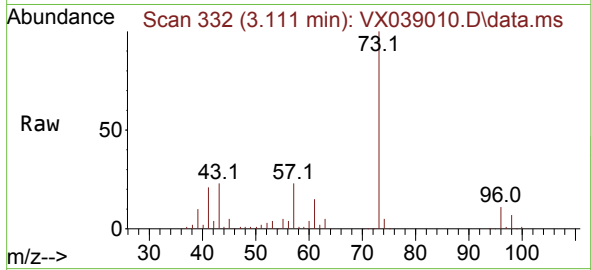




#19
Methyl tert-butyl Ether
Concen: 55.625 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

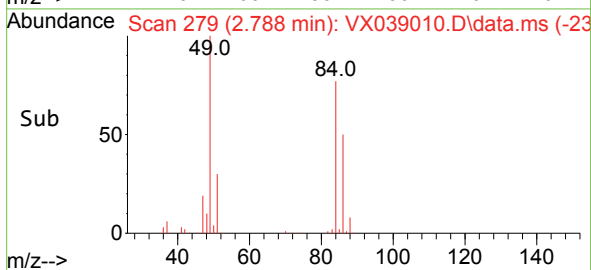
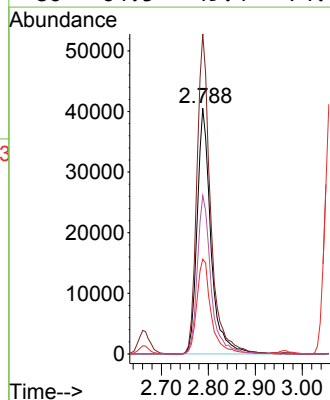
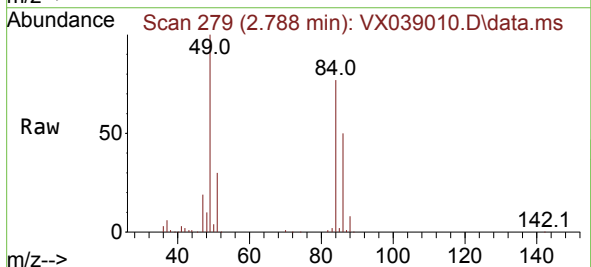
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

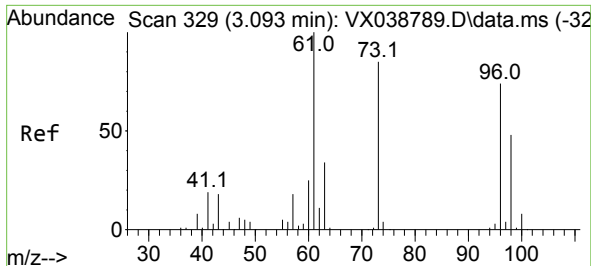
Tgt Ion: 73 Resp: 259518
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9



#20
Methylene Chloride
Concen: 50.301 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion: 84 Resp: 82779
Ion Ratio Lower Upper
84 100
49 130.3 103.6 155.4
51 38.5 33.8 50.6
86 64.5 49.4 74.0

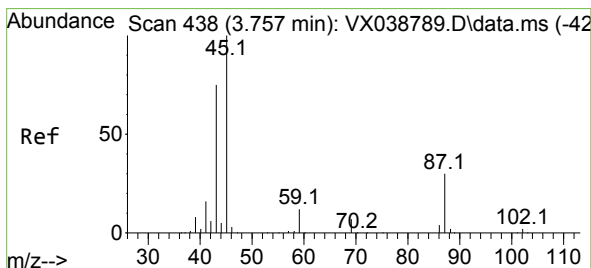
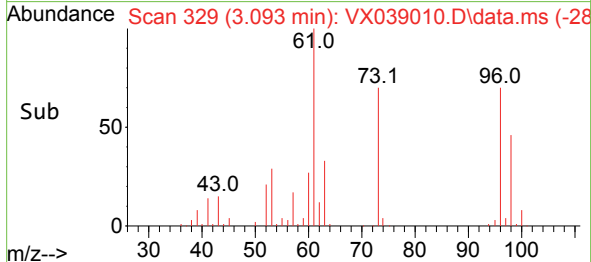
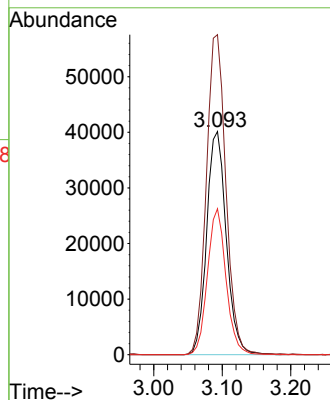
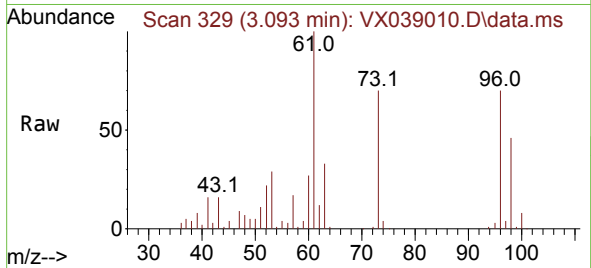




#21
trans-1,2-Dichloroethene
Concen: 54.503 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

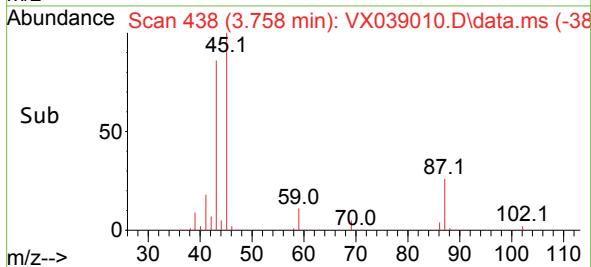
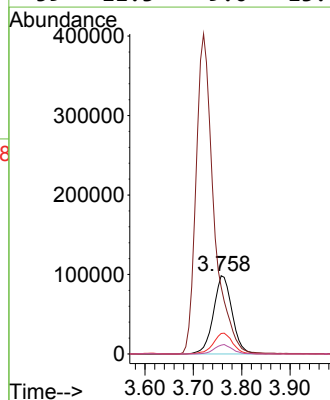
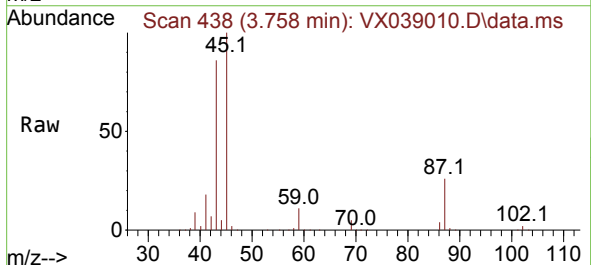
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

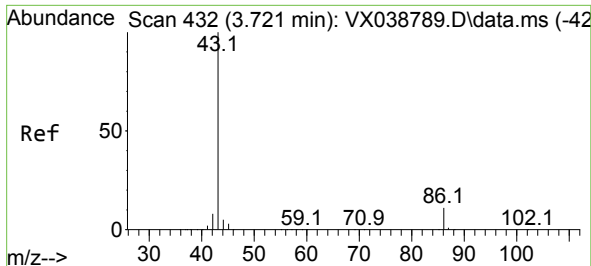
Tgt Ion: 96 Resp: 79772
Ion Ratio Lower Upper
96 100
61 143.4 119.2 178.8
98 65.4 48.7 73.1



#22
Diisopropyl ether
Concen: 54.291 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion: 45 Resp: 264511
Ion Ratio Lower Upper
45 100
43 85.7 69.7 104.5
87 26.1 20.8 31.2
59 11.3 9.0 13.4

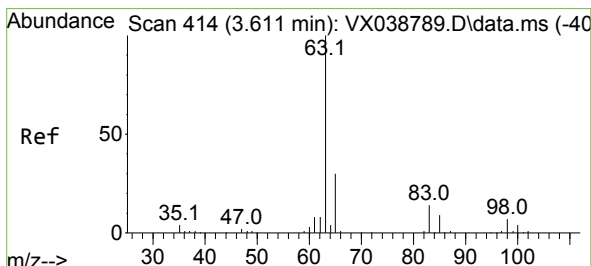
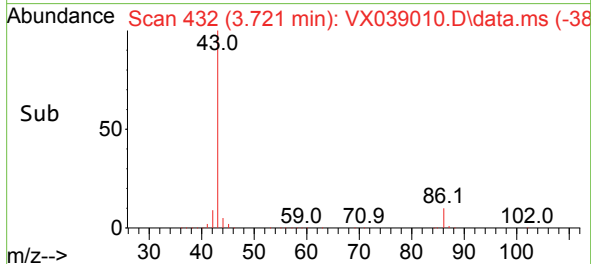
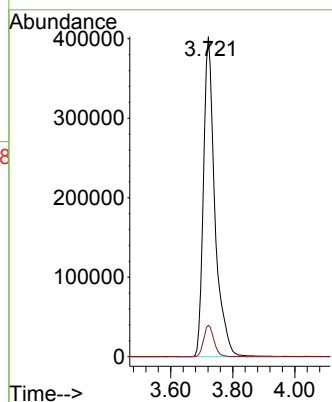
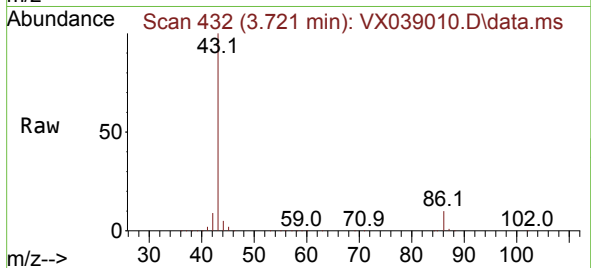




#23
 Vinyl Acetate
 Concen: 293.847 ug/l
 RT: 3.721 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX039010.D
 Acq: 22 Nov 2023 18:04

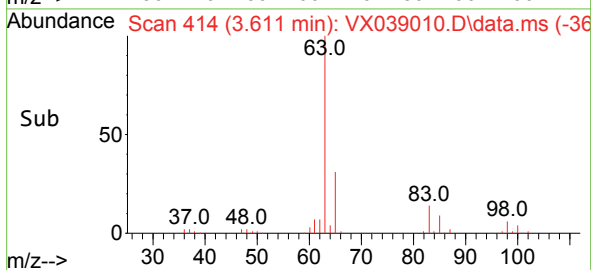
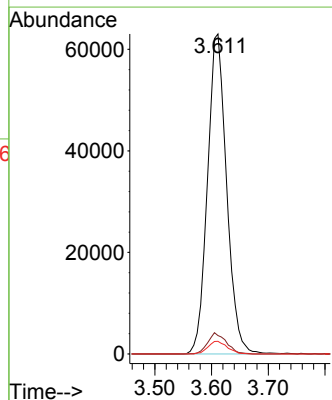
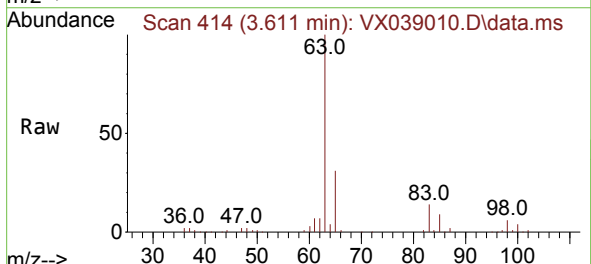
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20231114MSD

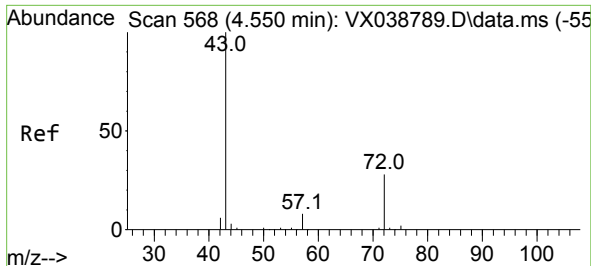
Tgt Ion: 43 Resp: 1031088
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 54.305 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX039010.D
 Acq: 22 Nov 2023 18:04

Tgt Ion: 63 Resp: 147958
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.8
 100 4.0 2.1 6.5

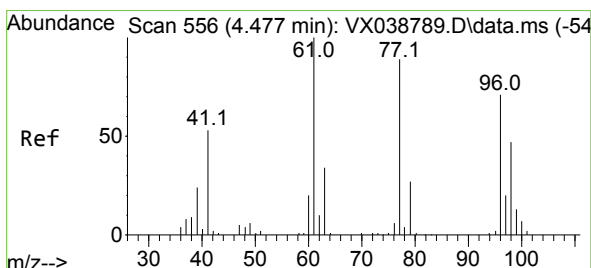
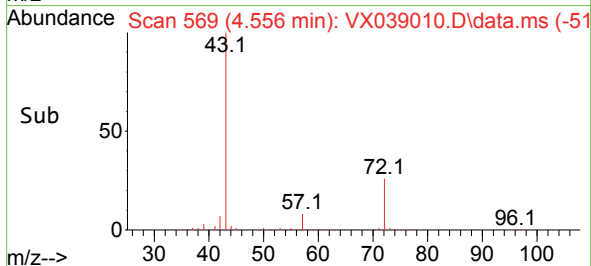
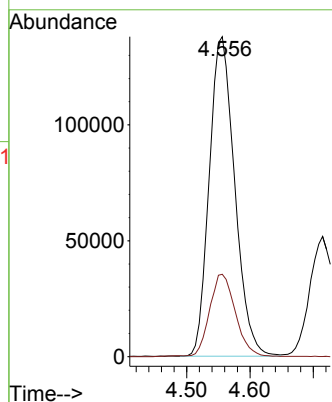
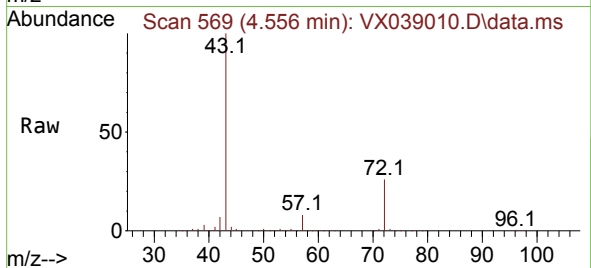




#25
2-Butanone
Concen: 260.594 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

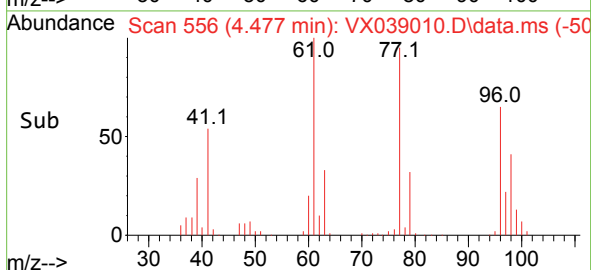
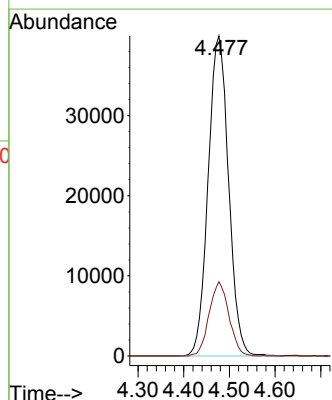
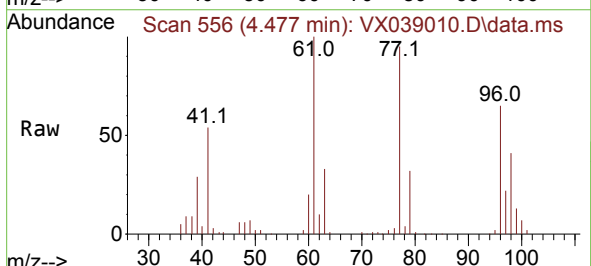
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

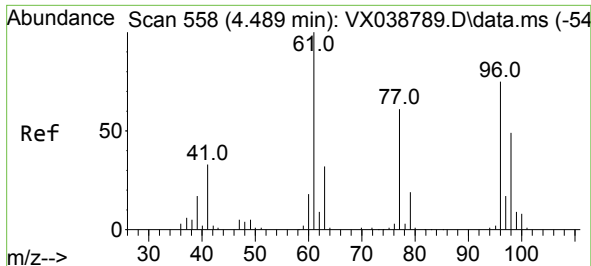
Tgt Ion: 43 Resp: 385786
Ion Ratio Lower Upper
43 100
72 25.7 19.4 29.2



#26
2,2-Dichloropropane
Concen: 52.492 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion: 77 Resp: 124057
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3

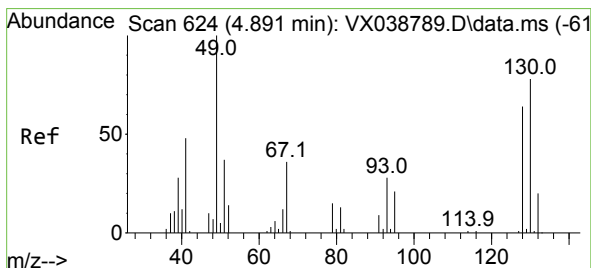
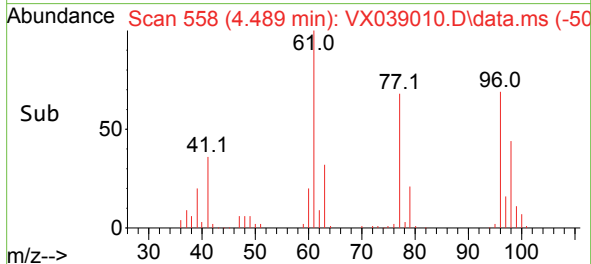
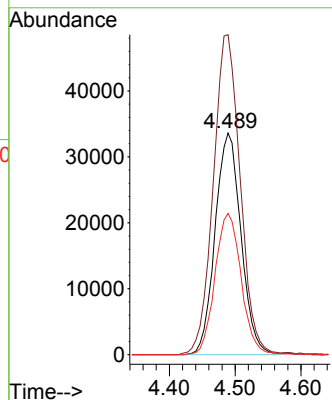
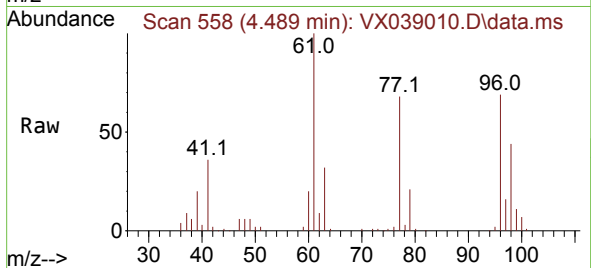




#27
 cis-1,2-Dichloroethene
 Concen: 53.883 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX039010.D
 Acq: 22 Nov 2023 18:04

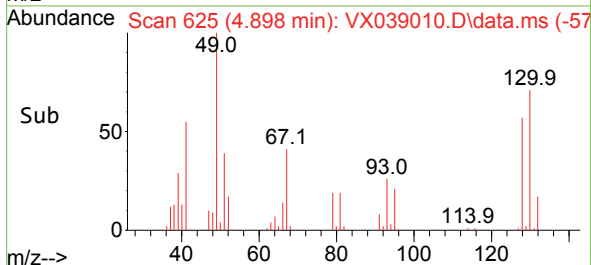
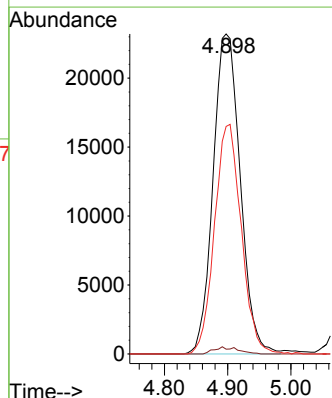
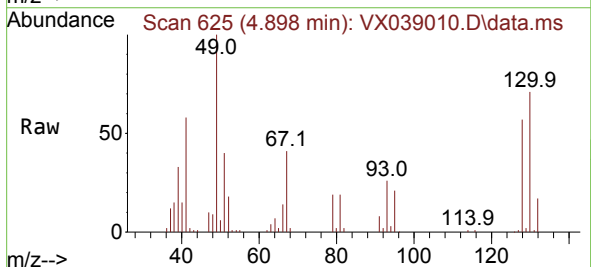
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20231114MSD

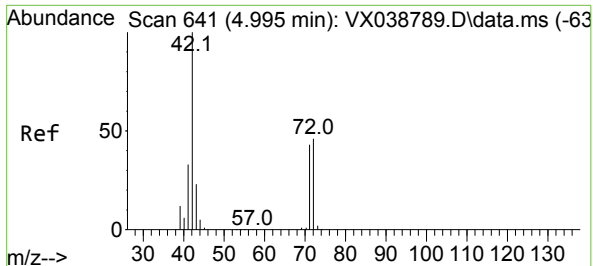
Tgt Ion: 96 Resp: 91928
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 312.2
 98 64.5 0.0 129.0



#28
 Bromochloromethane
 Concen: 52.921 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.006 min
 Lab File: VX039010.D
 Acq: 22 Nov 2023 18:04

Tgt Ion: 49 Resp: 69227
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 70.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 283.272 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MSD

