

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093023\
 Data File : VN079397.D
 Acq On : 30 Sep 2023 19:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 02 02:01:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	114127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	237673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	207105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	90308	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119789	77.755	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	155.500%#
35) Dibromofluoromethane	8.171	113	92120	58.269	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	116.540%
50) Toluene-d8	10.571	98	275801	47.511	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.020%
62) 4-Bromofluorobenzene	12.853	95	89120	48.129	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34728	30.754	ug/l	99
3) Chloromethane	2.365	50	87804	59.232	ug/l	99
4) Vinyl Chloride	2.518	62	85392	52.867	ug/l	98
5) Bromomethane	2.936	94	55422	59.694	ug/l	97
6) Chloroethane	3.112	64	68766	66.893	ug/l	90
7) Trichlorofluoromethane	3.495	101	86477	36.562	ug/l	99
8) Diethyl Ether	3.965	74	59666	72.680	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.377	101	45258	35.981	ug/l	99
10) Methyl Iodide	4.589	142	88863	86.365	ug/l	99
11) Tert butyl alcohol	5.530	59	96689	339.941	ug/l	99
12) 1,1-Dichloroethene	4.342	96	55183	45.335	ug/l #	74
13) Acrolein	4.177	56	140474	517.753	ug/l	96
14) Allyl chloride	5.024	41	114768	59.106	ug/l #	89
15) Acrylonitrile	5.718	53	292326	396.366	ug/l	99
16) Acetone	4.430	43	238308	364.216	ug/l	97
17) Carbon Disulfide	4.712	76	132595	34.854	ug/l	99
18) Methyl Acetate	5.024	43	231790	86.196	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	324775	77.798	ug/l	93
20) Methylene Chloride	5.271	84	104050	65.348	ug/l #	87
21) trans-1,2-Dichloroethene	5.789	96	75368	53.376	ug/l #	77
22) Diisopropyl ether	6.677	45	357452	83.901	ug/l #	92
23) Vinyl Acetate	6.606	43	1045069	398.806	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	182486	69.483	ug/l	96
25) 2-Butanone	7.488	43	377924	398.089	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	100599	46.677	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	104702	64.848	ug/l	87
28) Bromochloromethane	7.812	49	88581	74.597	ug/l #	73
29) Tetrahydrofuran	7.841	42	255387	422.726	ug/l #	75
30) Chloroform	7.971	83	195816	71.610	ug/l	92
31) Cyclohexane	8.265	56	73207	32.544	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	130573	56.017	ug/l	95
36) 1,1-Dichloropropene	8.377	75	93700	38.451	ug/l	95
37) Ethyl Acetate	7.565	43	159067	65.444	ug/l #	89
38) Carbon Tetrachloride	8.365	117	93878	37.227	ug/l	97
39) Methylcyclohexane	9.606	83	62450	25.981	ug/l #	89
40) Benzene	8.612	78	378281	50.709	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	83037	67.757	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	165345	64.384	ug/l	97
43) Isopropyl Acetate	8.694	43	321455	81.054	ug/l #	83
44) Trichloroethene	9.353	130	76234	41.484	ug/l	99
45) 1,2-Dichloropropane	9.629	63	114293	61.735	ug/l	97
46) Dibromomethane	9.712	93	79963	63.625	ug/l	97
47) Bromodichloromethane	9.888	83	163404	63.478	ug/l	96
48) Methyl methacrylate	9.682	41	121166	68.208	ug/l #	81
49) 1,4-Dioxane	9.700	88	42610	1166.192	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	823735	357.804	ug/l	88
52) Toluene	10.635	92	210672	45.954	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	157098	57.878	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	168643	58.090	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	113341	63.007	ug/l	97
56) Ethyl methacrylate	10.876	69	166654	65.629	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	193720	62.296	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	323078	296.269	ug/l	89
59) 2-Hexanone	11.200	43	573193	343.753	ug/l	88
60) Dibromochloromethane	11.365	129	116296	60.746	ug/l	99
61) 1,2-Dibromoethane	11.471	107	107095	59.656	ug/l	97
64) Tetrachloroethene	11.106	164	52728	34.916	ug/l	98
65) Chlorobenzene	11.894	112	225095	47.977	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	98702	56.102	ug/l	97
67) Ethyl Benzene	11.965	91	353489	44.048	ug/l	94
68) m/p-Xylenes	12.070	106	267913	89.566	ug/l	95
69) o-Xylene	12.400	106	142540	49.686	ug/l	96
70) Styrene	12.418	104	247666	53.678	ug/l	97
71) Bromoform	12.582	173	76908	59.214	ug/l #	98
73) Isopropylbenzene	12.700	105	303137	36.894	ug/l	100
74) N-amyl acetate	12.500	43	201225	64.552	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	171041	55.903	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	195188	80.195	ug/l	59
77) Bromobenzene	12.982	156	91416	43.940	ug/l	88
78) n-propylbenzene	13.041	91	353709	38.322	ug/l	96
79) 2-Chlorotoluene	13.129	91	247924	41.069	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	268828	39.266	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	49632	56.061	ug/l #	85
82) 4-Chlorotoluene	13.223	91	231248	40.767	ug/l	100
83) tert-Butylbenzene	13.441	119	221633	39.132	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	293562	45.024	ug/l	99
85) sec-Butylbenzene	13.617	105	285245	36.583	ug/l	99
86) p-Isopropyltoluene	13.735	119	234456	37.637	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	152241	44.614	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	148564	43.085	ug/l	100
89) n-Butylbenzene	14.059	91	173314	35.380	ug/l	98
90) Hexachloroethane	14.335	117	53985	42.675	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	161897	48.060	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25951	55.795	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	43338	35.800	ug/l	96
94) Hexachlorobutadiene	15.506	225	24242	25.457	ug/l	99
95) Naphthalene	15.647	128	129069	35.898	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	49761	34.848	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

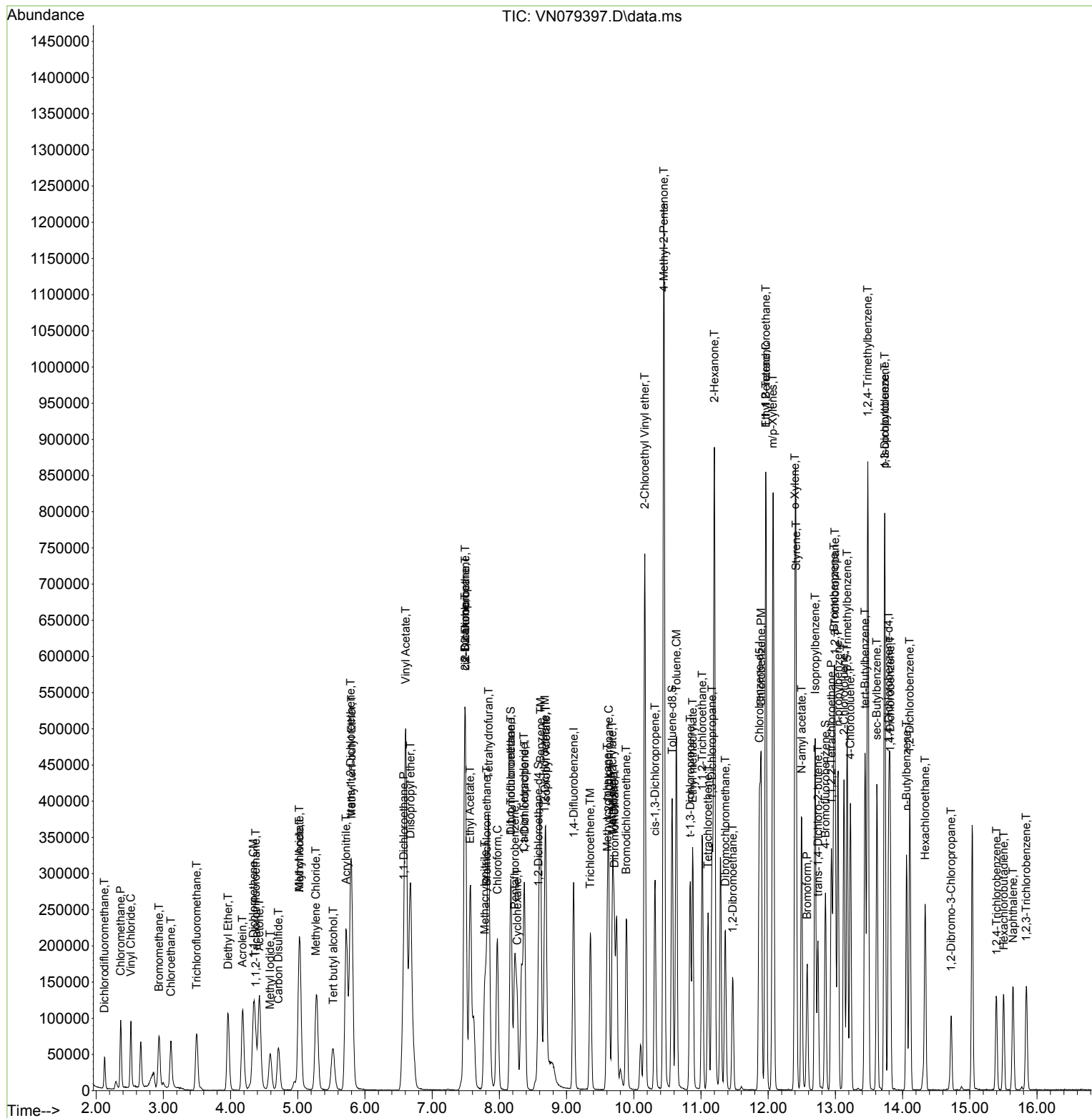
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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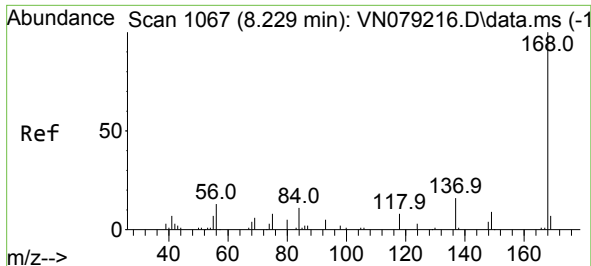
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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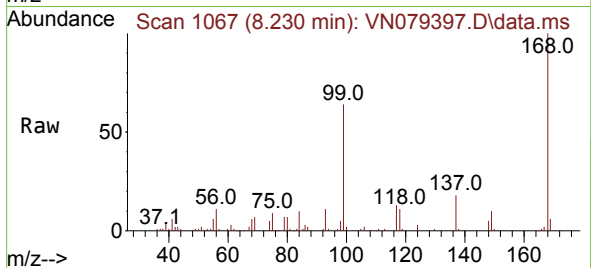
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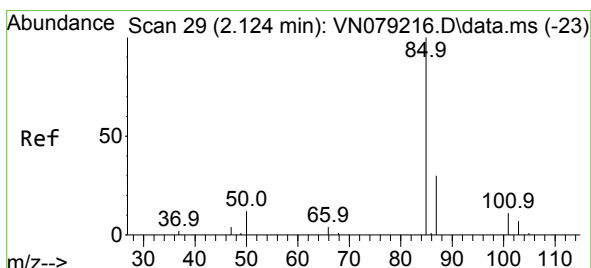
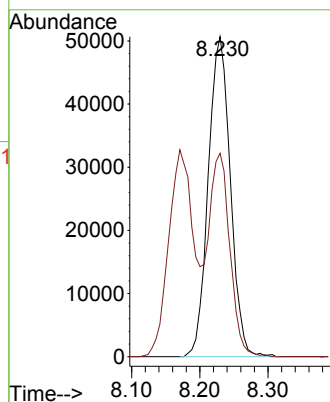
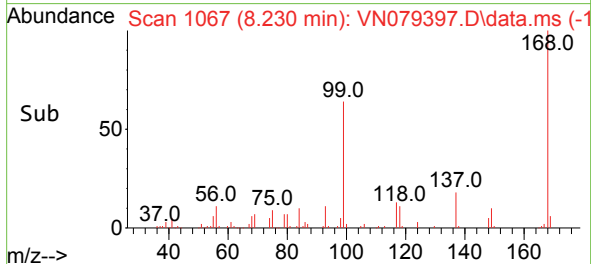


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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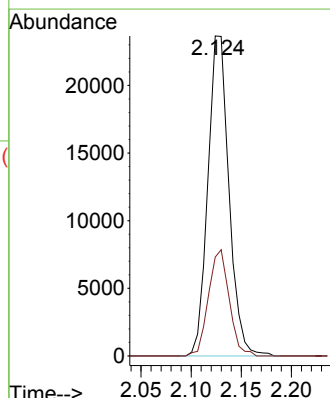
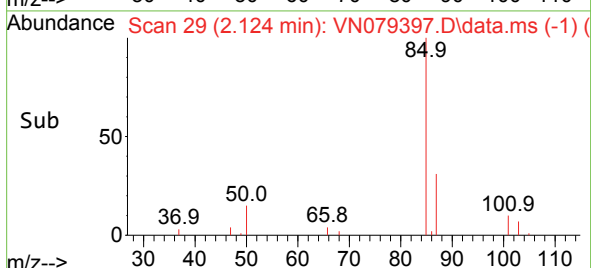
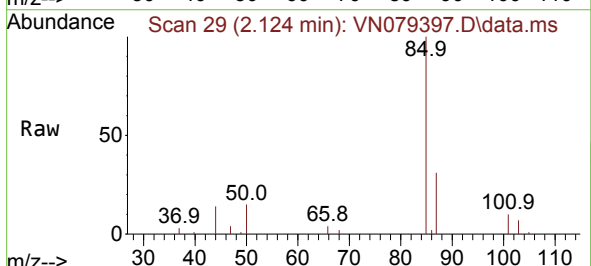


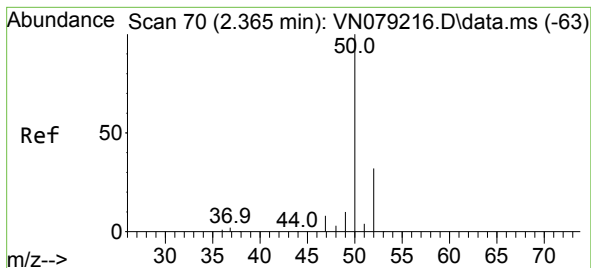
Tgt Ion:168 Resp: 114127
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 30.754 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion: 85 Resp: 34728
Ion Ratio Lower Upper
85 100
87 30.9 15.8 47.4





#3

Chloromethane

Concen: 59.232 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

Instrument :

MSVOA_N

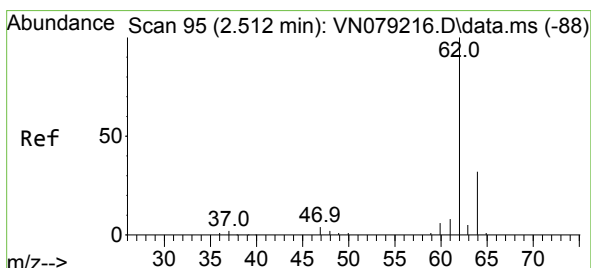
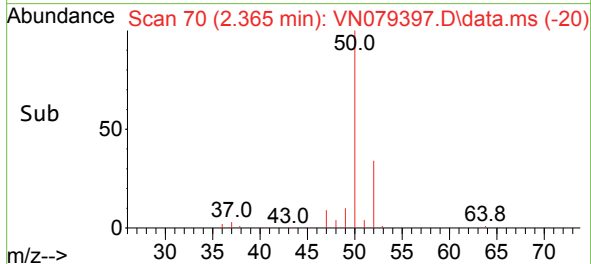
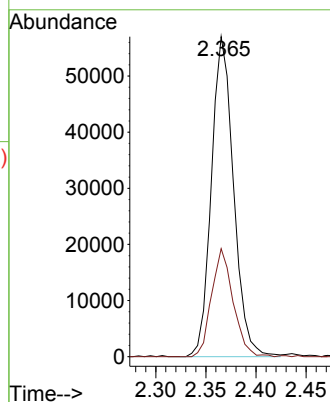
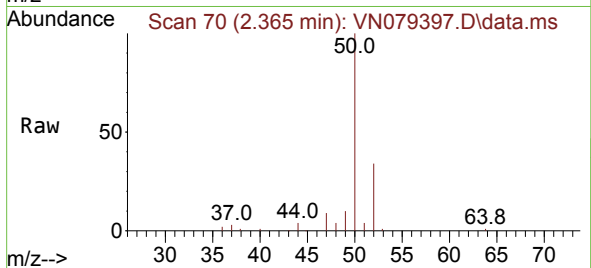
ClientSampleId :

Tgt Ion: 50 Resp: 87804

Ion Ratio Lower Upper

50 100

52 33.8 26.5 39.7



#4

Vinyl Chloride

Concen: 52.867 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN079397.D

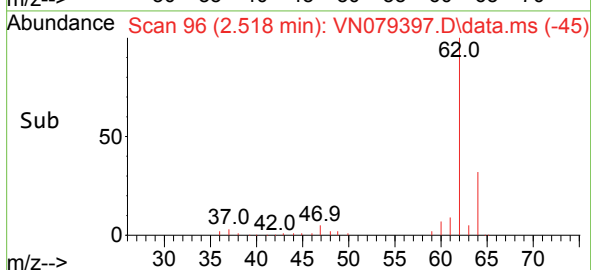
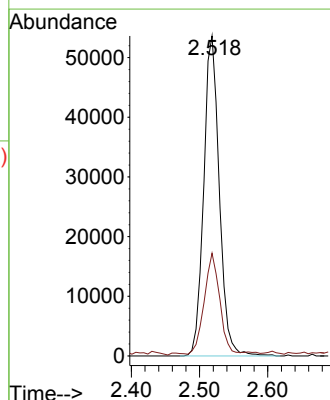
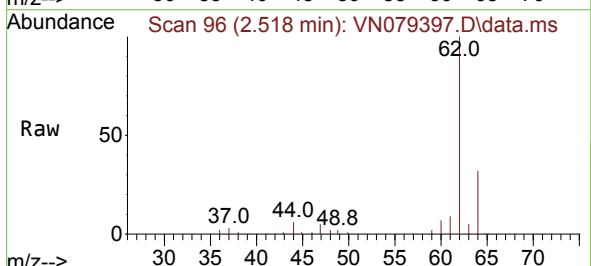
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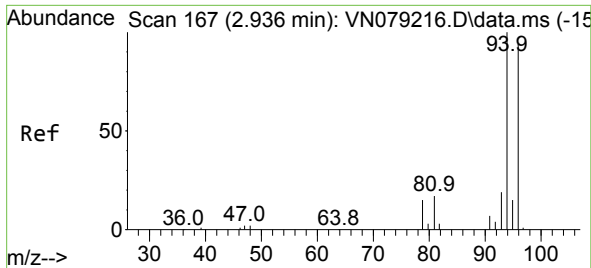
Tgt Ion: 62 Resp: 85392

Ion Ratio Lower Upper

62 100

64 31.4 26.2 39.2

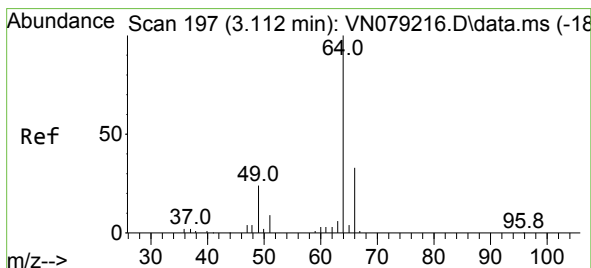
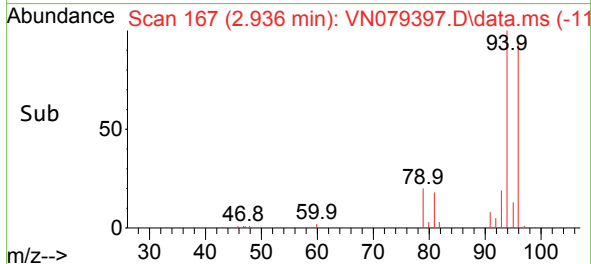
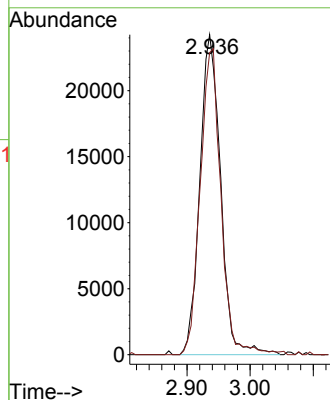
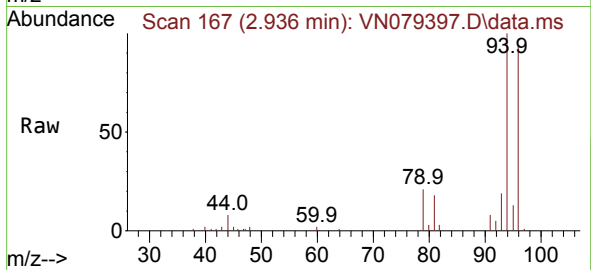




#5
Bromomethane
Concen: 59.694 ug/l
RT: 2.936 min Scan# 167
Delta R.T. -0.012 min
Lab File: VN079397.D
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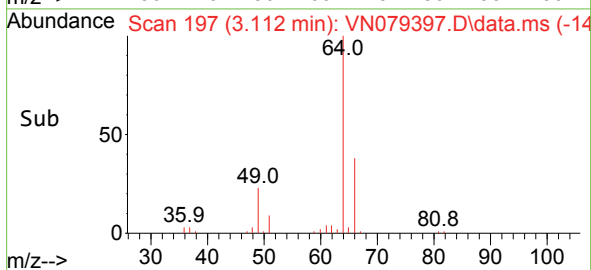
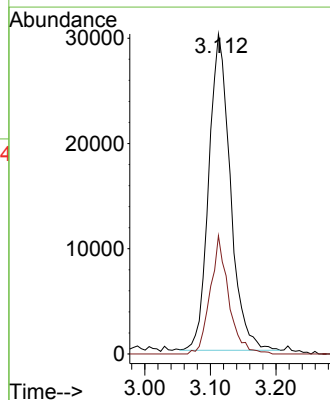
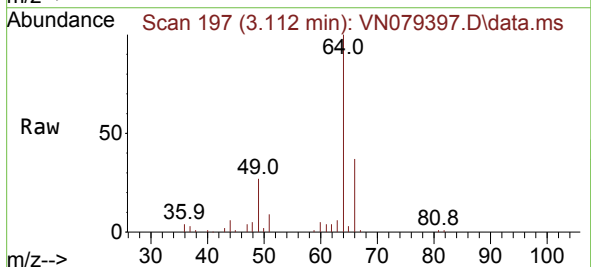
Instrument :
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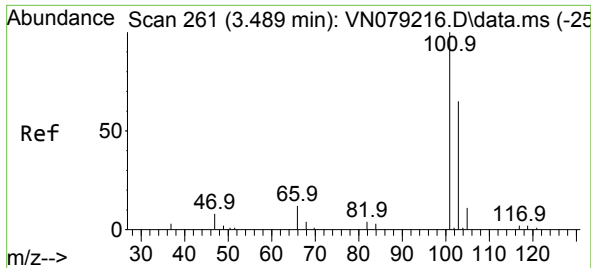
Tgt Ion: 94 Resp: 55422
Ion Ratio Lower Upper
94 100
96 94.4 73.1 109.7



#6
Chloroethane
Concen: 66.893 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion: 64 Resp: 68766
Ion Ratio Lower Upper
64 100
66 37.4 25.4 38.2

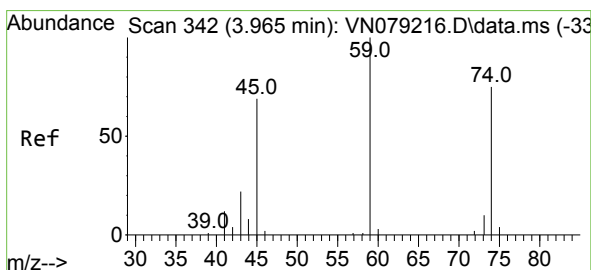
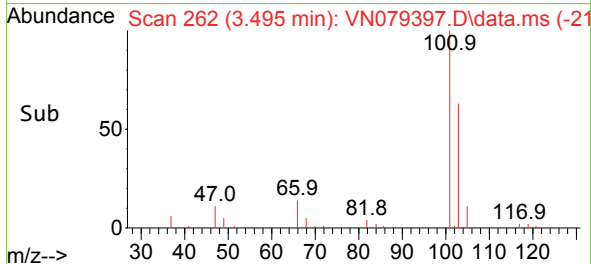
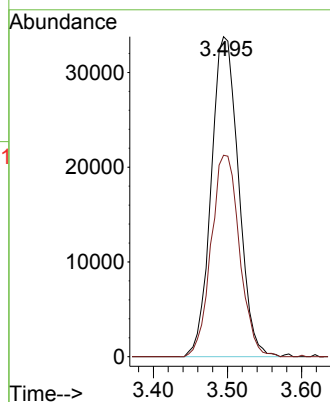
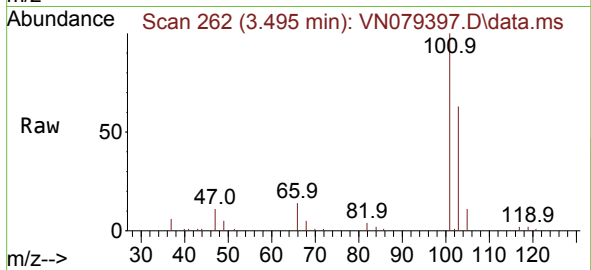




#7
Trichlorofluoromethane
Concen: 36.562 ug/l
RT: 3.495 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

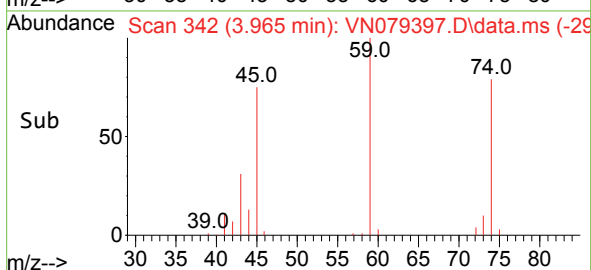
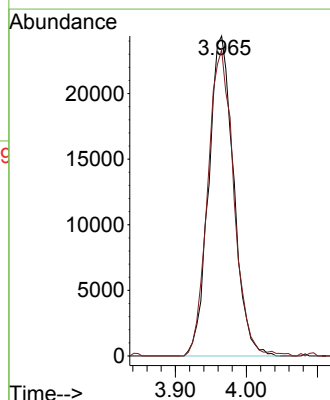
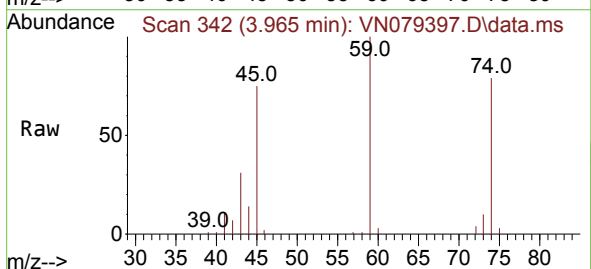
Instrument :
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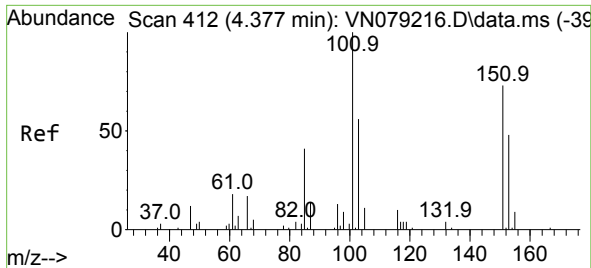
Tgt Ion:101 Resp: 86477
Ion Ratio Lower Upper
101 100
103 62.9 50.7 76.1



#8
Diethyl Ether
Concen: 72.680 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion: 74 Resp: 59666
Ion Ratio Lower Upper
74 100
45 99.9 34.4 103.3

