

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092823\
 Data File : VN079365.D
 Acq On : 28 Sep 2023 11:30
 Operator : JC\MD
 Sample : VN0928WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 29 04:32:24 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	161482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	280529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	255457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103057	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	119766	54.942	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.880%	
35) Dibromofluoromethane	8.171	113	94510	50.648	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.300%	
50) Toluene-d8	10.571	98	339968	49.618	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.240%	
62) 4-Bromofluorobenzene	12.853	95	107623	49.242	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.480%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.130	85	29550	18.494	ug/l	94
3) Chloromethane	2.365	50	40064	19.101	ug/l	100
4) Vinyl Chloride	2.518	62	43824	19.176	ug/l	99
5) Bromomethane	2.954	94	27435	20.884	ug/l	99
6) Chloroethane	3.118	64	32489	21.674	ug/l	97
7) Trichlorofluoromethane	3.501	101	58400	17.451	ug/l	99
8) Diethyl Ether	3.971	74	20821	17.925	ug/l #	58
9) 1,1,2-Trichlorotrifluo...	4.377	101	34697	19.495	ug/l	99
10) Methyl Iodide	4.595	142	32990	22.660	ug/l	96
11) Tert butyl alcohol	5.530	59	29986	74.509	ug/l	99
12) 1,1-Dichloroethene	4.342	96	29894	17.357	ug/l	81
13) Acrolein	4.183	56	45145	117.598	ug/l	98
14) Allyl chloride	5.036	41	53091	19.324	ug/l #	91
15) Acrylonitrile	5.730	53	96523	92.496	ug/l	98
16) Acetone	4.430	43	101175	109.284	ug/l	95
17) Carbon Disulfide	4.712	76	74592	13.857	ug/l	96
18) Methyl Acetate	5.030	43	75967	19.965	ug/l #	83
19) Methyl tert-butyl Ether	5.795	73	111081	18.806	ug/l	97
20) Methylene Chloride	5.283	84	40962	18.182	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	34740	17.388	ug/l	92
22) Diisopropyl ether	6.677	45	125788	20.867	ug/l #	89
23) Vinyl Acetate	6.606	43	410086	110.600	ug/l #	84
24) 1,1-Dichloroethane	6.577	63	74387	20.017	ug/l	95
25) 2-Butanone	7.489	43	133219	99.176	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	59891	19.640	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	41374	18.111	ug/l	83
28) Bromochloromethane	7.824	49	27883	16.595	ug/l #	74
29) Tetrahydrofuran	7.847	42	81590	95.447	ug/l #	76
30) Chloroform	7.971	83	76820	19.855	ug/l	93
31) Cyclohexane	8.259	56	57639	18.109	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	63856	19.361	ug/l	96
36) 1,1-Dichloropropene	8.377	75	53659	18.656	ug/l	93
37) Ethyl Acetate	7.565	43	51127	17.821	ug/l #	92
38) Carbon Tetrachloride	8.365	117	53170	17.863	ug/l	98
39) Methylcyclohexane	9.606	83	46515	16.395	ug/l #	84
40) Benzene	8.606	78	163520	18.571	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27892	19.283	ug/l #	88
42) 1,2-Dichloroethane	8.677	62	59130	19.507	ug/l	98
43) Isopropyl Acetate	8.694	43	87669	18.728	ug/l #	90
44) Trichloroethene	9.353	130	37392	17.239	ug/l	97
45) 1,2-Dichloropropane	9.630	63	42572	19.482	ug/l	94
46) Dibromomethane	9.712	93	28841	19.442	ug/l	97
47) Bromodichloromethane	9.894	83	60594	19.943	ug/l	99
48) Methyl methacrylate	9.688	41	37912	18.081	ug/l #	83
49) 1,4-Dioxane	9.700	88	14684	340.491	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	272595	100.318	ug/l	88
52) Toluene	10.635	92	100944	18.655	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	59586	18.599	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	63890	18.645	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	41680	19.630	ug/l	98
56) Ethyl methacrylate	10.877	69	54902	18.318	ug/l #	78
57) 1,3-Dichloropropane	11.165	76	69916	19.049	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	128686	108.957	ug/l	89
59) 2-Hexanone	11.200	43	195552	99.360	ug/l	86
60) Dibromochloromethane	11.365	129	42008	18.590	ug/l	99
61) 1,2-Dibromoethane	11.471	107	39117	18.461	ug/l	96
64) Tetrachloroethene	11.106	164	33942	18.222	ug/l	93
65) Chlorobenzene	11.894	112	103637	17.908	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	39506	18.205	ug/l	97
67) Ethyl Benzene	11.965	91	180524	18.237	ug/l	93
68) m/p-Xylenes	12.076	106	132664	35.956	ug/l	94
69) o-Xylene	12.400	106	64092	18.112	ug/l	91
70) Styrene	12.418	104	104897	18.432	ug/l	98
71) Bromoform	12.582	173	26714	16.675	ug/l #	98
73) Isopropylbenzene	12.700	105	164509	17.545	ug/l	99
74) N-amyl acetate	12.500	43	61800	17.373	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	60485	17.323	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	72026	25.932	ug/l	67
77) Bromobenzene	12.982	156	38809	16.346	ug/l	94
78) n-propylbenzene	13.041	91	192420	18.268	ug/l	98
79) 2-Chlorotoluene	13.129	91	120364	17.472	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	139464	17.851	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	18381	18.194	ug/l #	88
82) 4-Chlorotoluene	13.223	91	115208	17.798	ug/l	99
83) tert-Butylbenzene	13.441	119	111515	17.254	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	135438	18.203	ug/l	99
85) sec-Butylbenzene	13.618	105	158667	17.832	ug/l	100
86) p-Isopropyltoluene	13.735	119	125254	17.620	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	66148	16.987	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	64475	16.385	ug/l	99
89) n-Butylbenzene	14.059	91	95527	17.089	ug/l	98
90) Hexachloroethane	14.335	117	26343	18.248	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	65616	17.069	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8617	16.235	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	18135	13.127	ug/l	99
94) Hexachlorobutadiene	15.500	225	16114	14.828	ug/l	99
95) Naphthalene	15.647	128	42013	10.240	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	22275	13.669	ug/l	95

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QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