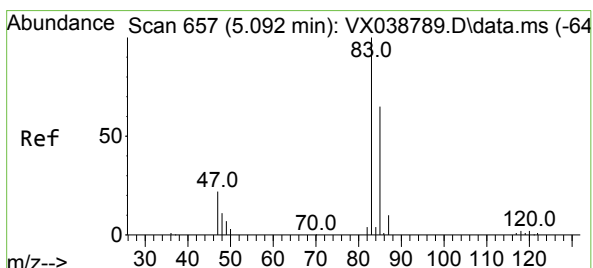
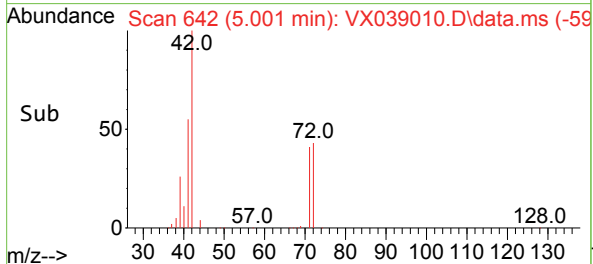
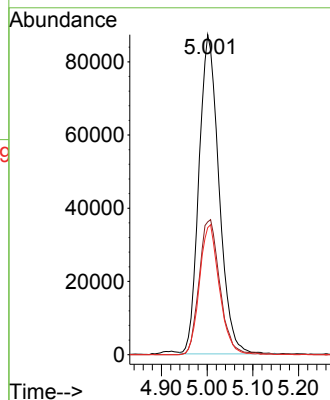
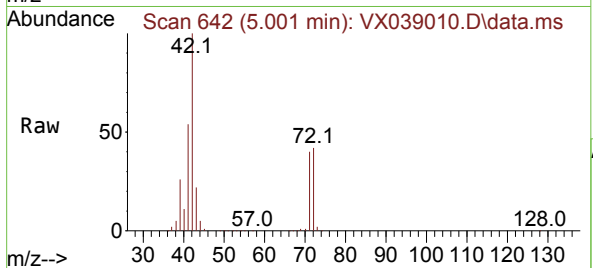
Tgt Ion: 42 Resp: 266269

Ion Ratio Lower Upper

42 100

72 43.9 34.2 51.4

71 40.2 32.2 48.2



#30

Chloroform

Concen: 56.743 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039010.D

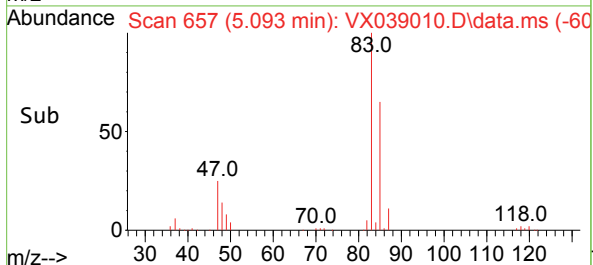
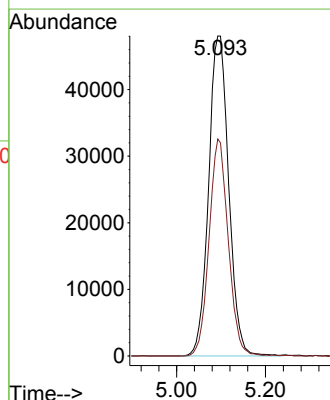
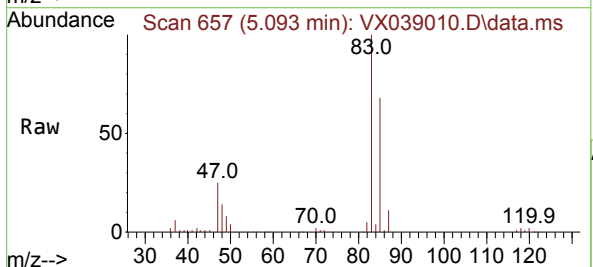
Acq: 22 Nov 2023 18:04

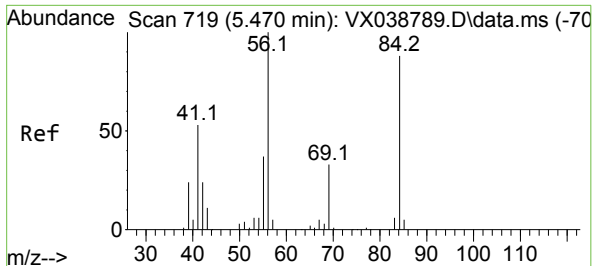
Tgt Ion: 83 Resp: 150961

Ion Ratio Lower Upper

83 100

85 67.8 50.3 75.5

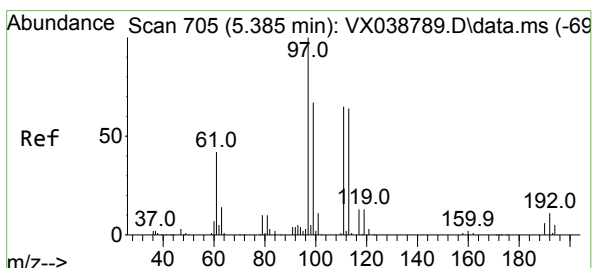
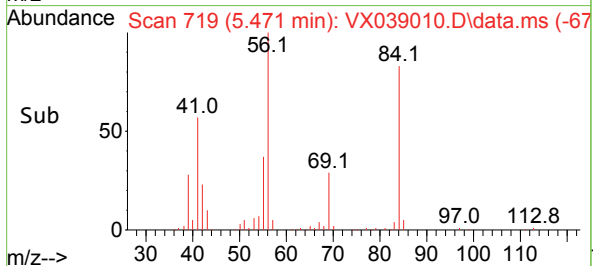
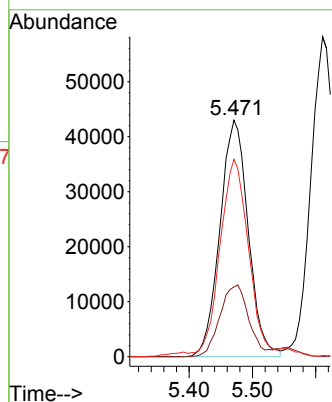
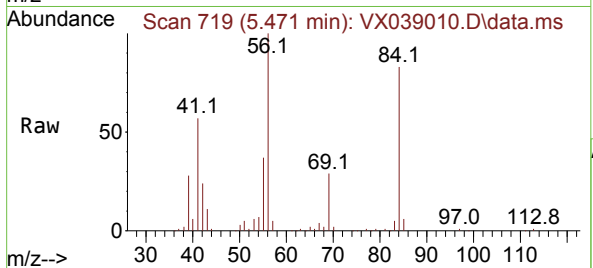




#31
Cyclohexane
Concen: 54.570 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

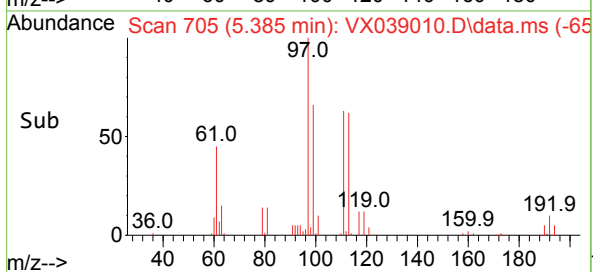
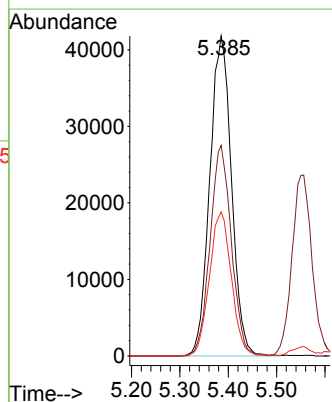
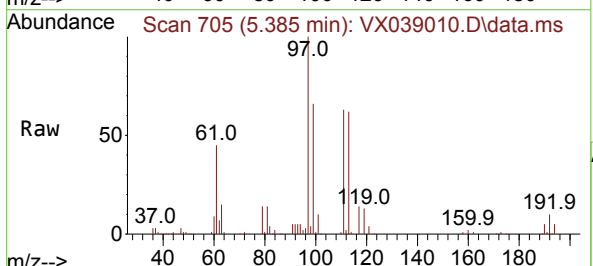
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

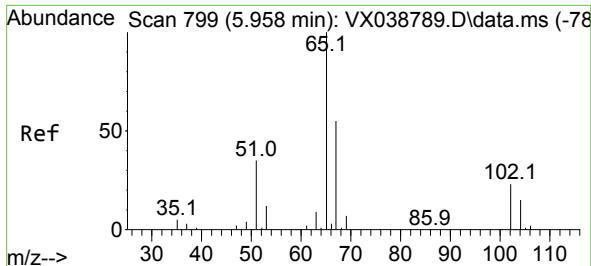
Tgt Ion: 56 Resp: 133611
Ion Ratio Lower Upper
56 100
69 29.5 23.4 35.2
84 81.8 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 56.468 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion: 97 Resp: 130123
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 45.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 55.114 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

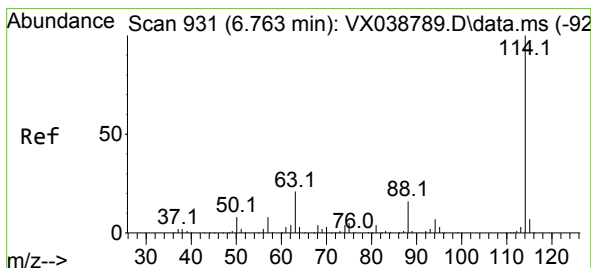
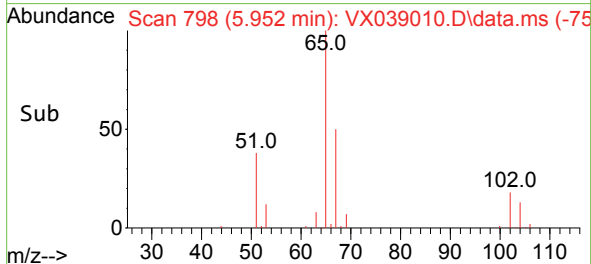
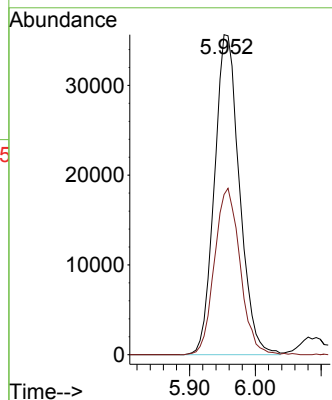
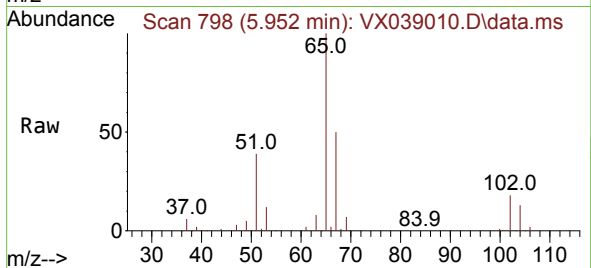
MH-117N-20231114MSD

Tgt Ion: 65 Resp: 94516

Ion Ratio Lower Upper

65 100

67 53.3 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: VX039010.D

Acq: 22 Nov 2023 18:04

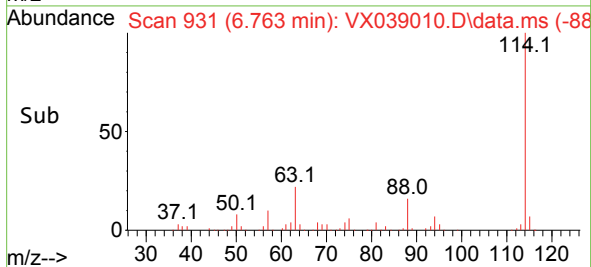
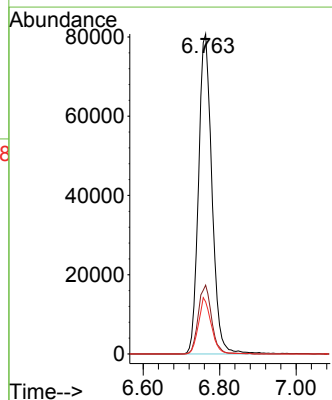
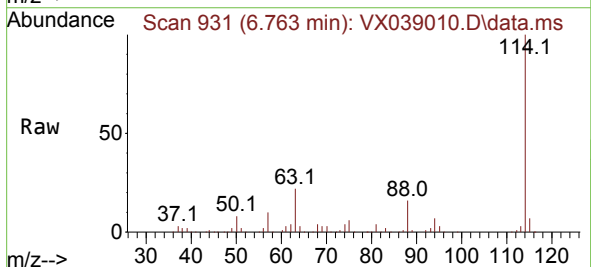
Tgt Ion: 114 Resp: 196314

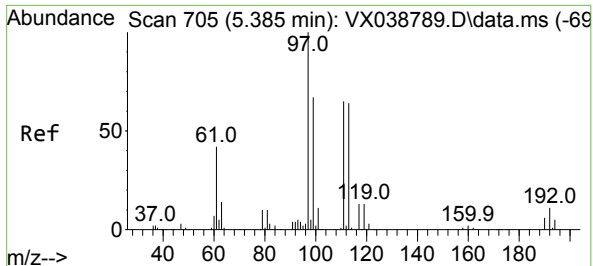
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 16.3 0.0 36.6

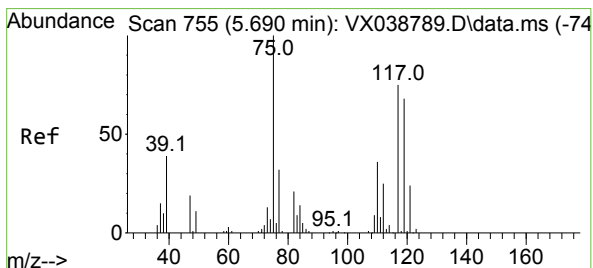
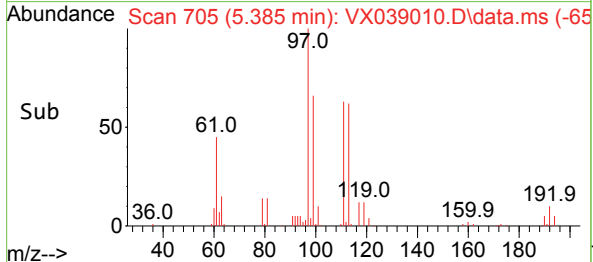
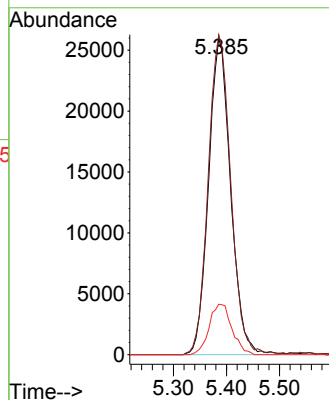
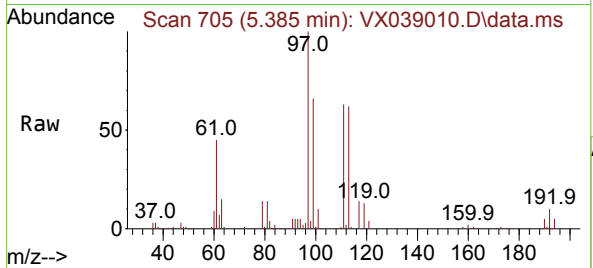




#35
Dibromofluoromethane
Concen: 52.943 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

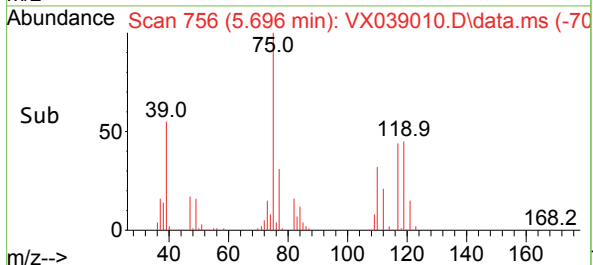
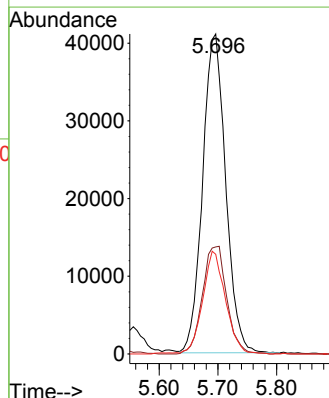
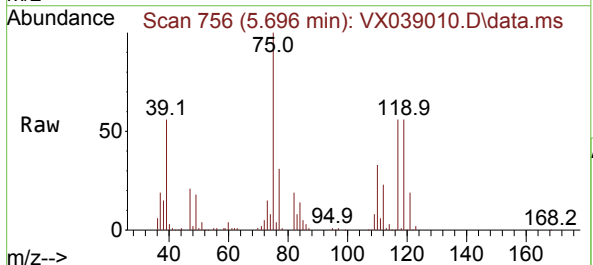
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

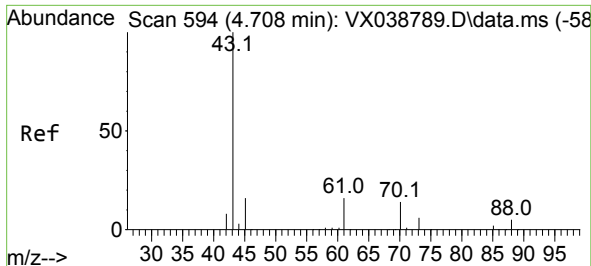
Tgt Ion:	113	Resp:	75064
Ion Ratio	Lower	Upper	
113	100		
111	103.5	82.9	124.3
192	16.4	13.3	19.9



#36
1,1-Dichloropropene
Concen: 55.179 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion:	75	Resp:	112127
Ion Ratio	Lower	Upper	
75	100		
110	35.6	17.0	50.9
77	32.1	24.7	37.1





#37

Ethyl Acetate

Concen: 54.795 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX039010.D

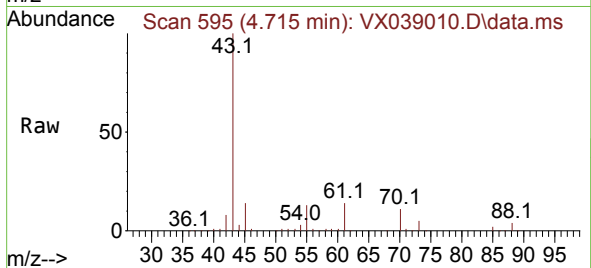
Acq: 22 Nov 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MSD



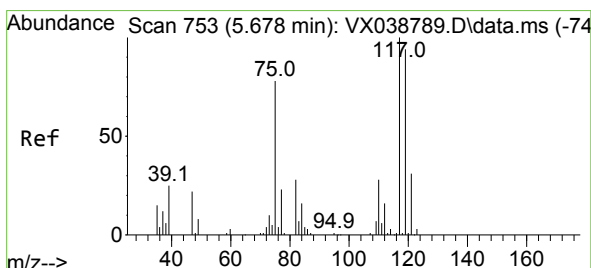
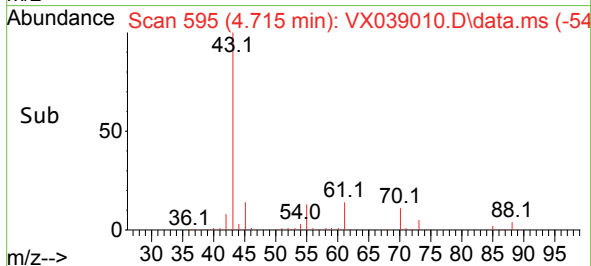
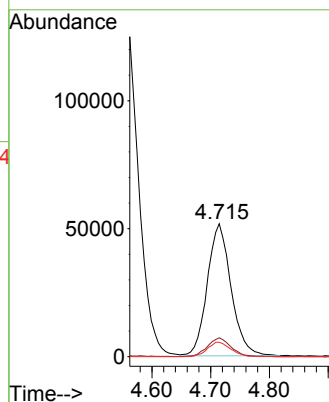
Tgt Ion: 43 Resp: 145070

Ion Ratio Lower Upper

43 100

61 14.3 10.6 16.0

70 10.9 8.3 12.5



#38

Carbon Tetrachloride

Concen: 59.413 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

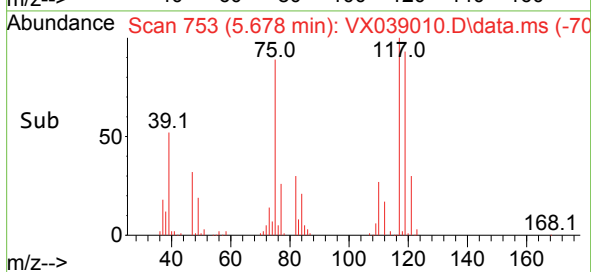
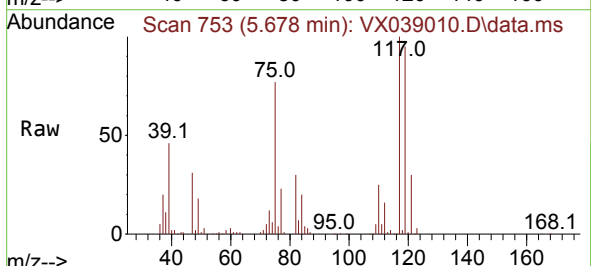
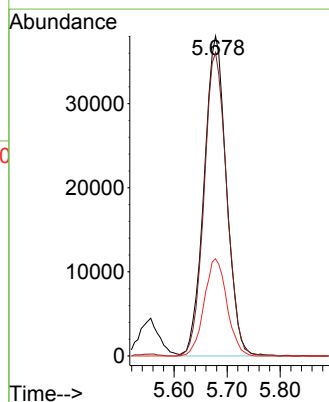
Tgt Ion: 117 Resp: 111584