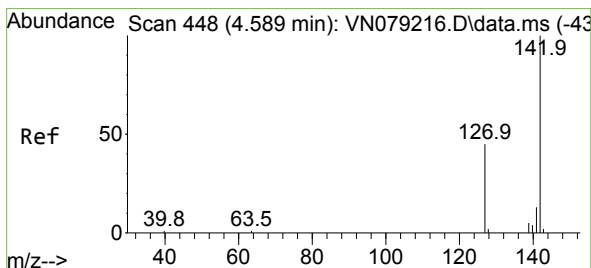
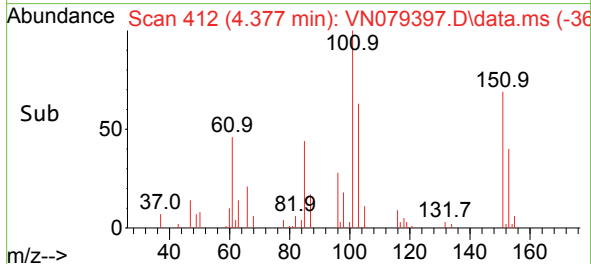
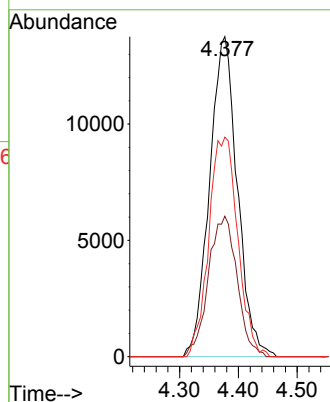
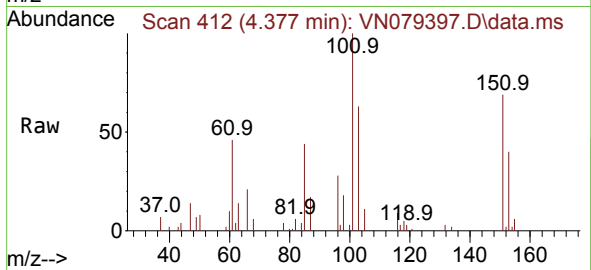




#9
1,1,2-Trichlorotrifluoroethane
Concen: 35.981 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

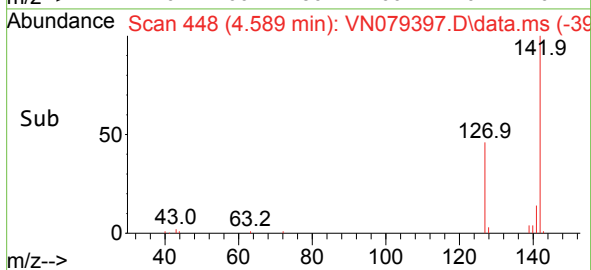
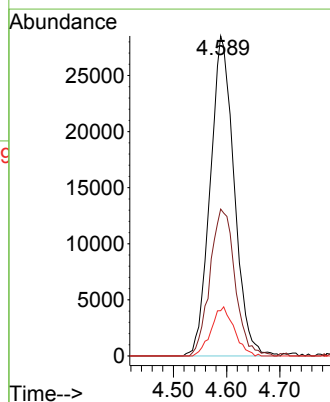
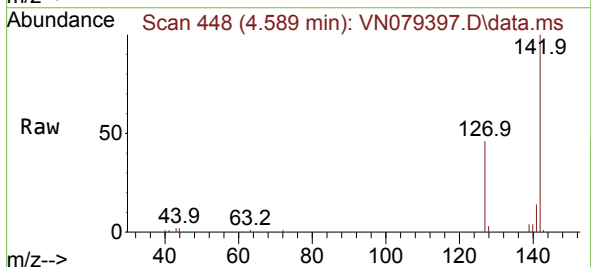
Instrument :
MSVOA_N
ClientSampleId :

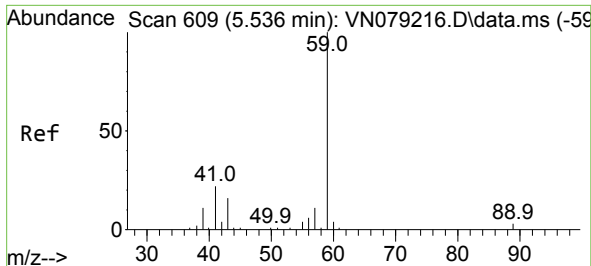
Tgt Ion:101 Resp: 45258
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 71.5 57.6 86.4



#10
Methyl Iodide
Concen: 86.365 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion:142 Resp: 88863
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 14.2 11.4 17.0

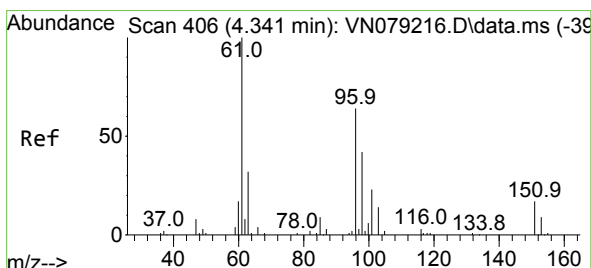
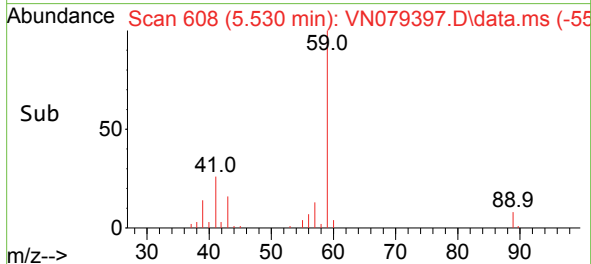
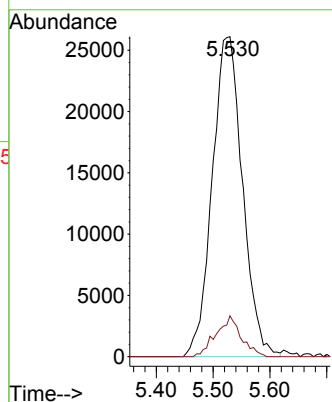
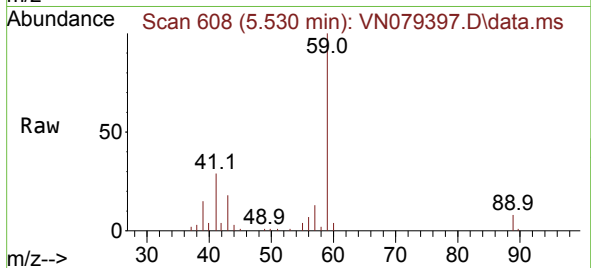




#11
Tert butyl alcohol
Concen: 339.941 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

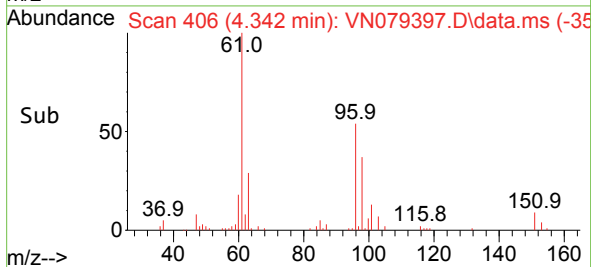
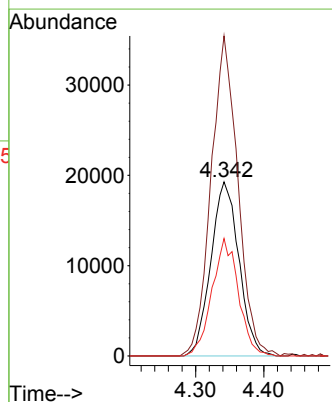
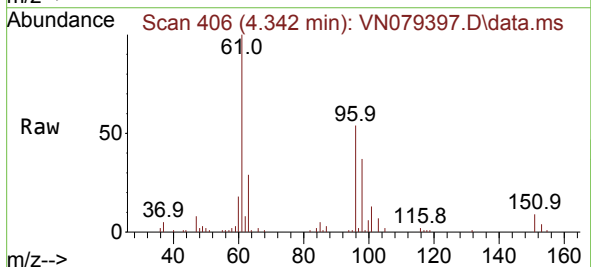
Instrument :
MSVOA_N
ClientSampleId :

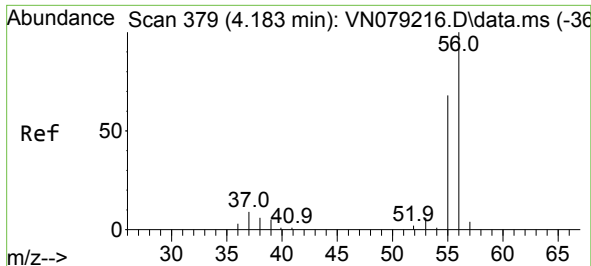
Tgt Ion: 59 Resp: 96689
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 45.335 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion: 96 Resp: 55183
Ion Ratio Lower Upper
96 100
61 183.8 112.7 169.1#
98 67.4 51.2 76.8





#13

Acrolein

Concen: 517.753 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.018 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

Instrument :

MSVOA_N

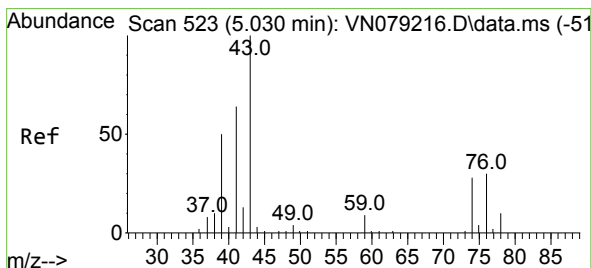
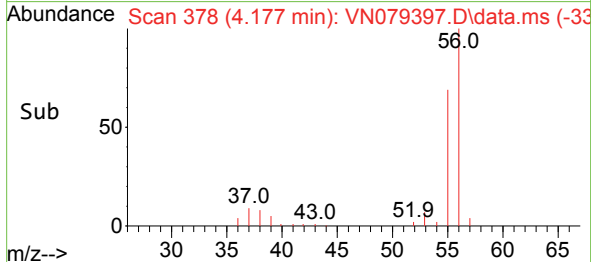
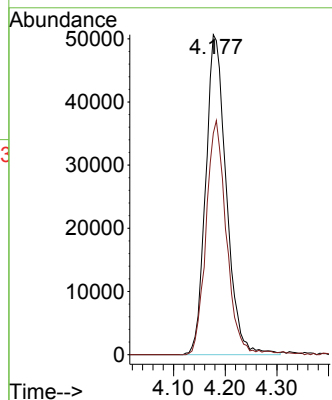
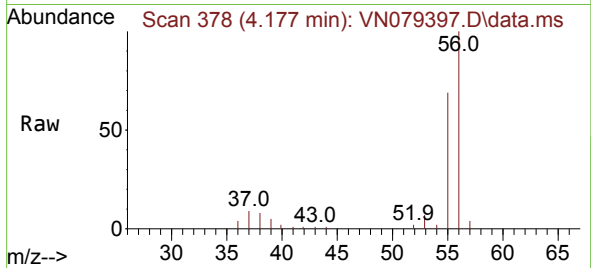
ClientSampleId :

Tgt Ion: 56 Resp: 140474

Ion Ratio Lower Upper

56 100

55 71.3 54.5 81.7



#14

Allyl chloride

Concen: 59.106 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.006 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

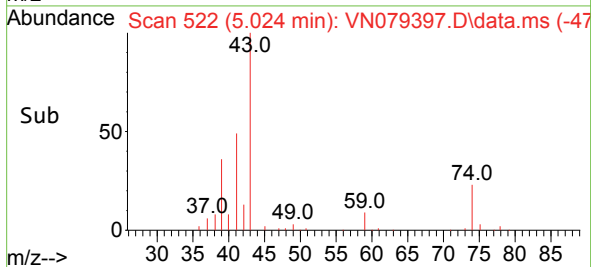
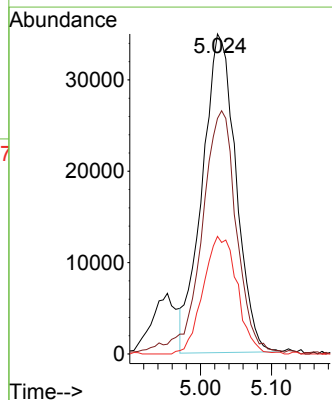
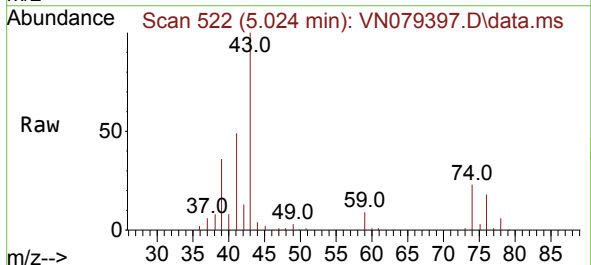
Tgt Ion: 41 Resp: 114768

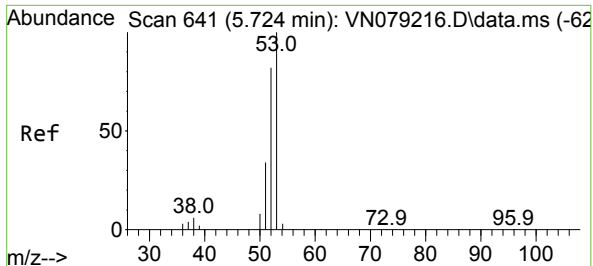
Ion Ratio Lower Upper

41 100

39 79.5 58.8 88.2

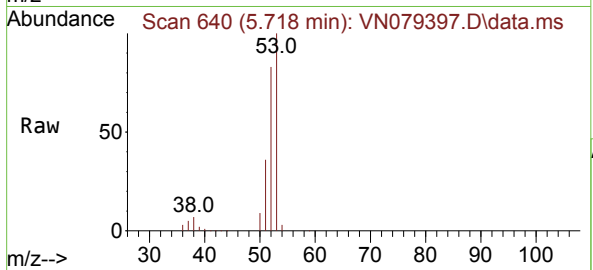
76 37.5 39.1 58.7#



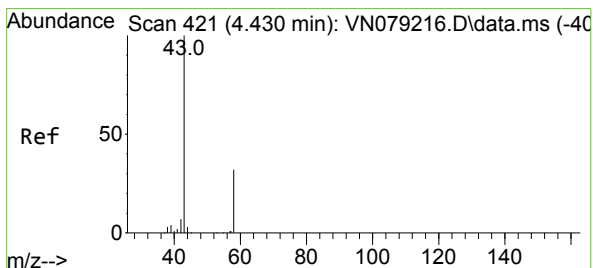
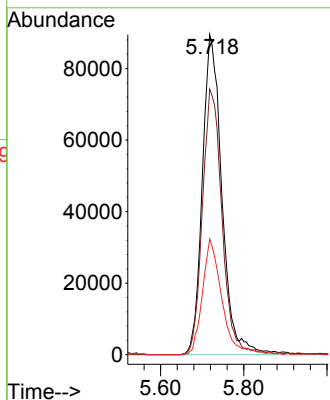
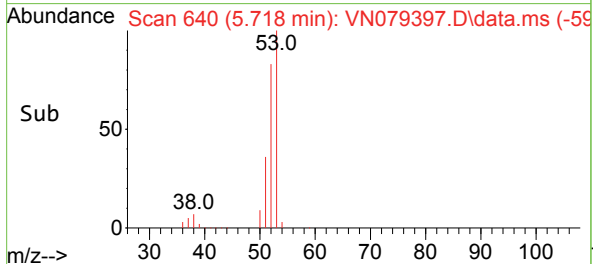


#15
Acrylonitrile
Concen: 396.366 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.012 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Instrument :
MSVOA_N
ClientSampleId :

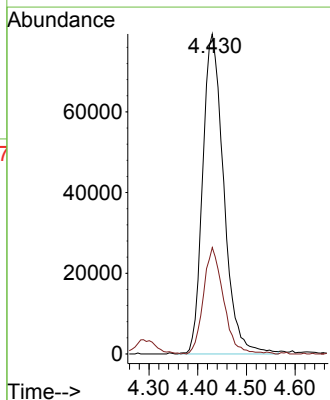
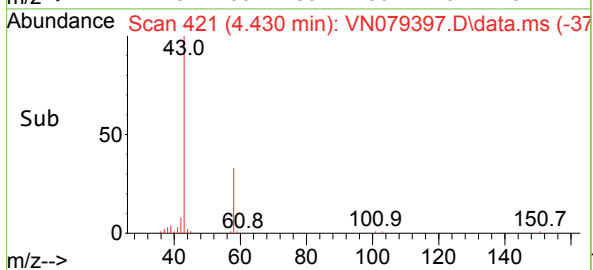
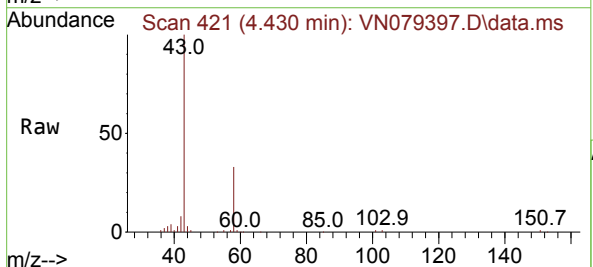


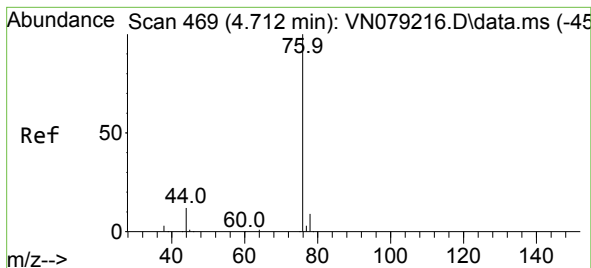
Tgt Ion: 53 Resp: 292326
Ion Ratio Lower Upper
53 100
52 83.1 65.3 97.9
51 35.7 28.9 43.3



#16
Acetone
Concen: 364.216 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion: 43 Resp: 238308
Ion Ratio Lower Upper
43 100
58 33.3 28.0 42.0





#17

Carbon Disulfide

Concen: 34.854 ug/l

RT: 4.712 min Scan# 4

Delta R.T. -0.012 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

Instrument :

MSVOA_N

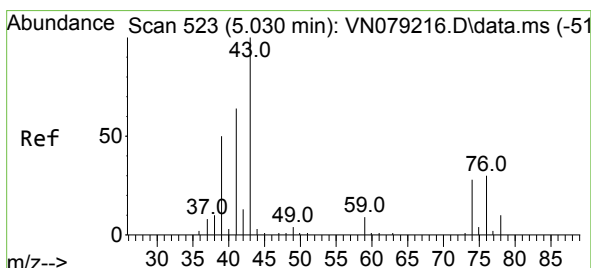
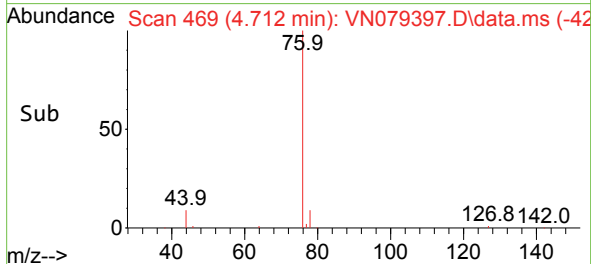
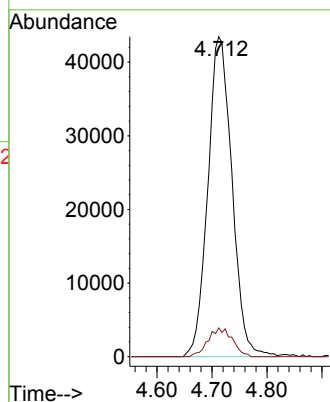
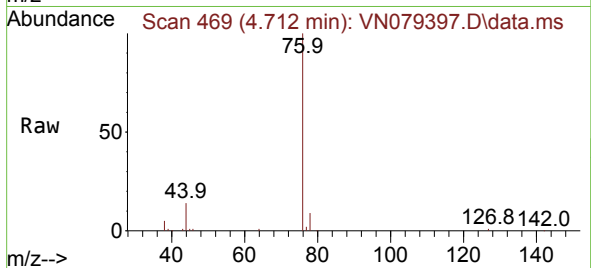
ClientSampleId :

Tgt Ion: 76 Resp: 132595

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



#18

Methyl Acetate

Concen: 86.196 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.018 min

Lab File: VN079397.D

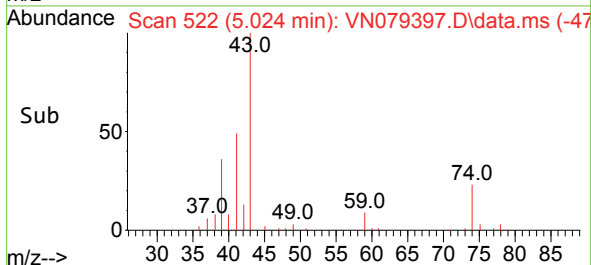
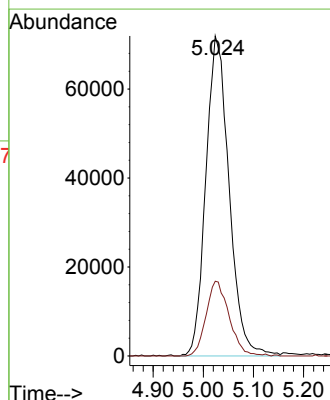
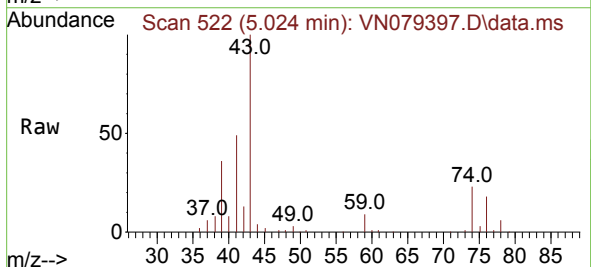
Acq: 30 Sep 2023 19:22

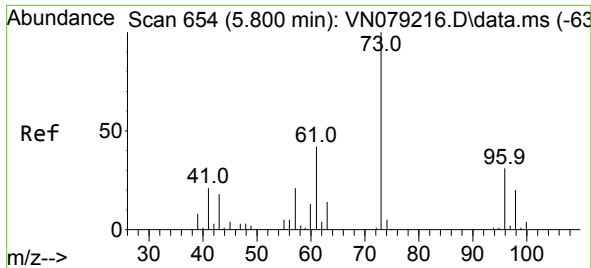
Tgt Ion: 43 Resp: 231790

Ion Ratio Lower Upper

43 100

74 23.2 26.2 39.4#

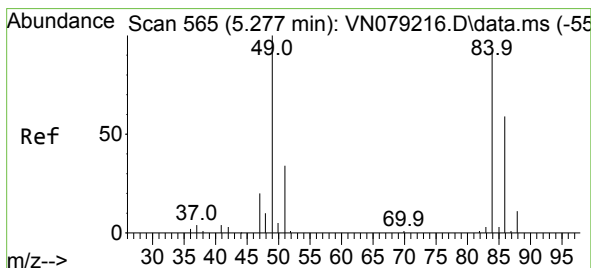
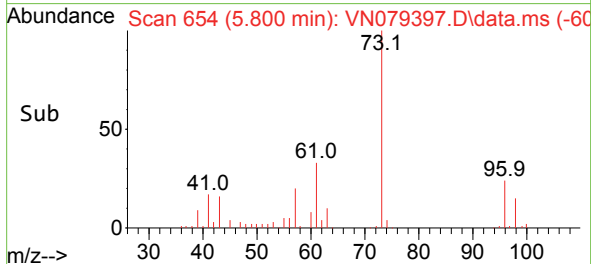
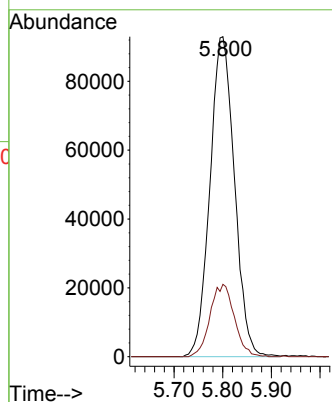
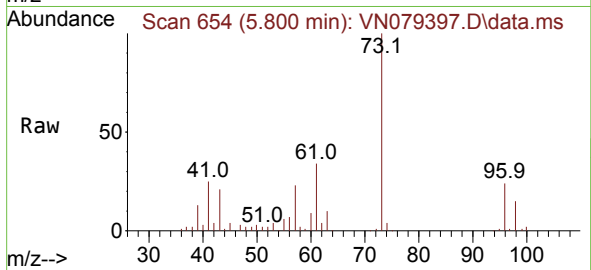




#19
Methyl tert-butyl Ether
Concen: 77.798 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

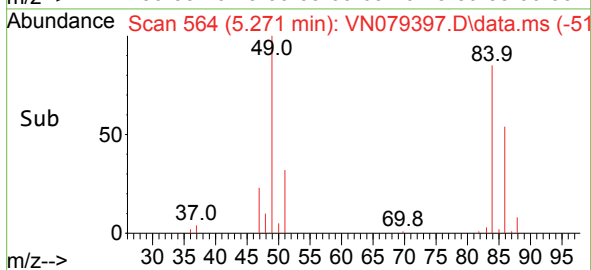
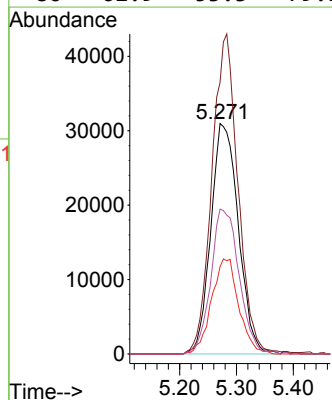
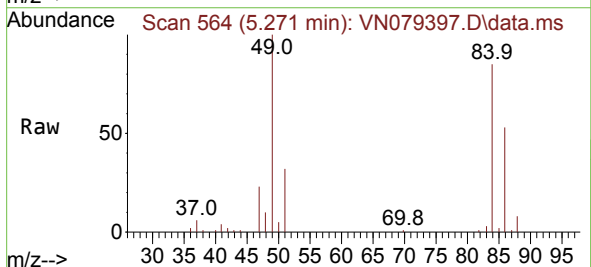
Instrument :
MSVOA_N
ClientSampleId :

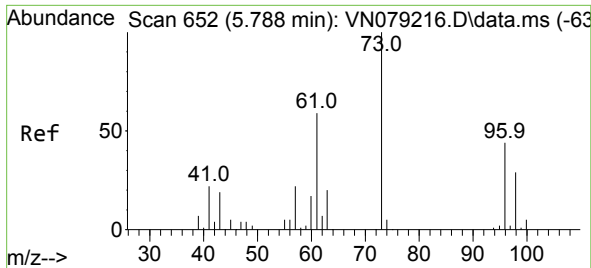
Tgt Ion: 73 Resp: 324775
Ion Ratio Lower Upper
73 100
57 22.6 15.6 23.4



#20
Methylene Chloride
Concen: 65.348 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion: 84 Resp: 104050
Ion Ratio Lower Upper
84 100
49 117.9 79.7 119.5
51 37.9 25.2 37.8#
86 62.9 53.3 79.9