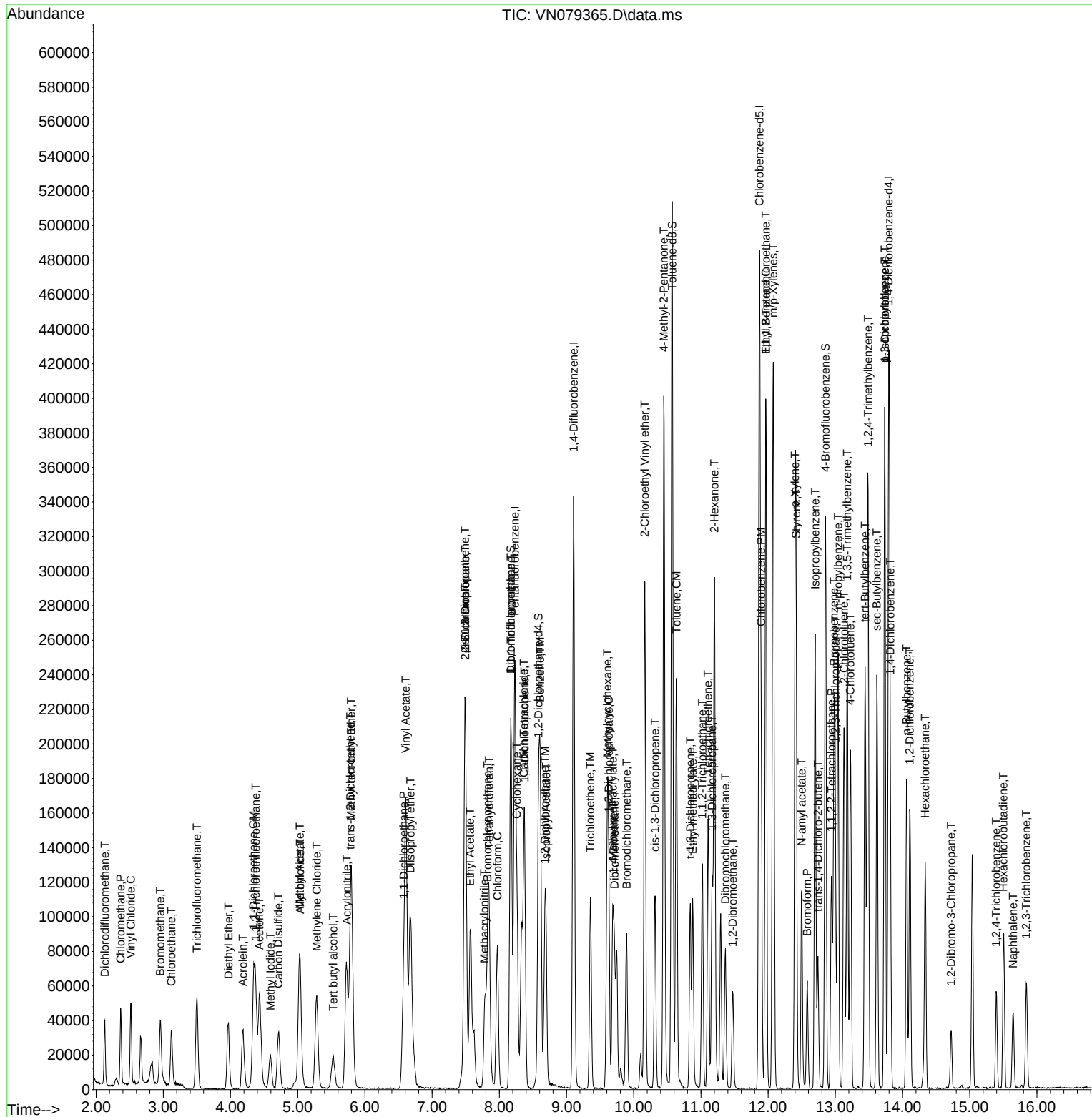
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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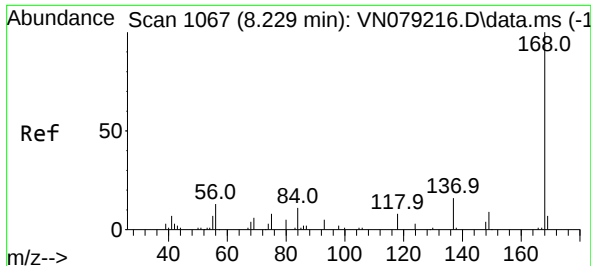
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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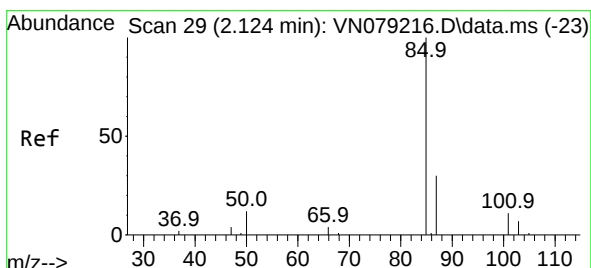
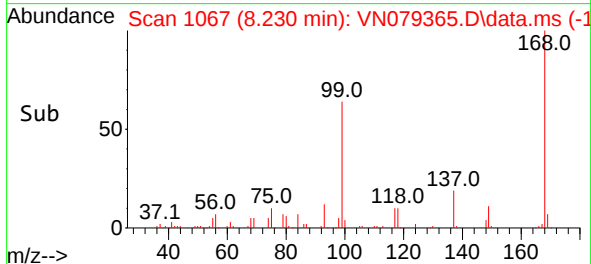
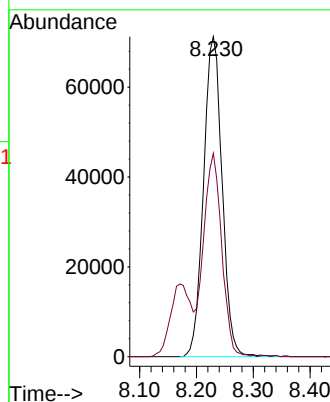
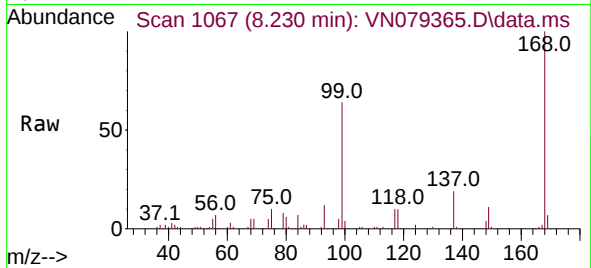




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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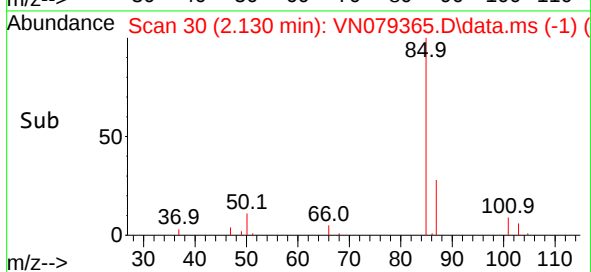
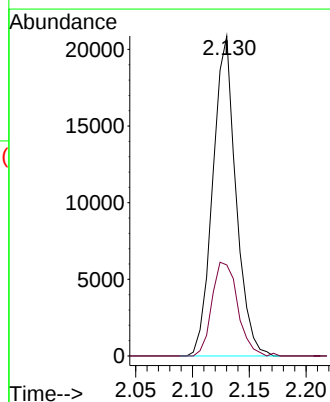
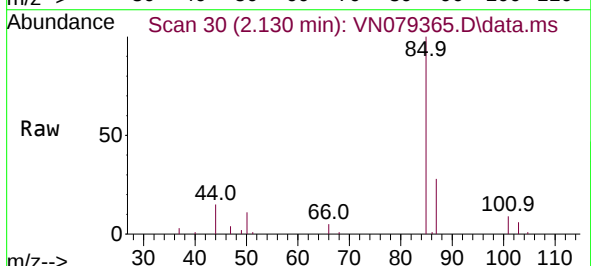
Instrument :
MSVOA_N
ClientSampleId :

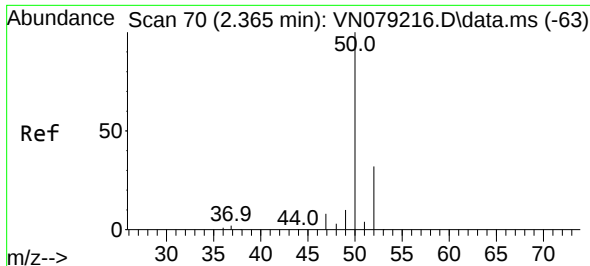
Tgt Ion:168 Resp: 161482
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 18.494 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Tgt Ion: 85 Resp: 29550
Ion Ratio Lower Upper
85 100
87 28.5 15.8 47.4





#3

Chloromethane

Concen: 19.101 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

Instrument :