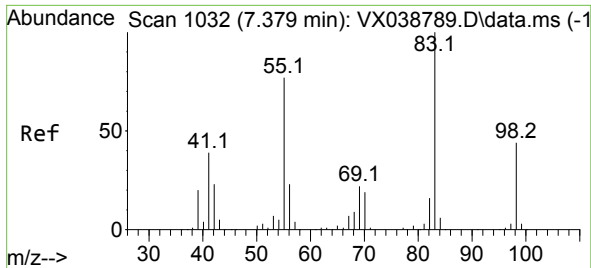
Ion Ratio Lower Upper

117 100

119 94.8 78.2 117.2

121 30.3 24.4 36.6

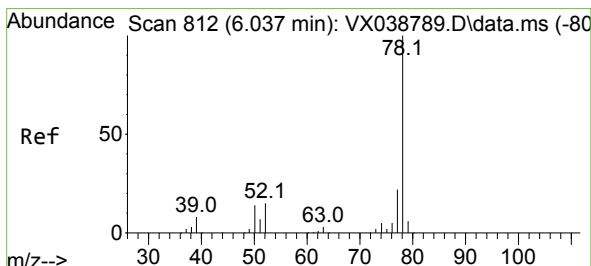
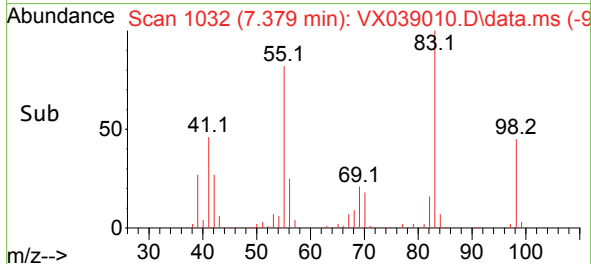
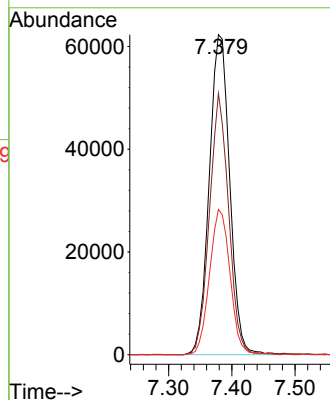
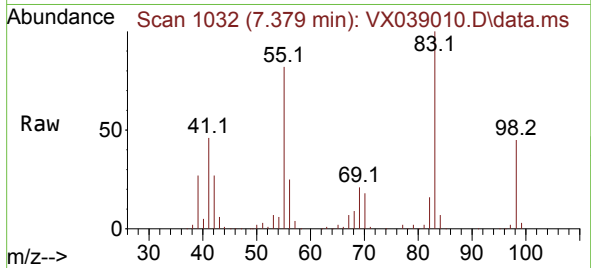




#39
Methylcyclohexane
Concen: 52.885 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

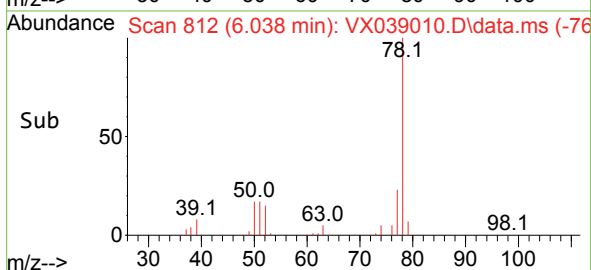
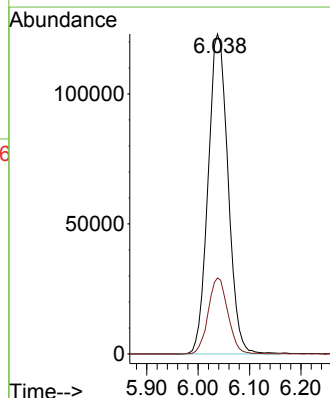
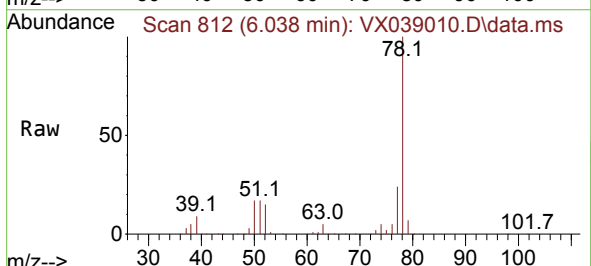
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

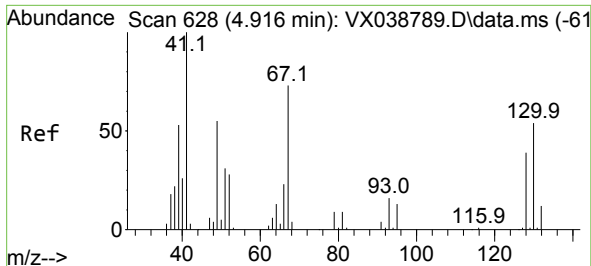
Tgt Ion: 83 Resp: 140179
Ion Ratio Lower Upper
83 100
55 81.6 64.6 97.0
98 45.4 36.7 55.1



#40
Benzene
Concen: 55.151 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion: 78 Resp: 331469
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9

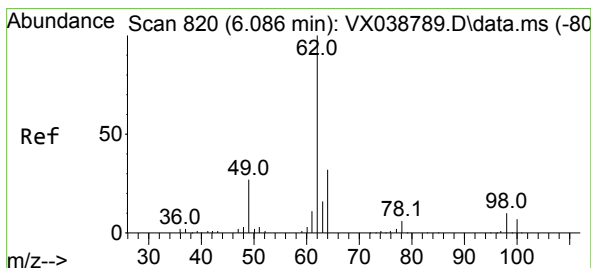
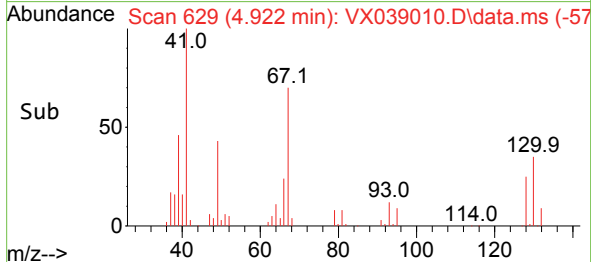
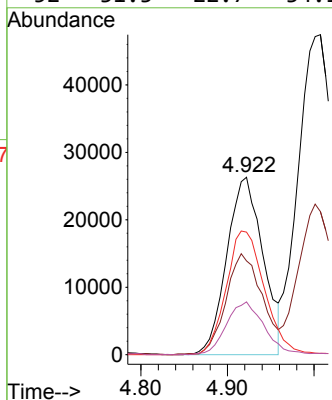
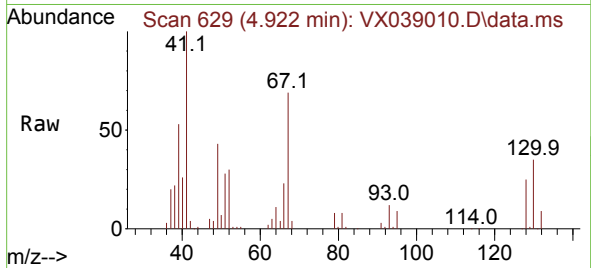




#41
Methacrylonitrile
Concen: 55.745 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

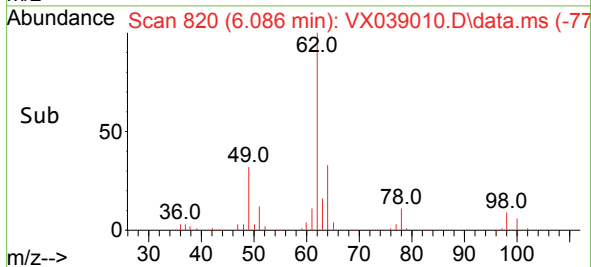
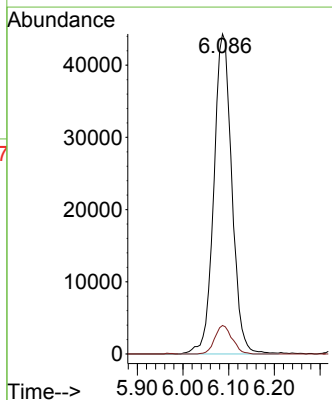
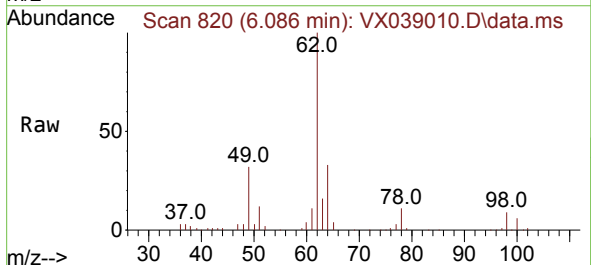
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

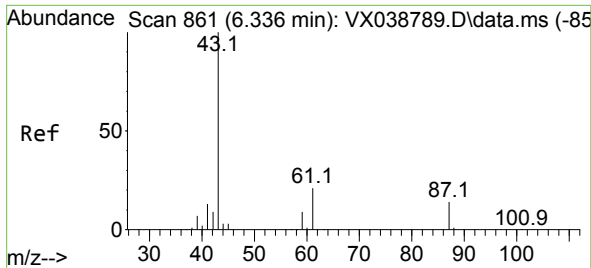
Tgt Ion:	41	Resp:	76544
Ion	Ratio	Lower	Upper
41	100		
39	56.9	45.2	67.8
67	73.7	52.6	78.8
52	31.3	22.7	34.1



#42
1,2-Dichloroethane
Concen: 61.074 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion:	62	Resp:	121617
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.0





#43

Isopropyl Acetate

Concen: 54.962 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

Instrument :

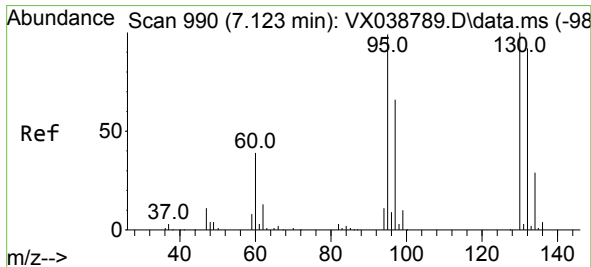
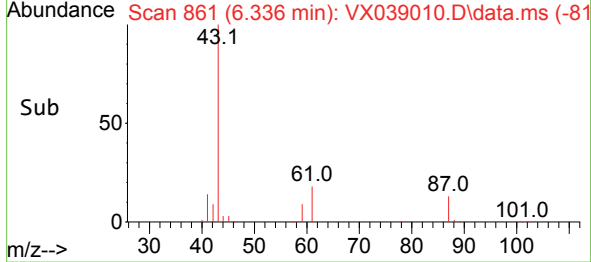
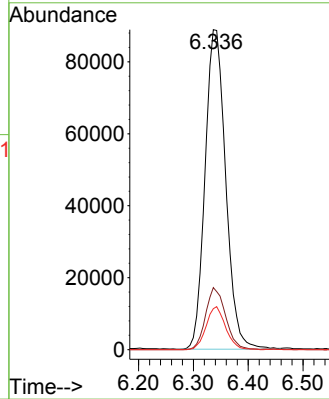
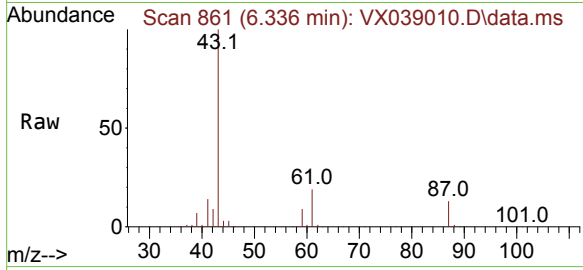
MSVOA_X

ClientSampleId :

MH-117N-20231114MSD

Tgt Ion: 43 Resp: 232546

Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.2	22.8
87	12.7	9.8	14.6



#44

Trichloroethene

Concen: 56.975 ug/l

RT: 7.129 min Scan# 991

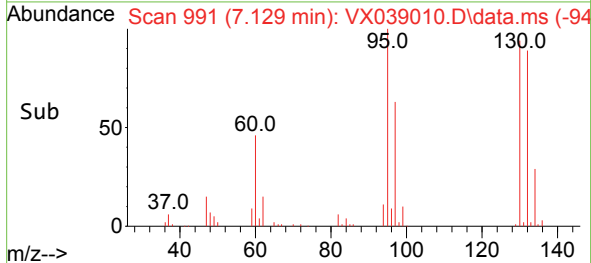
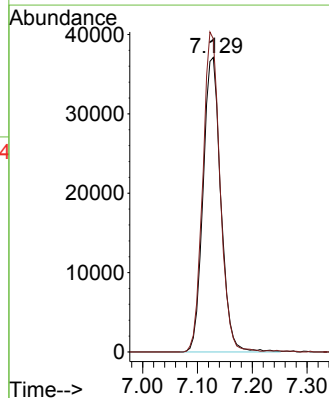
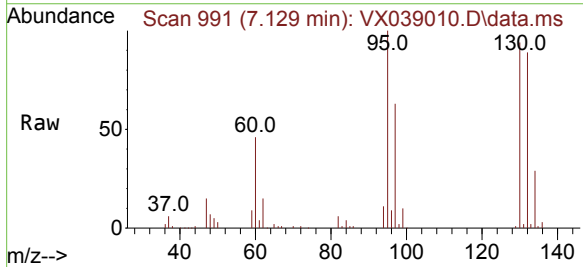
Delta R.T. 0.006 min

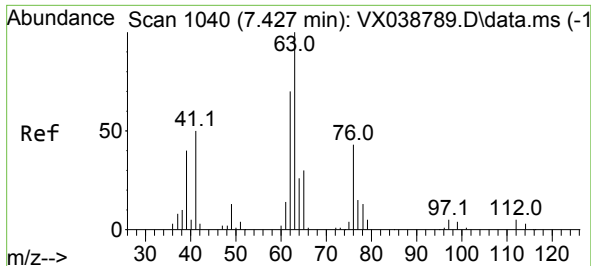
Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

Tgt Ion:130 Resp: 83352

Ion	Ratio	Lower	Upper
130	100		
95	106.3	0.0	204.4

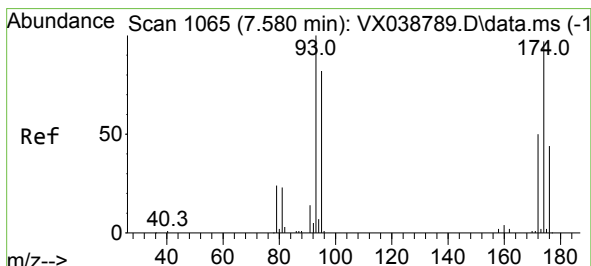
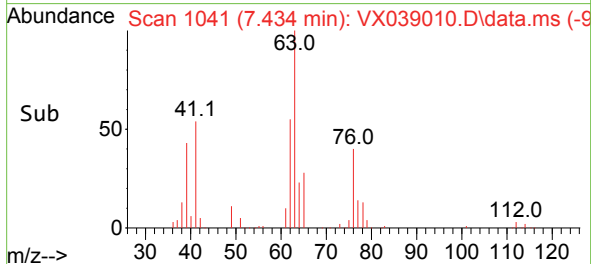
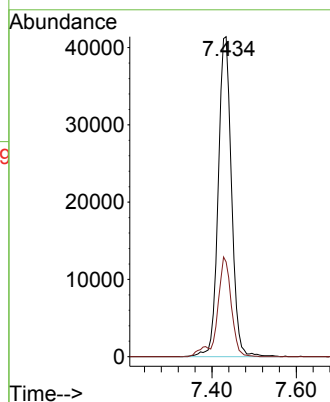
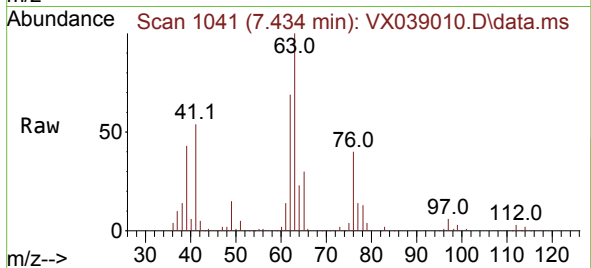




#45
1,2-Dichloropropane
Concen: 55.842 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

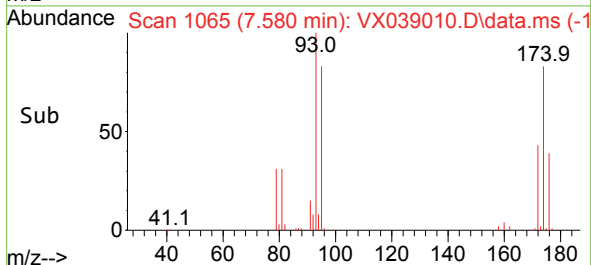
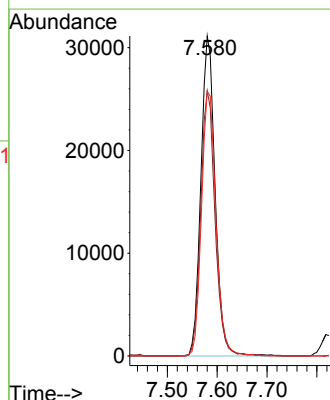
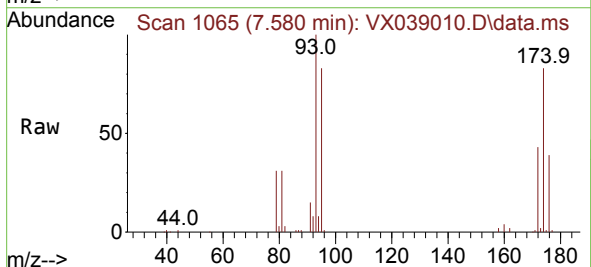
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

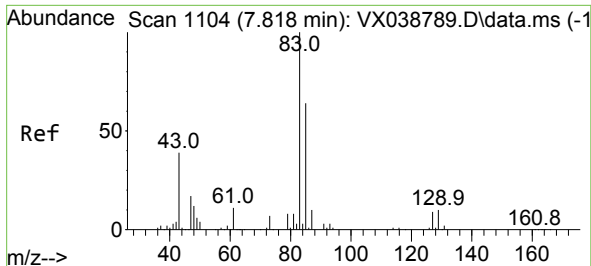
Tgt Ion: 63 Resp: 90319
Ion Ratio Lower Upper
63 100
65 29.6 24.3 36.5



#46
Dibromomethane
Concen: 57.277 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion: 93 Resp: 61780
Ion Ratio Lower Upper
93 100
95 83.4 66.6 100.0
174 84.0 69.4 104.0

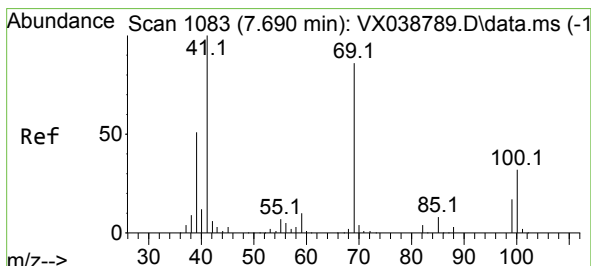
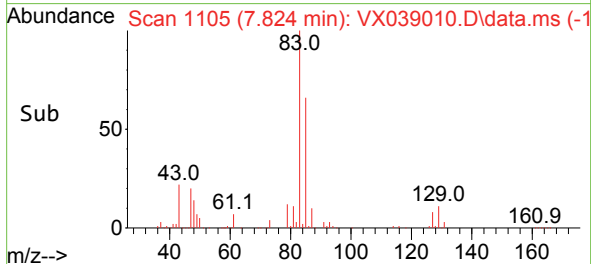
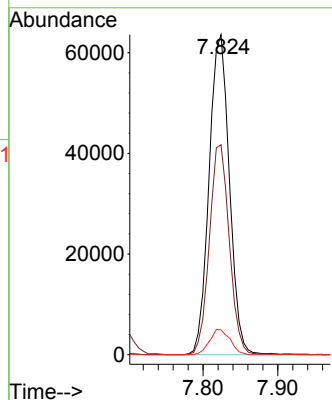
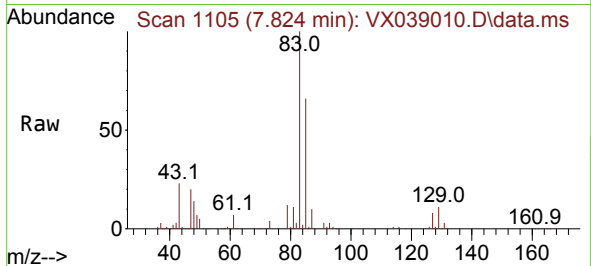