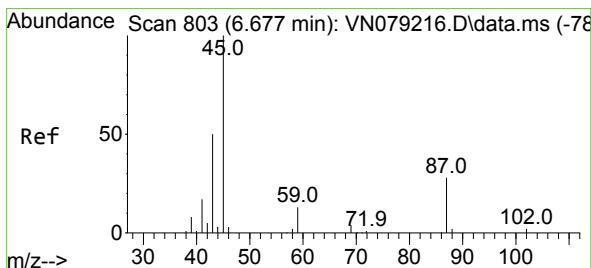
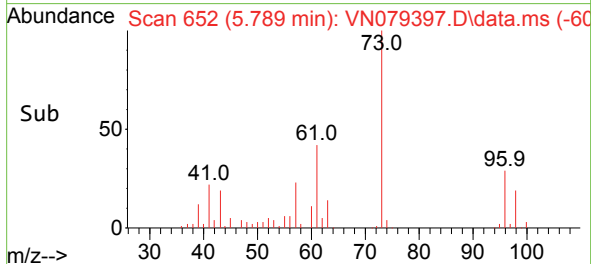
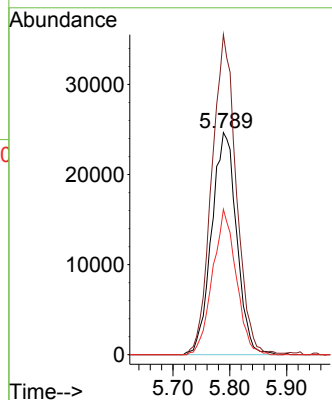
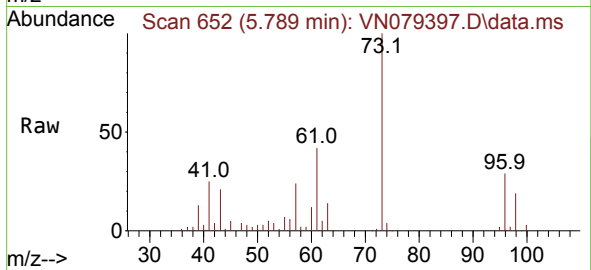




#21
trans-1,2-Dichloroethene
Concen: 53.376 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

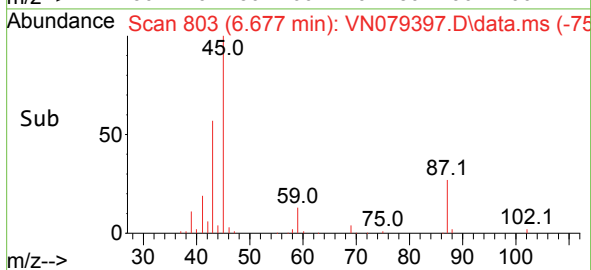
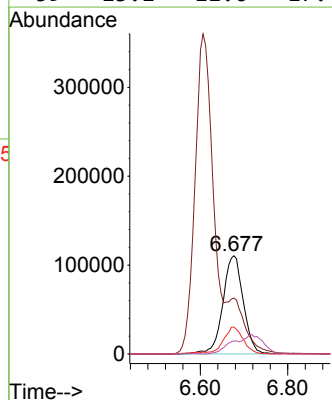
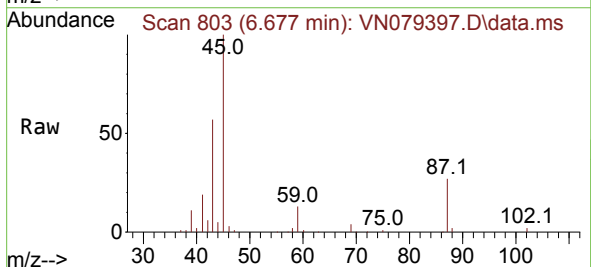
Instrument :
MSVOA_N
ClientSampleId :

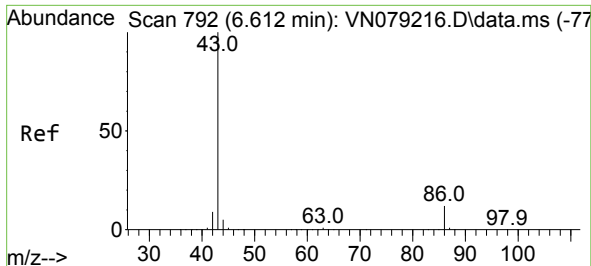
Tgt Ion: 96 Resp: 75368
Ion Ratio Lower Upper
96 100
61 144.1 90.1 135.1#
98 65.4 46.4 69.6



#22
Diisopropyl ether
Concen: 83.901 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion: 45 Resp: 357452
Ion Ratio Lower Upper
45 100
43 55.8 45.5 68.3
87 27.3 31.8 47.8#
59 13.1 11.6 17.4

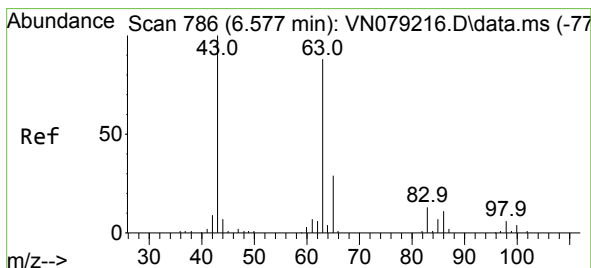
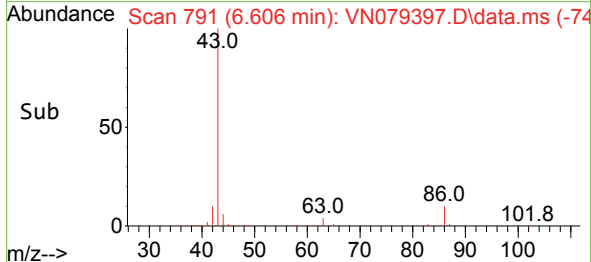
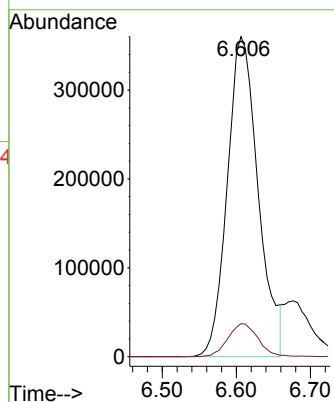
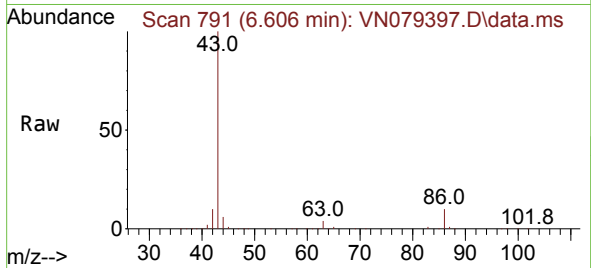




#23
 Vinyl Acetate
 Concen: 398.806 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079397.D
 Acq: 30 Sep 2023 19:22

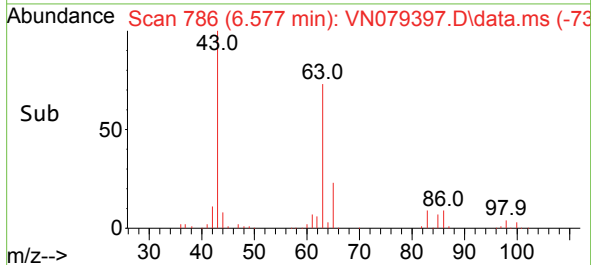
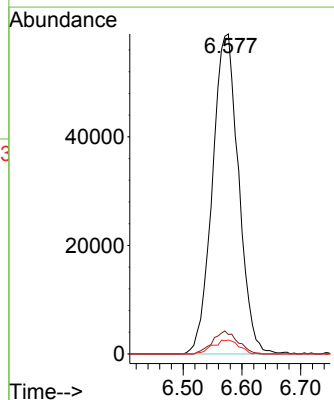
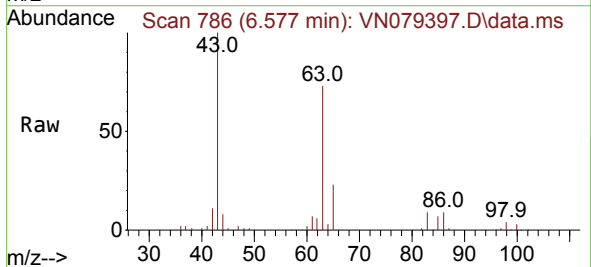
Instrument :
 MSVOA_N
 ClientSampleId :

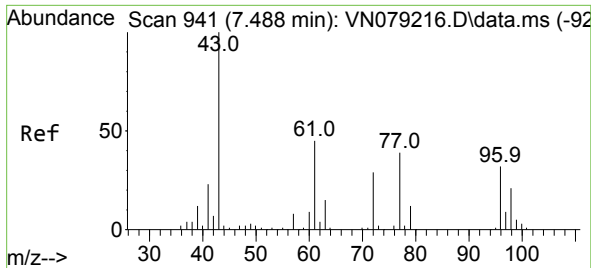
Tgt Ion: 43 Resp: 1045069
 Ion Ratio Lower Upper
 43 100
 86 10.3 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 69.483 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079397.D
 Acq: 30 Sep 2023 19:22

Tgt Ion: 63 Resp: 182486
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.9 11.7
 100 4.4 2.5 7.4

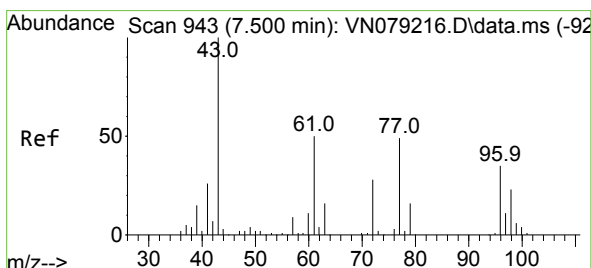
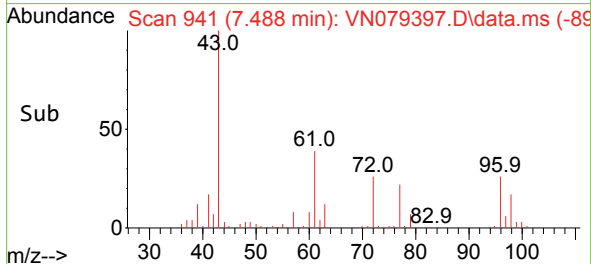
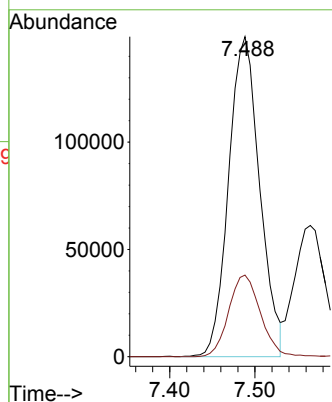
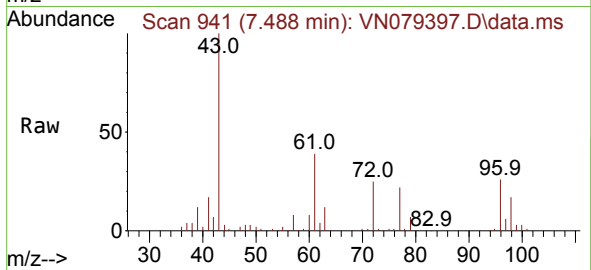




#25
2-Butanone
Concen: 398.089 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

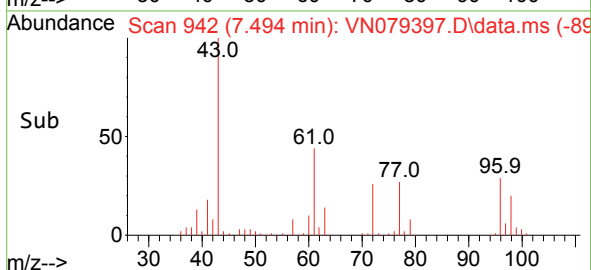
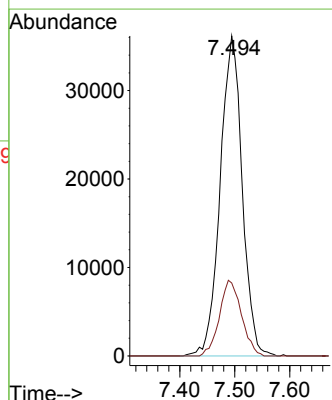
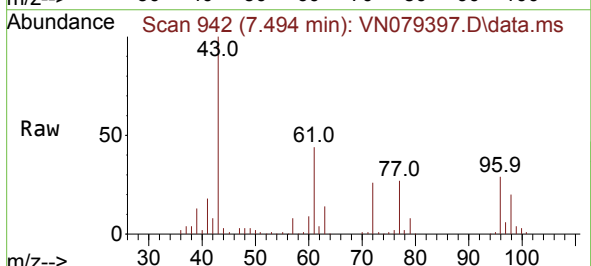
Instrument :
MSVOA_N
ClientSampleId :

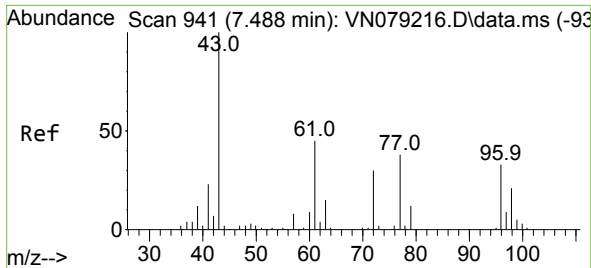
Tgt Ion: 43 Resp: 377924
Ion Ratio Lower Upper
43 100
72 25.5 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 46.677 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

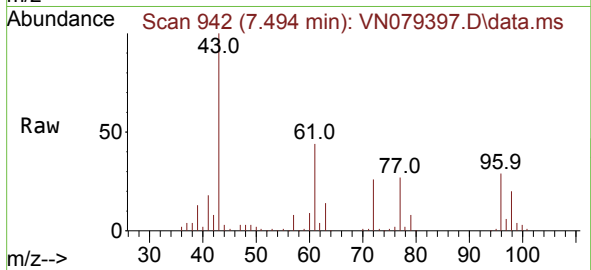
Tgt Ion: 77 Resp: 100599
Ion Ratio Lower Upper
77 100
97 23.7 11.2 33.6



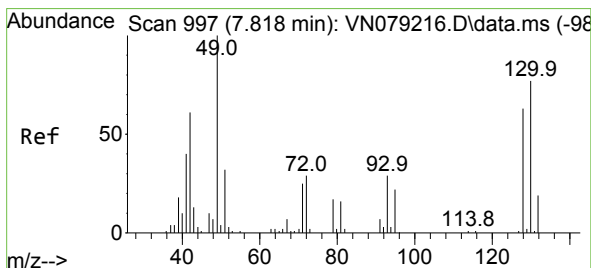
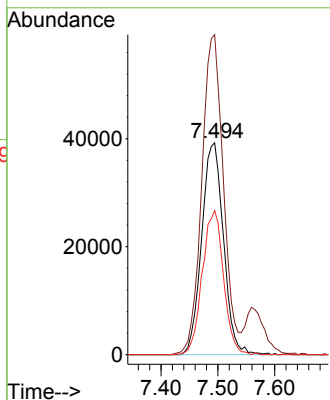
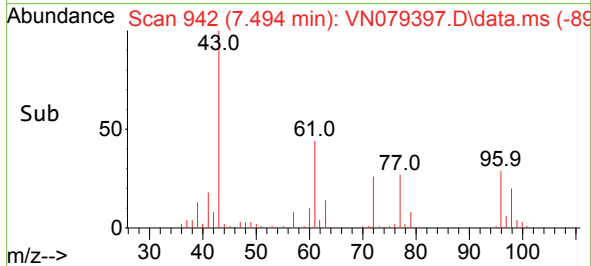


#27
cis-1,2-Dichloroethene
Concen: 64.848 ug/l
RT: 7.494 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Instrument :
MSVOA_N
ClientSampleId :

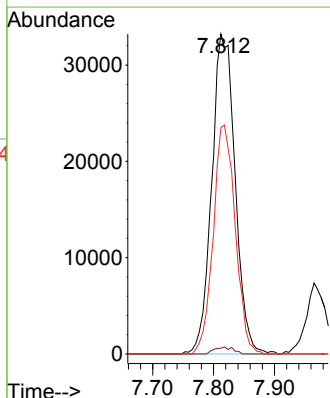
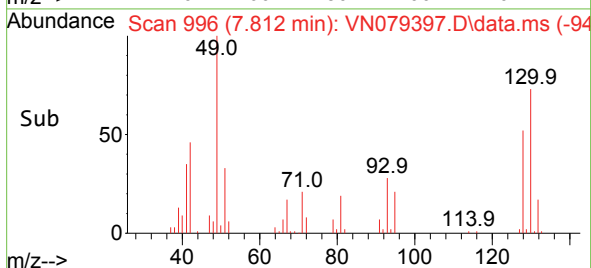
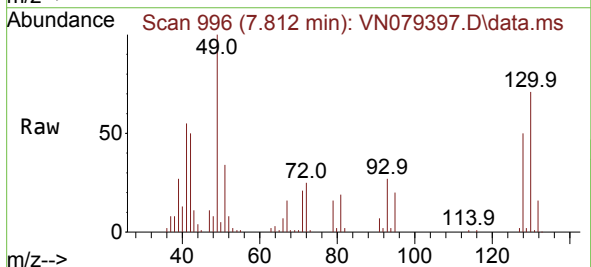


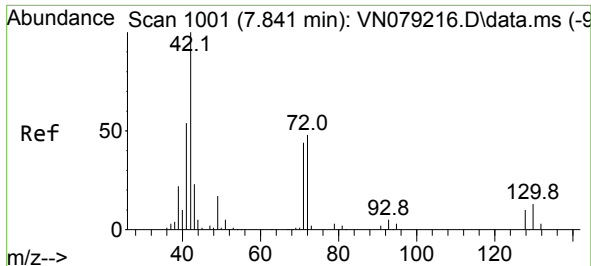
Tgt Ion: 96 Resp: 104702
Ion Ratio Lower Upper
96 100
61 149.6 0.0 255.2
98 66.1 0.0 128.8



#28
Bromochloromethane
Concen: 74.597 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion: 49 Resp: 88581
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.8
130 67.4 75.3 112.9#





#29

Tetrahydrofuran

Concen: 422.726 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

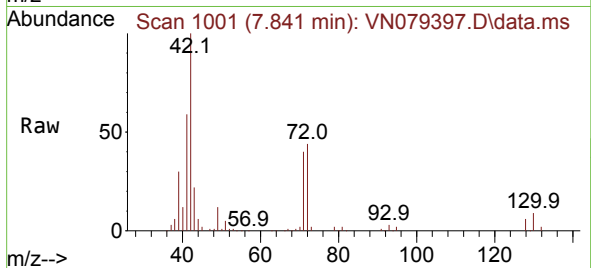
Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :



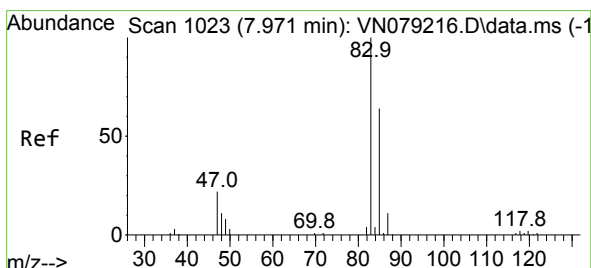
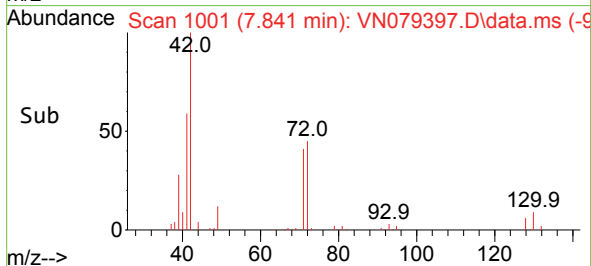
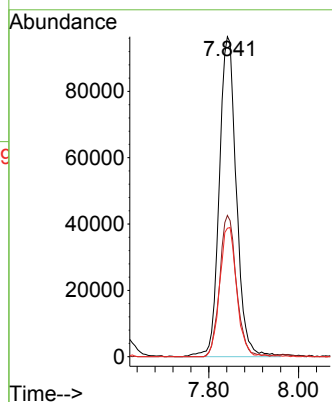
Tgt Ion: 42 Resp: 255387

Ion Ratio Lower Upper

42 100

72 43.3 49.8 74.6#

71 39.9 47.4 71.2#



#30

Chloroform

Concen: 71.610 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079397.D

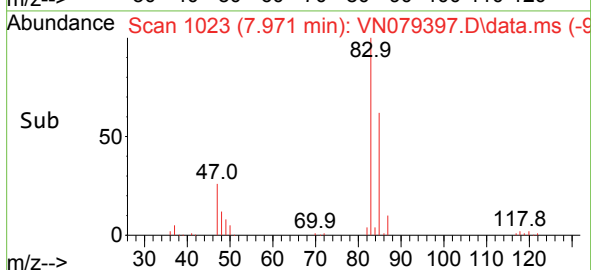
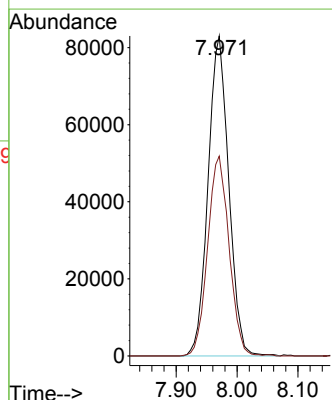
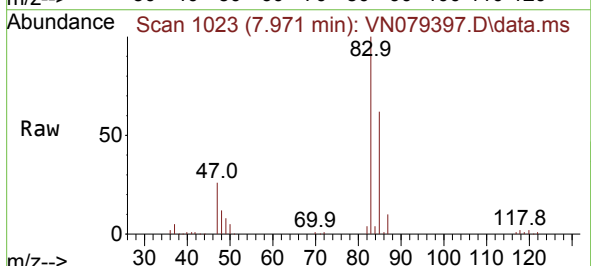
Acq: 30 Sep 2023 19:22

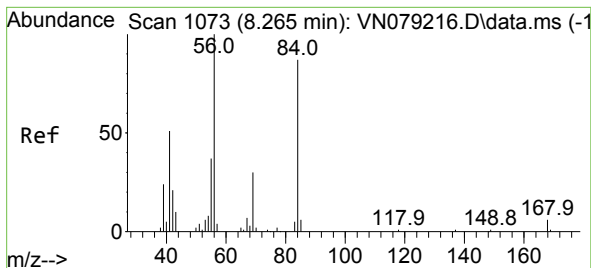
Tgt Ion: 83 Resp: 195816

Ion Ratio Lower Upper

83 100

85 62.5 55.4 83.0





#31

Cyclohexane

Concen: 32.544 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

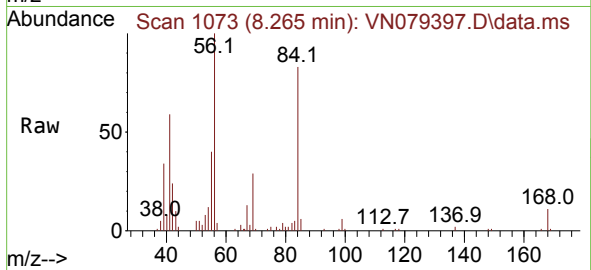
Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :



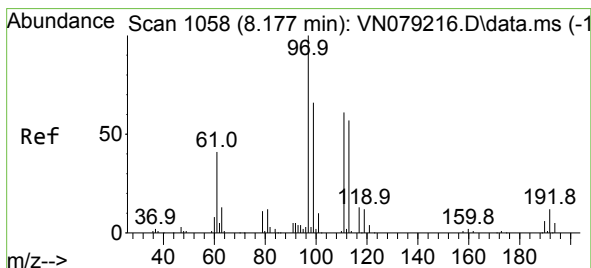
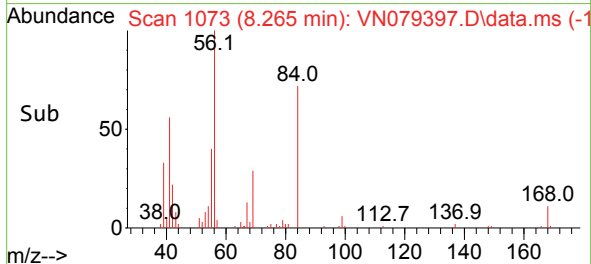
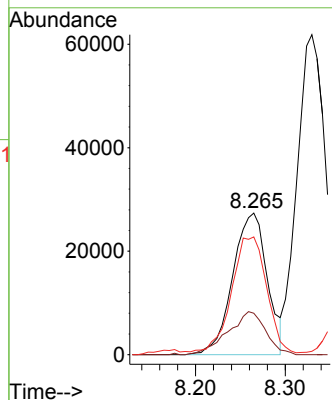
Tgt Ion: 56 Resp: 73207

Ion Ratio Lower Upper

56 100

69 29.3 26.8 40.2

84 81.3 81.8 122.6#



#32

1,1,1-Trichloroethane

Concen: 56.017 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

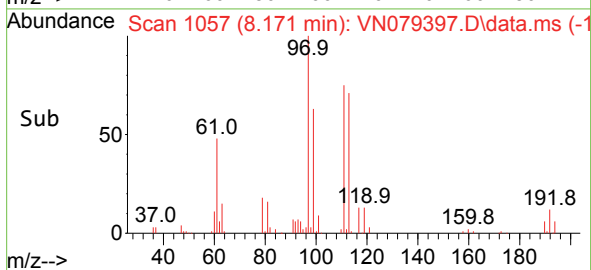
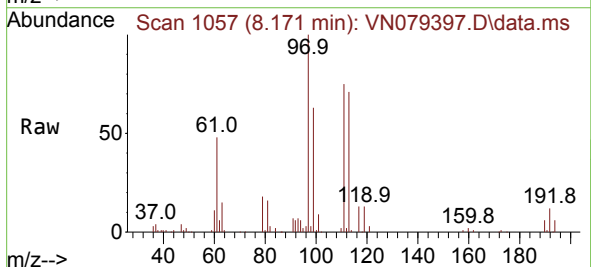
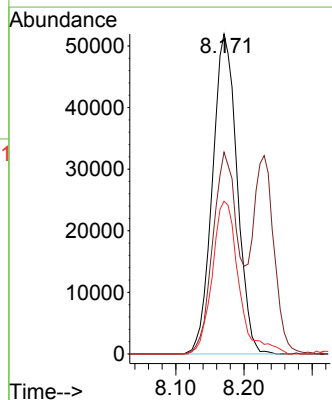
Tgt Ion: 97 Resp: 130573

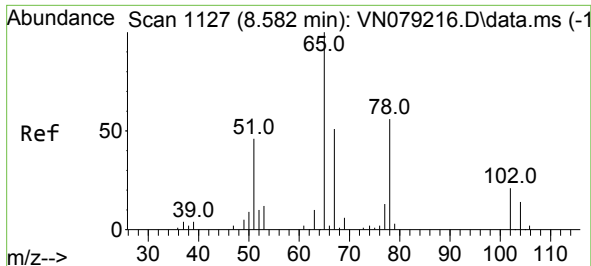
Ion Ratio Lower Upper

97 100

99 63.0 50.3 75.5

61 51.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 77.755 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

Instrument :

MSVOA_N

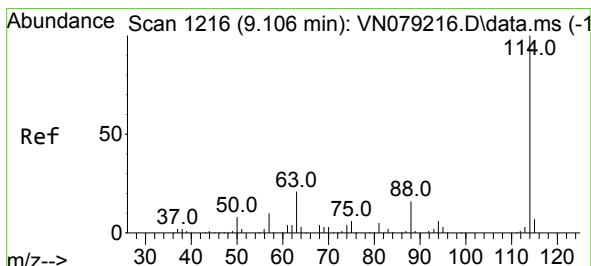
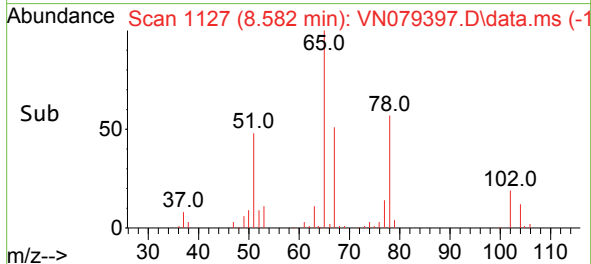
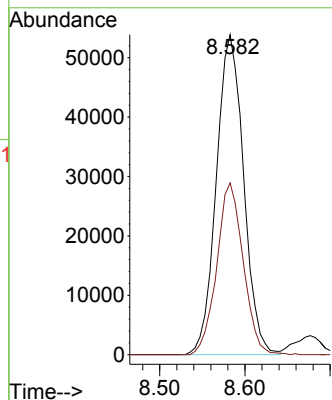
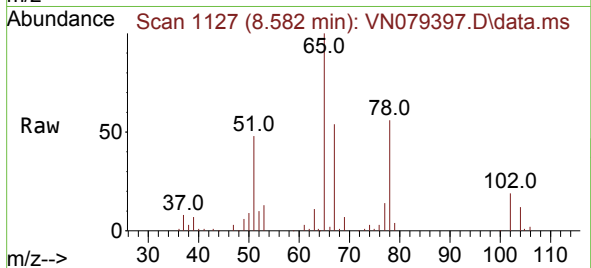
ClientSampleId :