MSVOA_N

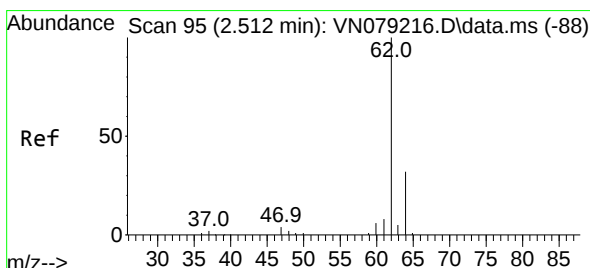
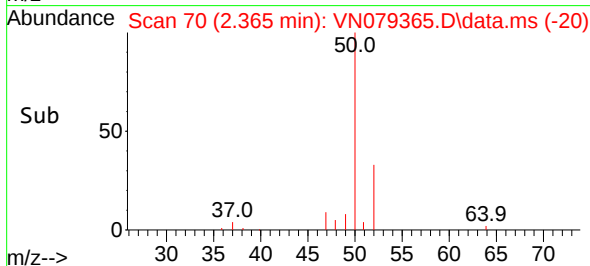
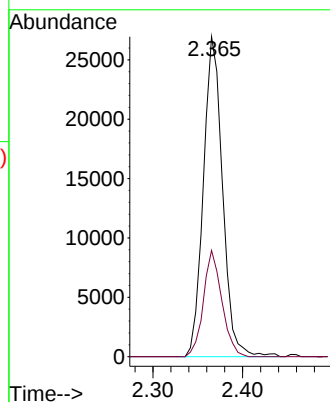
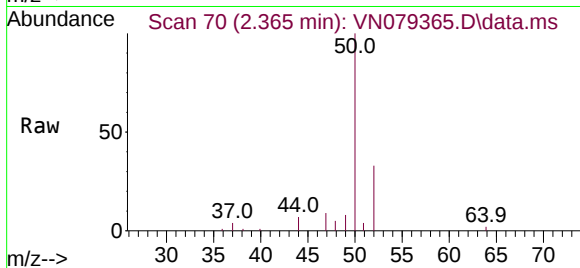
ClientSampleId :

Tgt Ion: 50 Resp: 40064

Ion Ratio Lower Upper

50 100

52 33.2 26.5 39.7



#4

Vinyl Chloride

Concen: 19.176 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN079365.D

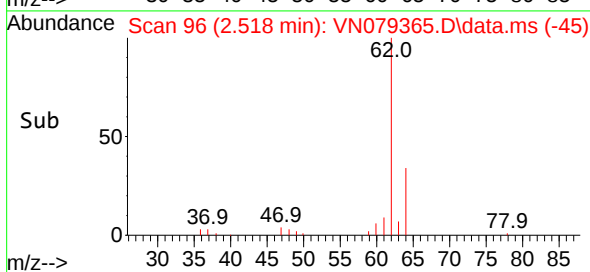
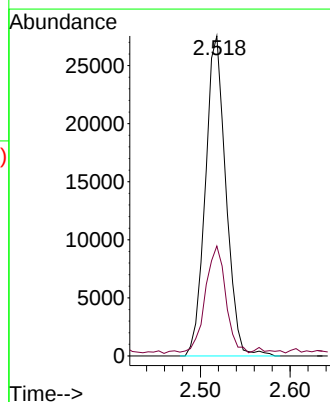
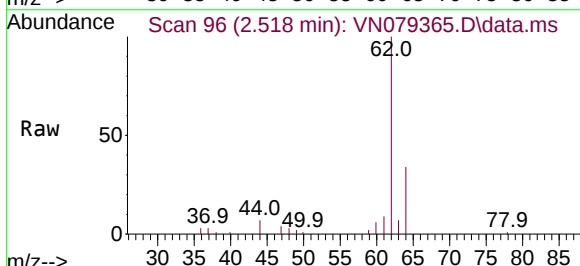
Acq: 28 Sep 2023 11:30

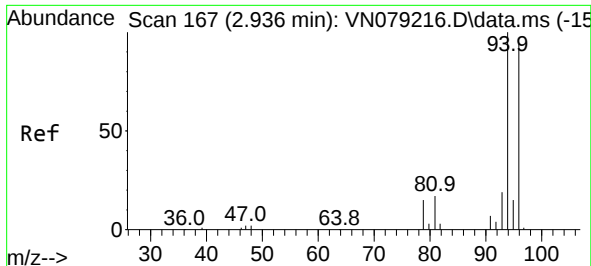
Tgt Ion: 62 Resp: 43824

Ion Ratio Lower Upper

62 100

64 33.2 26.2 39.2

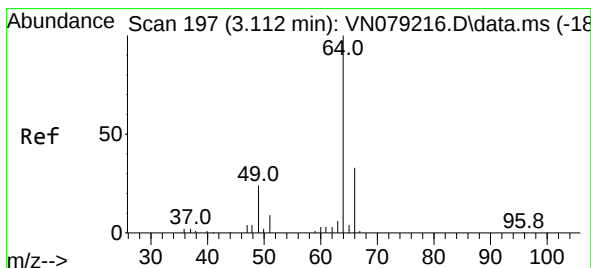
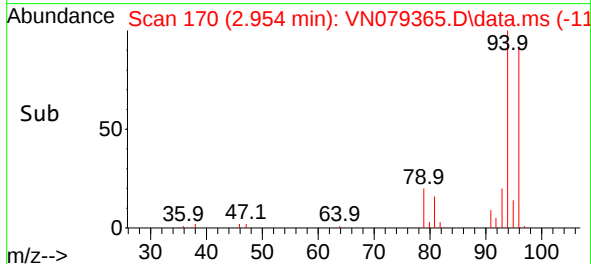
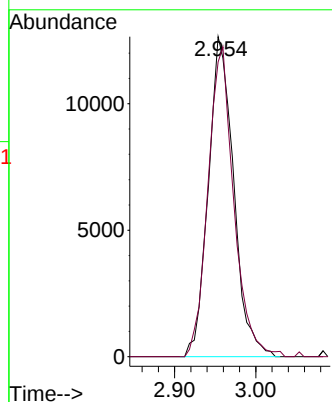
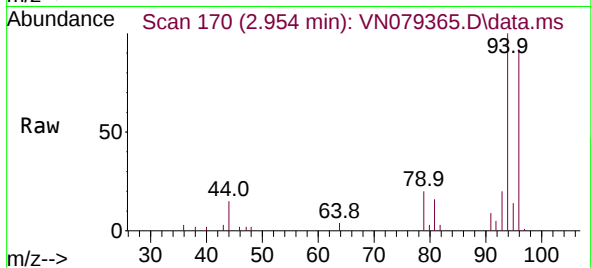




#5
Bromomethane
Concen: 20.884 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079365.D
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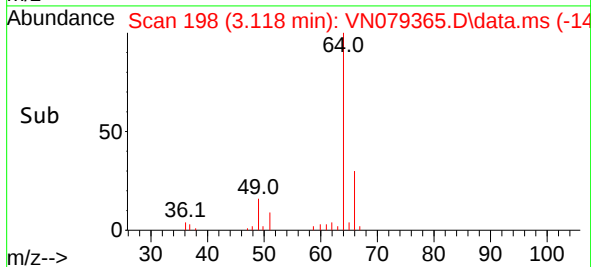
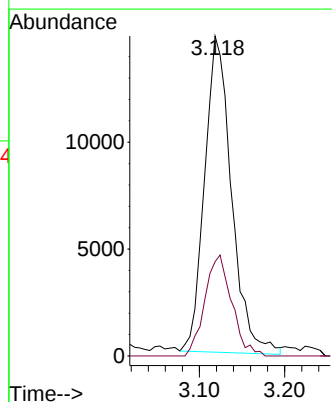
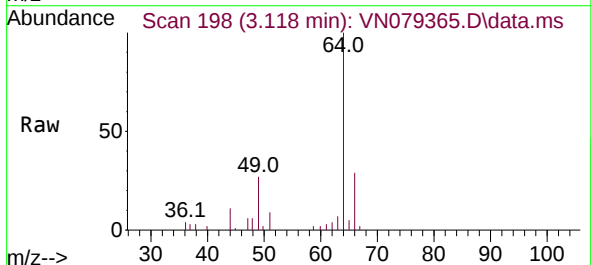
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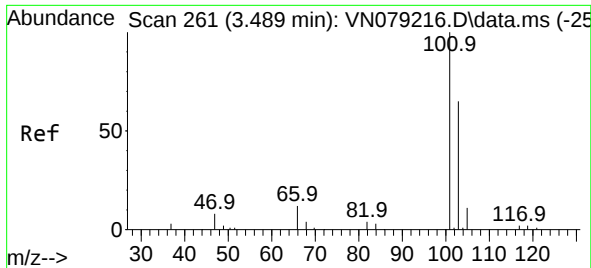
Tgt Ion: 94 Resp: 27435
Ion Ratio Lower Upper
94 100
96 92.1 73.1 109.7