#47
Bromodichloromethane
Concen: 56.045 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

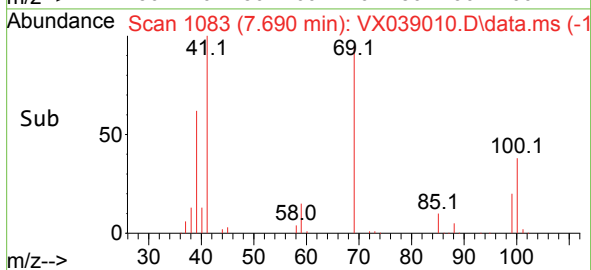
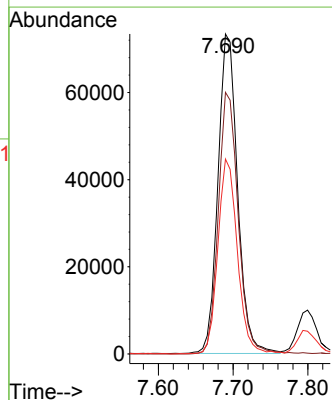
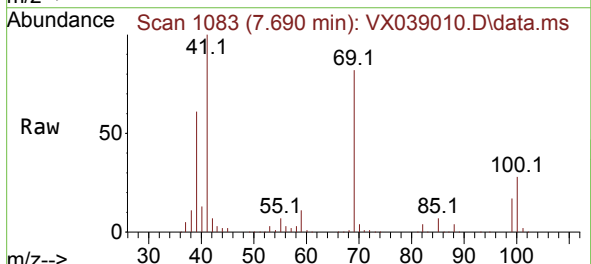
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

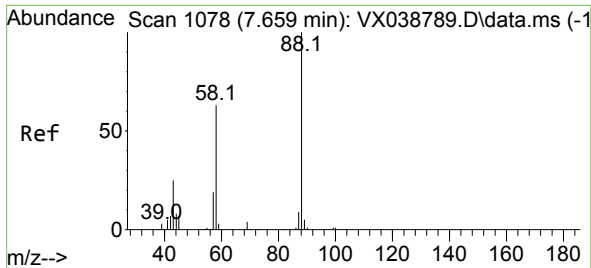
Tgt Ion: 83 Resp: 119981
Ion Ratio Lower Upper
83 100
85 65.6 49.8 74.6
127 7.7 7.1 10.7



#48
Methyl methacrylate
Concen: 65.423 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion: 41 Resp: 134306
Ion Ratio Lower Upper
41 100
69 82.9 59.2 88.8
39 61.0 47.7 71.5

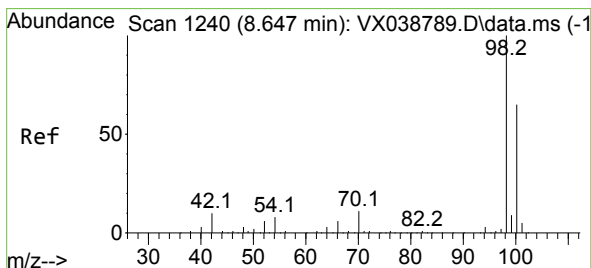
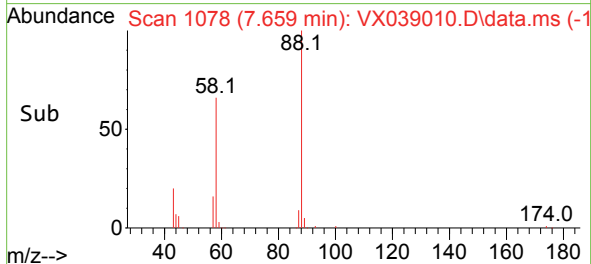
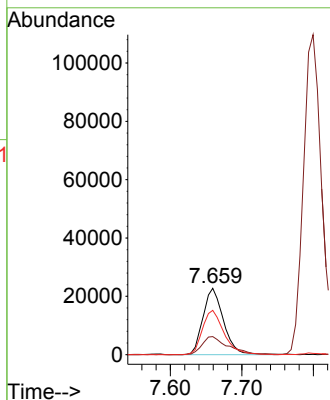
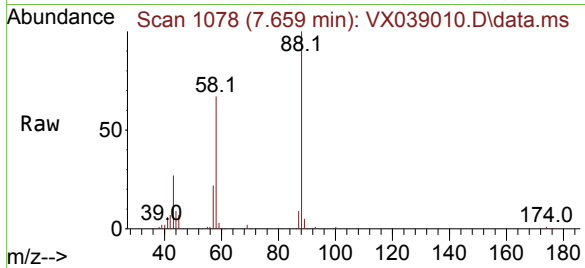




#49
1,4-Dioxane
Concen: 1137.947 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

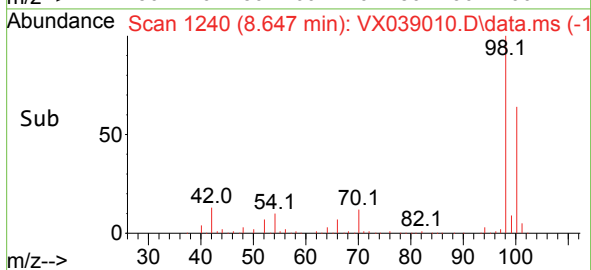
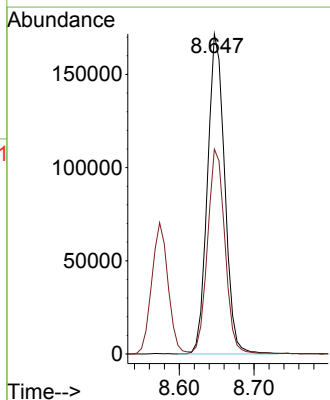
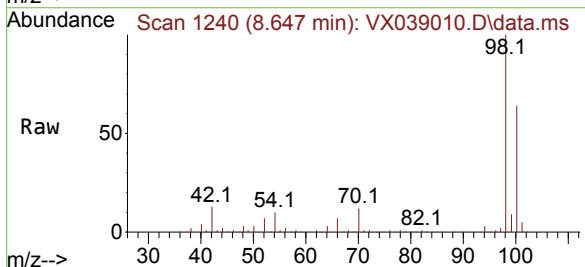
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

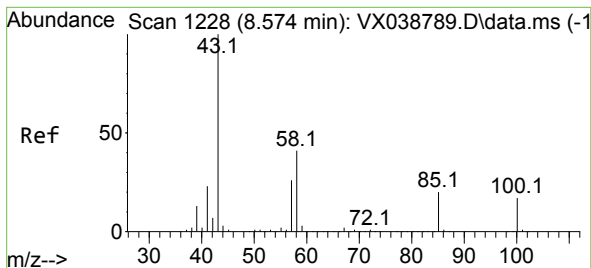
Tgt Ion: 88 Resp: 45194
Ion Ratio Lower Upper
88 100
43 35.0 0.0 0.0#
58 70.5 60.1 90.1



#50
Toluene-d8
Concen: 50.625 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion: 98 Resp: 274623
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

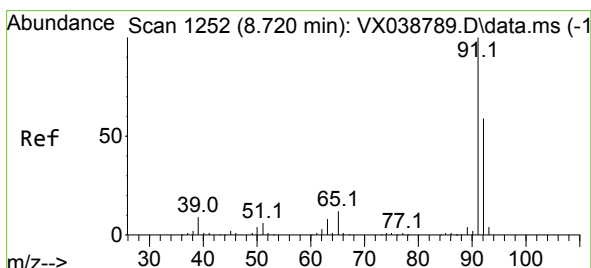
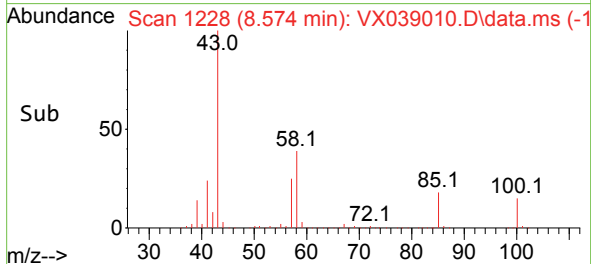
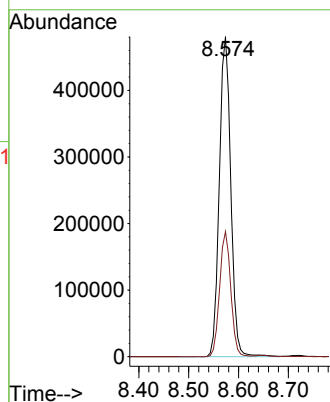
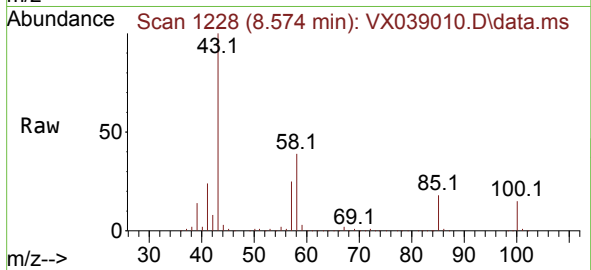




#51
4-Methyl-2-Pentanone
Concen: 283.181 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

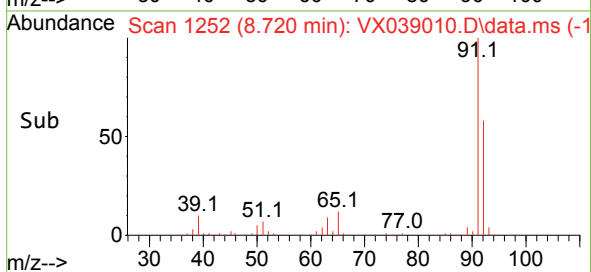
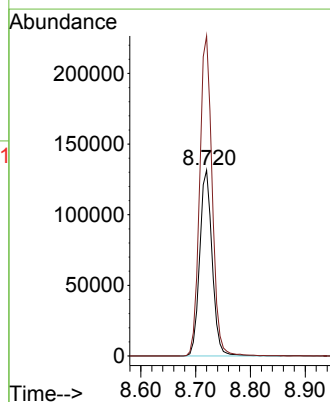
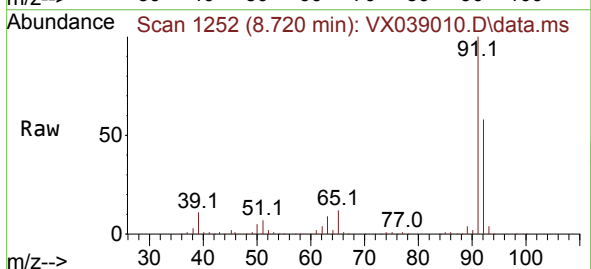
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

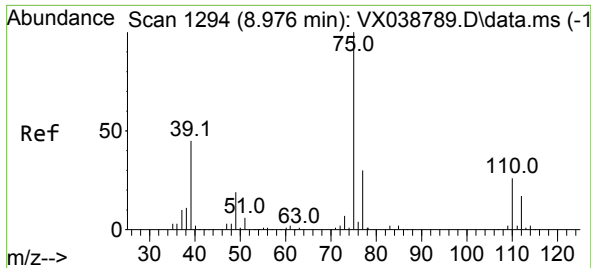
Tgt Ion: 43 Resp: 765689
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6



#52
Toluene
Concen: 55.816 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion: 92 Resp: 208176
Ion Ratio Lower Upper
92 100
91 173.0 134.2 201.2

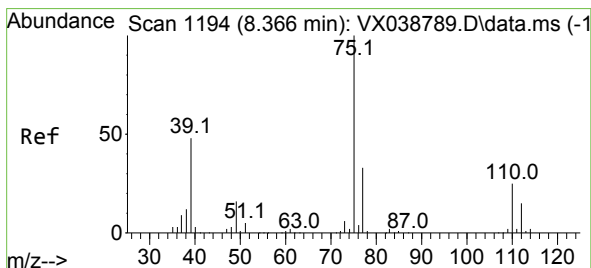
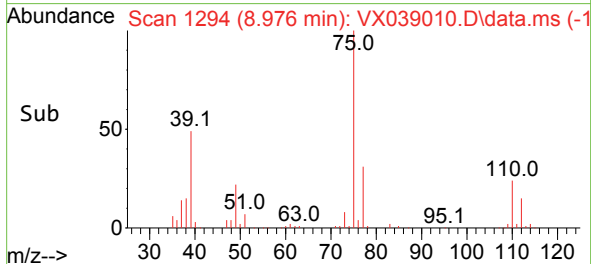
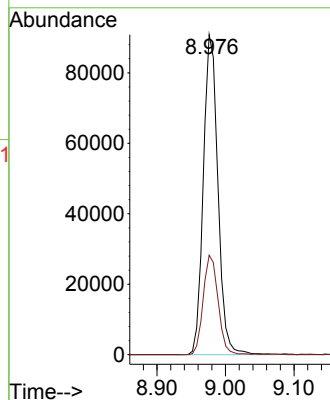
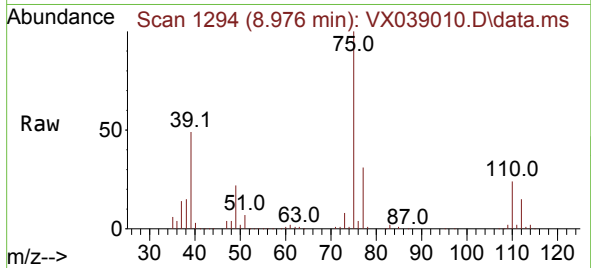




#53
t-1,3-Dichloropropene
Concen: 52.951 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

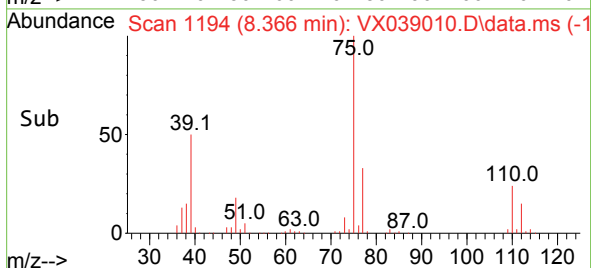
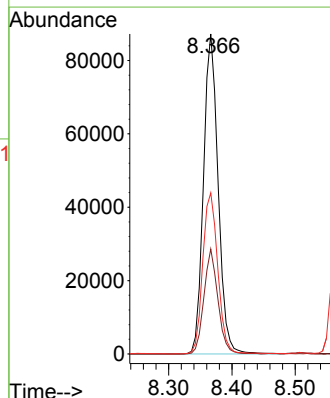
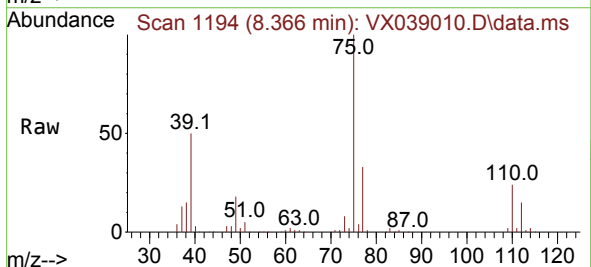
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

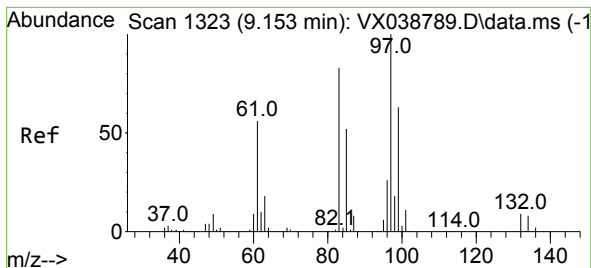
Tgt Ion: 75 Resp: 134710
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 53.561 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion: 75 Resp: 140752
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9
39 50.4 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 55.036 ug/l

RT: 9.153 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MSD

Tgt Ion: 97 Resp: 85649

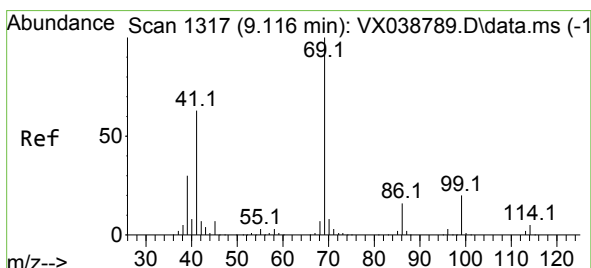
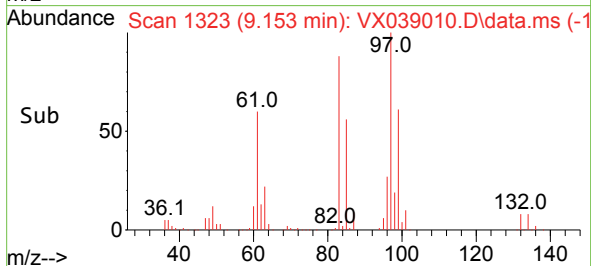
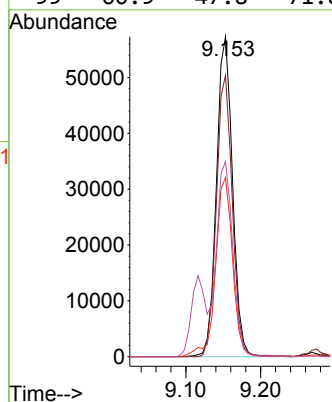
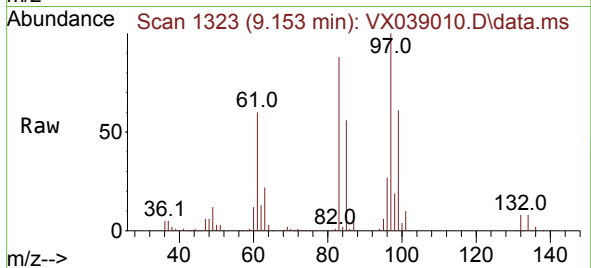
Ion Ratio Lower Upper

97 100

83 87.9 65.8 98.8

85 55.9 41.6 62.4

99 60.9 47.8 71.8



#56

Ethyl methacrylate

Concen: 41.432 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

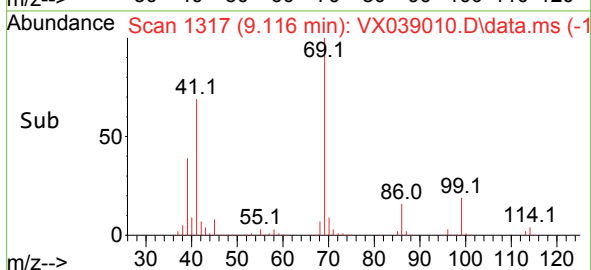
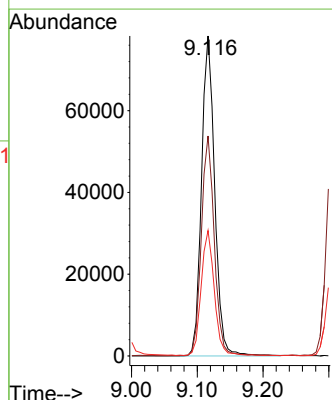
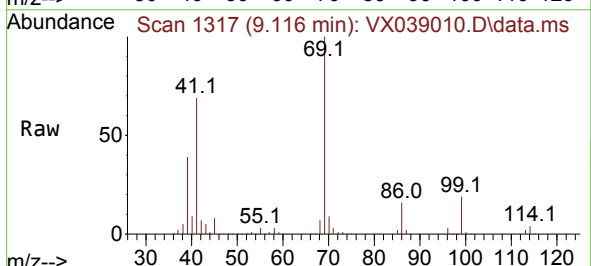
Tgt Ion: 69 Resp: 109093

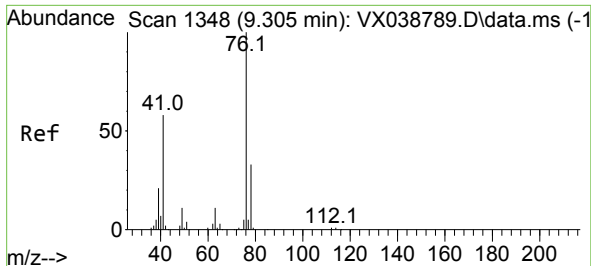
Ion Ratio Lower Upper

69 100

41 67.8 56.8 85.2

39 39.3 32.0 48.0





#57

1,3-Dichloropropane

Concen: 56.287 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

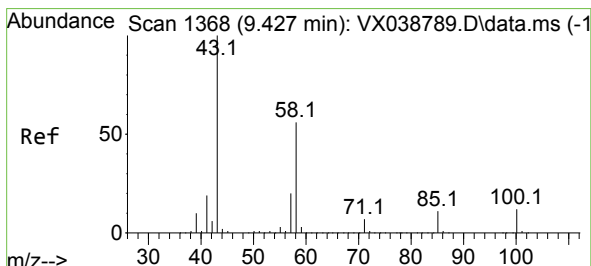
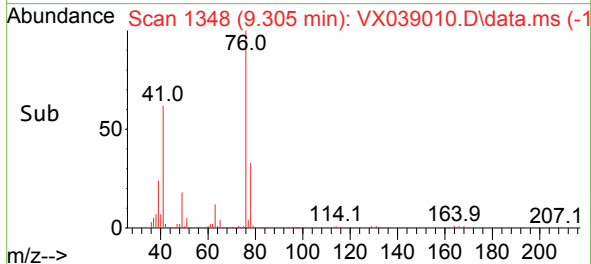
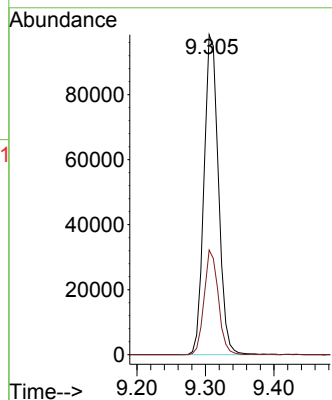
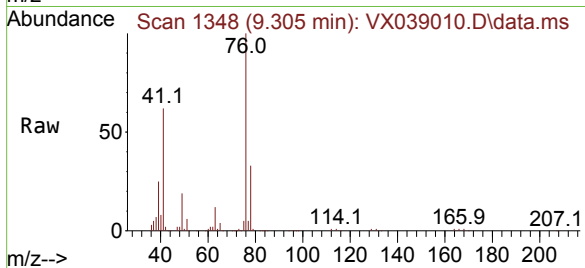
MH-117N-20231114MSD