Tgt Ion: 65 Resp: 119789

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

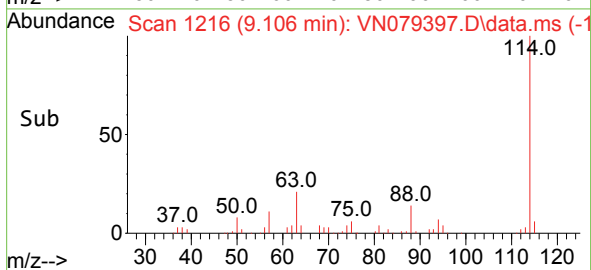
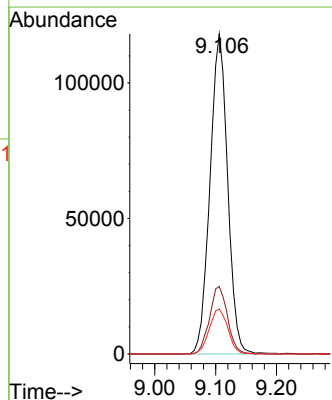
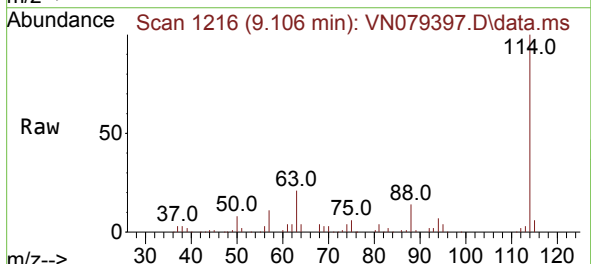
Tgt Ion: 114 Resp: 237673

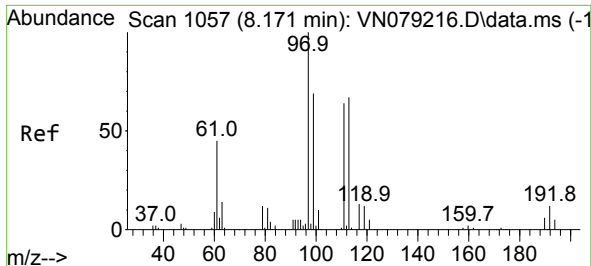
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 14.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 58.269 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

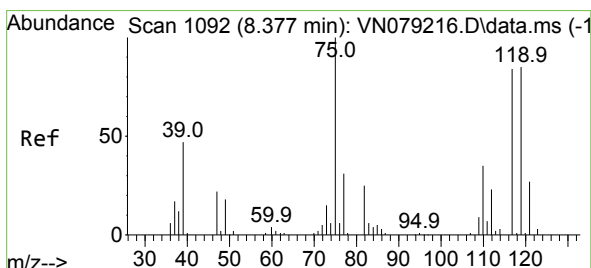
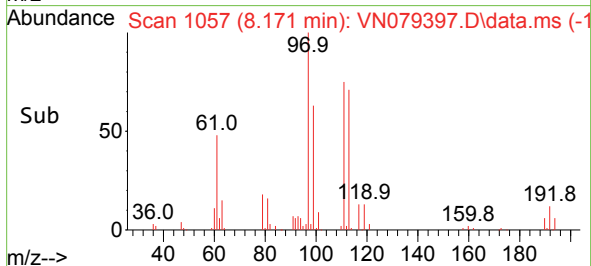
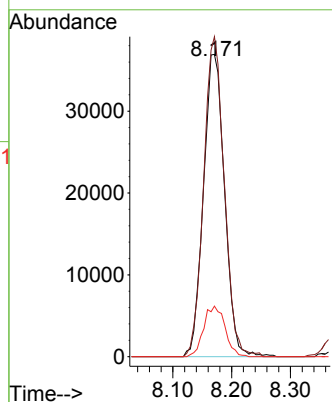
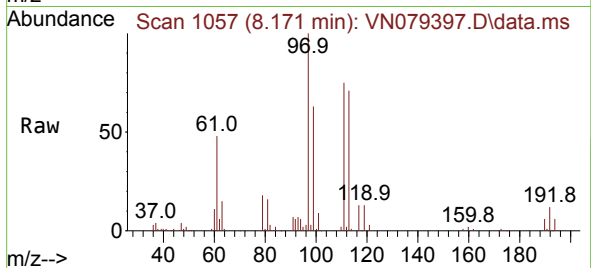
Tgt Ion:113 Resp: 92120

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 16.9 12.7 19.1



#36

1,1-Dichloropropene

Concen: 38.451 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

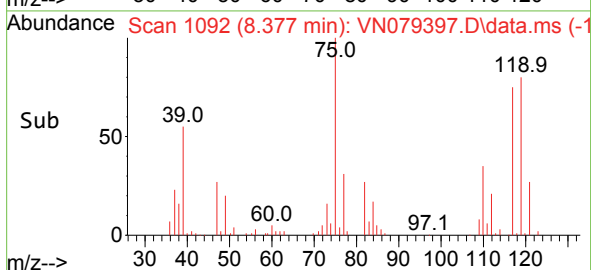
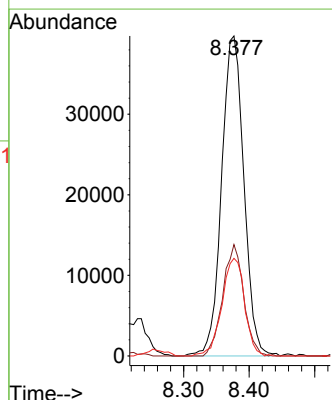
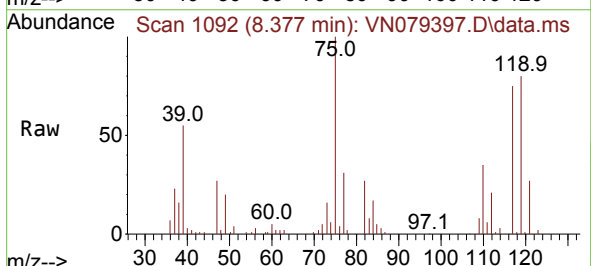
Tgt Ion: 75 Resp: 93700

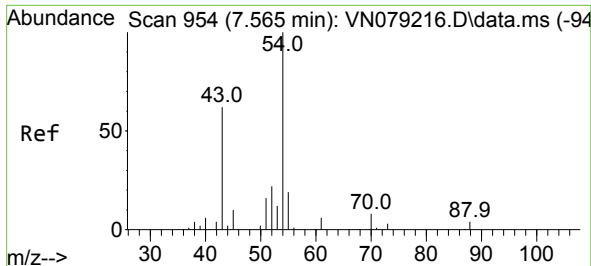
Ion Ratio Lower Upper

75 100

110 32.9 19.1 57.3

77 31.0 25.0 37.4

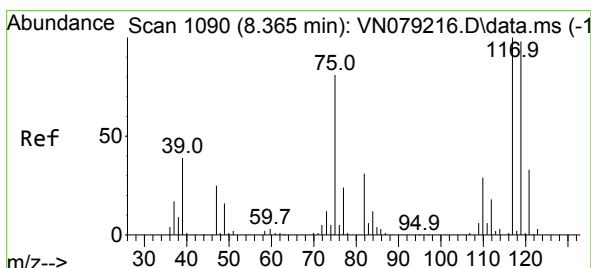
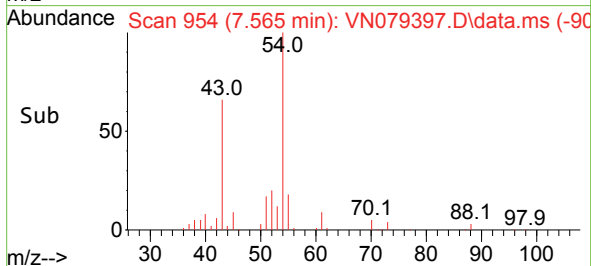
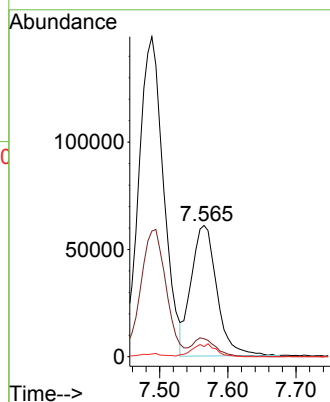
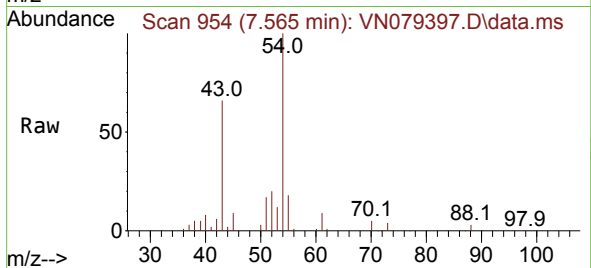




#37
Ethyl Acetate
Concen: 65.444 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

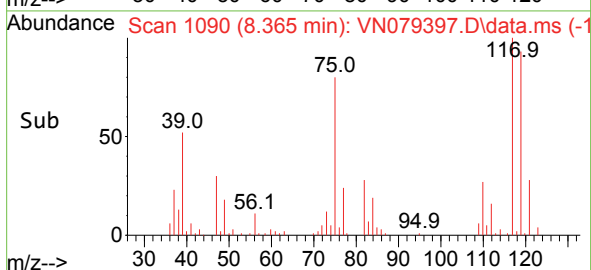
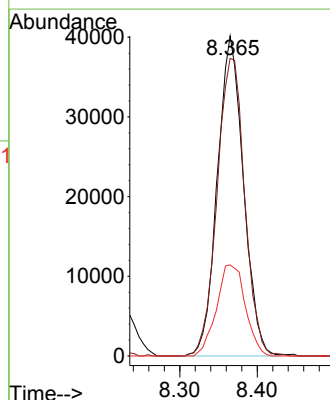
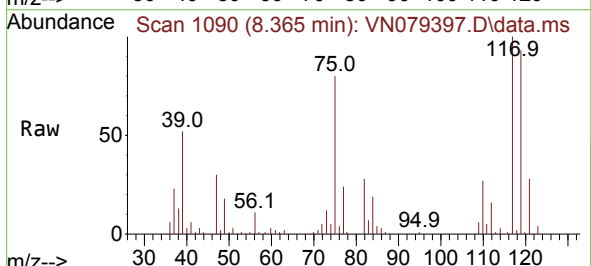
Instrument :
MSVOA_N
ClientSampleId :

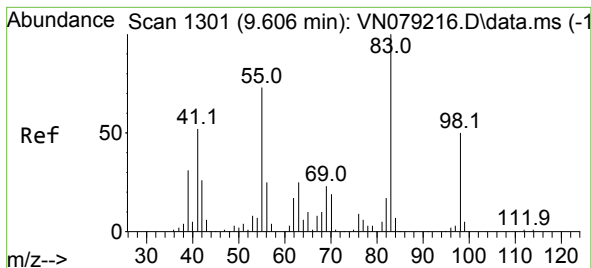
Tgt Ion: 43 Resp: 159067
Ion Ratio Lower Upper
43 100
61 12.5 13.2 19.8#
70 8.9 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 37.227 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion: 117 Resp: 93878
Ion Ratio Lower Upper
117 100
119 93.0 77.3 115.9
121 28.4 23.3 34.9





#39

Methylcyclohexane

Concen: 25.981 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

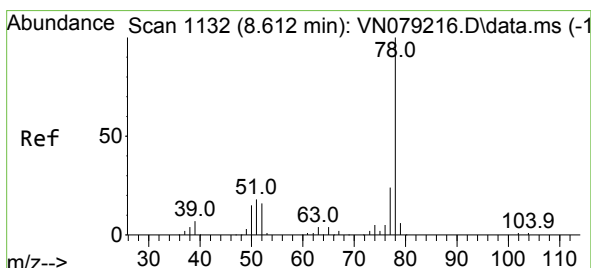
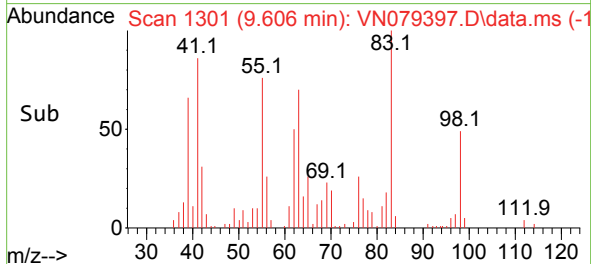
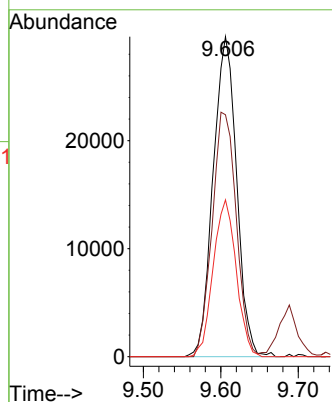
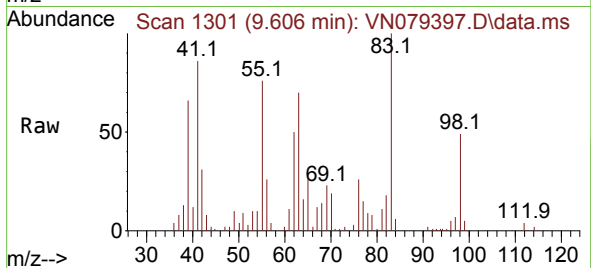
Tgt Ion: 83 Resp: 62450

Ion Ratio Lower Upper

83 100

55 75.6 49.1 73.7#

98 49.0 40.6 61.0



#40

Benzene

Concen: 50.709 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079397.D

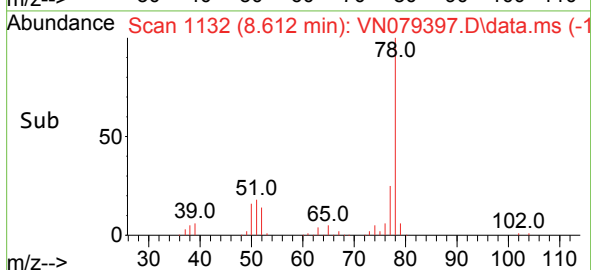
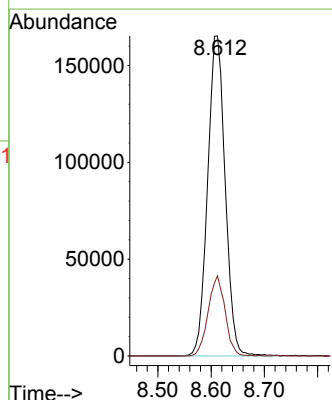
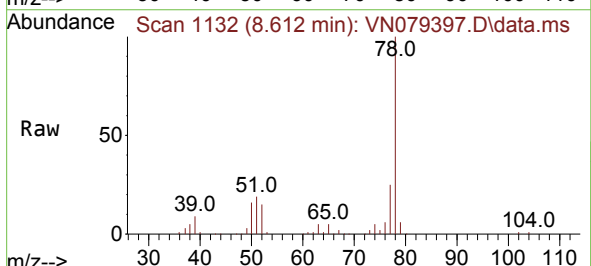
Acq: 30 Sep 2023 19:22

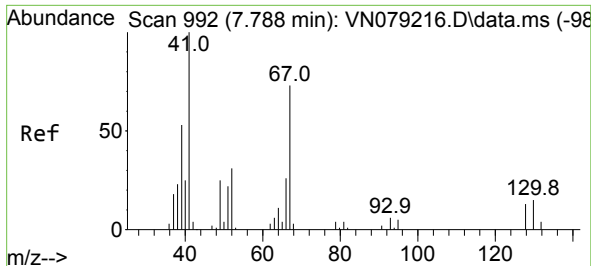
Tgt Ion: 78 Resp: 378281

Ion Ratio Lower Upper

78 100

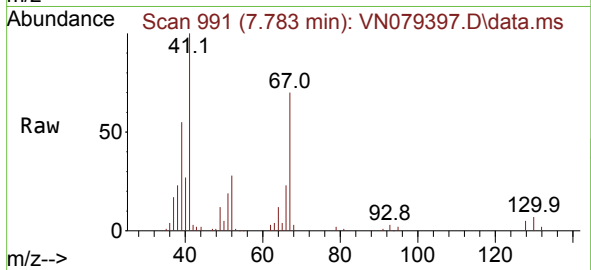
77 25.1 19.0 28.6



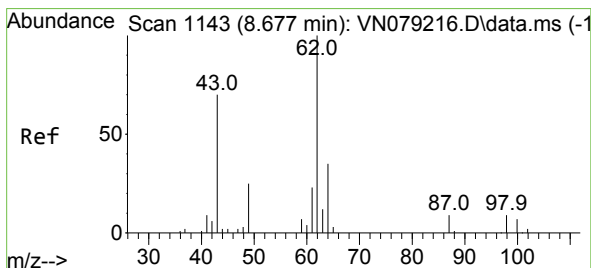
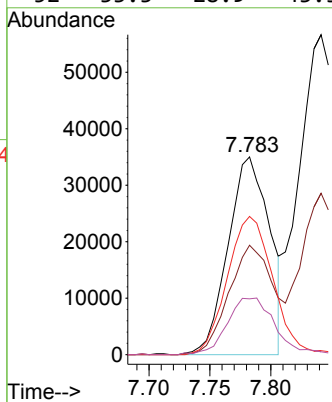
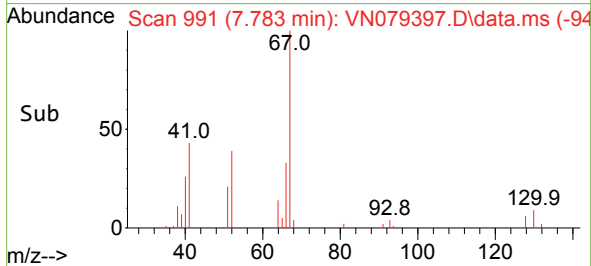


#41
Methacrylonitrile
Concen: 67.757 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Instrument :
MSVOA_N
ClientSampleId :

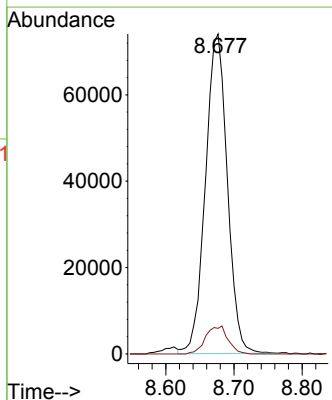
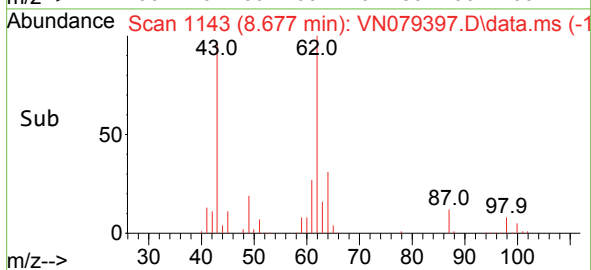
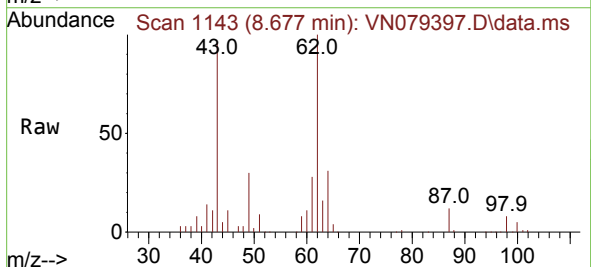


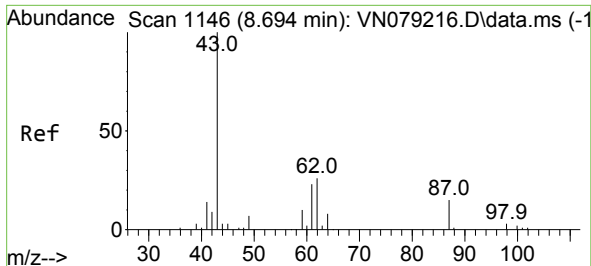
Tgt Ion:	41	Resp:	83037
Ion	Ratio	Lower	Upper
41	100		
39	60.2	42.6	64.0
67	76.7	77.5	116.3
52	33.3	28.9	43.3



#42
1,2-Dichloroethane
Concen: 64.384 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion:	62	Resp:	165345
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.8

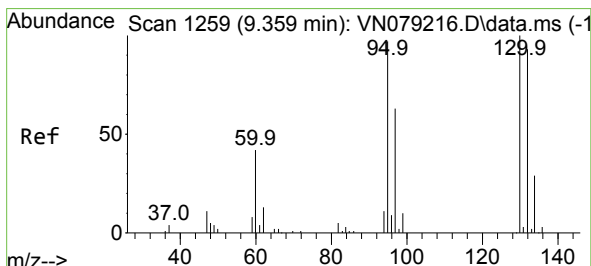
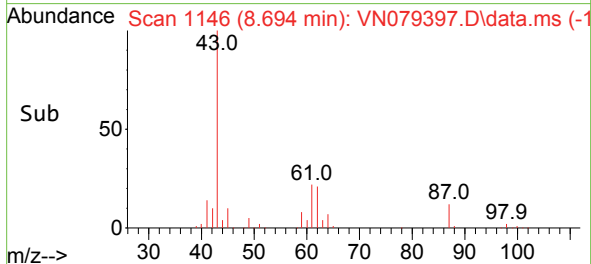
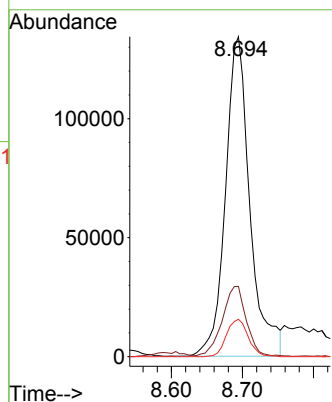
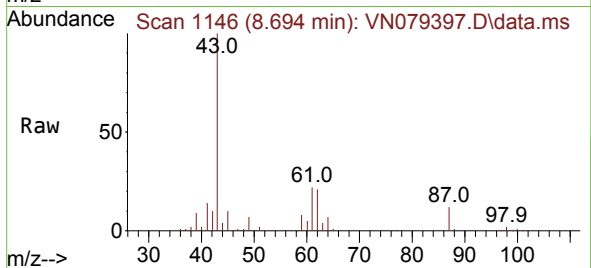




#43
Isopropyl Acetate
Concen: 81.054 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

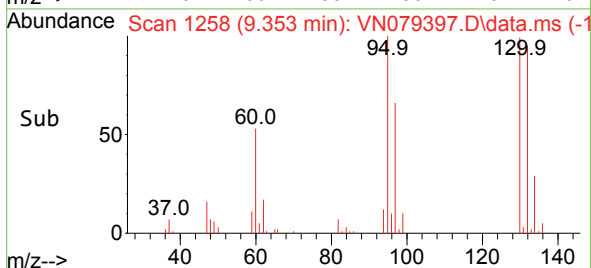
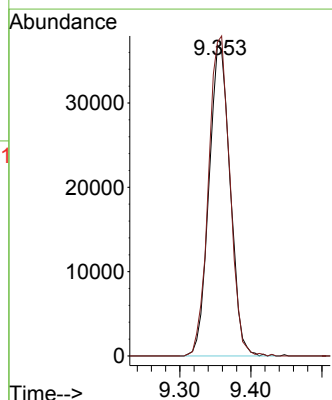
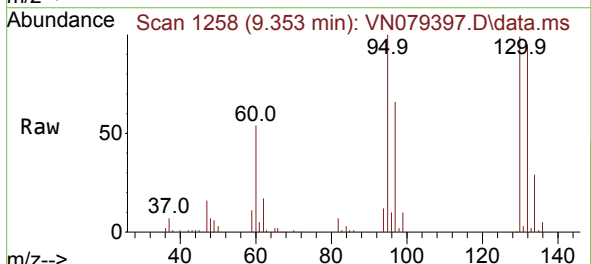
Instrument :
MSVOA_N
ClientSampleId :

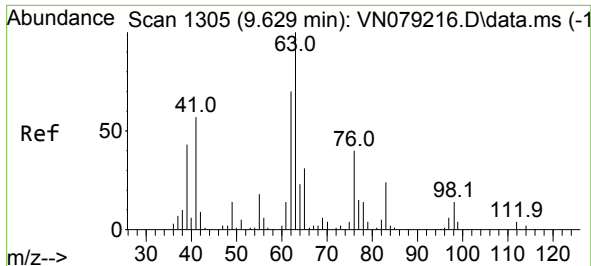
Tgt Ion: 43 Resp: 321455
Ion Ratio Lower Upper
43 100
61 21.5 24.7 37.1#
87 10.4 14.6 21.8#



#44
Trichloroethene
Concen: 41.484 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion:130 Resp: 76234
Ion Ratio Lower Upper
130 100
95 101.0 0.0 204.6

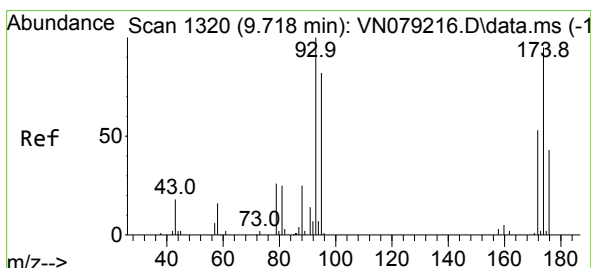
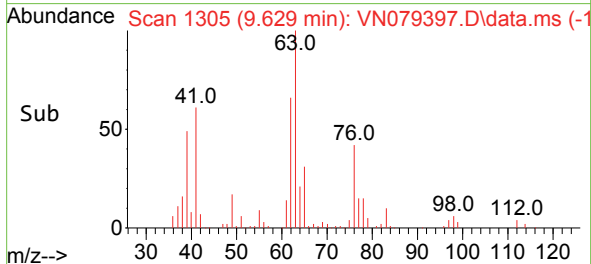
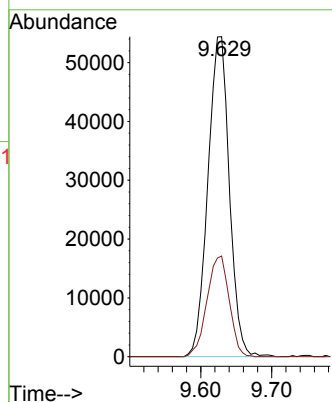
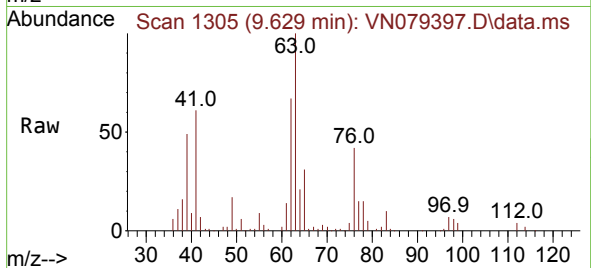




#45
1,2-Dichloropropane
Concen: 61.735 ug/l
RT: 9.629 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