#6
Chloroethane
Concen: 21.674 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

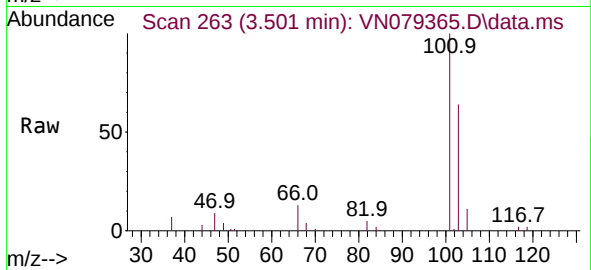
Tgt Ion: 64 Resp: 32489
Ion Ratio Lower Upper
64 100
66 29.9 25.4 38.2



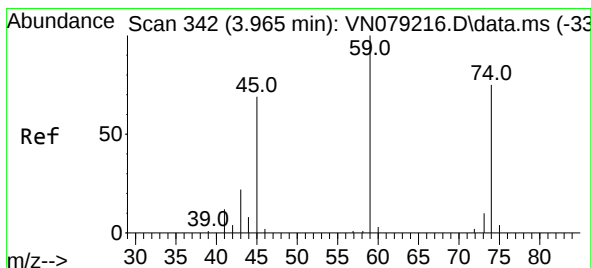
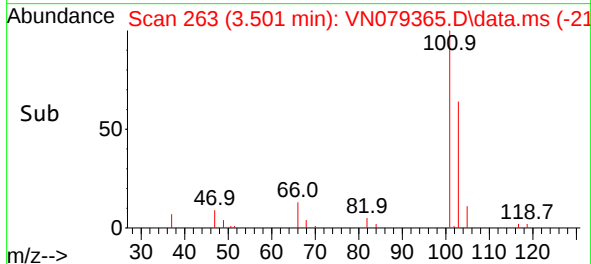
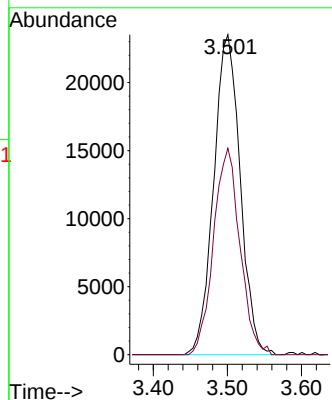


#7
 Trichlorofluoromethane
 Concen: 17.451 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN079365.D
 Acq: 28 Sep 2023 11:30

Instrument :
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 ClientSampleId :

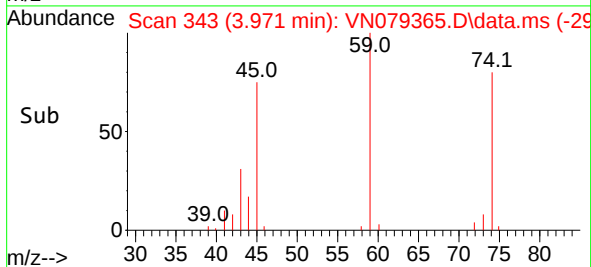
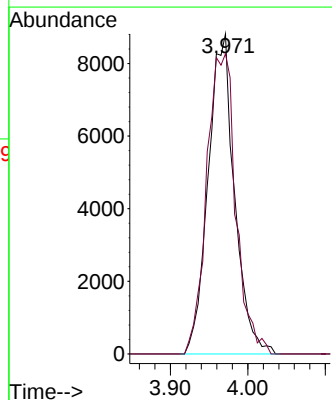
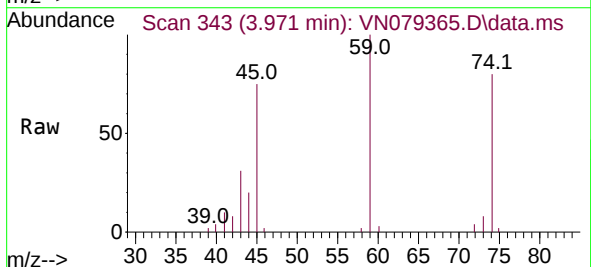


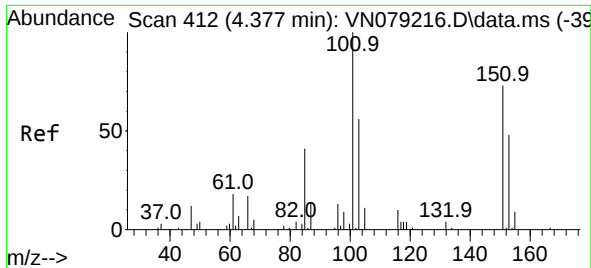
Tgt Ion:101 Resp: 58400
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.7 76.1



#8
 Diethyl Ether
 Concen: 17.925 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN079365.D
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Tgt Ion: 74 Resp: 20821
 Ion Ratio Lower Upper
 74 100
 45 103.4 34.4 103.3#

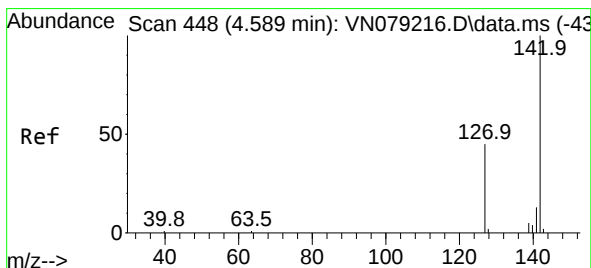
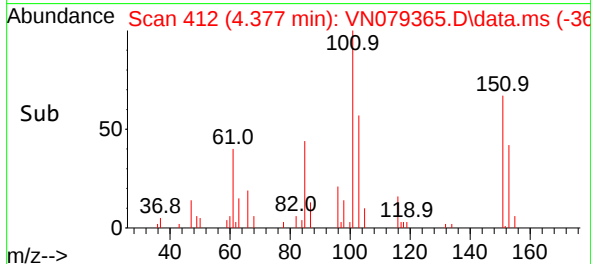
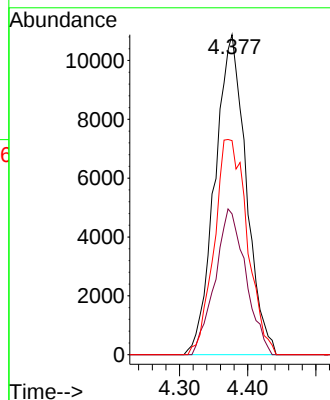
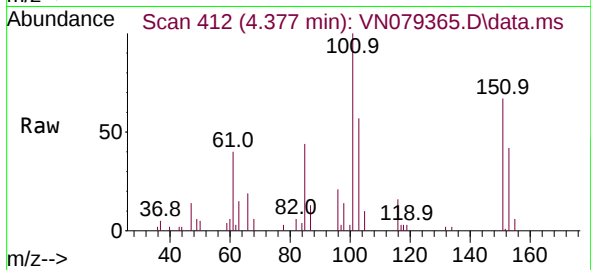