Tgt Ion: 76 Resp: 144868

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#59

2-Hexanone

Concen: 281.067 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039010.D

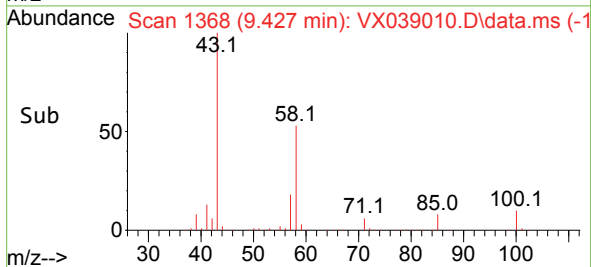
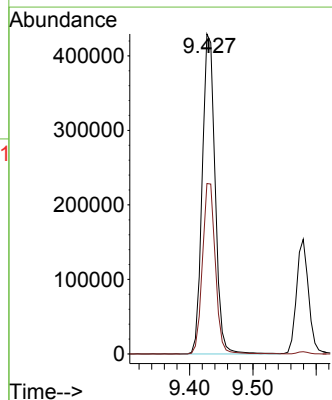
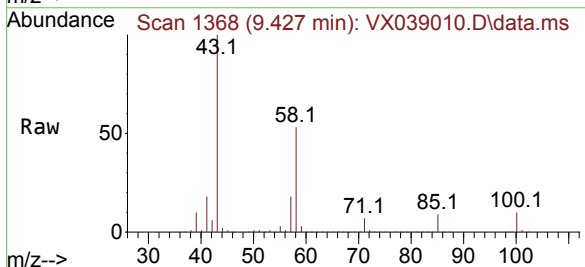
Acq: 22 Nov 2023 18:04

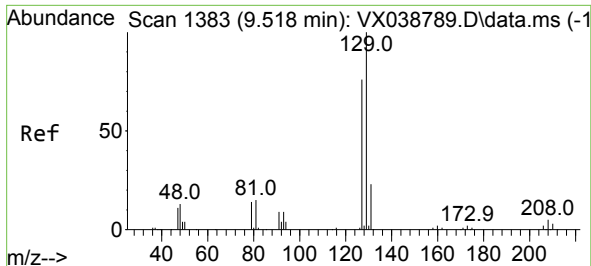
Tgt Ion: 43 Resp: 609138

Ion Ratio Lower Upper

43 100

58 53.4 26.2 78.5

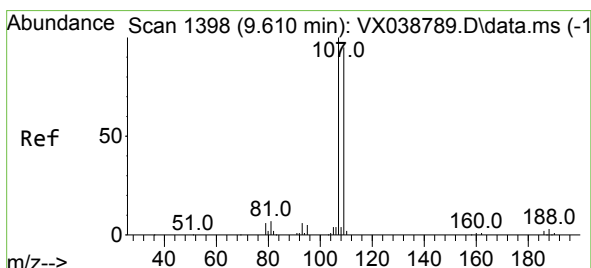
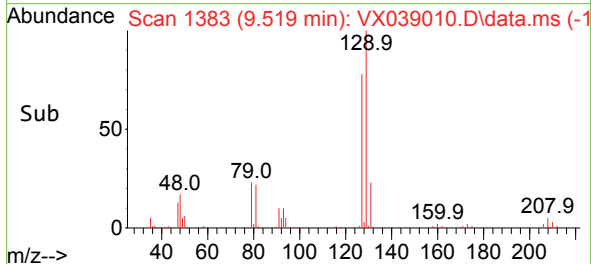
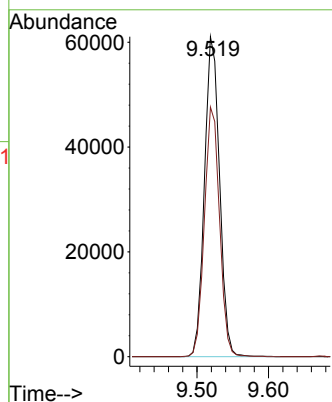
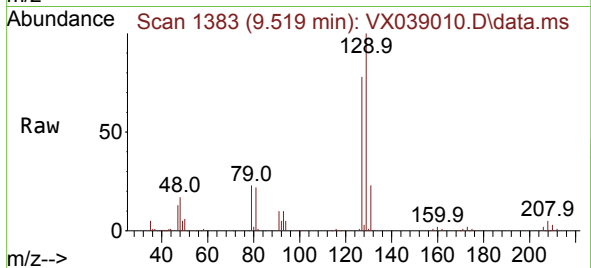




#60
Dibromochloromethane
Concen: 56.568 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

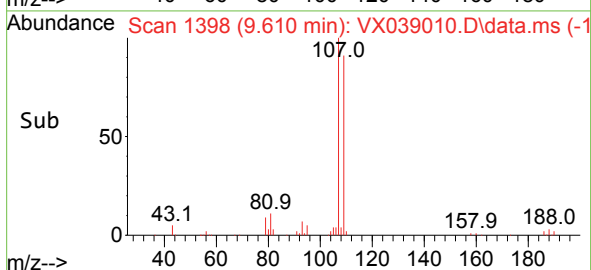
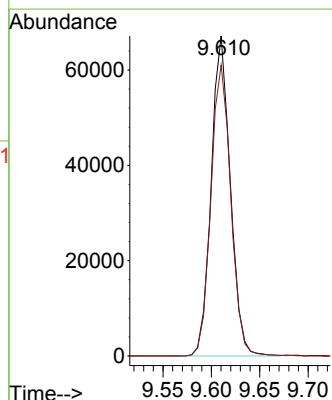
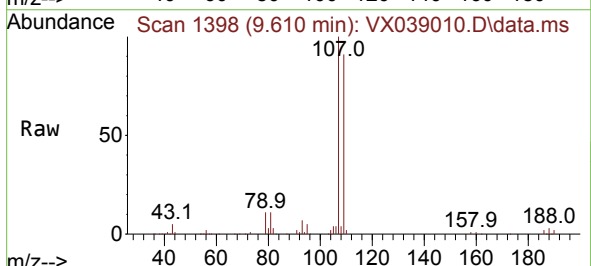
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

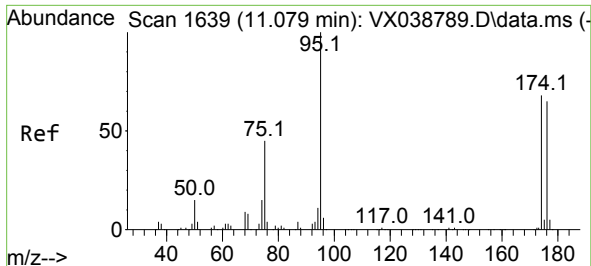
Tgt Ion:129 Resp: 89511
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.4



#61
1,2-Dibromoethane
Concen: 56.624 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion:107 Resp: 92467
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8

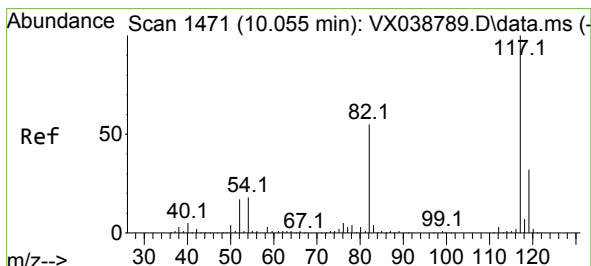
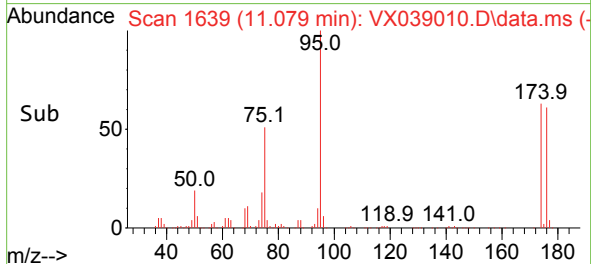
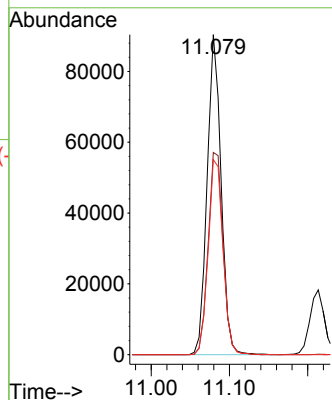
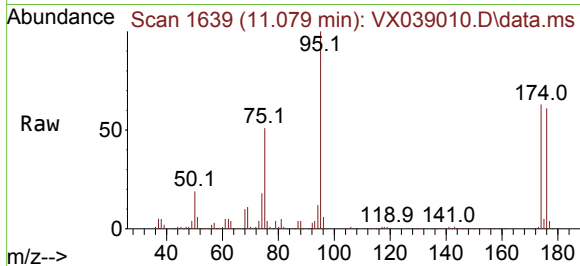




#62
4-Bromofluorobenzene
Concen: 51.283 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

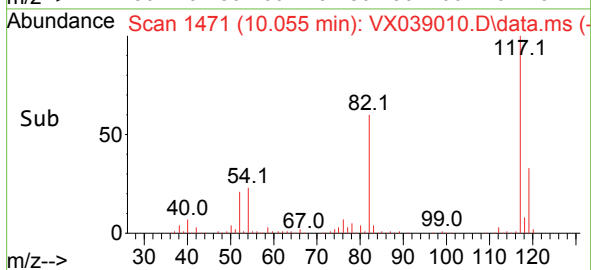
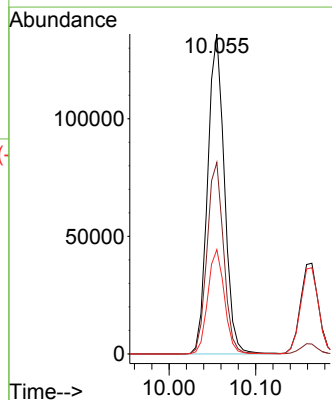
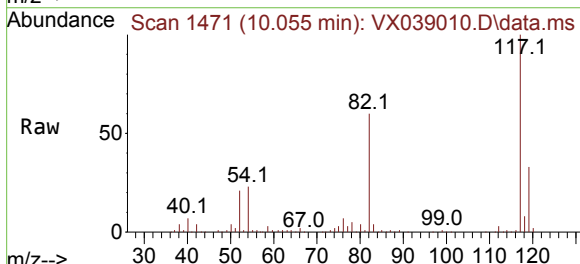
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

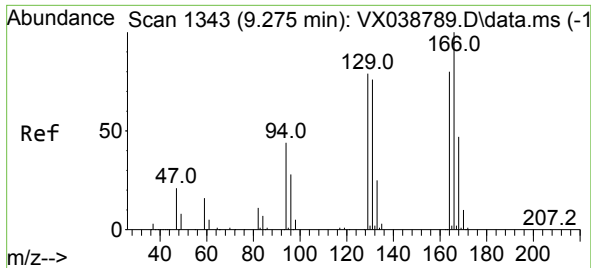
Tgt Ion: 95 Resp: 111363
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.6
176 64.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion: 117 Resp: 182258
Ion Ratio Lower Upper
117 100
82 59.8 46.2 69.4
119 32.6 25.5 38.3

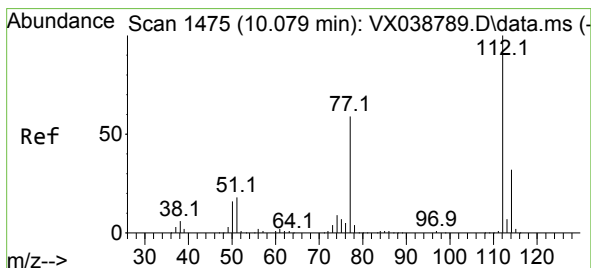
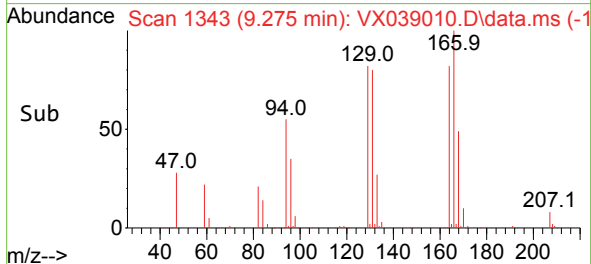
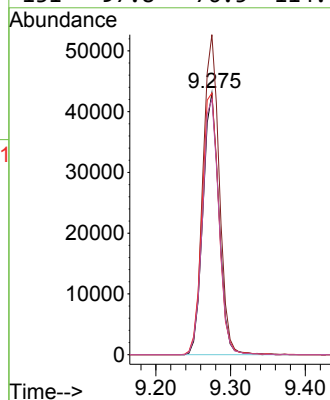
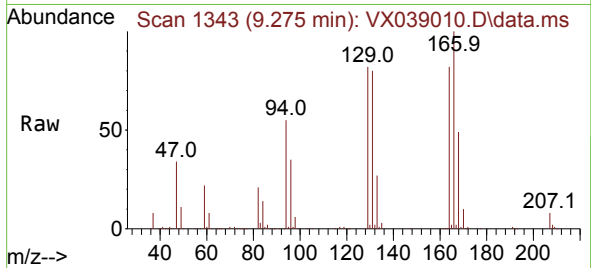




#64
Tetrachloroethene
Concen: 56.414 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

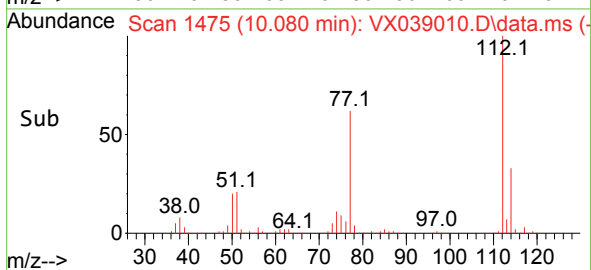
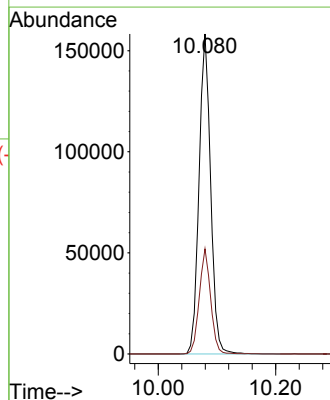
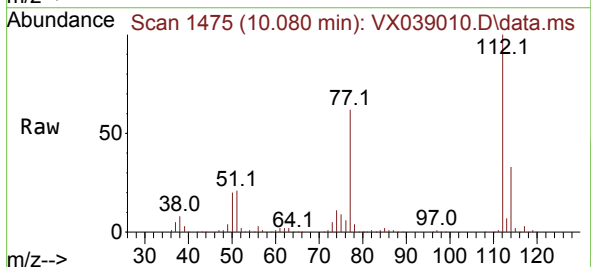
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

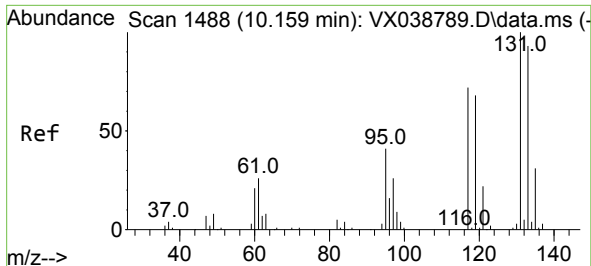
Tgt Ion:164 Resp: 63910
Ion Ratio Lower Upper
164 100
166 122.4 102.7 154.1
129 100.0 80.4 120.6
131 97.8 76.5 114.7



#65
Chlorobenzene
Concen: 55.130 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion:112 Resp: 216441
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5

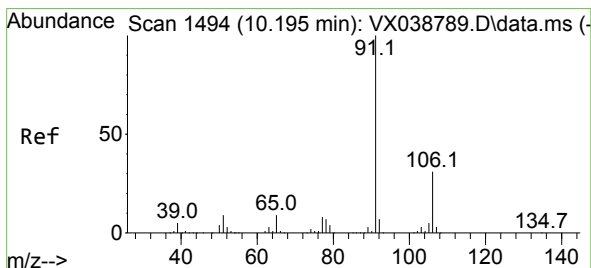
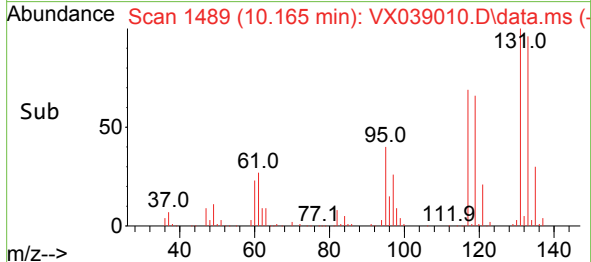
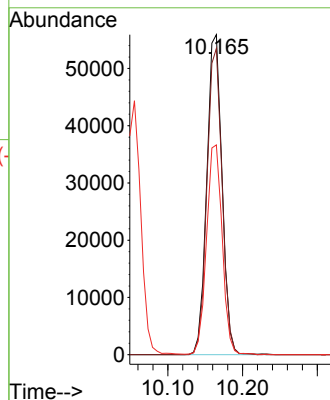
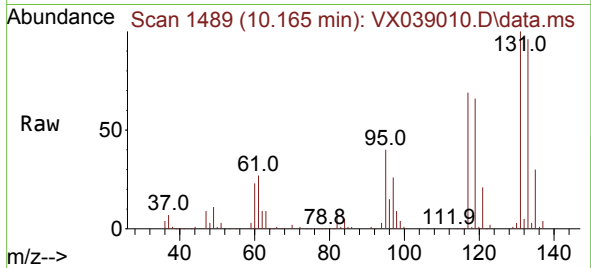




#66
1,1,1,2-Tetrachloroethane
Concen: 56.072 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

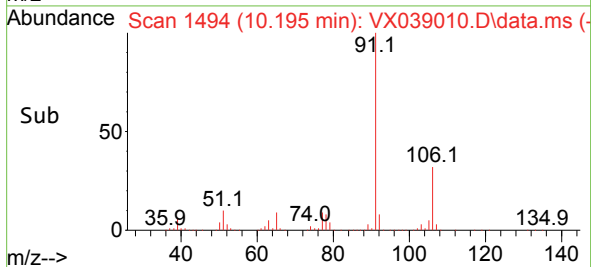
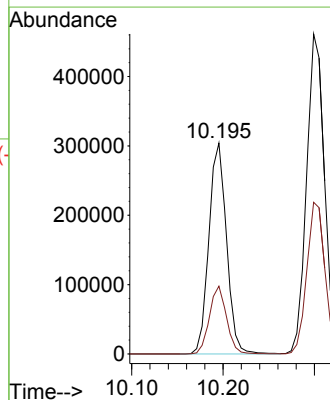
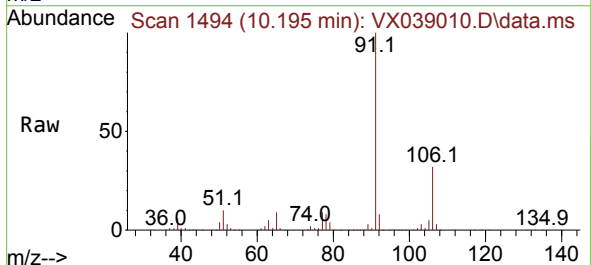
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

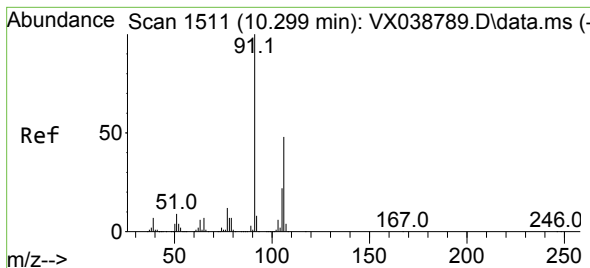
Tgt Ion:131 Resp: 79189
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 67.3 32.2 96.6



#67
Ethyl Benzene
Concen: 56.501 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion: 91 Resp: 407554
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3