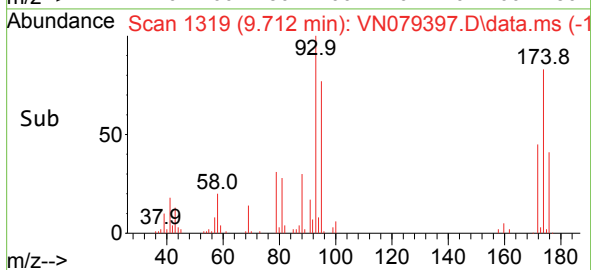
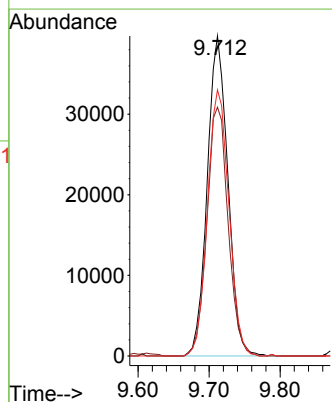
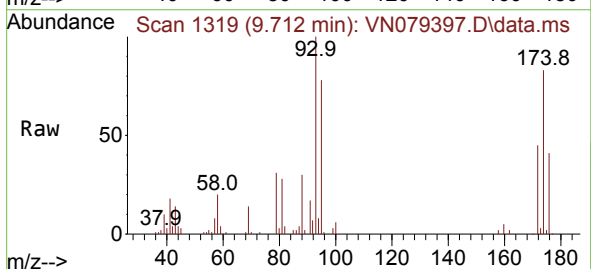
Instrument :
MSVOA_N
ClientSampleId :

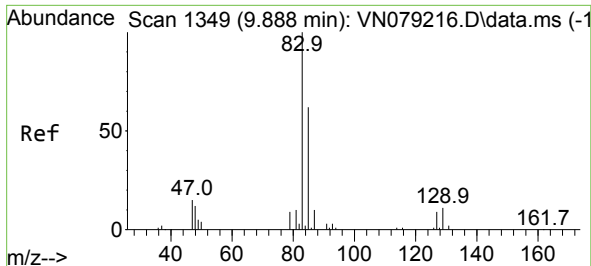
Tgt Ion: 63 Resp: 114293
Ion Ratio Lower Upper
63 100
65 31.5 23.9 35.9



#46
Dibromomethane
Concen: 63.625 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion: 93 Resp: 79963
Ion Ratio Lower Upper
93 100
95 80.2 63.8 95.8
174 86.4 65.6 98.4





#47

Bromodichloromethane

Concen: 63.478 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.006 min

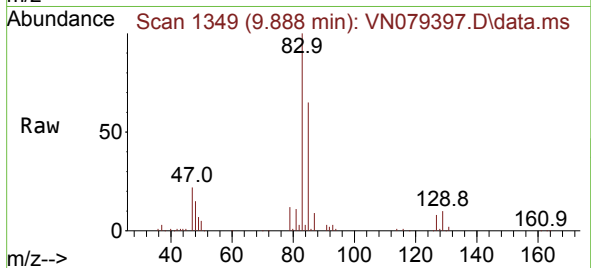
Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

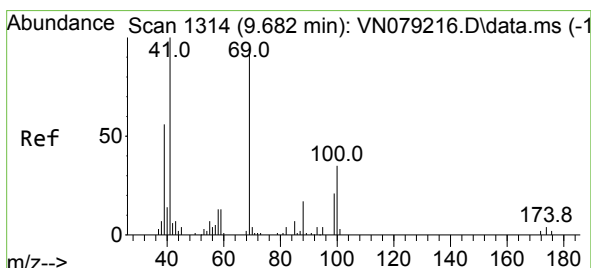
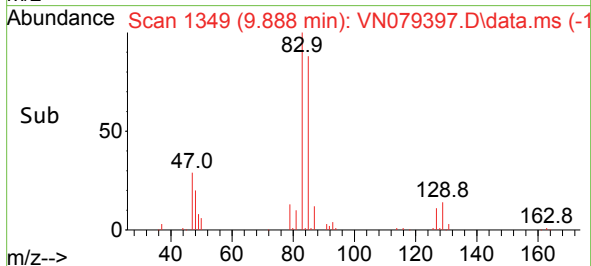
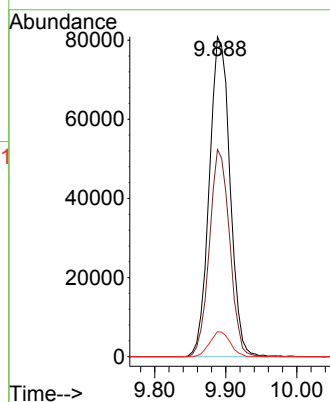
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	83	Resp:	163404
Ion	Ratio	Lower	Upper
83	100		
85	64.8	49.6	74.4
127	7.8	7.0	10.6



#48

Methyl methacrylate

Concen: 68.208 ug/l

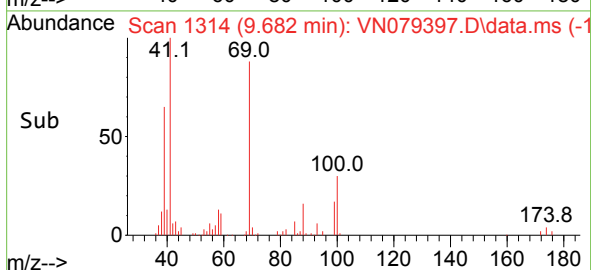
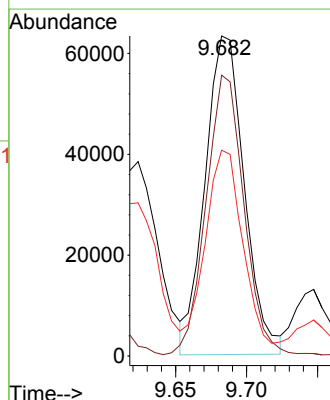
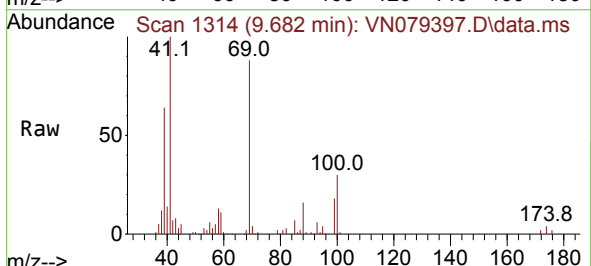
RT: 9.682 min Scan# 1314

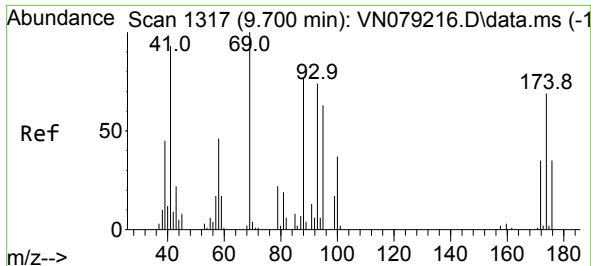
Delta R.T. -0.006 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

Tgt Ion:	41	Resp:	121166
Ion	Ratio	Lower	Upper
41	100		
69	85.2	90.4	135.6
39	63.1	54.6	81.8

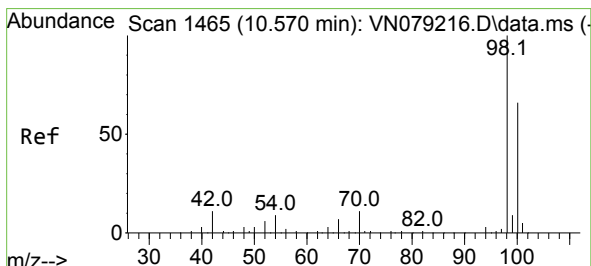
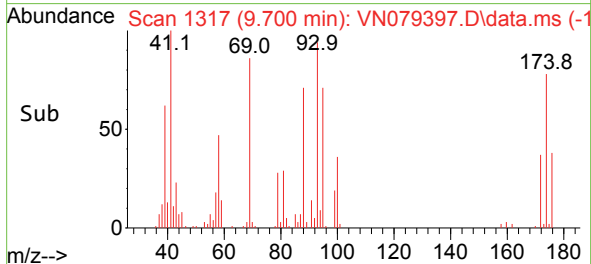
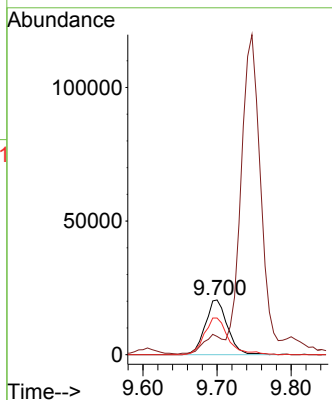
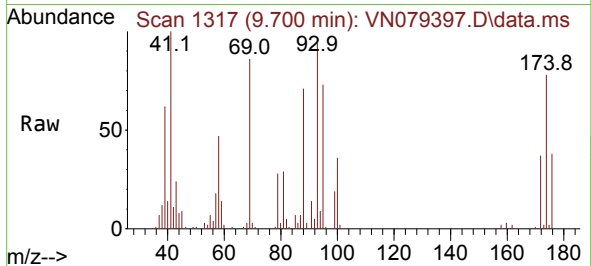




#49
1,4-Dioxane
Concen: 1166.192 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

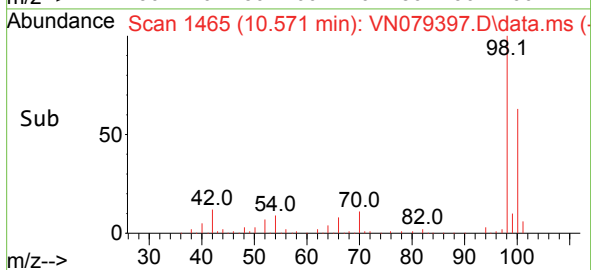
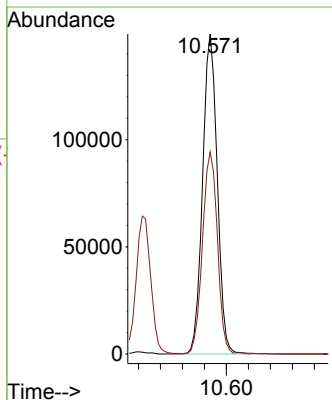
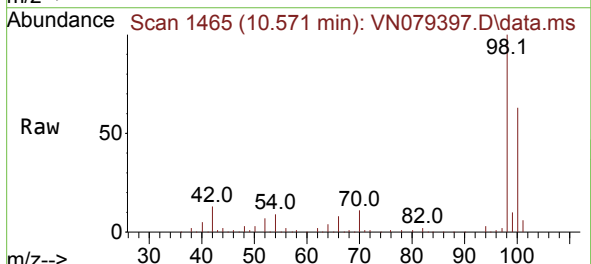
Instrument :
MSVOA_N
ClientSampleId :

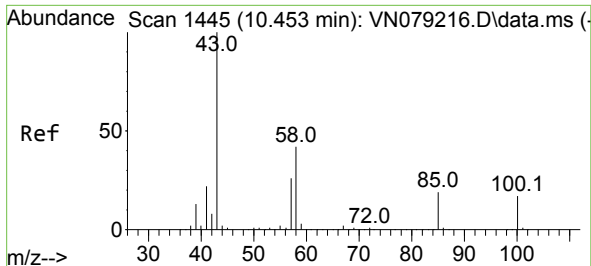
Tgt Ion: 88 Resp: 42610
Ion Ratio Lower Upper
88 100
43 32.9 17.0 25.6#
58 72.4 47.0 70.4#



#50
Toluene-d8
Concen: 47.511 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion: 98 Resp: 275801
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

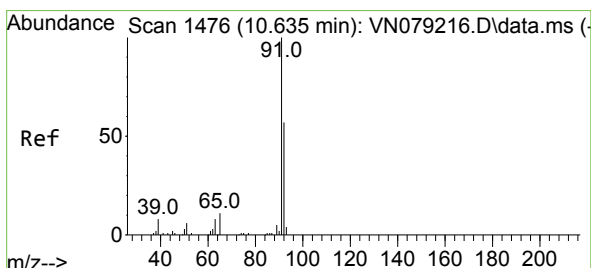
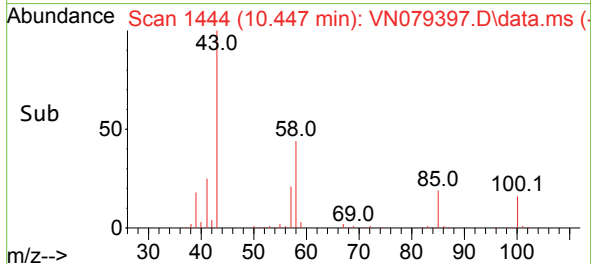
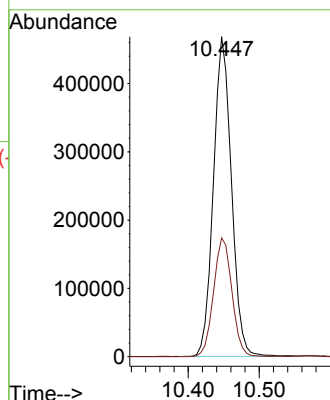
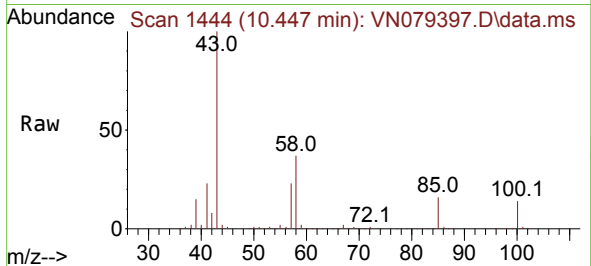




#51
4-Methyl-2-Pentanone
Concen: 357.804 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

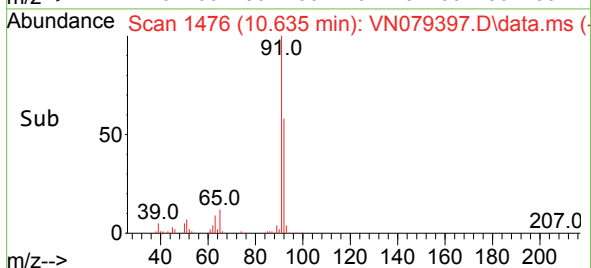
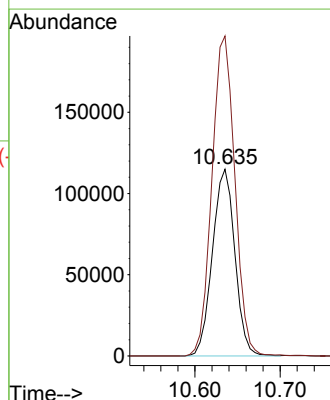
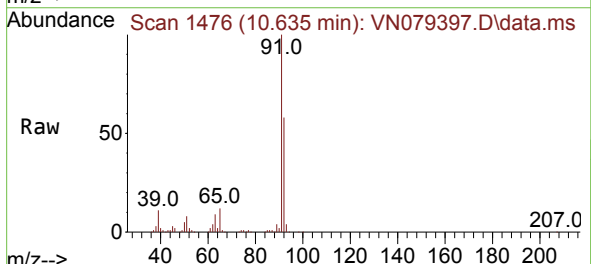
Instrument :
MSVOA_N
ClientSampleId :

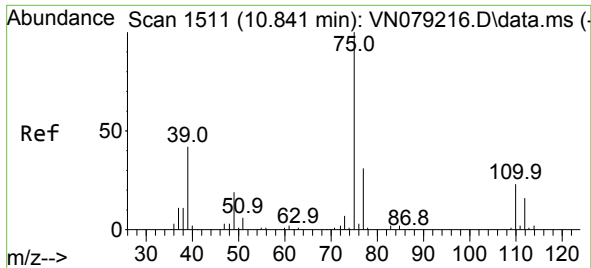
Tgt Ion: 43 Resp: 823735
Ion Ratio Lower Upper
43 100
58 38.0 36.6 54.8



#52
Toluene
Concen: 45.954 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion: 92 Resp: 210672
Ion Ratio Lower Upper
92 100
91 175.2 137.4 206.0

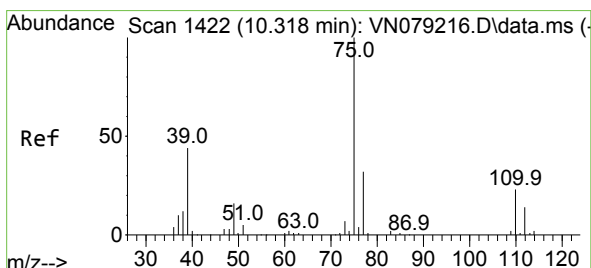
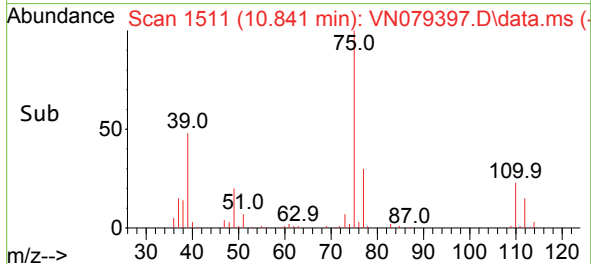
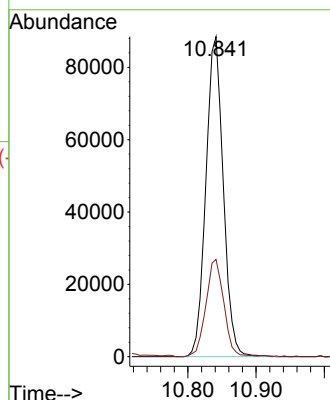
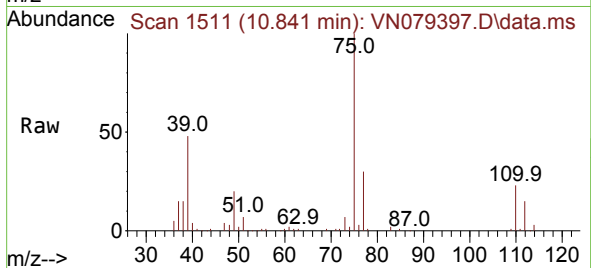




#53
 t-1,3-Dichloropropene
 Concen: 57.878 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079397.D
 Acq: 30 Sep 2023 19:22

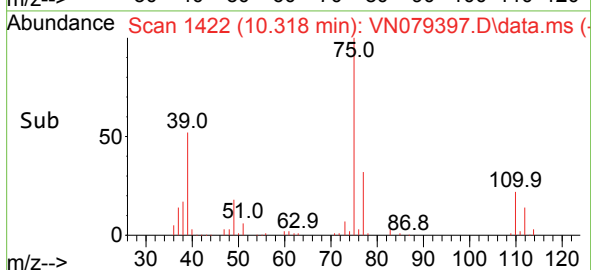
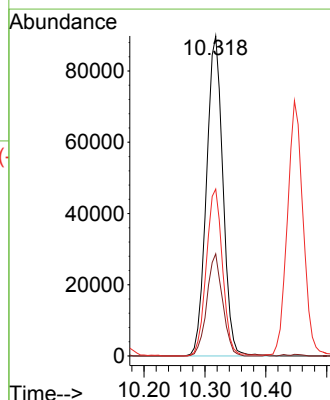
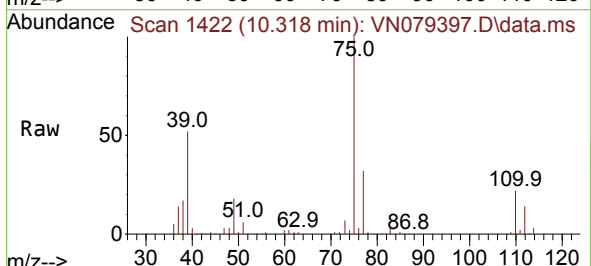
Instrument :
 MSVOA_N
 ClientSampleId :

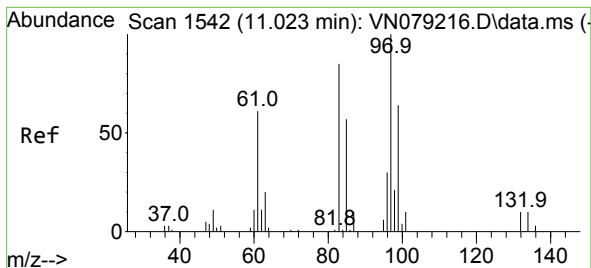
Tgt Ion: 75 Resp: 157098
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 58.090 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079397.D
 Acq: 30 Sep 2023 19:22

Tgt Ion: 75 Resp: 168643
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.1 39.1
 39 52.1 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 63.007 ug/l

RT: 11.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 113341

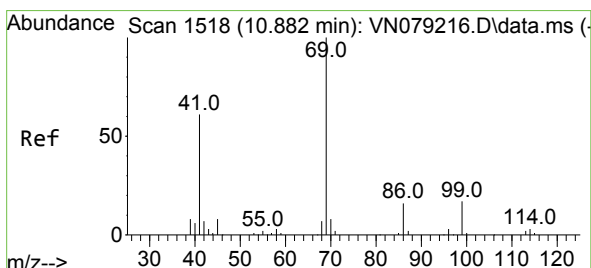
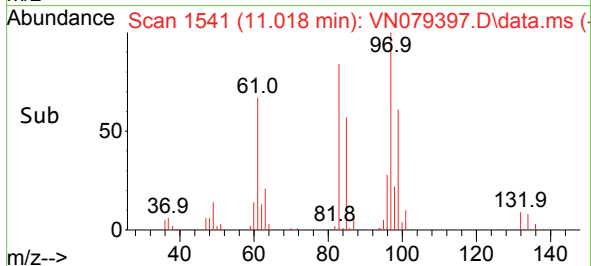
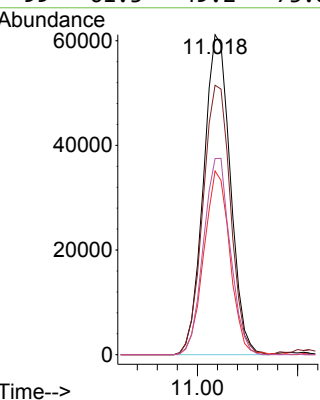
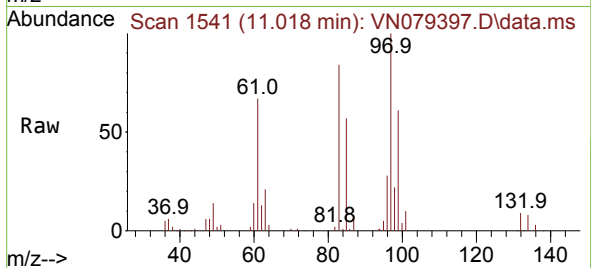
Ion Ratio Lower Upper

97 100

83 84.2 65.1 97.7

85 57.4 43.4 65.2

99 61.3 49.2 73.8



#56

Ethyl methacrylate

Concen: 65.629 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.001 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

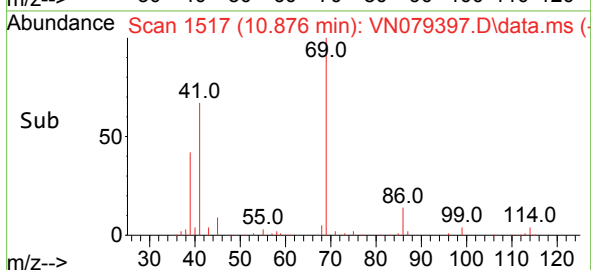
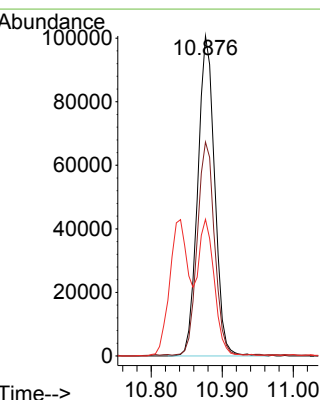
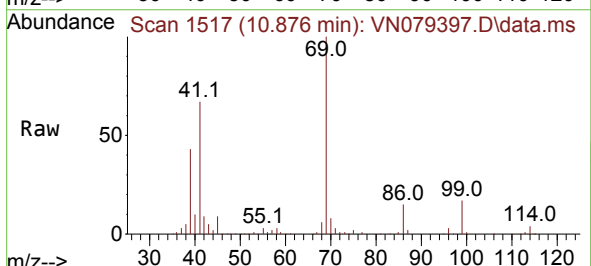
Tgt Ion: 69 Resp: 166654

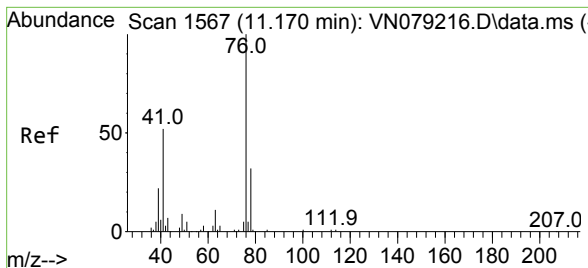
Ion Ratio Lower Upper

69 100

41 67.8 39.6 59.4#

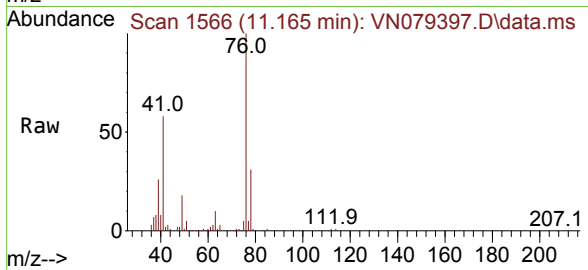
39 40.2 28.6 43.0



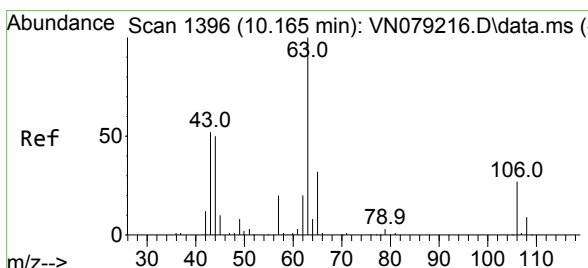
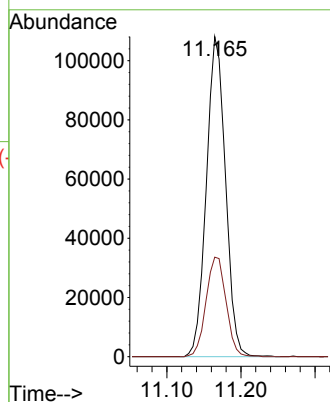
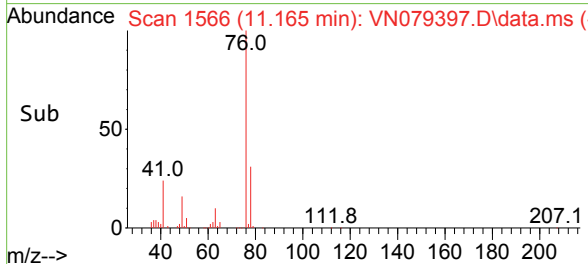


#57
1,3-Dichloropropane
Concen: 62.296 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Instrument :
MSVOA_N
ClientSampleId :

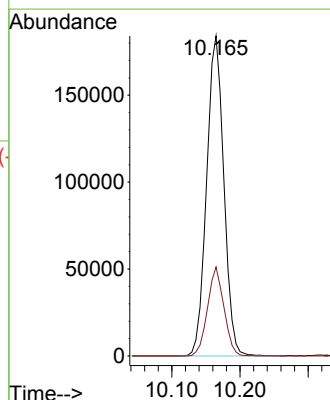
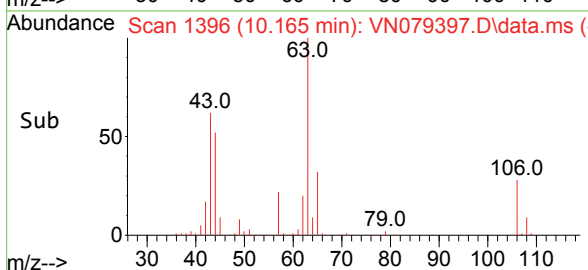
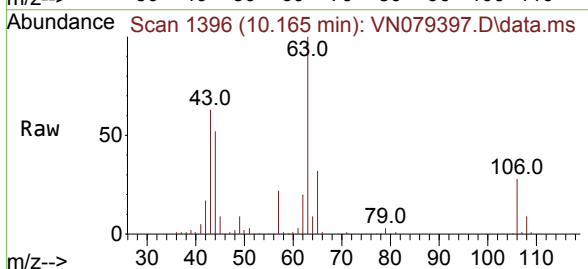