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.495 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

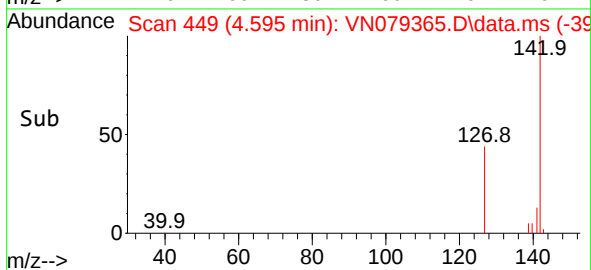
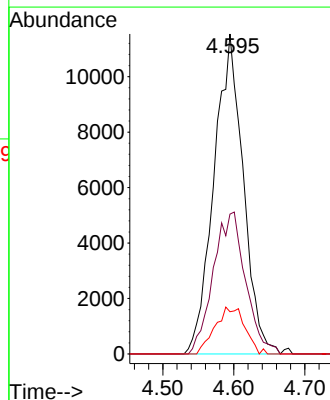
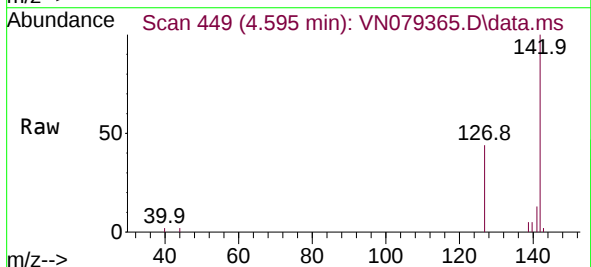
Instrument :
MSVOA_N
ClientSampleId :

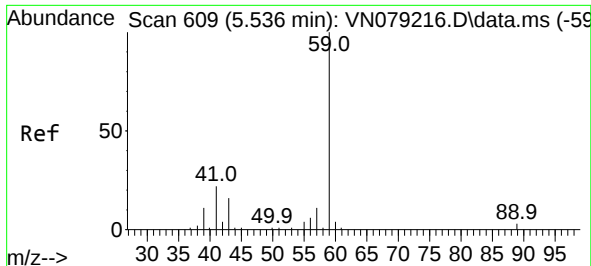
Tgt Ion	101	Resp	34697
Ion	Ratio	Lower	Upper
101	100		
85	44.7	36.6	55.0
151	71.1	57.6	86.4



#10
Methyl Iodide
Concen: 22.660 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Tgt Ion	142	Resp	32990
Ion	Ratio	Lower	Upper
142	100		
127	43.7	37.6	56.4
141	13.2	11.4	17.0

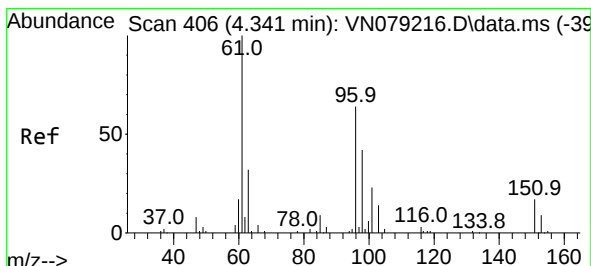
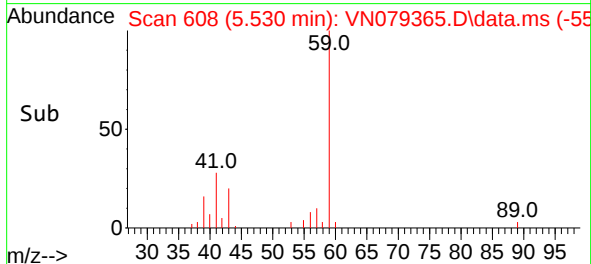
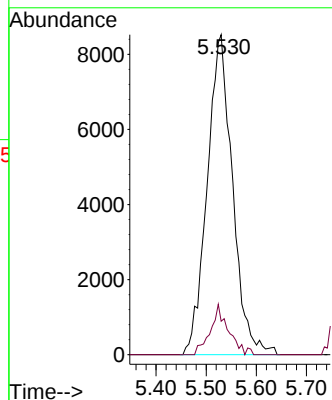
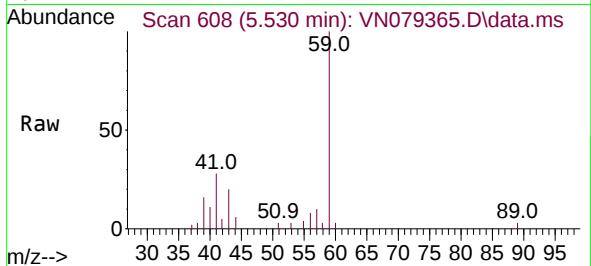




#11
Tert butyl alcohol
Concen: 74.509 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

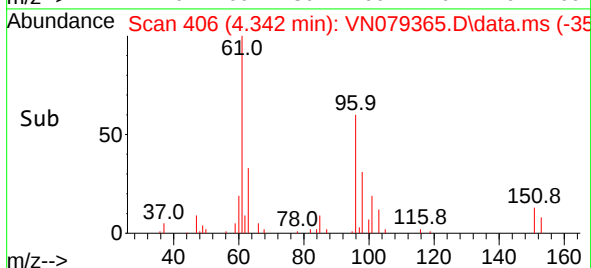
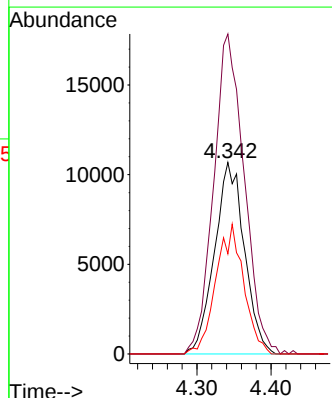
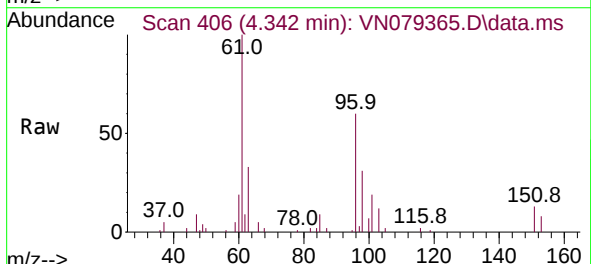
Instrument :
MSVOA_N
ClientSampleId :

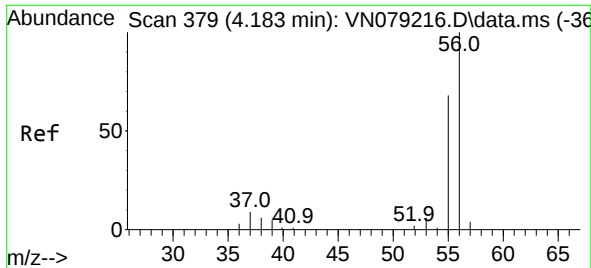
Tgt Ion: 59 Resp: 29986
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.357 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

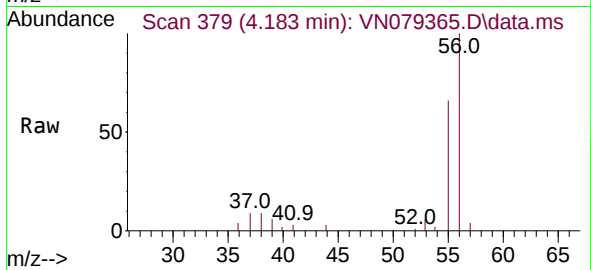
Tgt Ion: 96 Resp: 29894
Ion Ratio Lower Upper
96 100
61 167.1 112.7 169.1
98 52.3 51.2 76.8