#68

m/p-Xylenes

Concen: 111.799 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

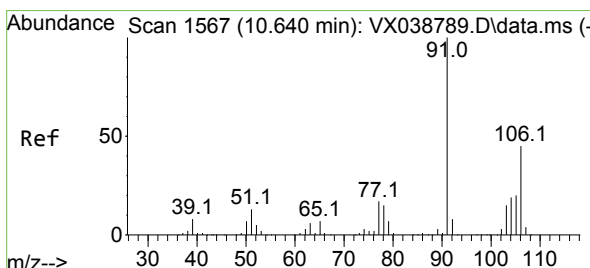
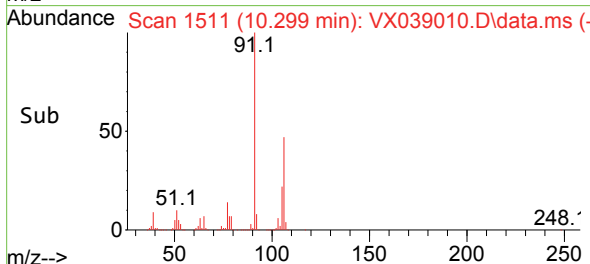
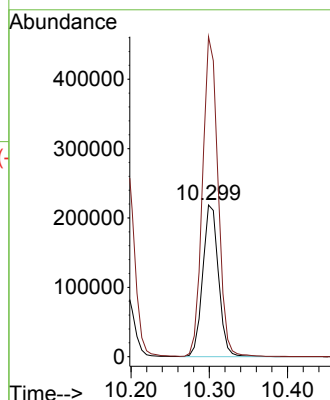
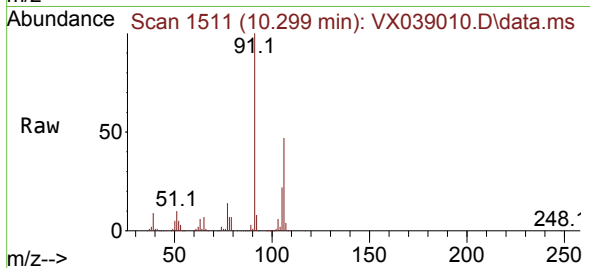
MH-117N-20231114MSD

Tgt Ion:106 Resp: 305049

Ion Ratio Lower Upper

106 100

91 208.1 165.5 248.3



#69

o-Xylene

Concen: 54.412 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039010.D

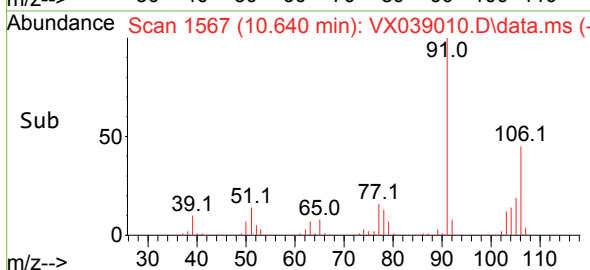
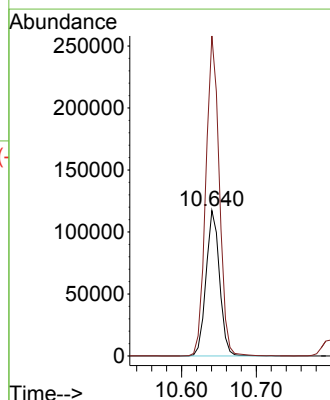
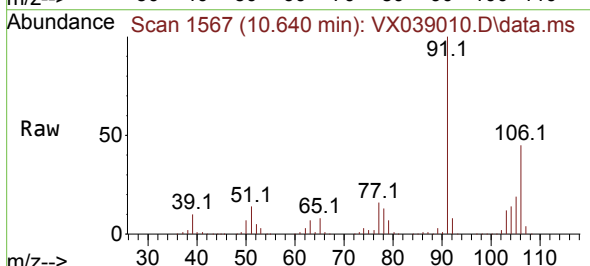
Acq: 22 Nov 2023 18:04

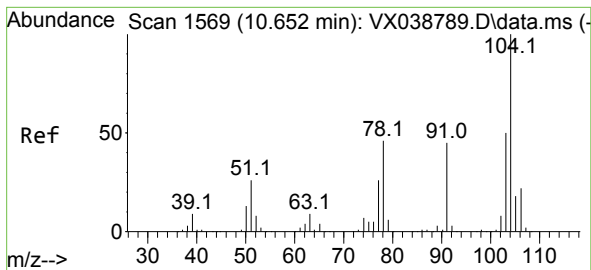
Tgt Ion:106 Resp: 146906

Ion Ratio Lower Upper

106 100

91 219.9 108.9 326.8





#70

Styrene

Concen: 47.861 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MSD

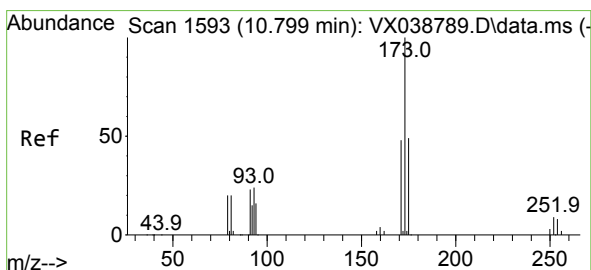
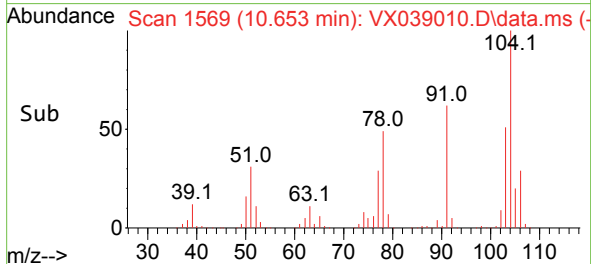
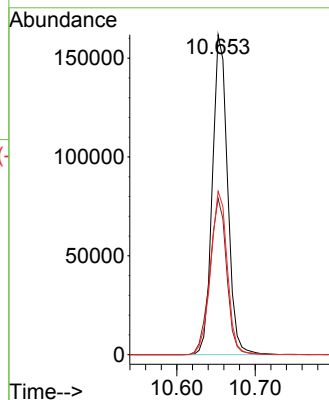
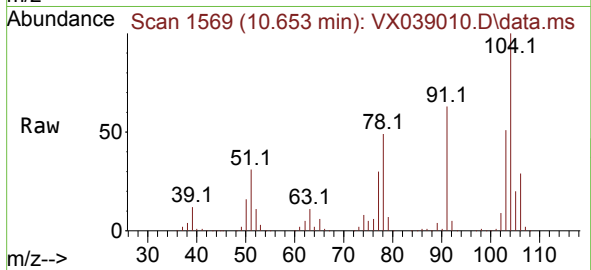
Tgt Ion:104 Resp: 218234

Ion Ratio Lower Upper

104 100

78 54.3 43.6 65.4

103 56.1 43.6 65.4



#71

Bromoform

Concen: 54.358 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

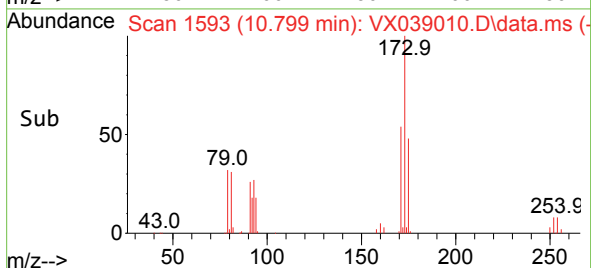
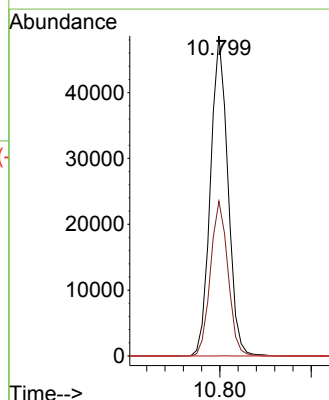
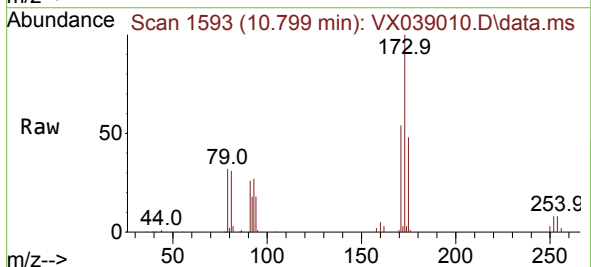
Tgt Ion:173 Resp: 63997

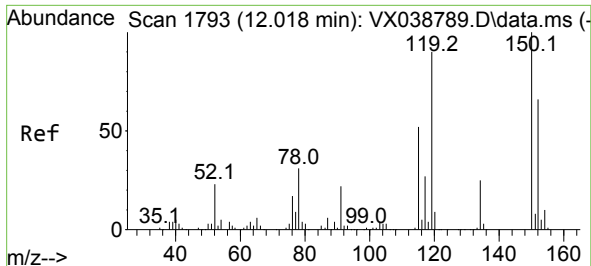
Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

254 0.0 0.0 0.0#

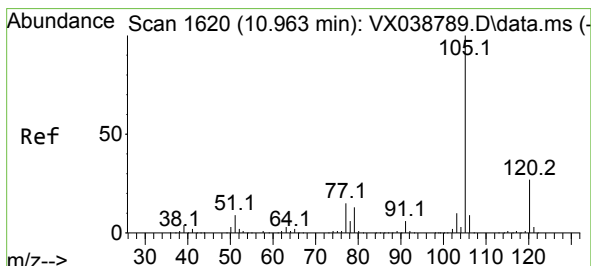
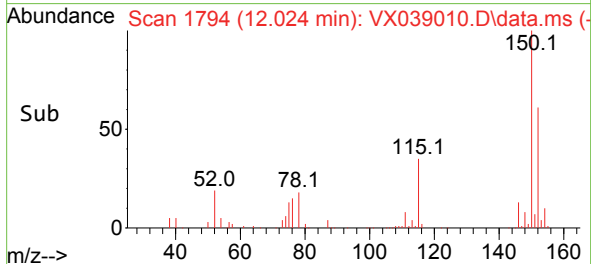
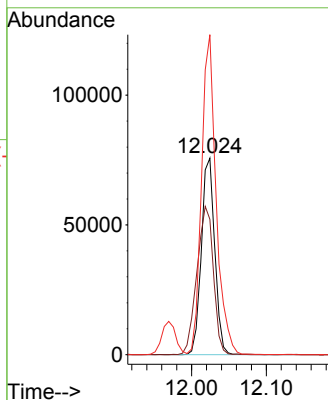
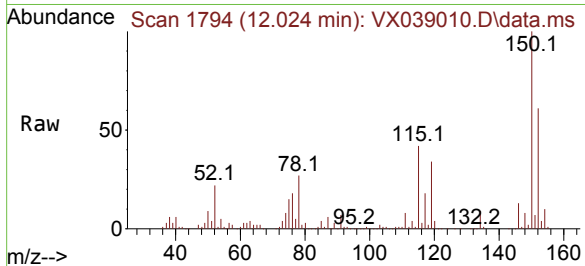




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

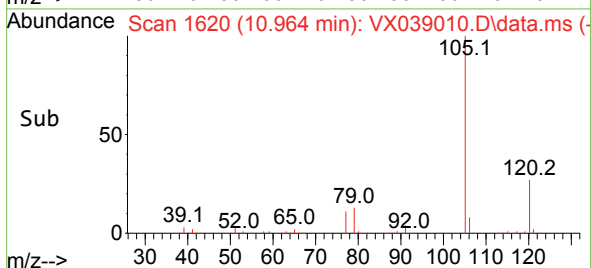
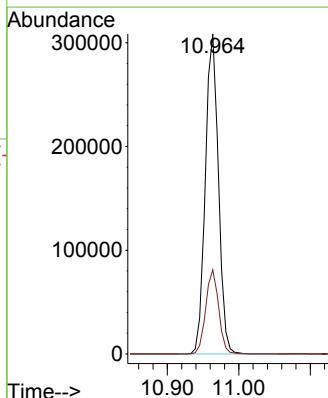
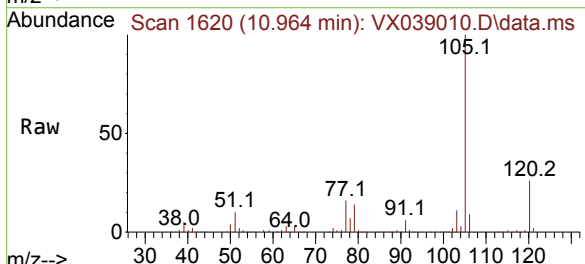
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

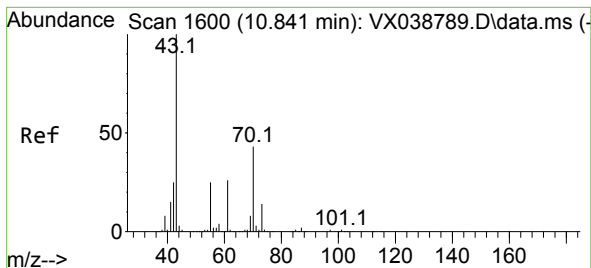
Tgt Ion:152 Resp: 94230
Ion Ratio Lower Upper
152 100
115 92.9 43.3 129.9
150 176.9 0.0 345.0



#73
Isopropylbenzene
Concen: 53.411 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion:105 Resp: 392134
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6





#74

N-amy1 acetate

Concen: 51.178 ug/l

RT: 10.842 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039010.D

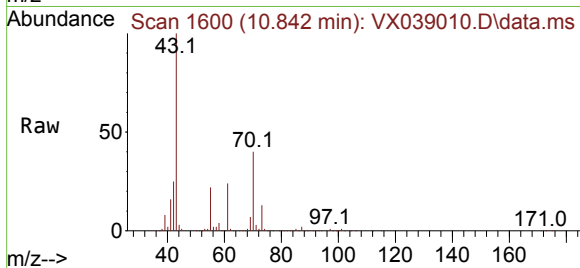
Acq: 22 Nov 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MSD



Tgt Ion: 43 Resp: 198622

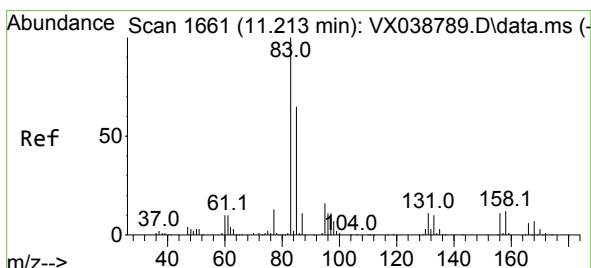
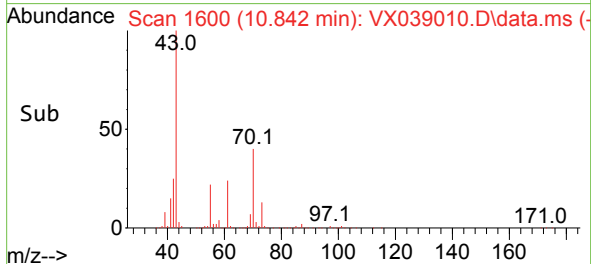
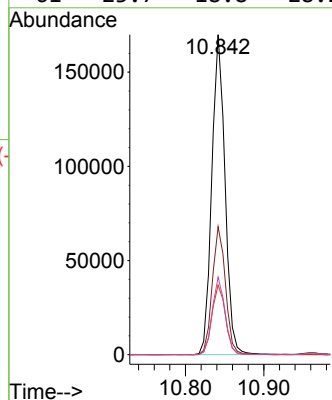
Ion Ratio Lower Upper

43 100

70 40.1 32.9 49.3

55 22.3 19.3 28.9

61 23.7 18.8 28.2



#75

1,1,2,2-Tetrachloroethane

Concen: 52.238 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

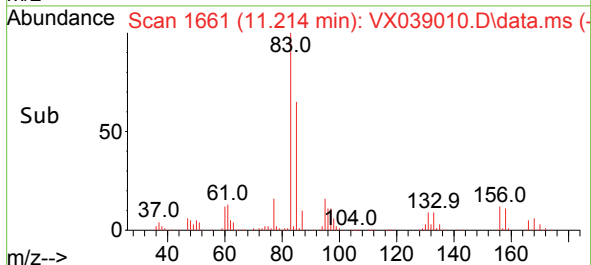
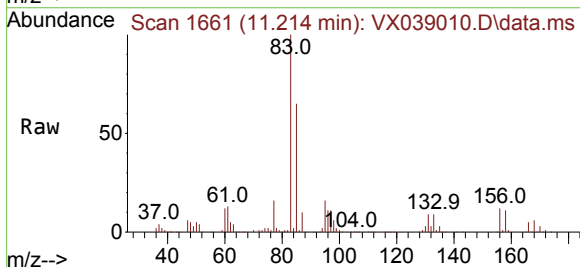
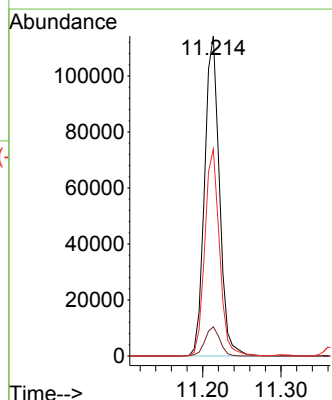
Tgt Ion: 83 Resp: 149715

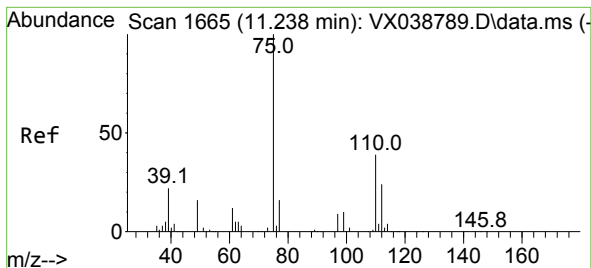
Ion Ratio Lower Upper

83 100

131 9.1 5.3 15.8

85 64.2 32.0 96.2

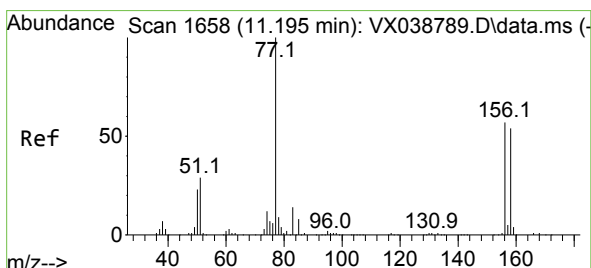
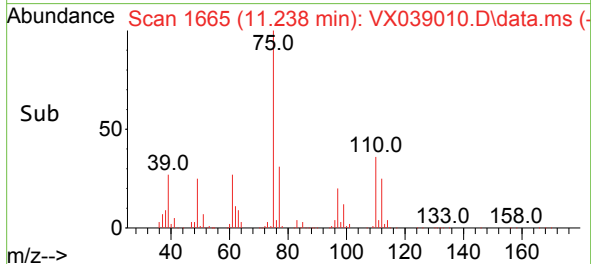
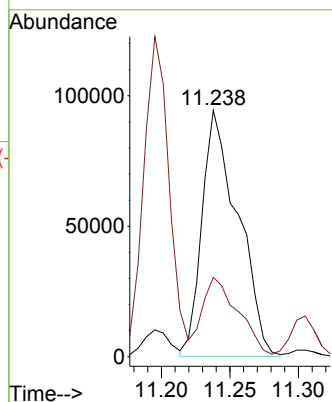
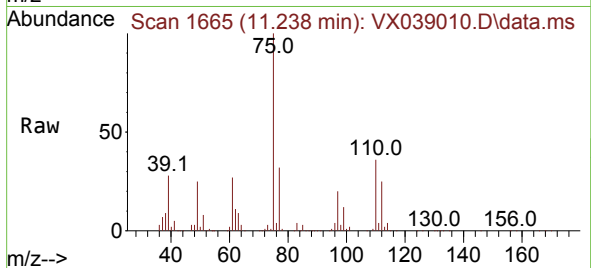




#76
1,2,3-Trichloropropane
Concen: 73.154 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

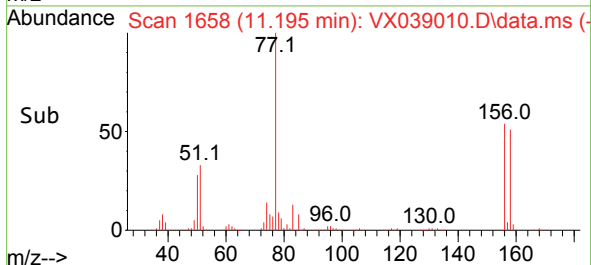
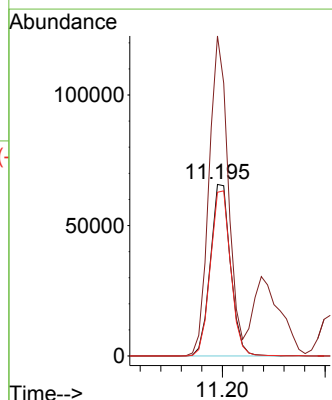
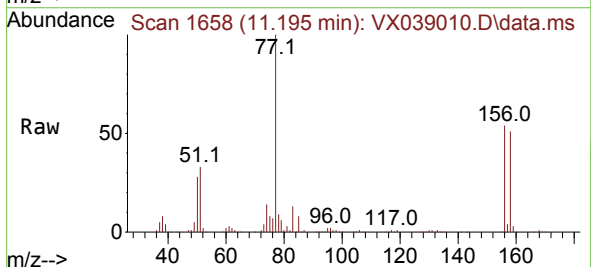
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