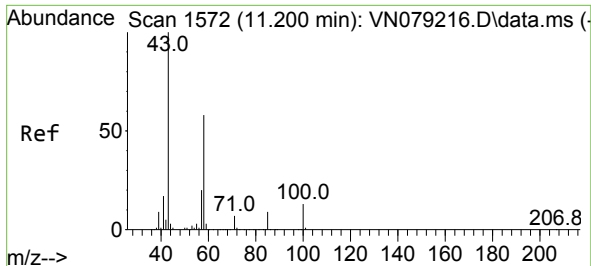
Tgt Ion: 76 Resp: 193720
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 296.269 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion: 63 Resp: 323078
Ion Ratio Lower Upper
63 100
106 26.5 26.2 39.4

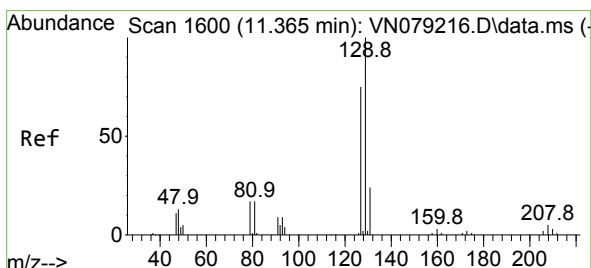
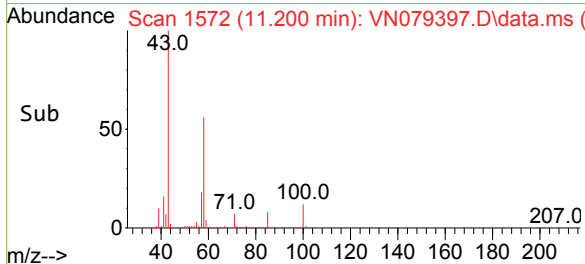
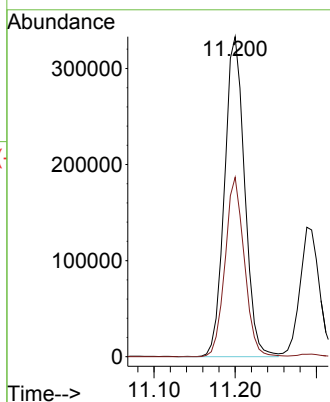
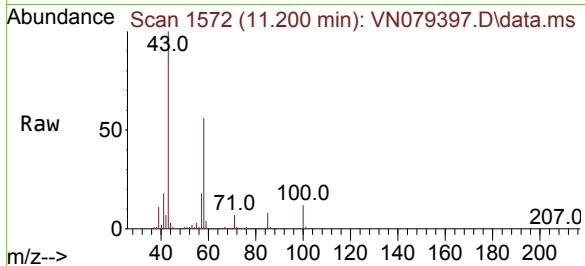




#59
2-Hexanone
Concen: 343.753 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

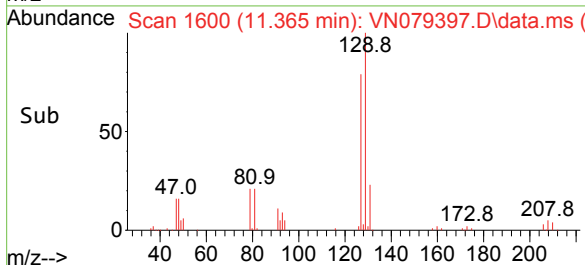
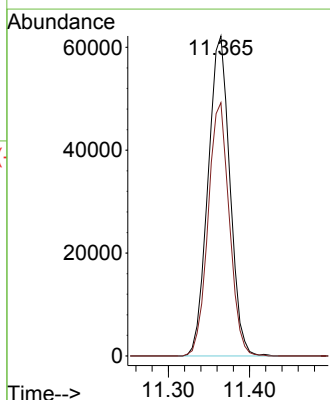
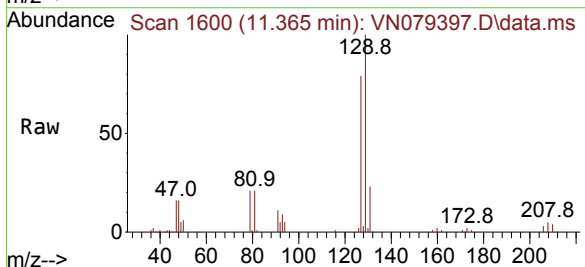
Instrument :
MSVOA_N
ClientSampleId :

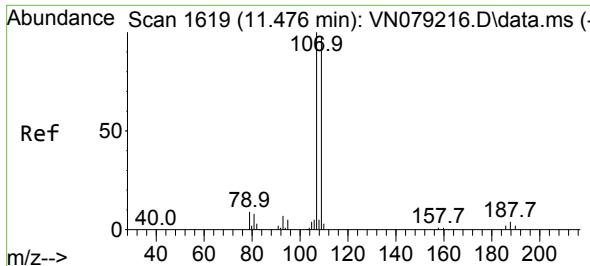
Tgt Ion: 43 Resp: 573193
Ion Ratio Lower Upper
43 100
58 53.7 31.7 95.1



#60
Dibromochloromethane
Concen: 60.746 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion:129 Resp: 116296
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0

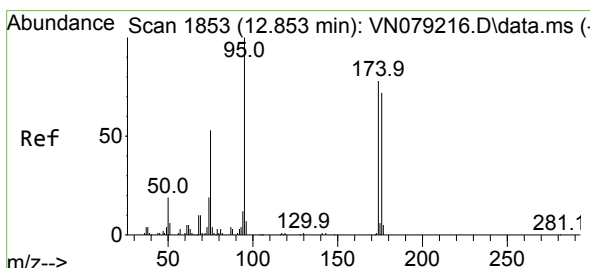
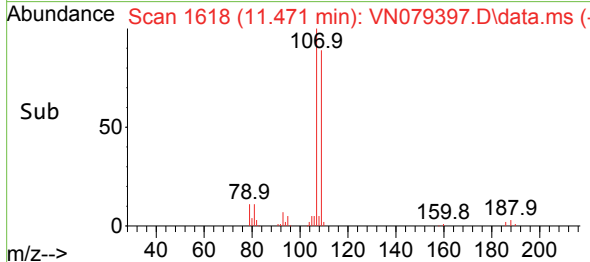
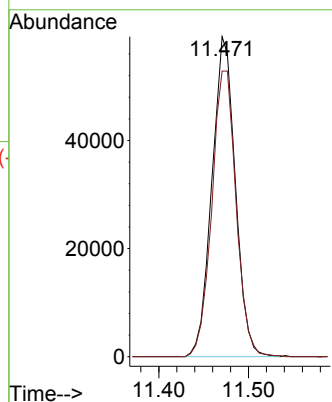
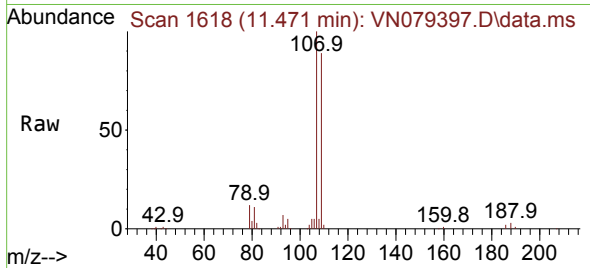




#61
1,2-Dibromoethane
Concen: 59.656 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

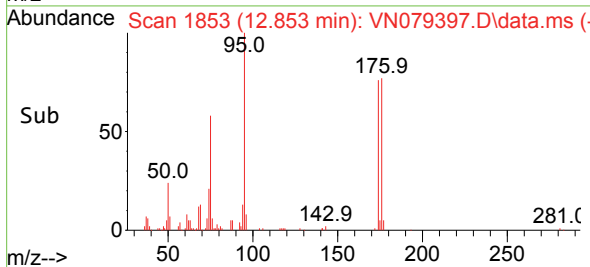
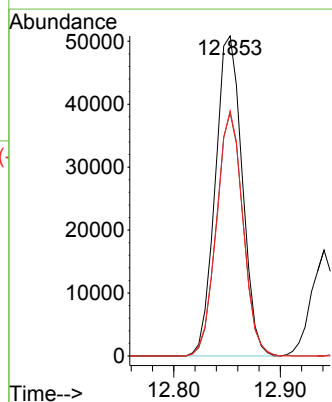
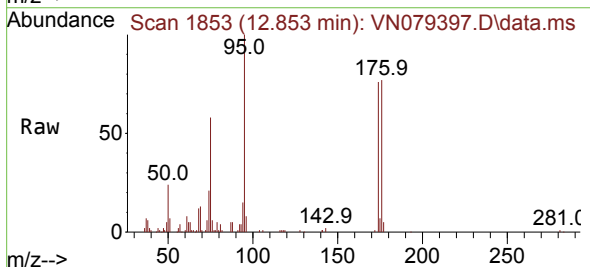
Instrument :
MSVOA_N
ClientSampleId :

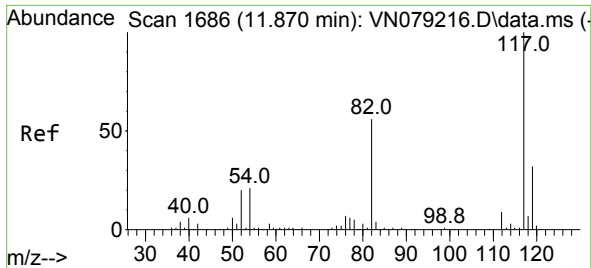
Tgt Ion:107 Resp: 107095
Ion Ratio Lower Upper
107 100
109 92.8 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 48.129 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion: 95 Resp: 89120
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 75.0 0.0 135.8

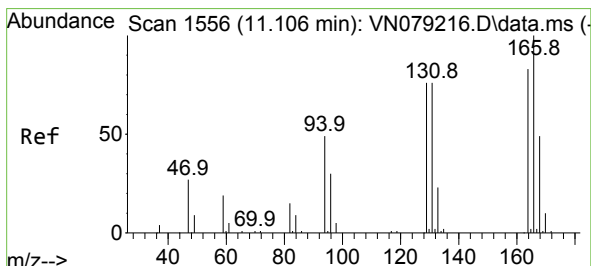
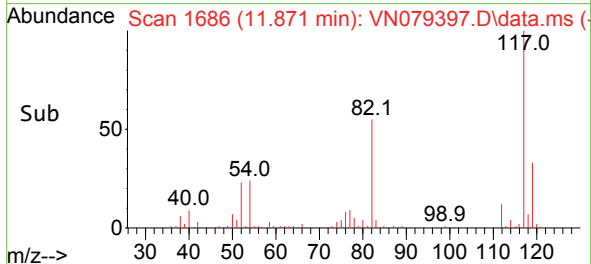
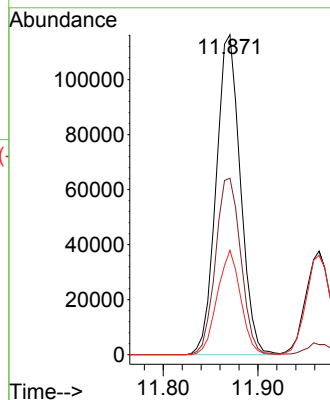
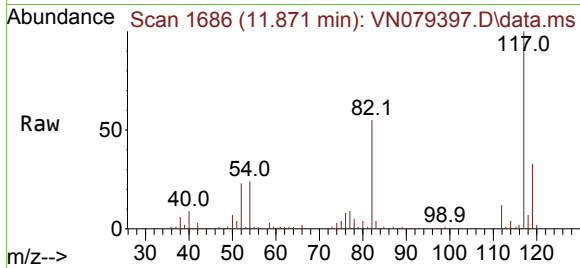




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

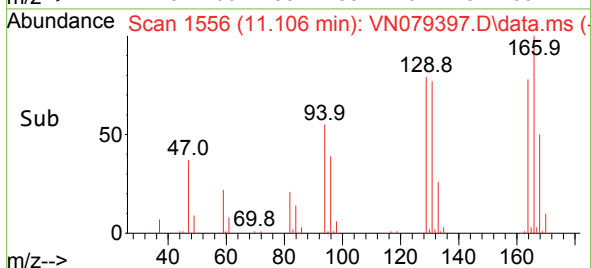
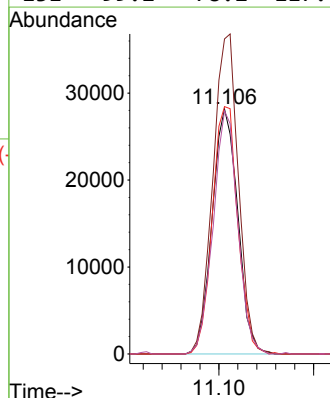
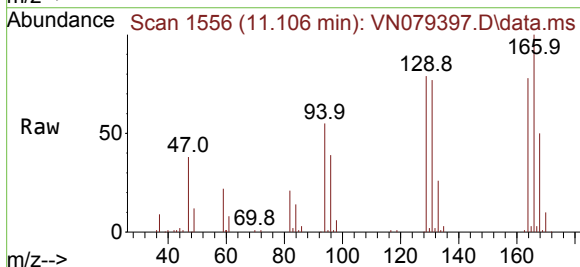
Instrument :
MSVOA_N
ClientSampleId :

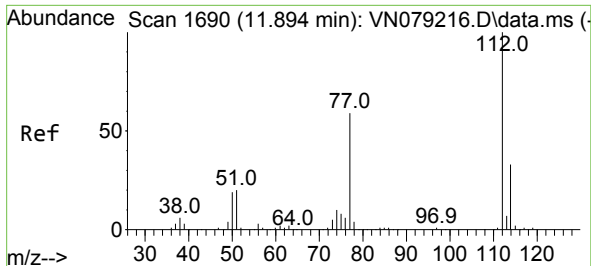
Tgt Ion:117 Resp: 207105
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 32.6 25.6 38.4



#64
Tetrachloroethene
Concen: 34.916 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion:164 Resp: 52728
Ion Ratio Lower Upper
164 100
166 128.6 101.4 152.0
129 100.9 82.4 123.6
131 99.2 78.2 117.4

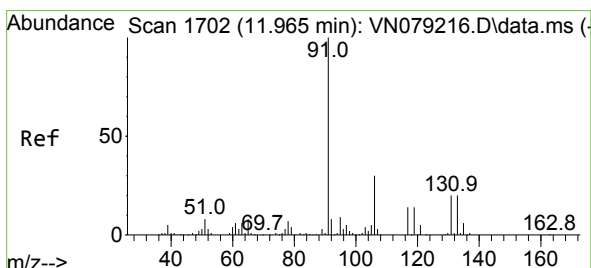
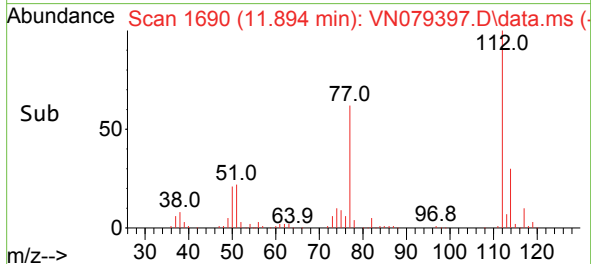
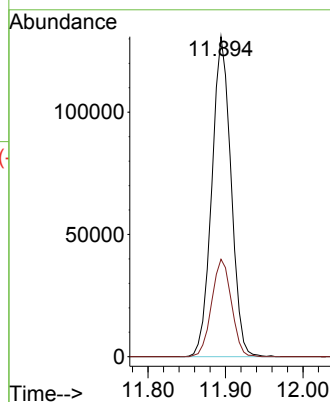
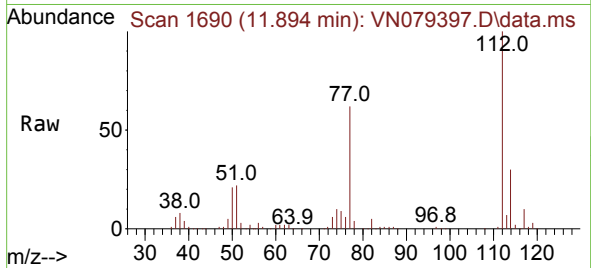




#65
Chlorobenzene
Concen: 47.977 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

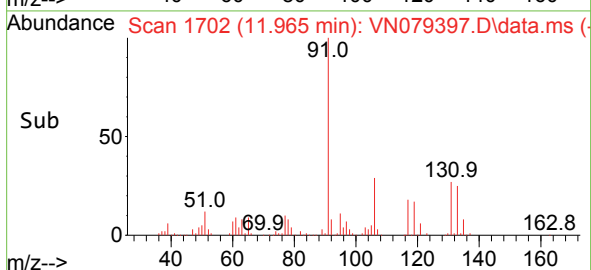
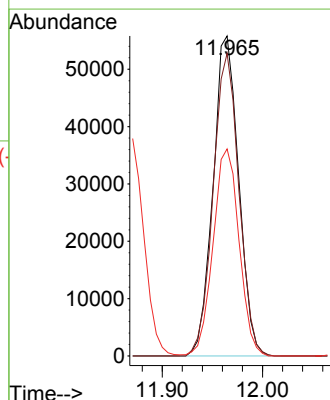
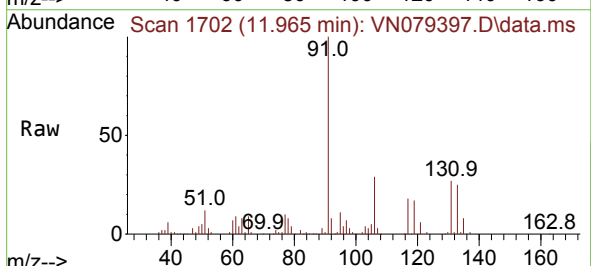
Instrument :
MSVOA_N
ClientSampleId :

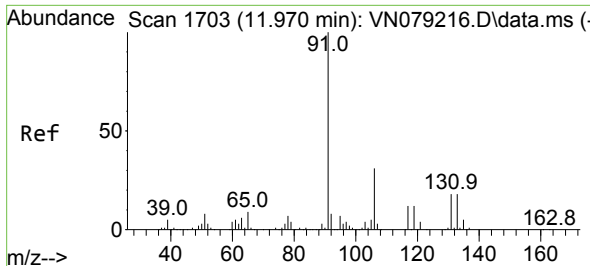
Tgt Ion:112 Resp: 225095
Ion Ratio Lower Upper
112 100
114 30.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 56.102 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion:131 Resp: 98702
Ion Ratio Lower Upper
131 100
133 95.2 46.4 139.1
119 65.8 34.1 102.2

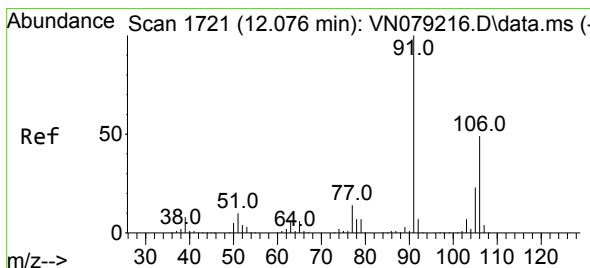
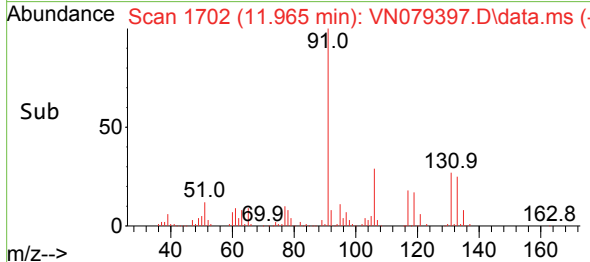
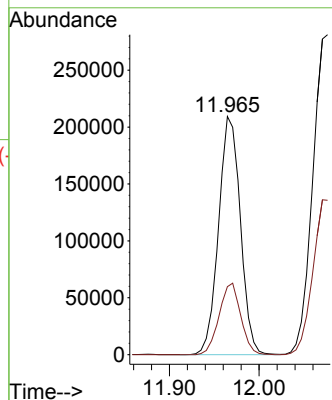
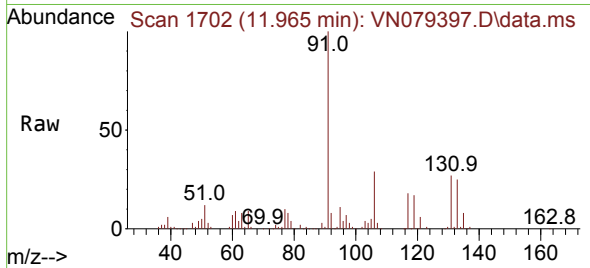




#67
Ethyl Benzene
Concen: 44.048 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

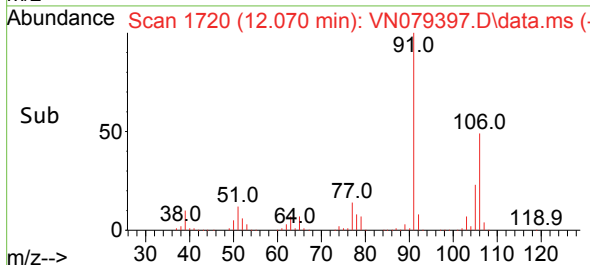
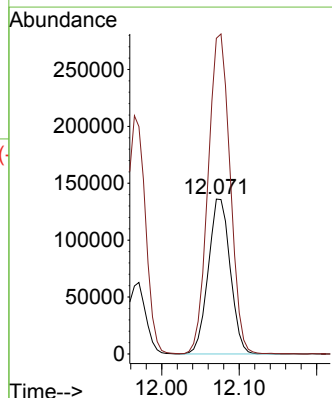
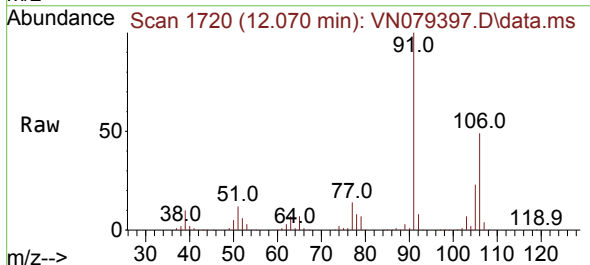
Instrument :
MSVOA_N
ClientSampleId :

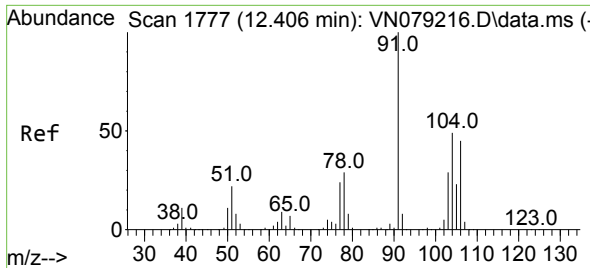
Tgt Ion: 91 Resp: 353489
Ion Ratio Lower Upper
91 100
106 28.5 25.6 38.4



#68
m/p-Xylenes
Concen: 89.566 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion:106 Resp: 267913
Ion Ratio Lower Upper
106 100
91 207.5 159.6 239.4

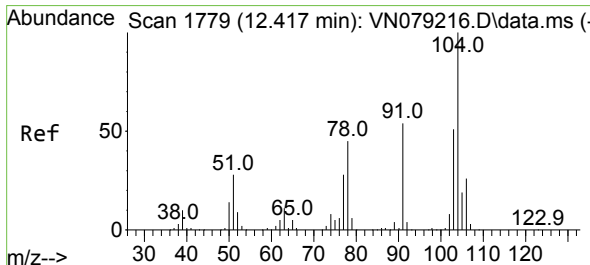
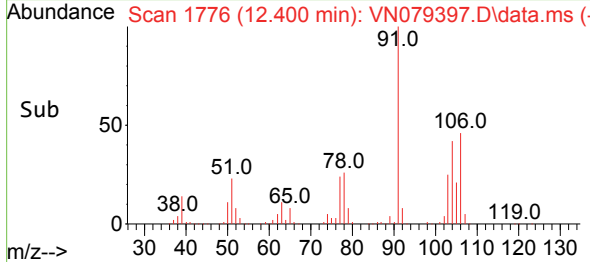
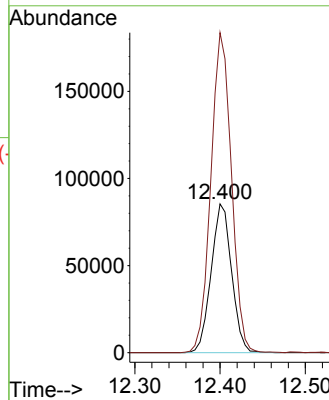
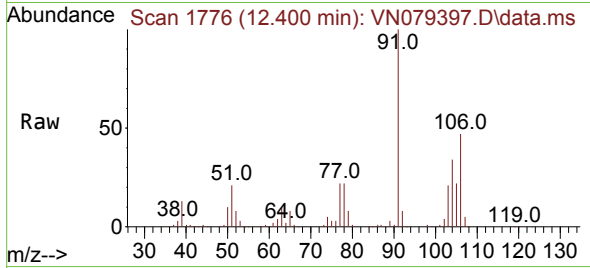




#69
o-Xylene
Concen: 49.686 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

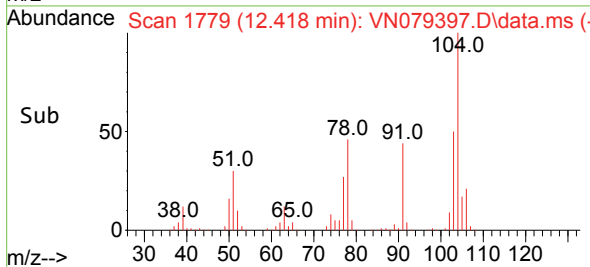
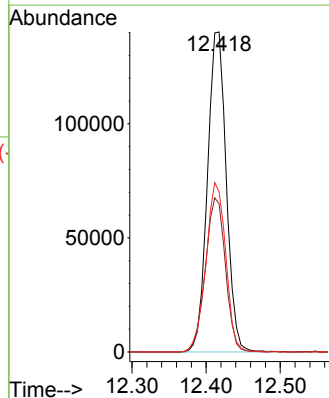
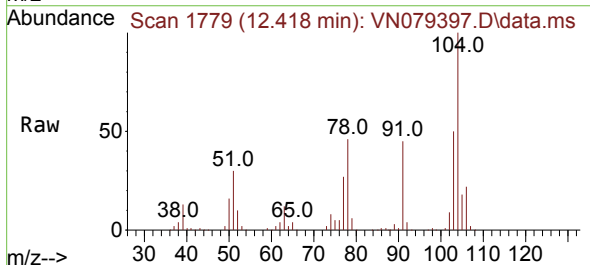
Instrument :
MSVOA_N
ClientSampleId :

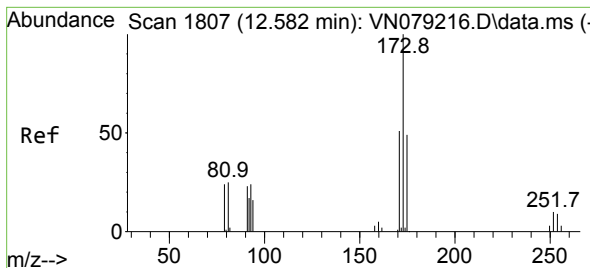
Tgt Ion:106 Resp: 142540
Ion Ratio Lower Upper
106 100
91 216.2 105.2 315.5



#70
Styrene
Concen: 53.678 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion:104 Resp: 247666
Ion Ratio Lower Upper
104 100
78 51.4 39.5 59.3
103 55.5 43.2 64.8