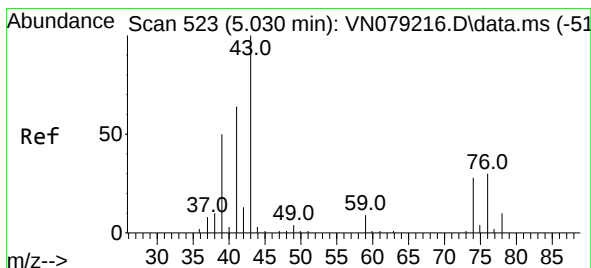
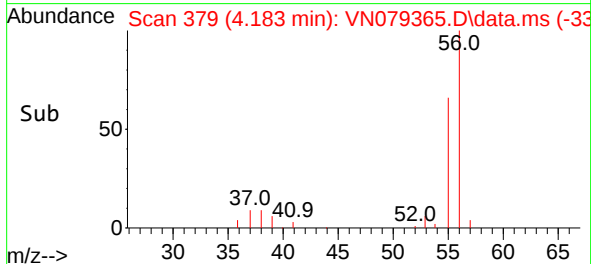
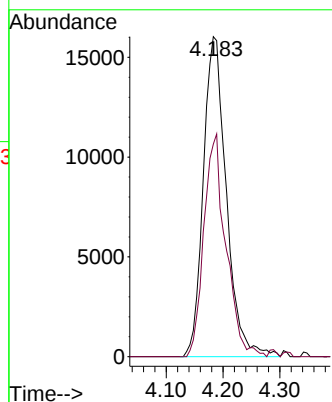


#13
Acrolein
Concen: 117.598 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Instrument :
MSVOA_N
ClientSampleId :

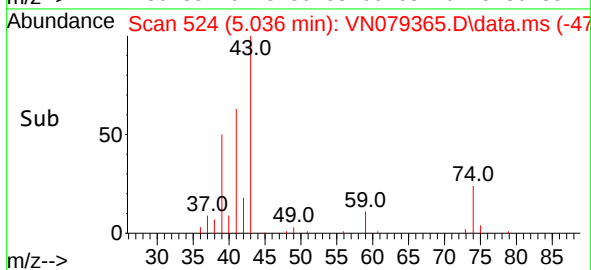
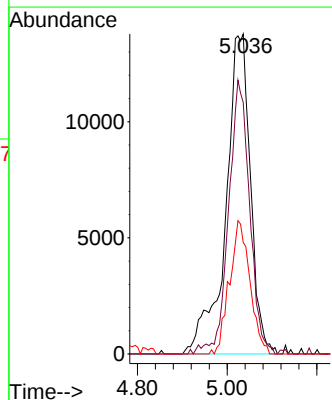
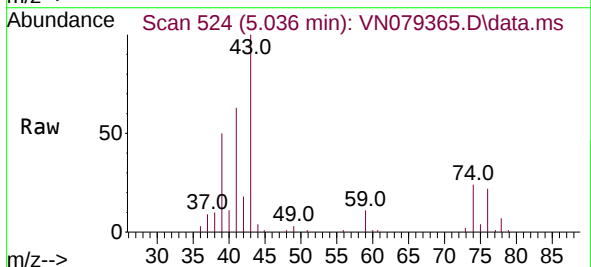


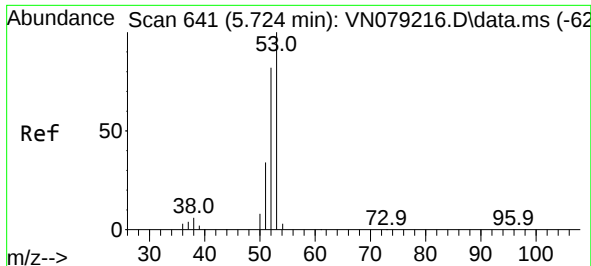
Tgt Ion: 56 Resp: 45145
Ion Ratio Lower Upper
56 100
55 66.4 54.5 81.7



#14
Allyl chloride
Concen: 19.324 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

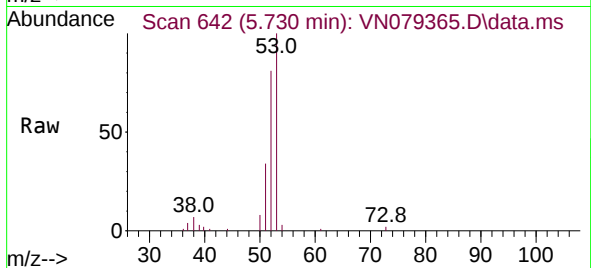
Tgt Ion: 41 Resp: 53091
Ion Ratio Lower Upper
41 100
39 72.5 58.8 88.2
76 34.2 39.1 58.7#





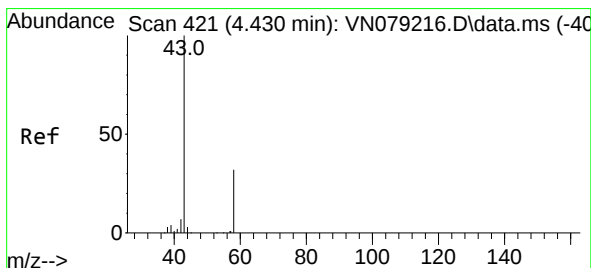
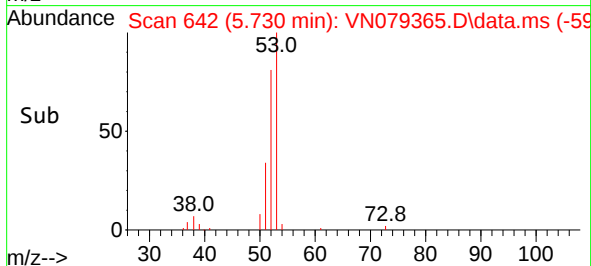
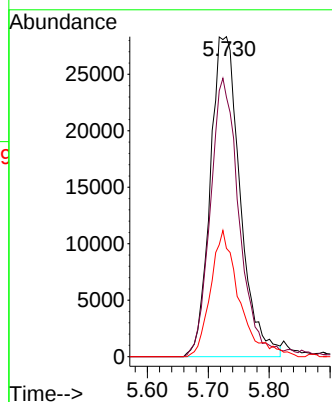
#15
Acrylonitrile
Concen: 92.496 ug/l
RT: 5.730 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 96523

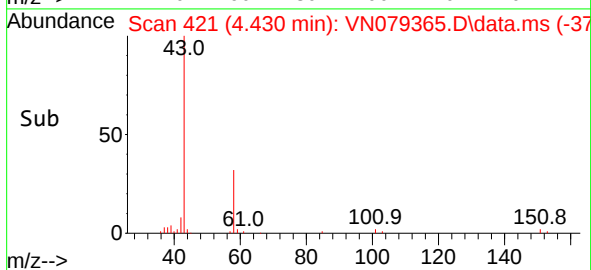
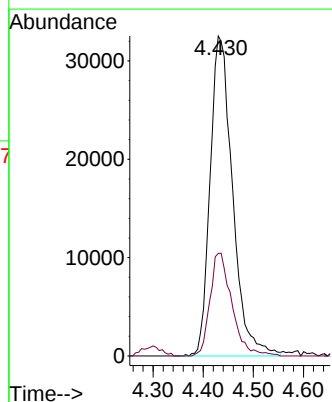
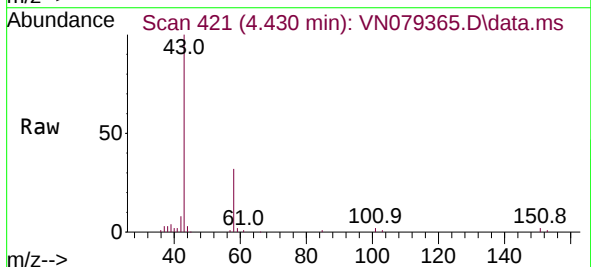
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.3	97.9
51	37.9	28.9	43.3