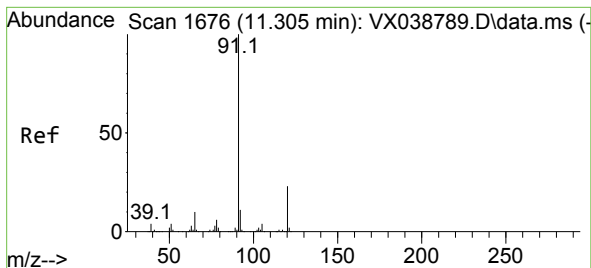
Tgt Ion: 75 Resp: 171987
Ion Ratio Lower Upper
75 100
77 32.5 19.1 57.5



#77
Bromobenzene
Concen: 54.479 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion: 156 Resp: 89874
Ion Ratio Lower Upper
156 100
77 177.5 88.4 265.3
158 96.6 48.0 144.0





#78

n-propylbenzene

Concen: 52.507 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

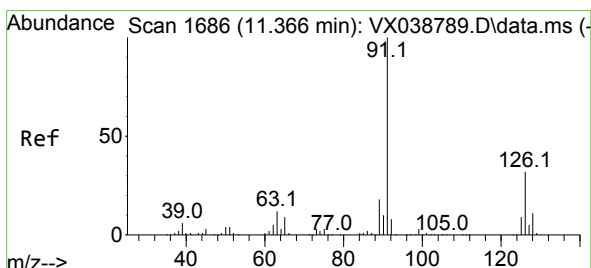
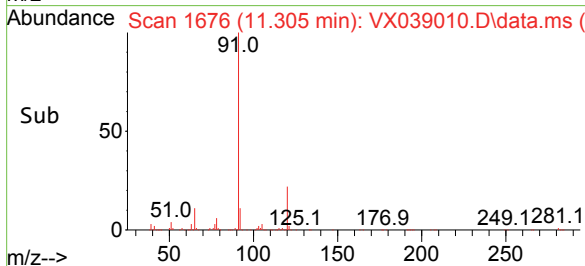
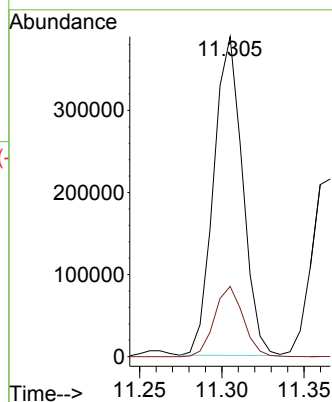
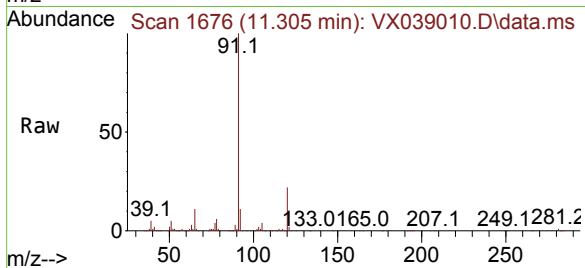
MH-117N-20231114MSD

Tgt Ion: 91 Resp: 474510

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4



#79

2-Chlorotoluene

Concen: 51.847 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX039010.D

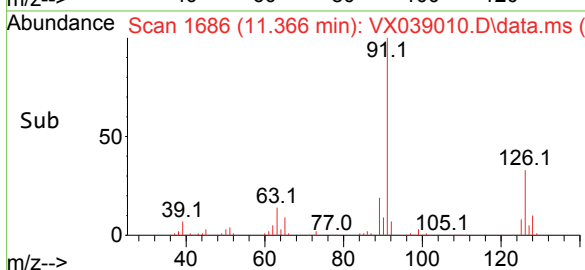
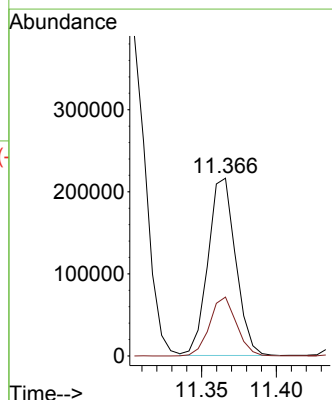
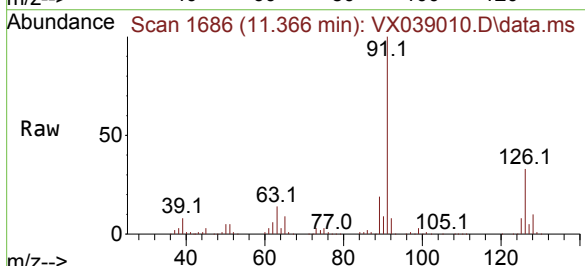
Acq: 22 Nov 2023 18:04

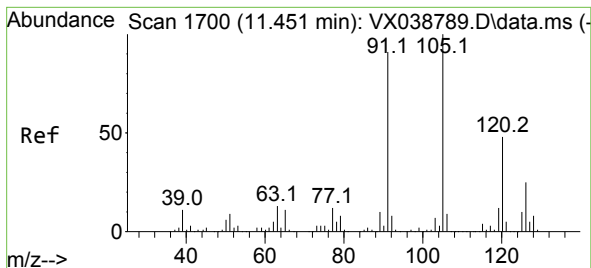
Tgt Ion: 91 Resp: 278062

Ion Ratio Lower Upper

91 100

126 32.3 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 54.522 ug/l

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

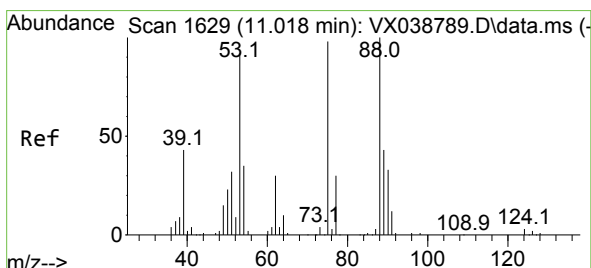
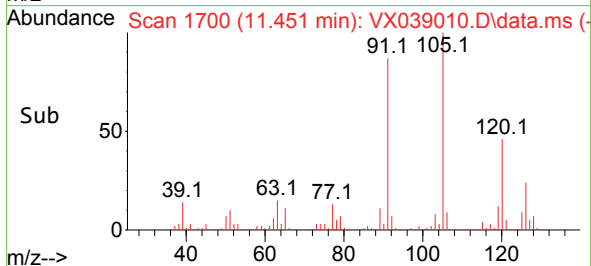
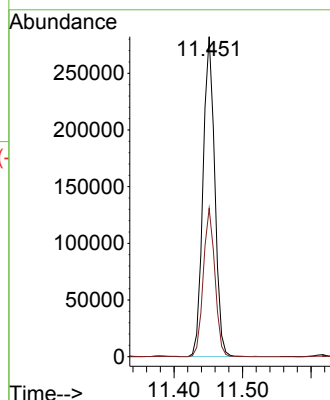
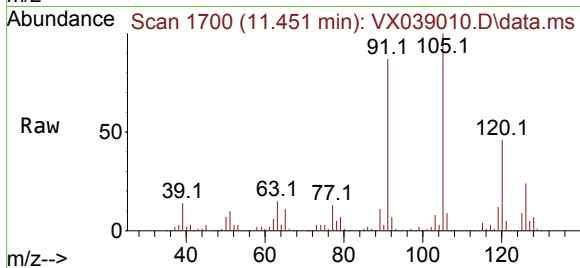
MH-117N-20231114MSD

Tgt Ion:105 Resp: 336572

Ion Ratio Lower Upper

105 100

120 45.9 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 45.178 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

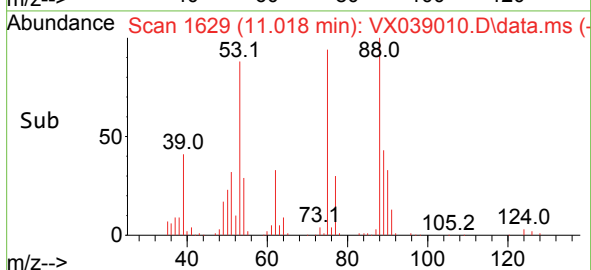
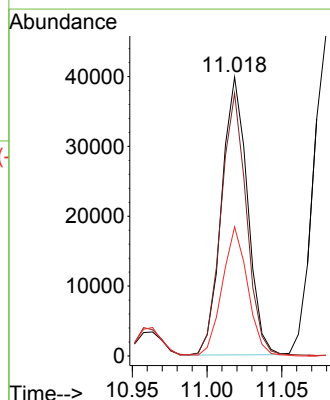
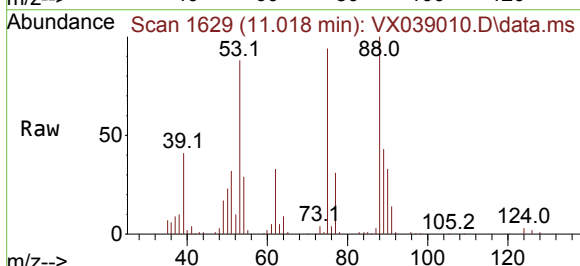
Tgt Ion: 75 Resp: 47885

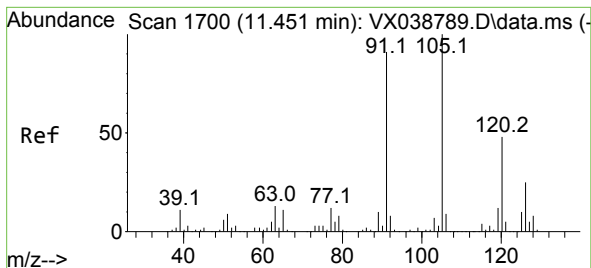
Ion Ratio Lower Upper

75 100

53 92.7 90.5 135.7

89 45.5 36.9 55.3





#82

4-Chlorotoluene

Concen: 52.769 ug/l

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

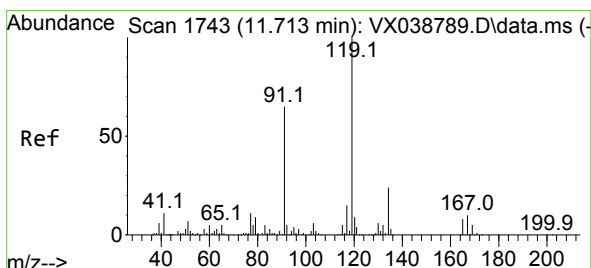
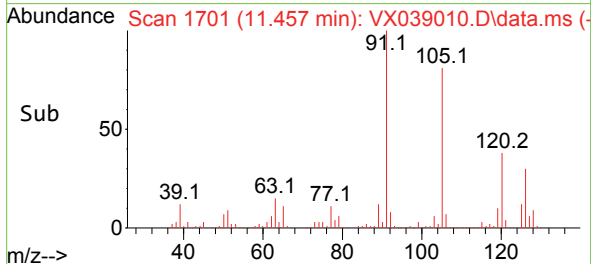
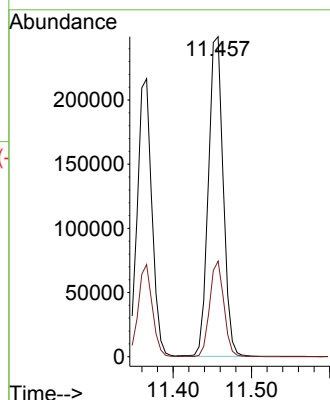
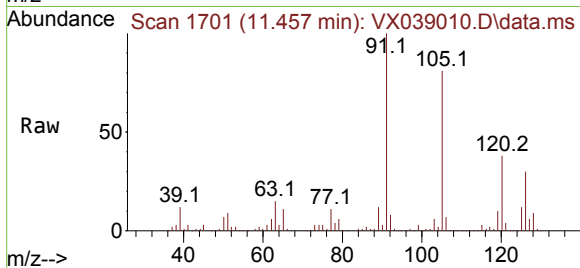
MH-117N-20231114MSD

Tgt Ion: 91 Resp: 326319

Ion Ratio Lower Upper

91 100

126 28.7 14.2 42.6



#83

tert-Butylbenzene

Concen: 53.981 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

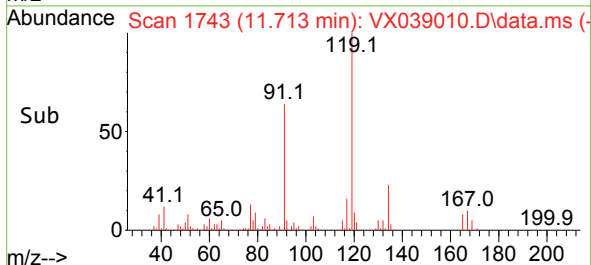
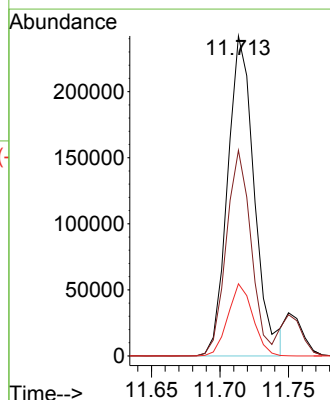
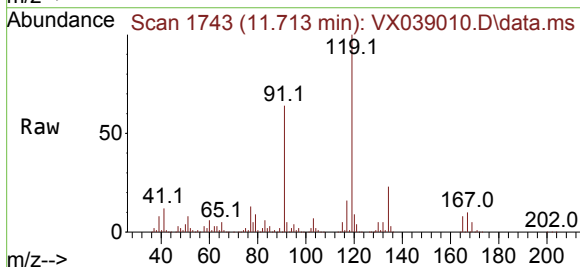
Tgt Ion: 119 Resp: 328191

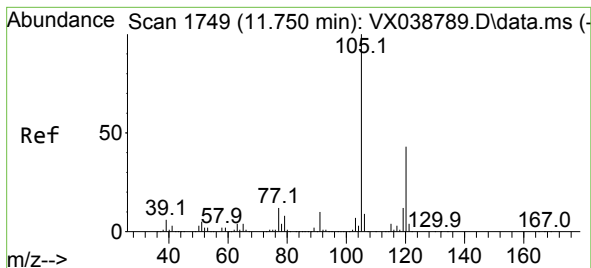
Ion Ratio Lower Upper

119 100

91 60.1 31.2 93.6

134 21.1 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 54.529 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

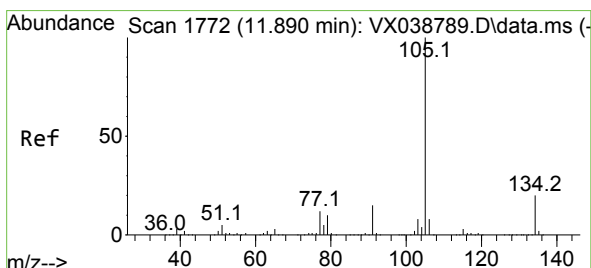
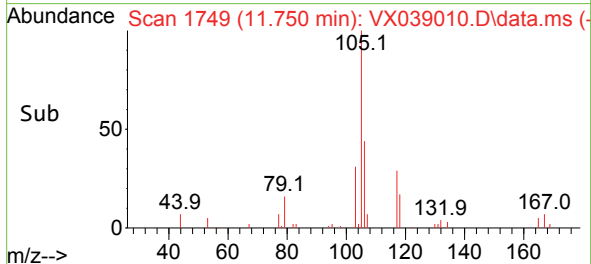
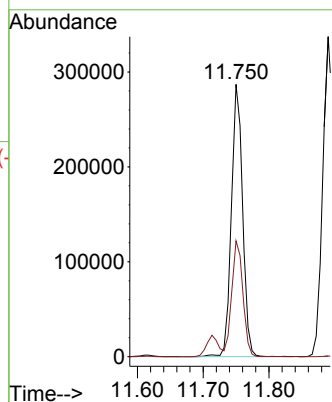
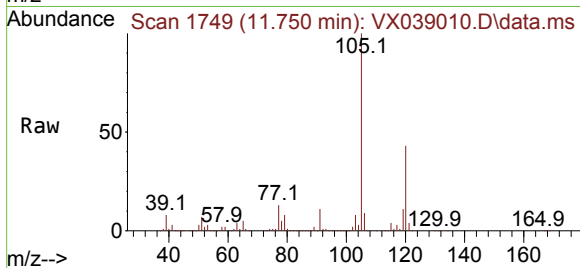
MH-117N-20231114MSD

Tgt Ion:105 Resp: 340708

Ion Ratio Lower Upper

105 100

120 42.2 21.2 63.6



#85

sec-Butylbenzene

Concen: 50.942 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX039010.D

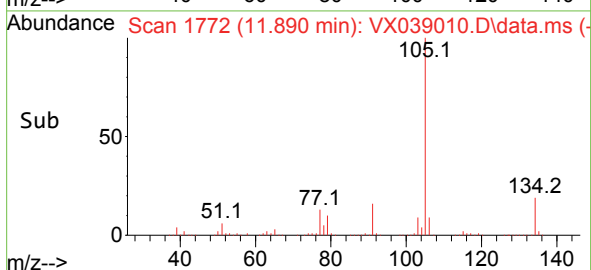
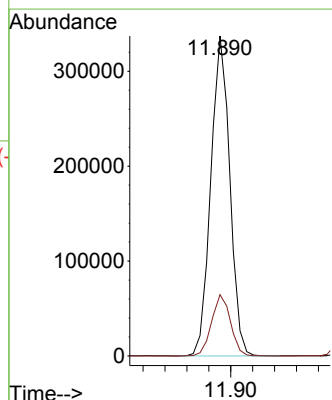
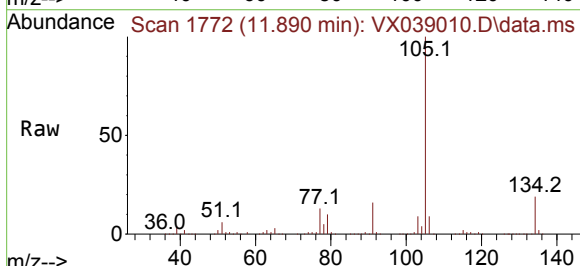
Acq: 22 Nov 2023 18:04

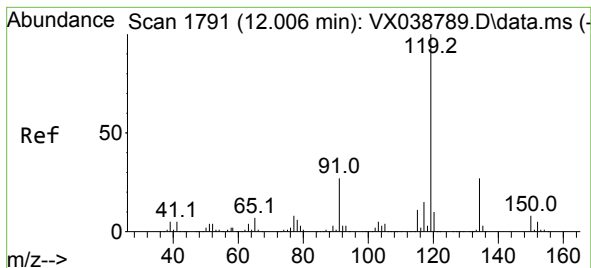
Tgt Ion:105 Resp: 405113

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.4





#86

p-Isopropyltoluene

Concen: 53.446 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MSD

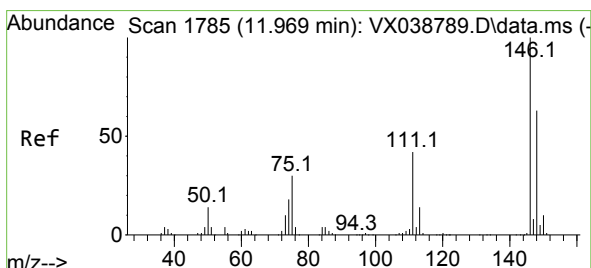
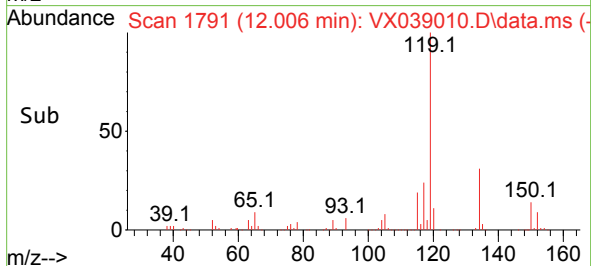
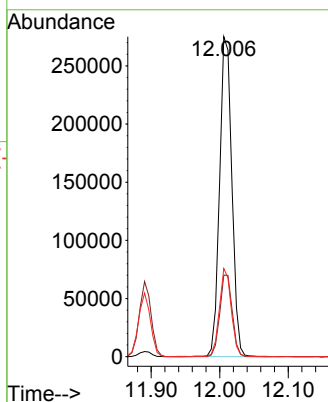
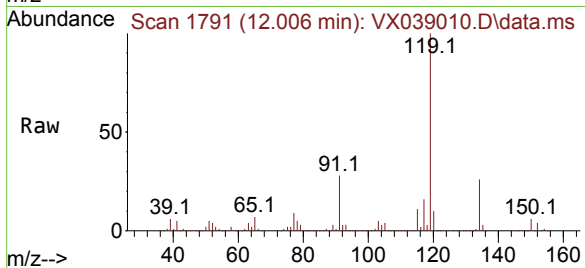
Tgt Ion:119 Resp: 341190

Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.3

91 26.5 13.1 39.3



#87

1,3-Dichlorobenzene

Concen: 52.636 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

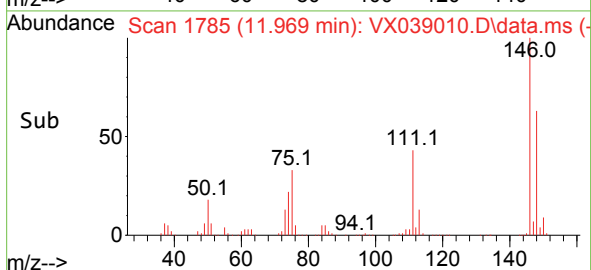
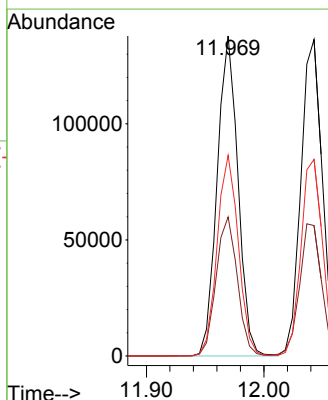
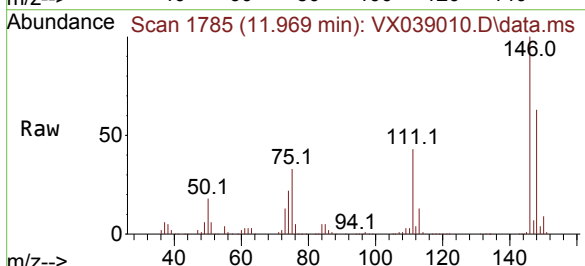
Tgt Ion:146 Resp: 170040

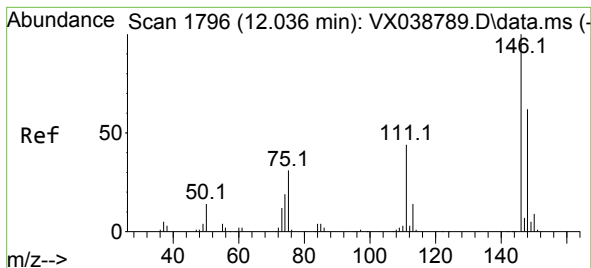
Ion Ratio Lower Upper

146 100

111 44.5 22.1 66.1

148 63.8 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 52.577 ug/l

RT: 12.043 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MSD

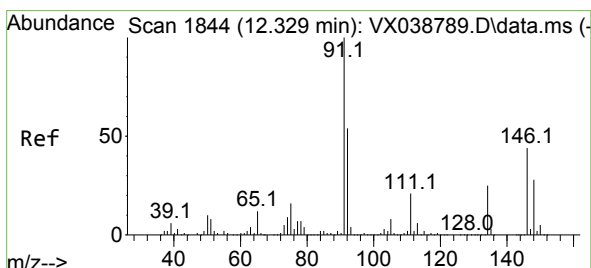
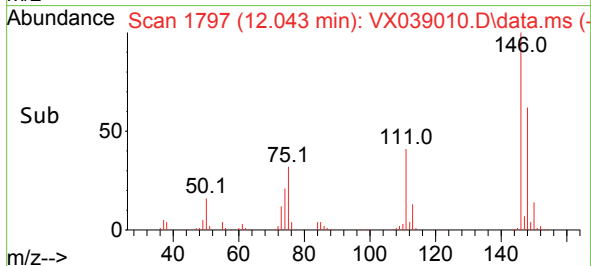
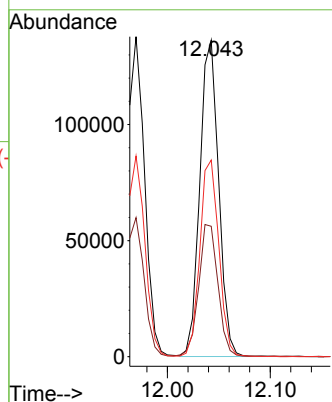
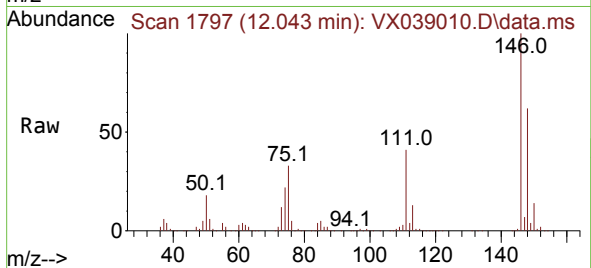
Tgt Ion:146 Resp: 173838

Ion Ratio Lower Upper

146 100

111 42.8 21.3 63.7

148 62.9 31.8 95.4



#89

n-Butylbenzene

Concen: 51.778 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

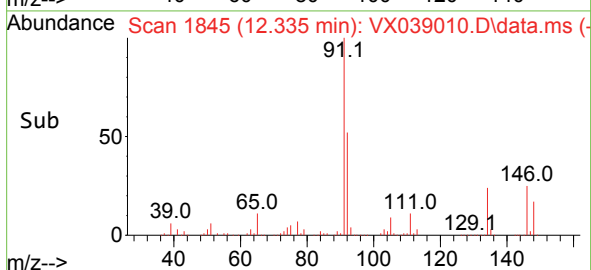
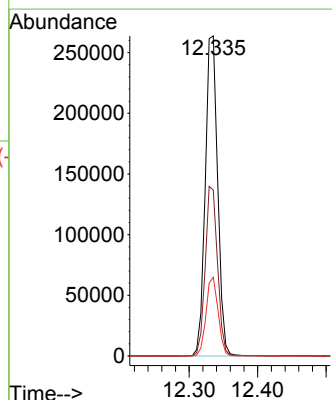
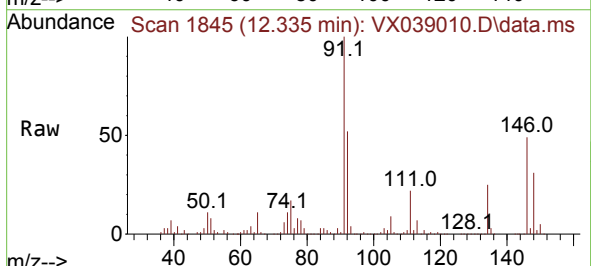
Tgt Ion: 91 Resp: 333496

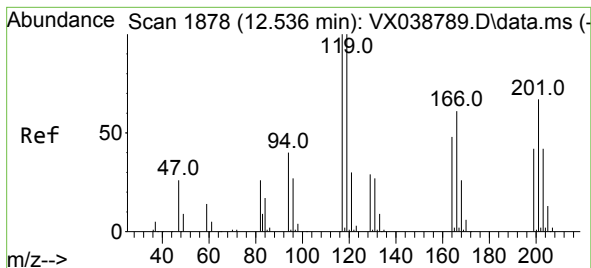
Ion Ratio Lower Upper

91 100

92 52.3 27.4 82.0

134 24.0 12.6 37.8





#90

Hexachloroethane

Concen: 50.703 ug/l

RT: 12.536 min Scan# 117

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

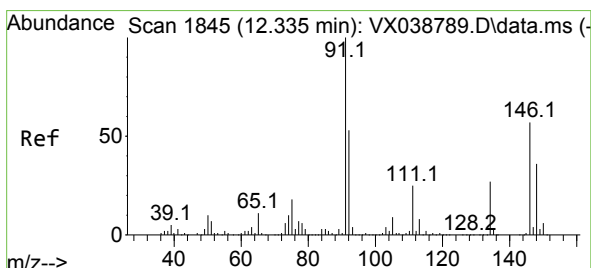
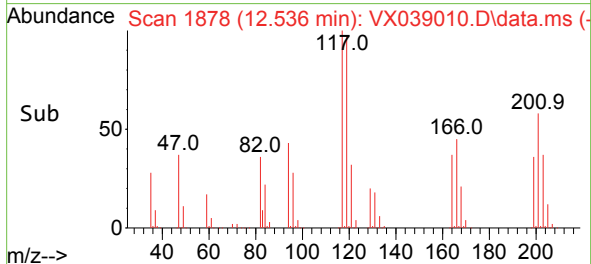
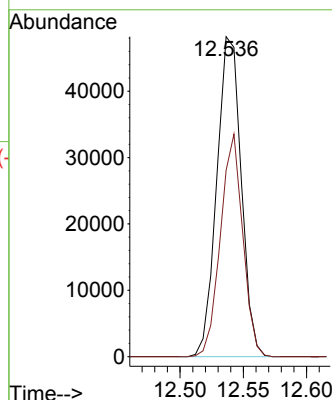
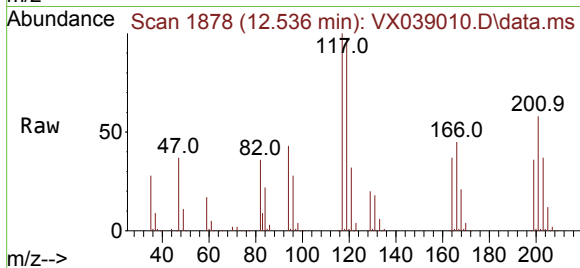
MH-117N-20231114MSD

Tgt Ion:117 Resp: 64638

Ion Ratio Lower Upper

117 100

201 63.5 32.9 98.6



#91

1,2-Dichlorobenzene

Concen: 53.802 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

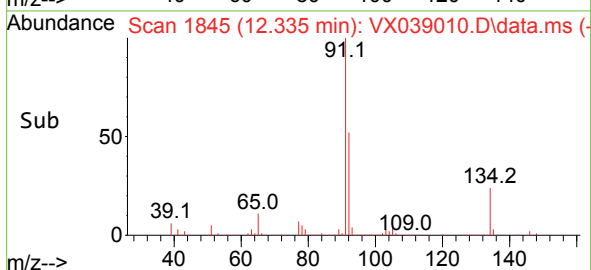
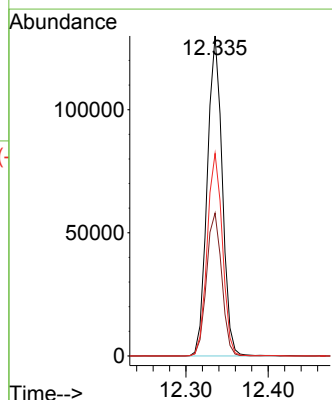
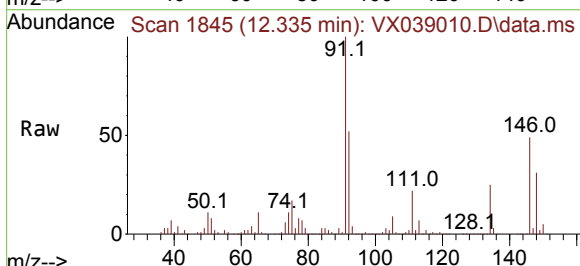
Tgt Ion:146 Resp: 164849

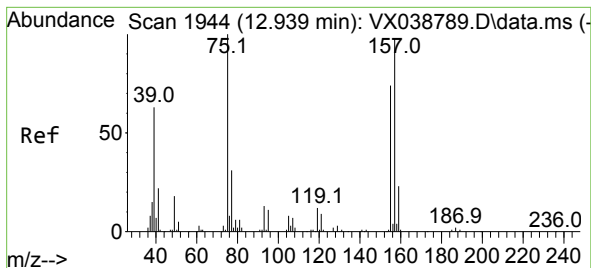
Ion Ratio Lower Upper

146 100

111 45.4 22.4 67.0

148 63.8 31.6 95.0

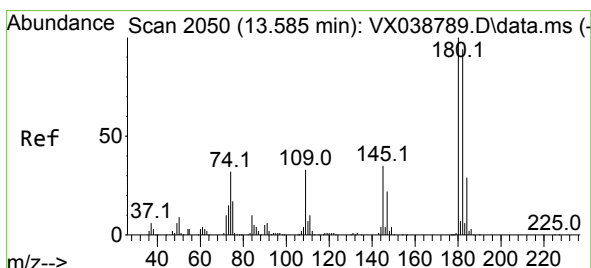
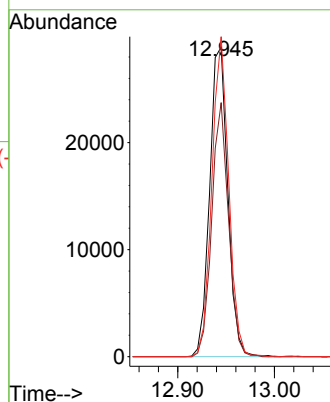
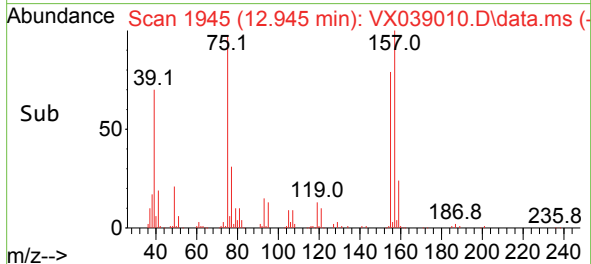
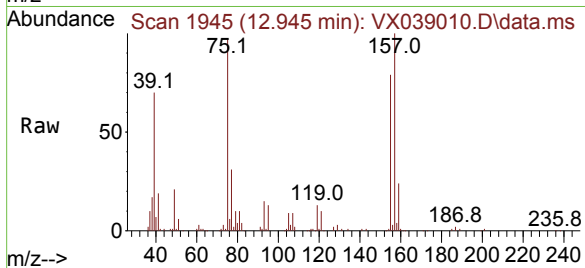




#92
1,2-Dibromo-3-Chloropropane
Concen: 53.642 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

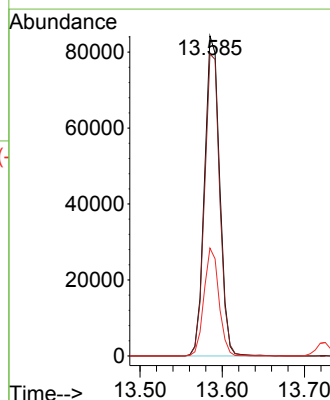
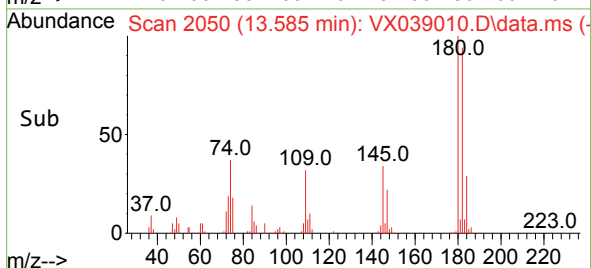
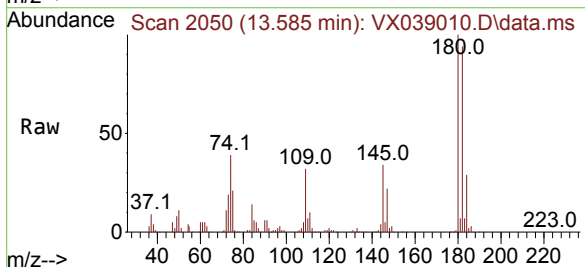
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20231114MSD

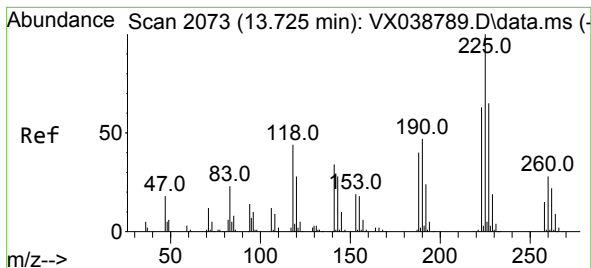
Tgt Ion: 75 Resp: 37666
Ion Ratio Lower Upper
75 100
155 76.1 36.1 108.5
157 96.1 44.9 134.7



#93
1,2,4-Trichlorobenzene
Concen: 52.444 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039010.D
Acq: 22 Nov 2023 18:04

Tgt Ion:180 Resp: 107681
Ion Ratio Lower Upper
180 100
182 94.7 48.3 144.8
145 33.2 18.0 54.0





#94

Hexachlorobutadiene

Concen: 50.555 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MSD

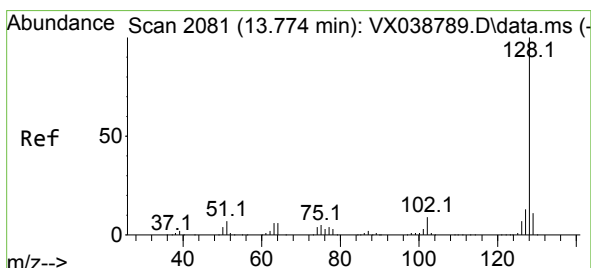
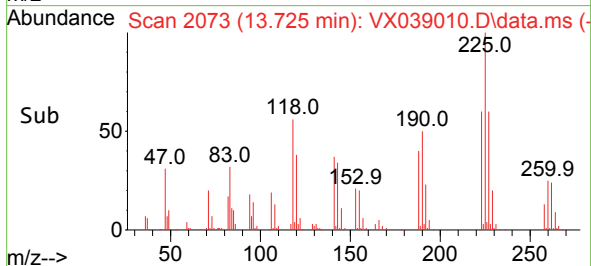
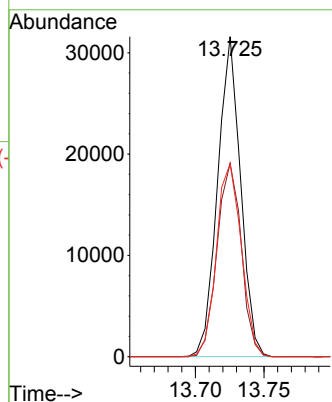
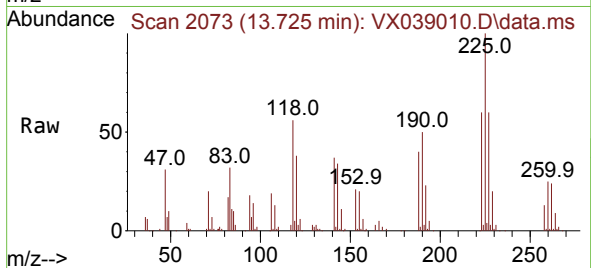
Tgt Ion:225 Resp: 36759

Ion Ratio Lower Upper

225 100

223 63.7 31.1 93.2

227 65.2 32.5 97.5



#95

Naphthalene

Concen: 52.125 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039010.D

Acq: 22 Nov 2023 18:04

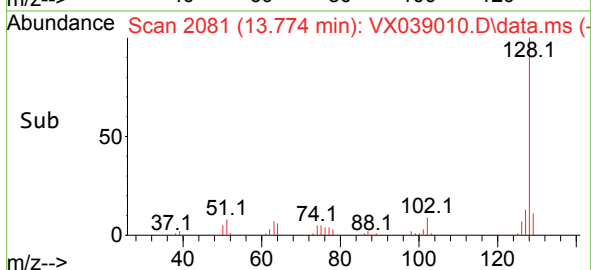
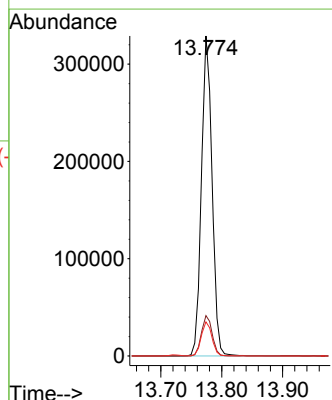
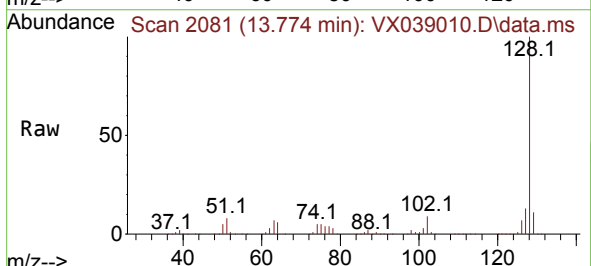
Tgt Ion:128 Resp: 398607

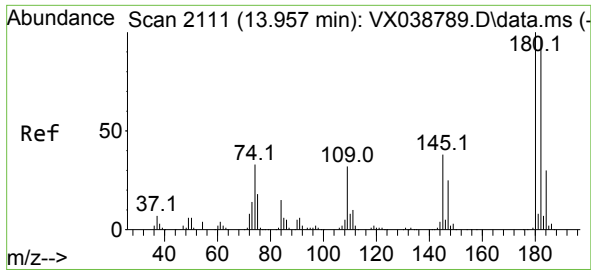
Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.7 8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 53.411 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX039010.D

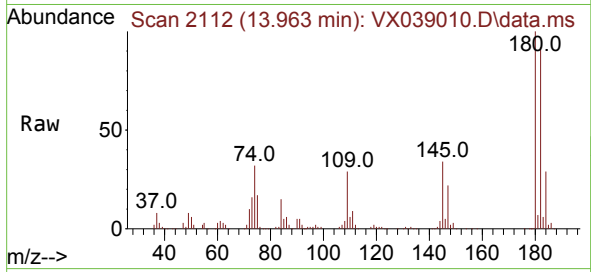
Acq: 22 Nov 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20231114MSD



Tgt Ion:180 Resp: 103958

Ion Ratio Lower Upper

180 100

182 94.7 46.9 140.6

145 35.8 17.8 53.5