#71

Bromoform

Concen: 59.214 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

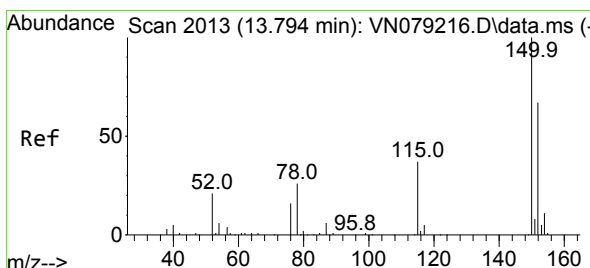
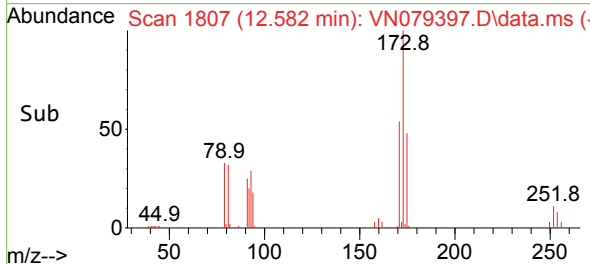
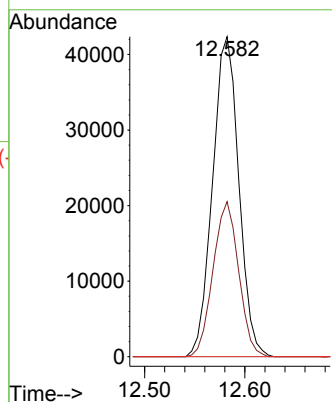
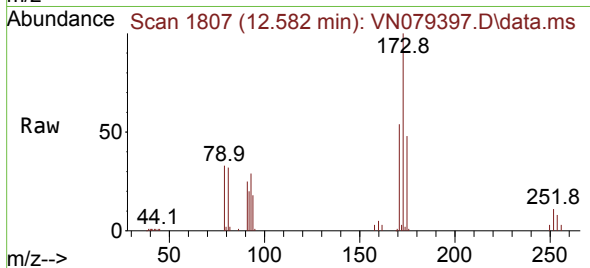
Tgt Ion:173 Resp: 76908

Ion Ratio Lower Upper

173 100

175 47.2 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

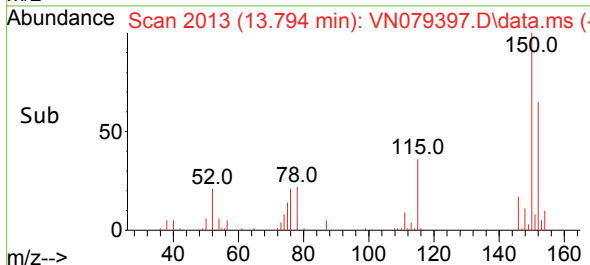
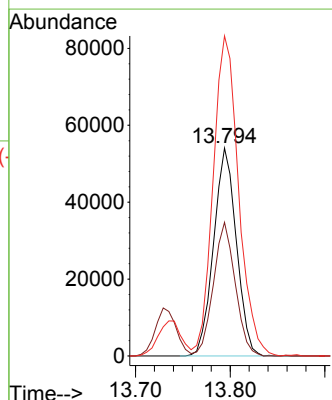
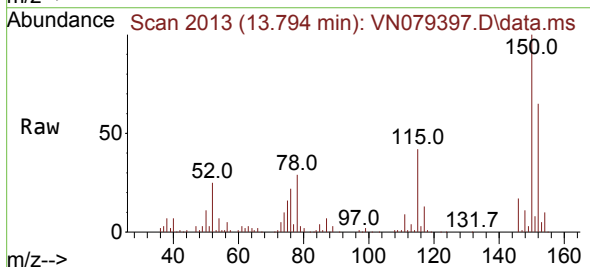
Tgt Ion:152 Resp: 90308

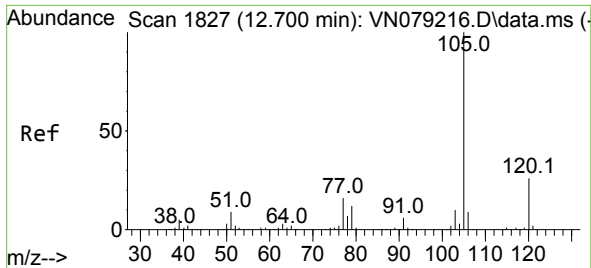
Ion Ratio Lower Upper

152 100

115 61.7 32.3 96.8

150 172.0 0.0 355.8

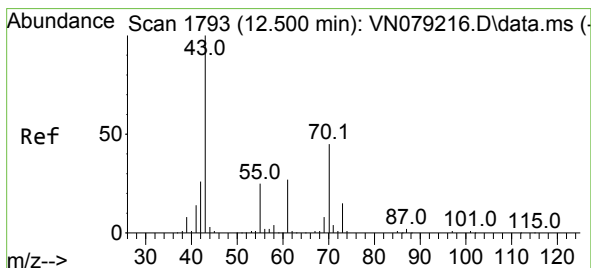
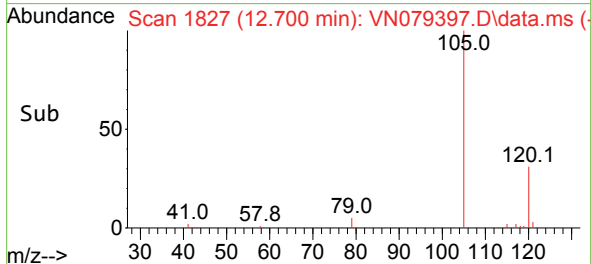
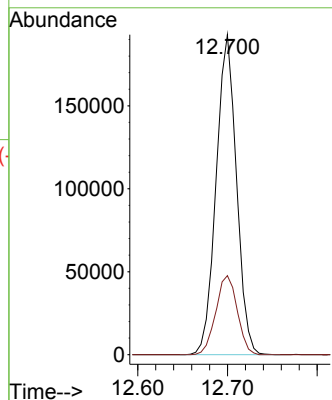
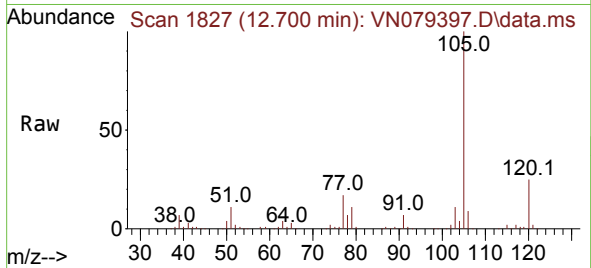




#73
Isopropylbenzene
Concen: 36.894 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

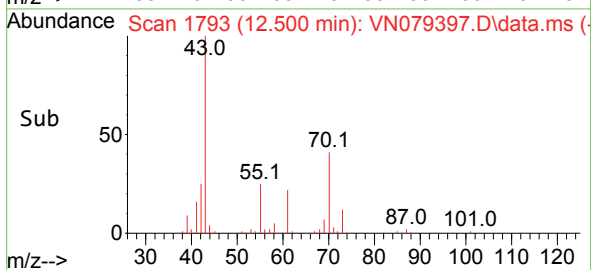
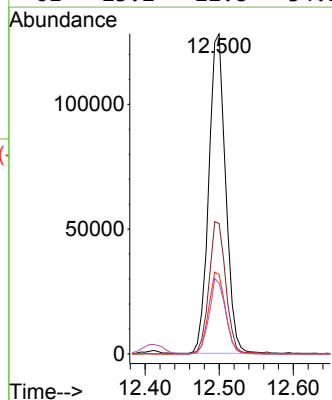
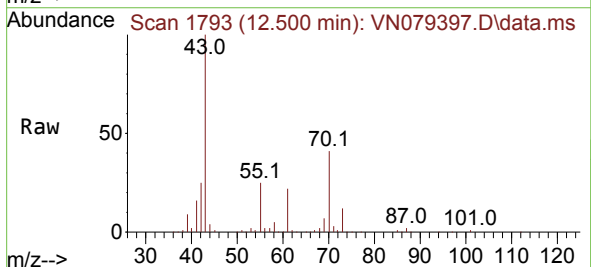
Instrument :
MSVOA_N
ClientSampleId :

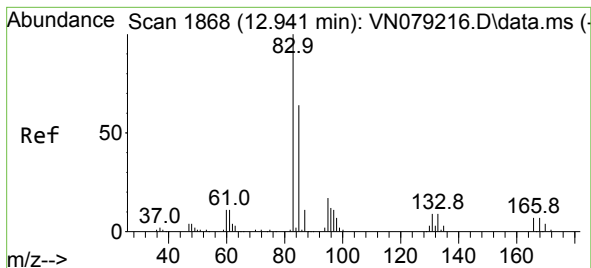
Tgt Ion:105 Resp: 303137
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 64.552 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion: 43 Resp: 201225
Ion Ratio Lower Upper
43 100
70 41.5 43.4 65.2#
55 26.0 21.4 32.0
61 23.2 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 55.903 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

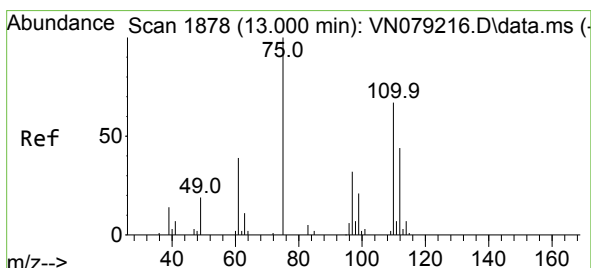
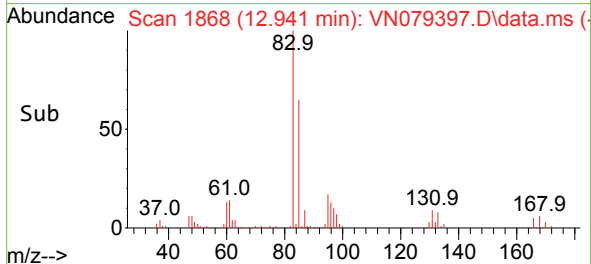
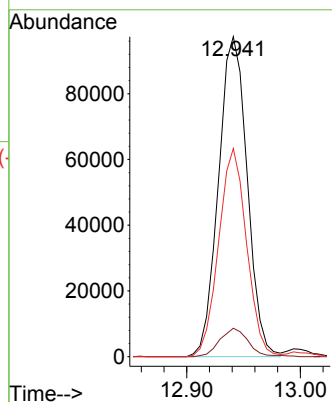
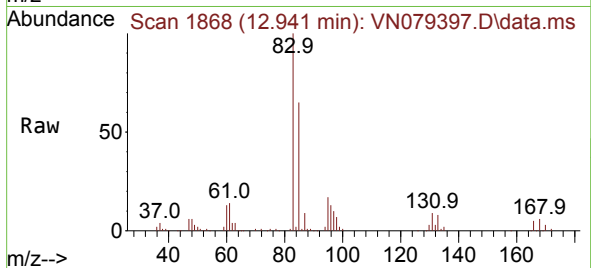
Tgt Ion: 83 Resp: 171041

Ion Ratio Lower Upper

83 100

131 8.9 5.0 15.0

85 63.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 80.195 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN079397.D

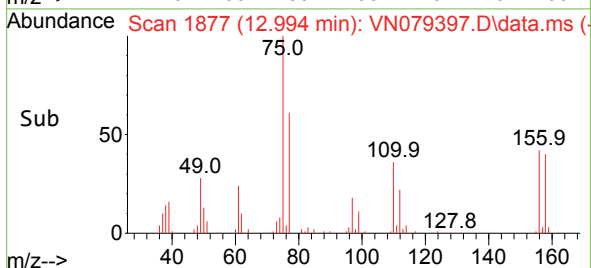
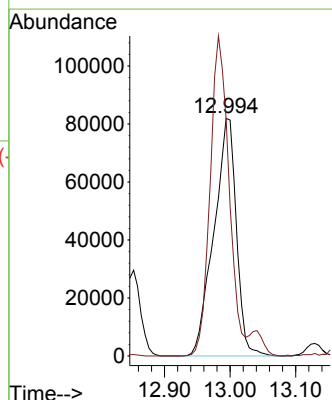
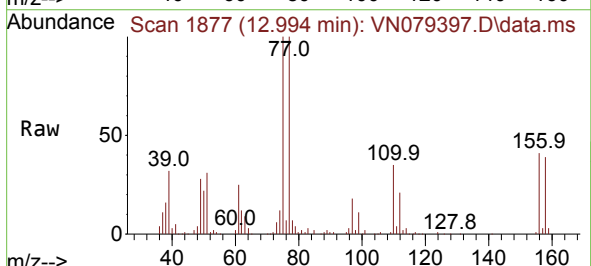
Acq: 30 Sep 2023 19:22

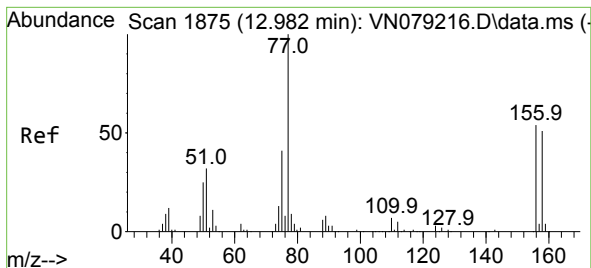
Tgt Ion: 75 Resp: 195188

Ion Ratio Lower Upper

75 100

77 113.1 84.5 253.5





#77

Bromobenzene

Concen: 43.940 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079397.D

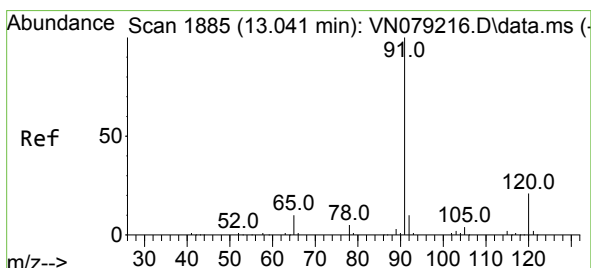
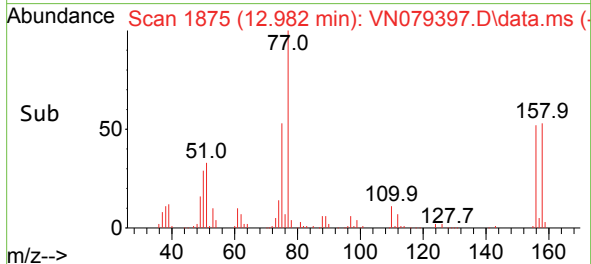
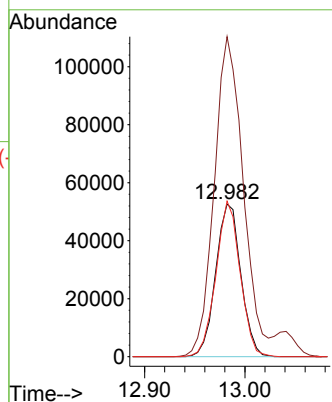
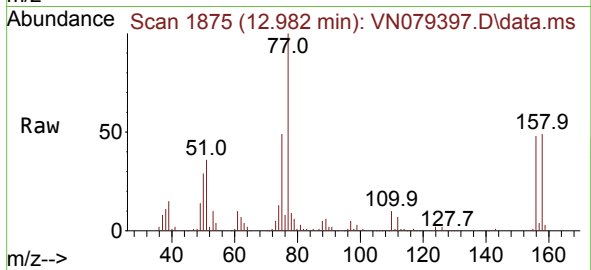
Acq: 30 Sep 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	91416
Ion Ratio	Lower	Upper	
156	100		
77	241.4	107.7	323.3
158	98.1	48.4	145.3



#78

n-propylbenzene

Concen: 38.322 ug/l

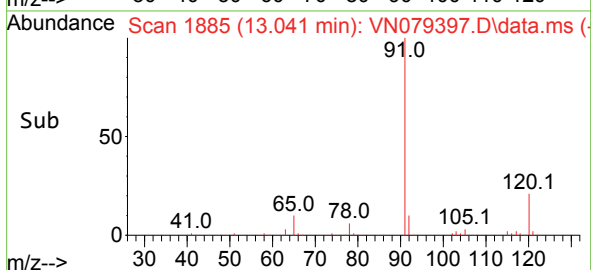
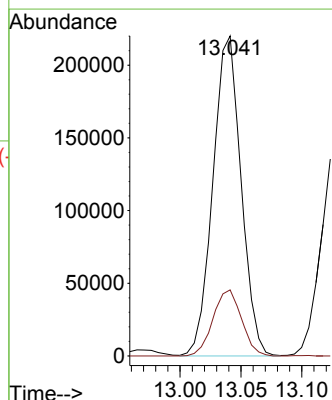
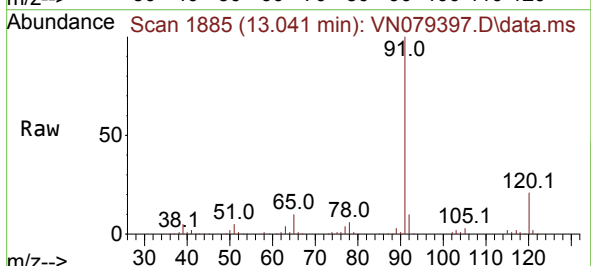
RT: 13.041 min Scan# 1885

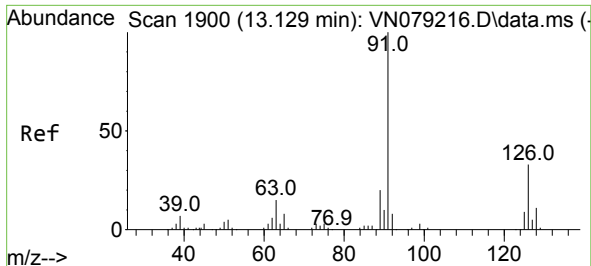
Delta R.T. 0.000 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

Tgt Ion:	91	Resp:	353709
Ion Ratio	Lower	Upper	
91	100		
120	20.9	11.5	34.4

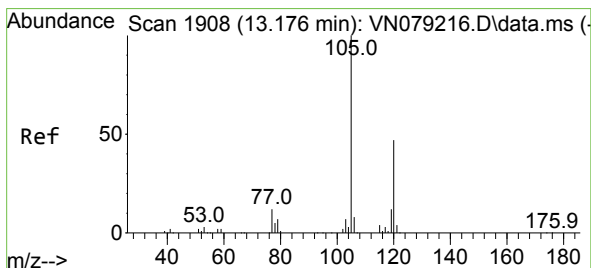
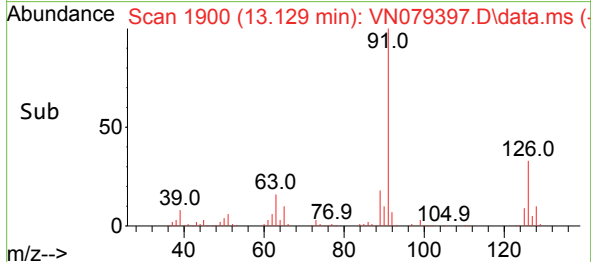
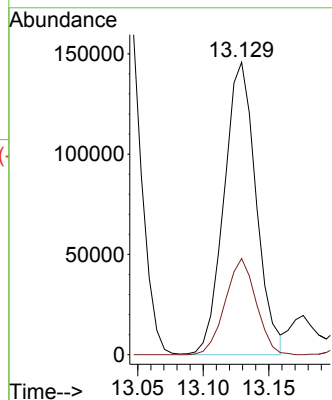
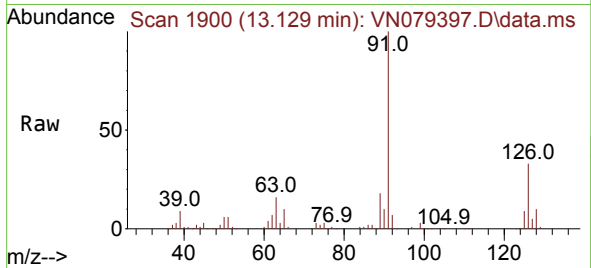




#79
2-Chlorotoluene
Concen: 41.069 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

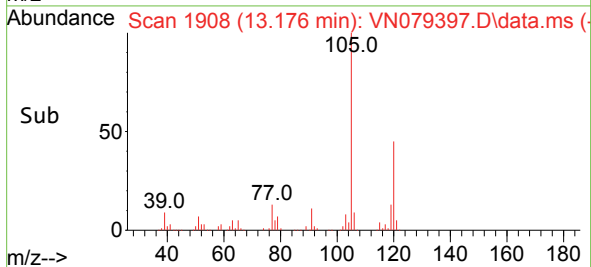
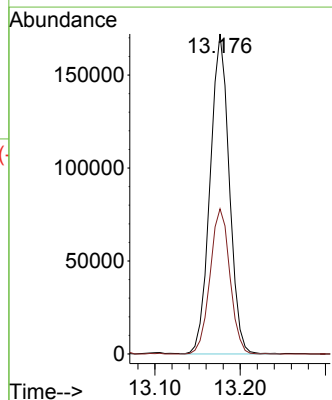
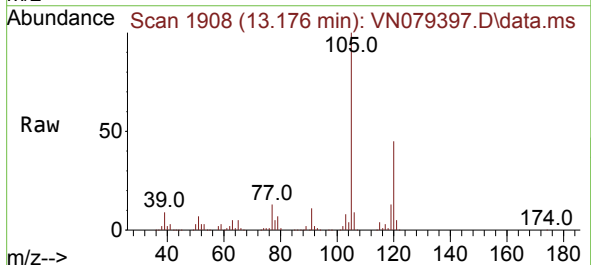
Instrument :
MSVOA_N
ClientSampleId :

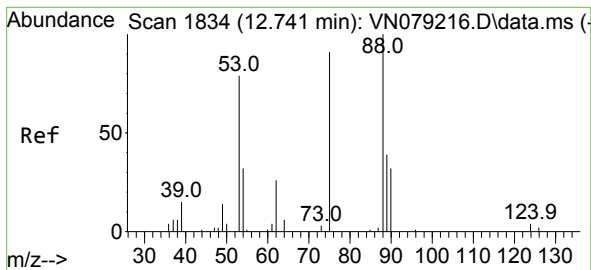
Tgt Ion: 91 Resp: 247924
Ion Ratio Lower Upper
91 100
126 31.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 39.266 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion:105 Resp: 268828
Ion Ratio Lower Upper
105 100
120 46.8 24.1 72.3

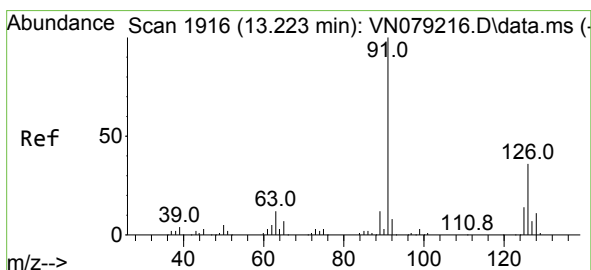
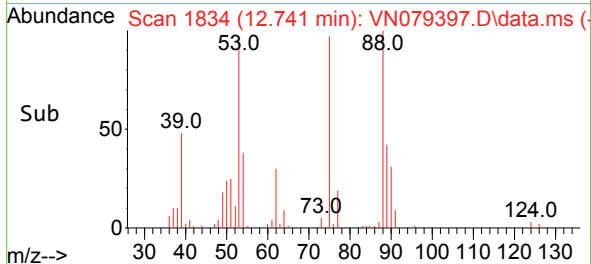
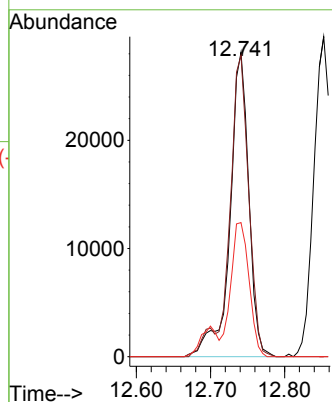
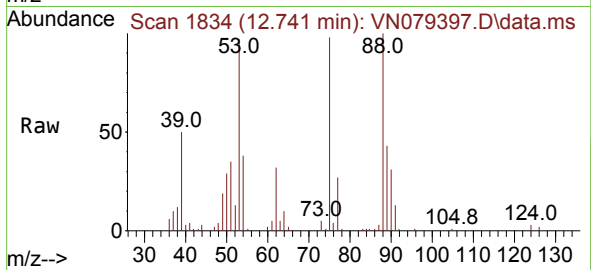




#81
trans-1,4-Dichloro-2-butene
Concen: 56.061 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

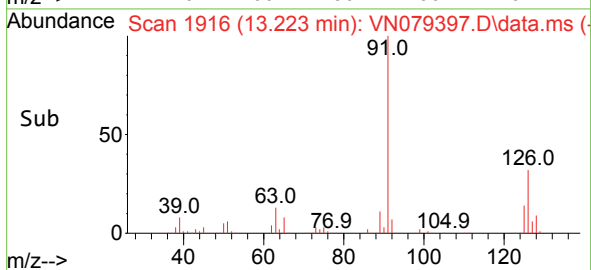
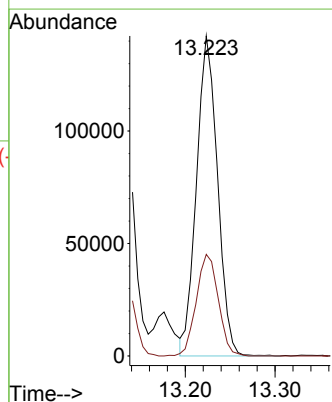
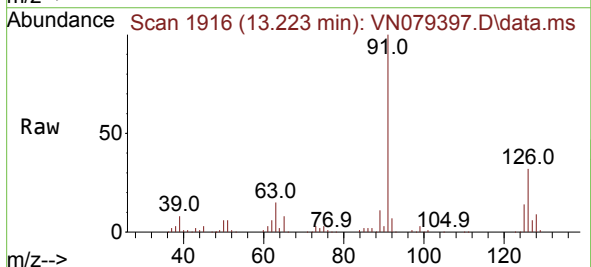
Instrument :
MSVOA_N
ClientSampleId :

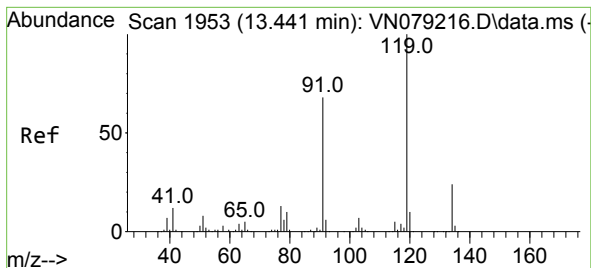
Tgt Ion: 75 Resp: 49632
Ion Ratio Lower Upper
75 100
53 102.0 67.4 101.2#
89 42.9 38.8 58.2



#82
4-Chlorotoluene
Concen: 40.767 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

Tgt Ion: 91 Resp: 231248
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.0





#83

tert-Butylbenzene

Concen: 39.132 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

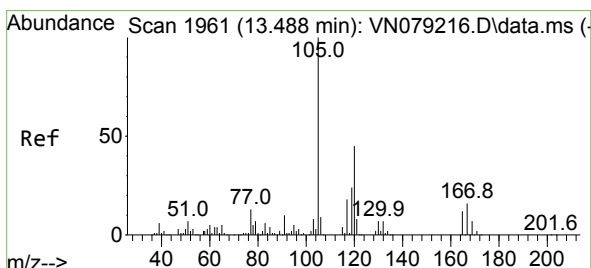
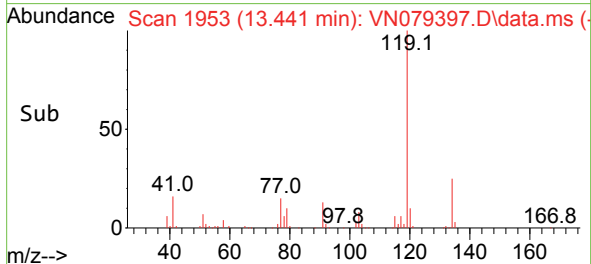
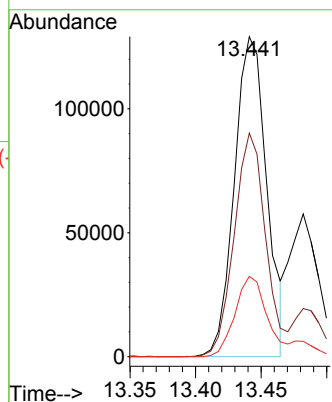
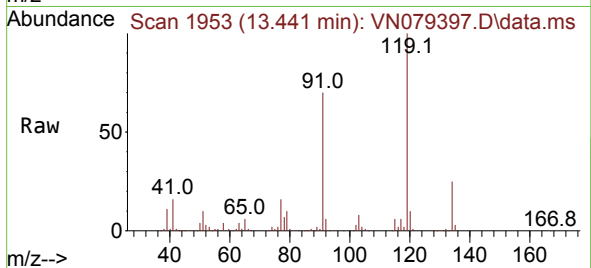
Tgt Ion:119 Resp: 221633