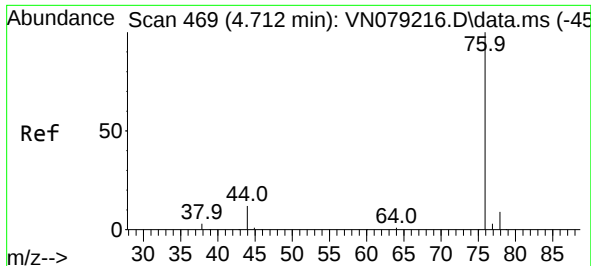


#16
Acetone
Concen: 109.284 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Tgt Ion: 43 Resp: 101175

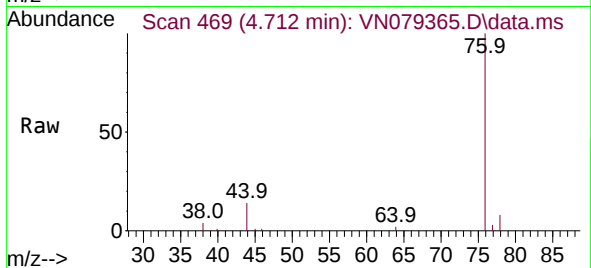
Ion	Ratio	Lower	Upper
43	100		
58	32.1	28.0	42.0



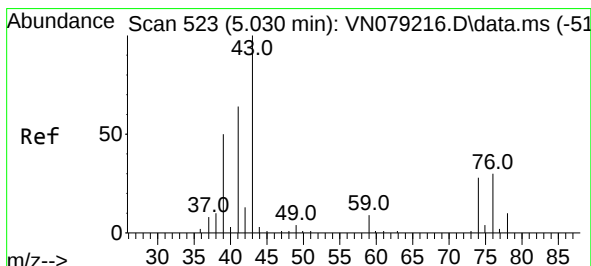
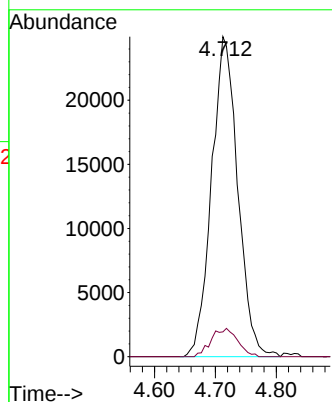
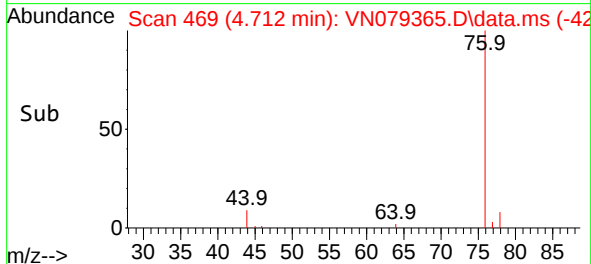


#17
Carbon Disulfide
Concen: 13.857 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Instrument :
MSVOA_N
ClientSampleId :

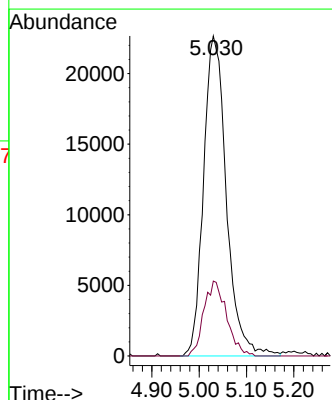
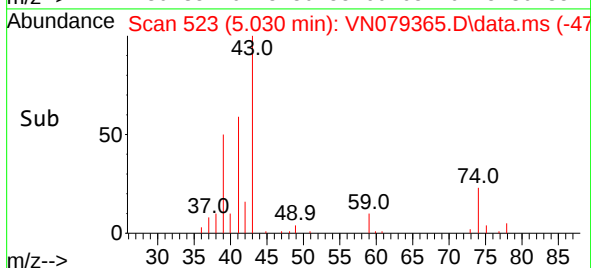
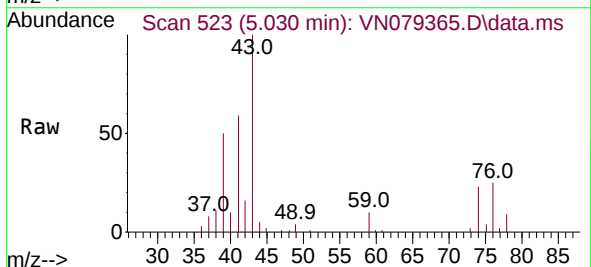


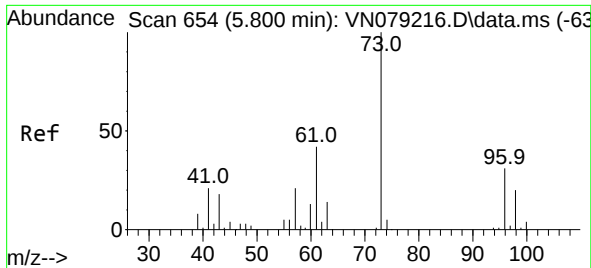
Tgt Ion: 76 Resp: 74592
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.0



#18
Methyl Acetate
Concen: 19.965 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Tgt Ion: 43 Resp: 75967
Ion Ratio Lower Upper
43 100
74 23.3 26.2 39.4#

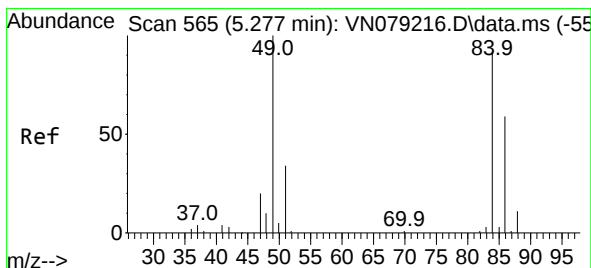
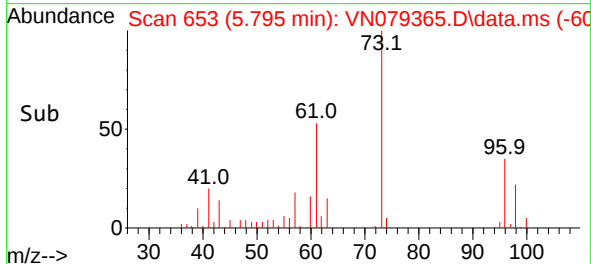
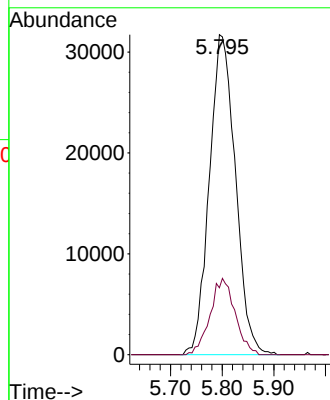
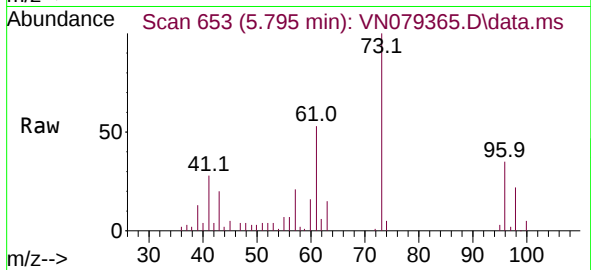