Ion Ratio Lower Upper

119 100

91 68.5 33.9 101.7

134 24.9 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 45.024 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.006 min

Lab File: VN079397.D

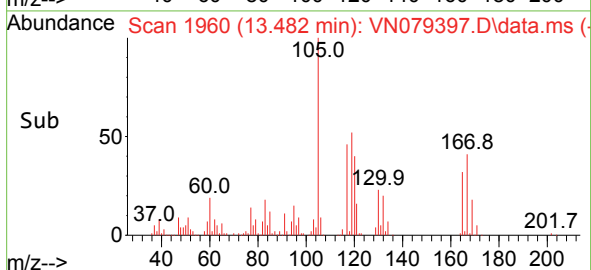
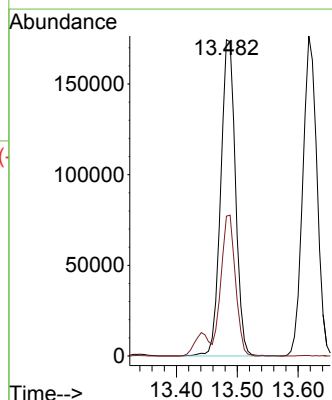
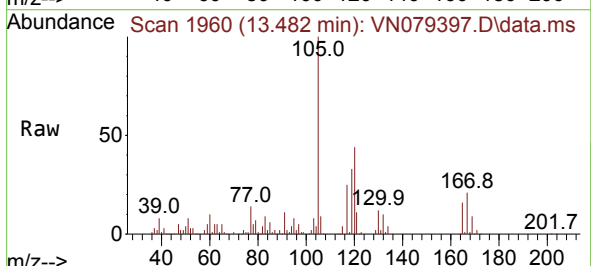
Acq: 30 Sep 2023 19:22

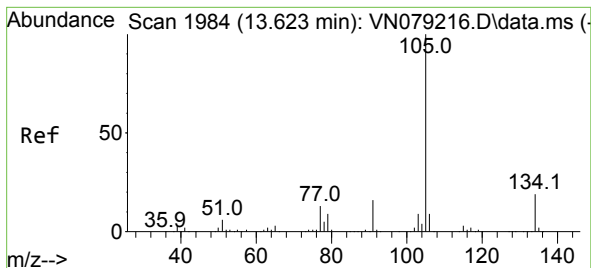
Tgt Ion:105 Resp: 293562

Ion Ratio Lower Upper

105 100

120 43.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 36.583 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

Instrument :

MSVOA_N

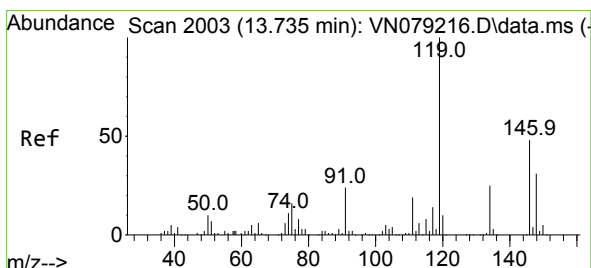
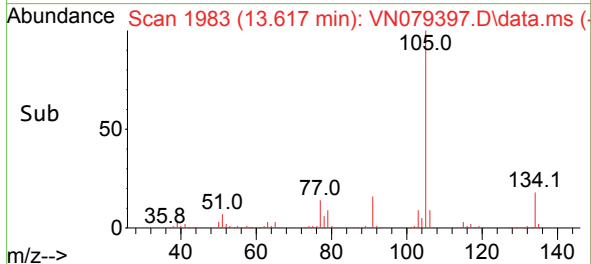
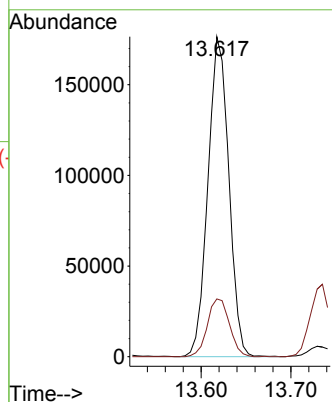
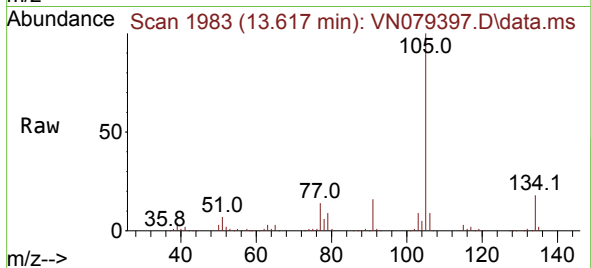
ClientSampleId :

Tgt Ion:105 Resp: 285245

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 37.637 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

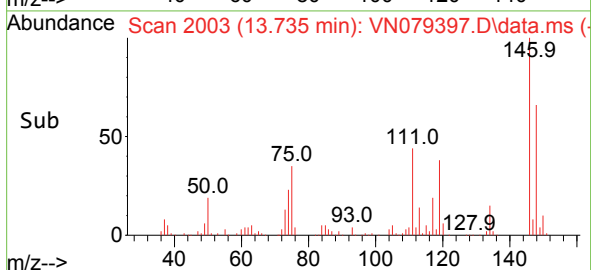
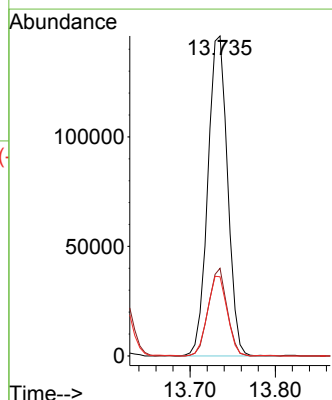
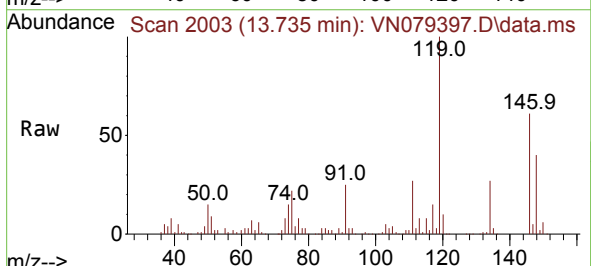
Tgt Ion:119 Resp: 234456

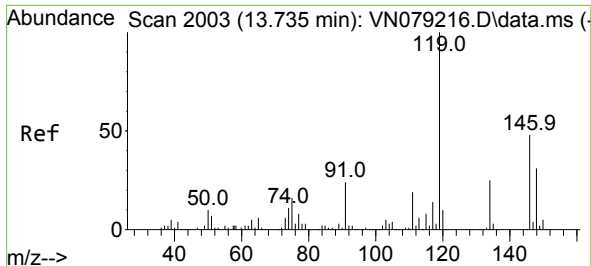
Ion Ratio Lower Upper

119 100

134 26.0 12.6 37.8

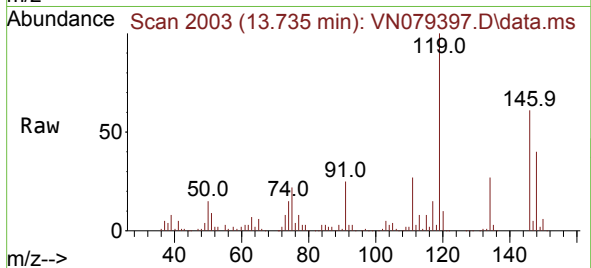
91 25.1 12.4 37.2



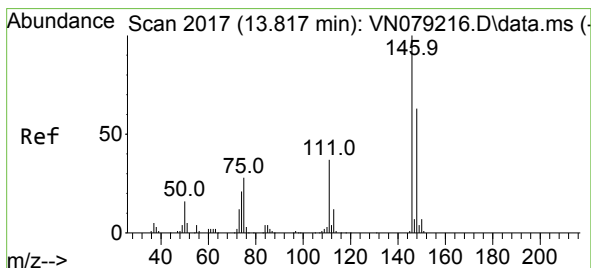
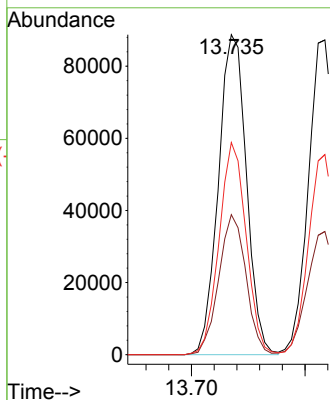
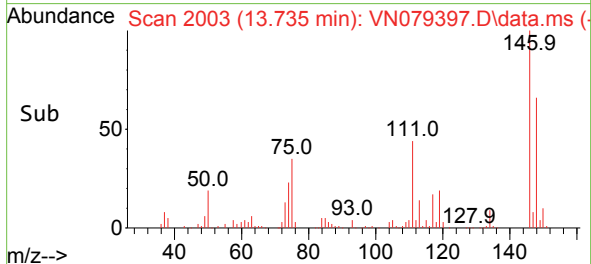


#87
1,3-Dichlorobenzene
Concen: 44.614 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

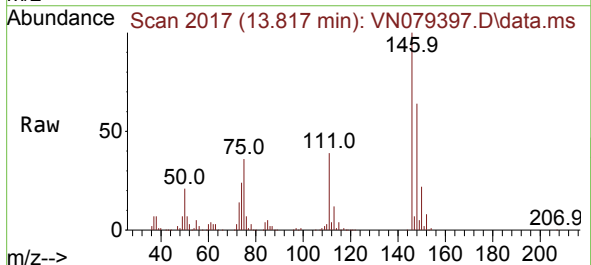
Instrument :
MSVOA_N
ClientSampleId :



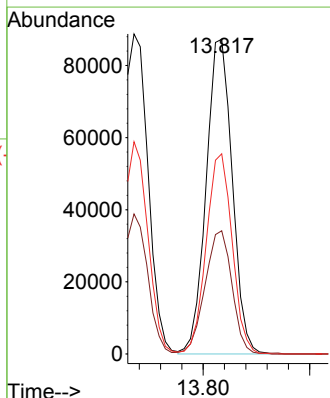
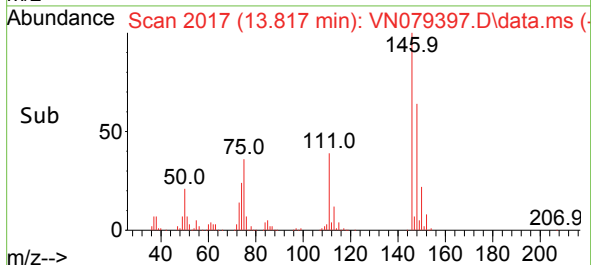
Tgt Ion:146 Resp: 152241
Ion Ratio Lower Upper
146 100
111 42.6 22.1 66.3
148 64.0 32.0 96.0

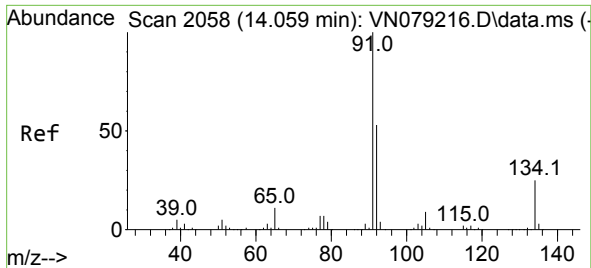


#88
1,4-Dichlorobenzene
Concen: 43.085 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22



Tgt Ion:146 Resp: 148564
Ion Ratio Lower Upper
146 100
111 40.7 20.6 61.8
148 63.3 31.6 94.8

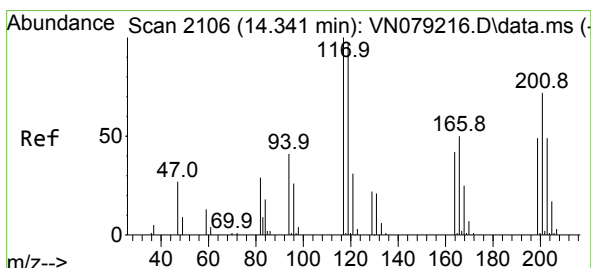
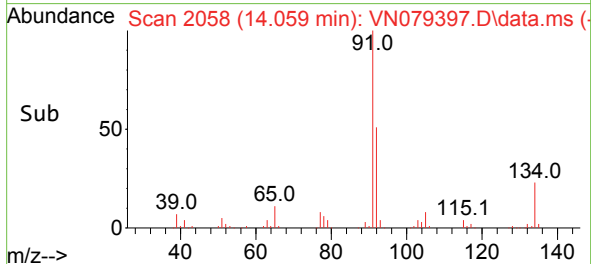
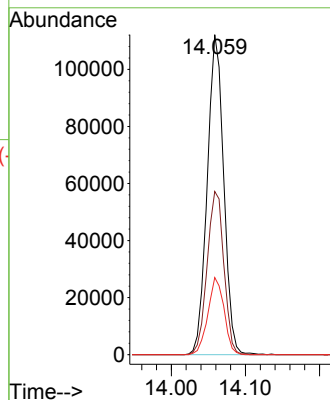
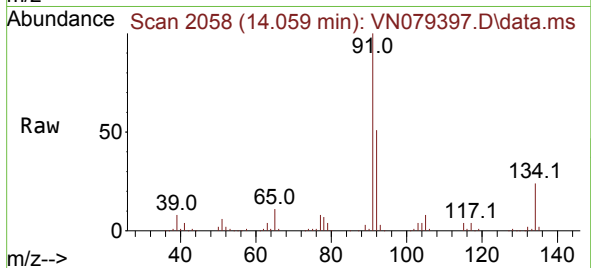




#89
n-Butylbenzene
Concen: 35.380 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

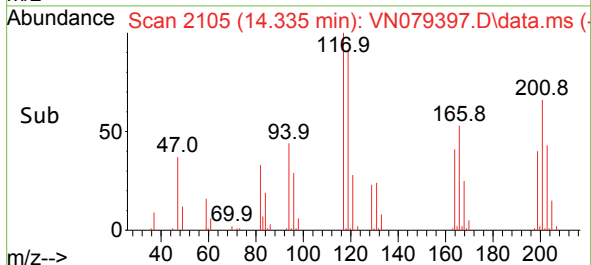
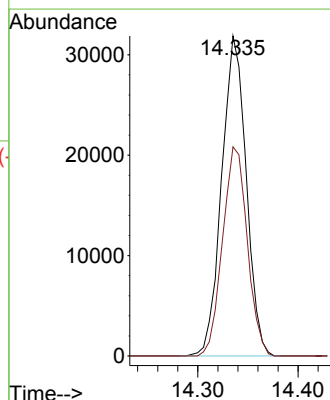
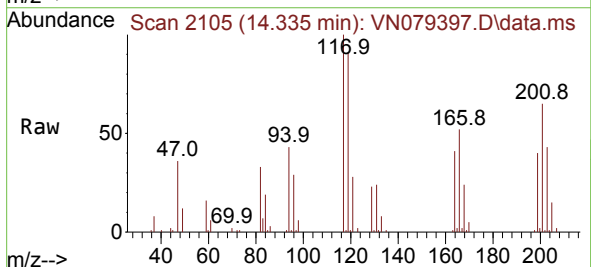
Instrument :
MSVOA_N
ClientSampleId :

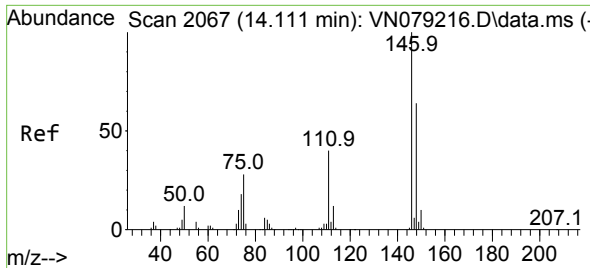
Tgt Ion: 91 Resp: 173314
Ion Ratio Lower Upper
91 100
92 51.8 26.4 79.0
134 23.7 12.6 37.6



#90
Hexachloroethane
Concen: 42.675 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

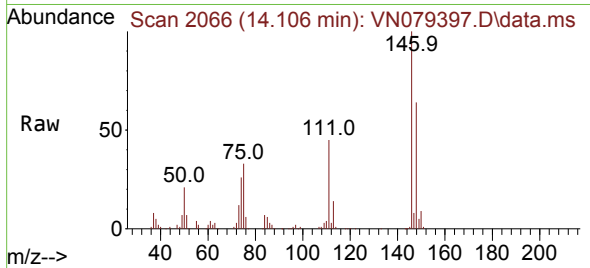
Tgt Ion: 117 Resp: 53985
Ion Ratio Lower Upper
117 100
201 66.0 29.3 88.0



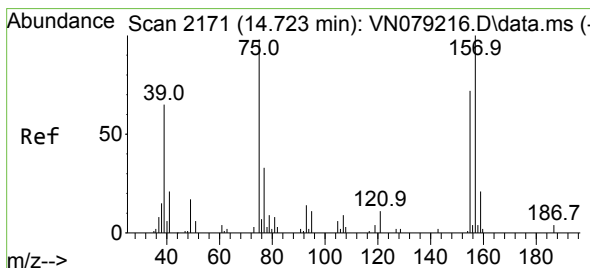
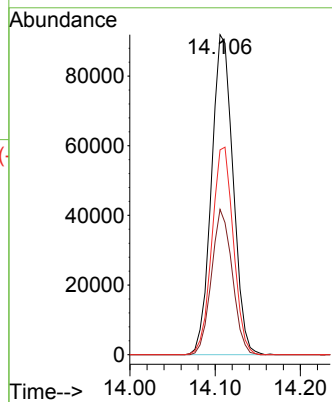
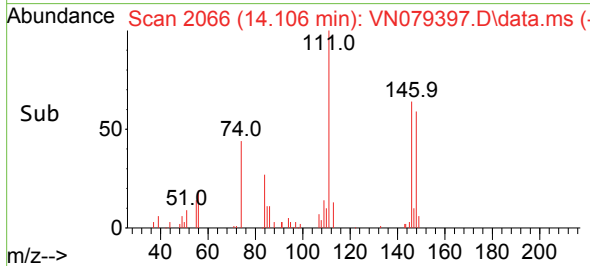


#91
1,2-Dichlorobenzene
Concen: 48.060 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22

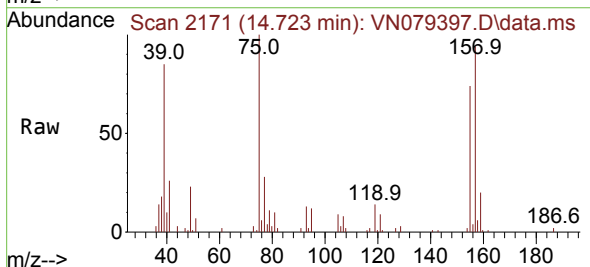
Instrument :
MSVOA_N
ClientSampleId :



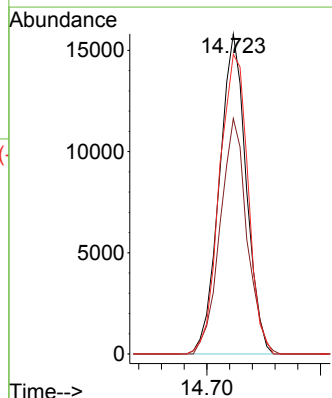
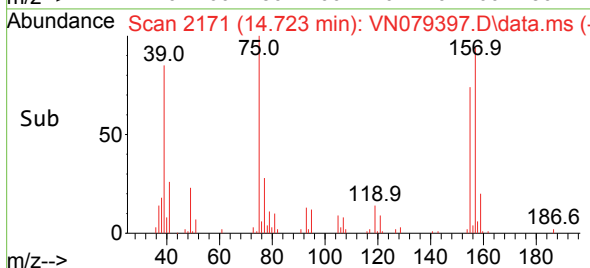
Tgt Ion:146 Resp: 161897
Ion Ratio Lower Upper
146 100
111 43.5 22.0 66.0
148 64.3 31.8 95.3

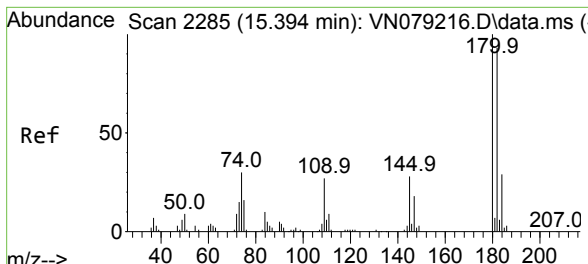


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.795 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079397.D
Acq: 30 Sep 2023 19:22



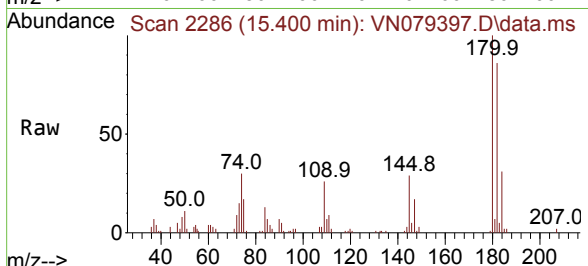
Tgt Ion: 75 Resp: 25951
Ion Ratio Lower Upper
75 100
155 73.7 39.1 117.2
157 99.2 50.3 150.9



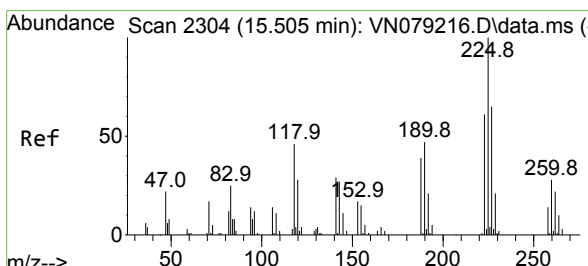
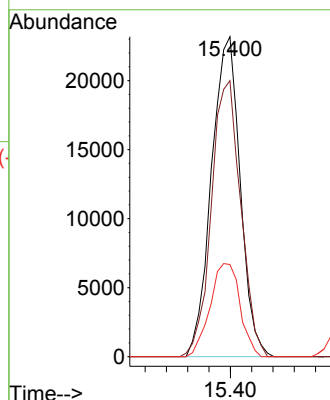
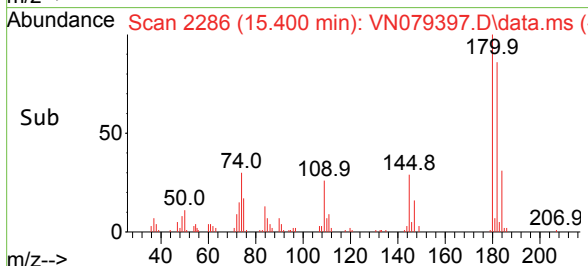


#93
 1,2,4-Trichlorobenzene
 Concen: 35.800 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN079397.D
 Acq: 30 Sep 2023 19:22

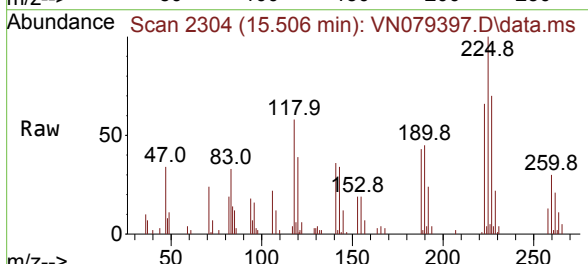
Instrument :
 MSVOA_N
 ClientSampleId :



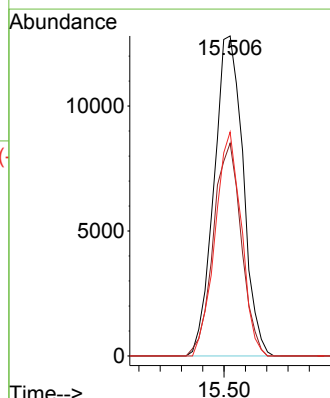
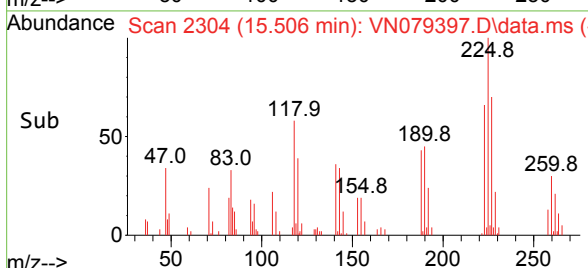
Tgt Ion:180 Resp: 43338
 Ion Ratio Lower Upper
 180 100
 182 88.0 46.1 138.2
 145 30.3 16.6 49.8

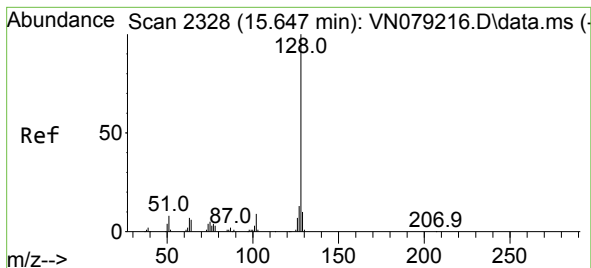


#94
 Hexachlorobutadiene
 Concen: 25.457 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN079397.D
 Acq: 30 Sep 2023 19:22



Tgt Ion:225 Resp: 24242
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.3 93.8
 227 63.3 31.9 95.9





#95

Naphthalene

Concen: 35.898 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

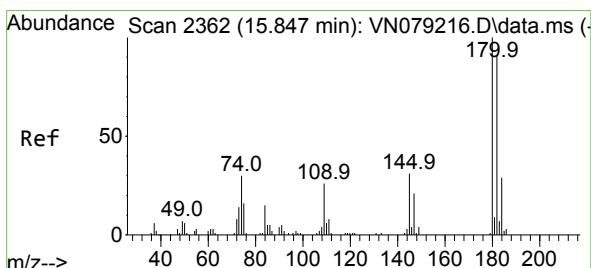
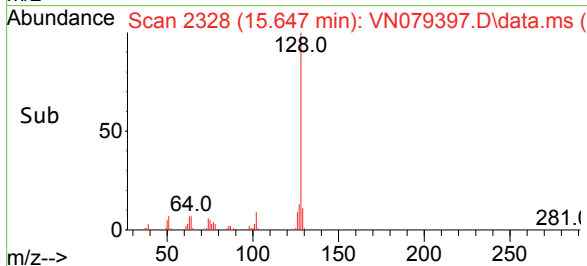
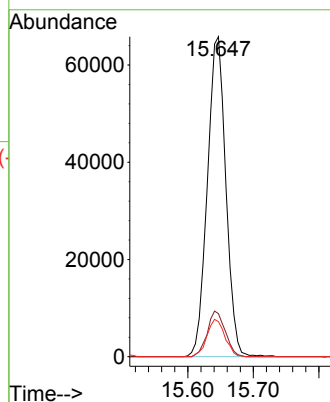
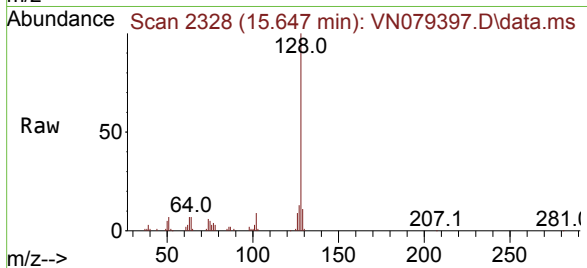
Tgt Ion:128 Resp: 129069

Ion Ratio Lower Upper

128 100

127 13.9 10.0 15.0

129 11.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 34.848 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN079397.D

Acq: 30 Sep 2023 19:22

Tgt Ion:180 Resp: 49761

Ion Ratio Lower Upper

180 100

182 94.2 46.2 138.6

145 31.3 17.5 52.6