#19
Methyl tert-butyl Ether
Concen: 18.806 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.023 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

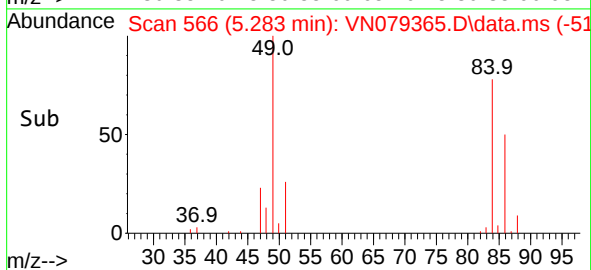
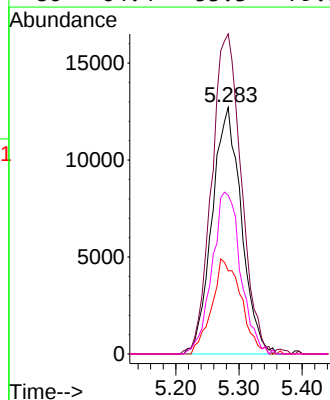
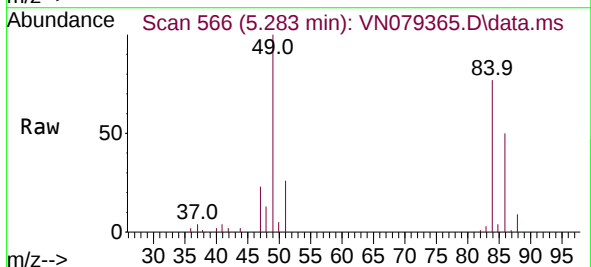
Instrument :
MSVOA_N
ClientSampleId :

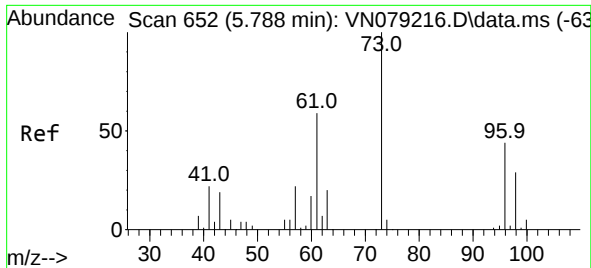
Tgt Ion: 73 Resp: 111081
Ion Ratio Lower Upper
73 100
57 20.9 15.6 23.4



#20
Methylene Chloride
Concen: 18.182 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

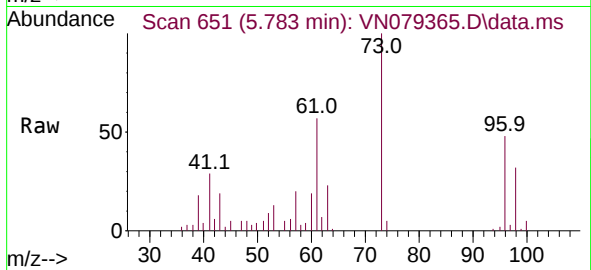
Tgt Ion: 84 Resp: 40962
Ion Ratio Lower Upper
84 100
49 129.8 79.7 119.5#
51 33.8 25.2 37.8
86 64.4 53.3 79.9



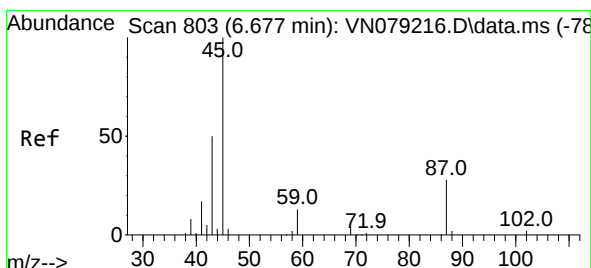
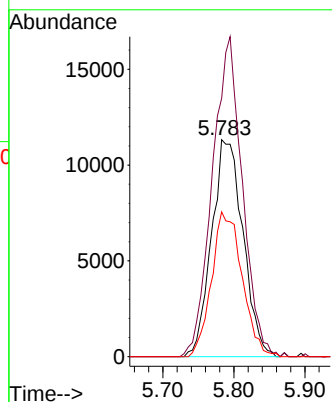
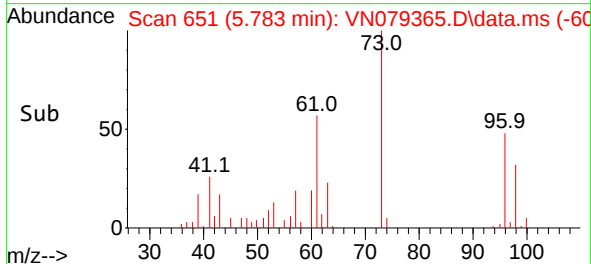


#21
trans-1,2-Dichloroethene
Concen: 17.388 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Instrument :
MSVOA_N
ClientSampleId :

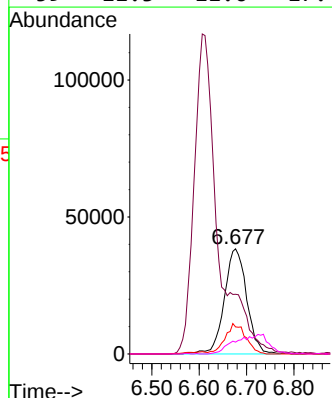
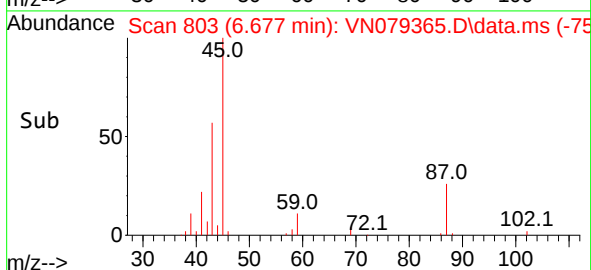
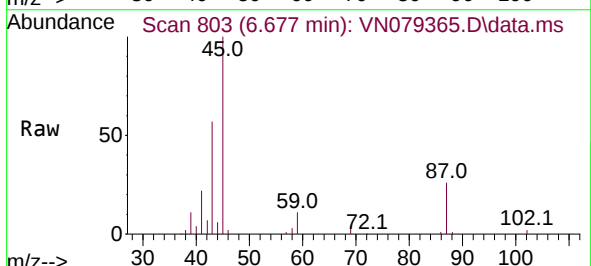


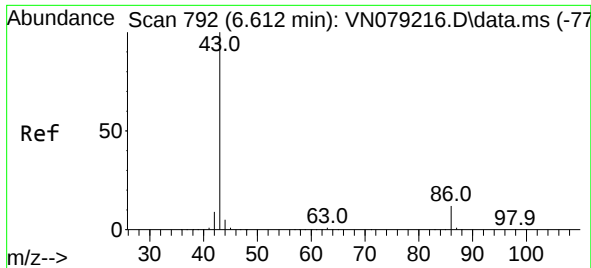
Tgt Ion: 96 Resp: 34740
Ion Ratio Lower Upper
96 100
61 119.1 90.1 135.1
98 66.7 46.4 69.6



#22
Diisopropyl ether
Concen: 20.867 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Tgt Ion: 45 Resp: 125788
Ion Ratio Lower Upper
45 100
43 54.8 45.5 68.3
87 25.7 31.8 47.8#
59 11.3 11.6 17.4#

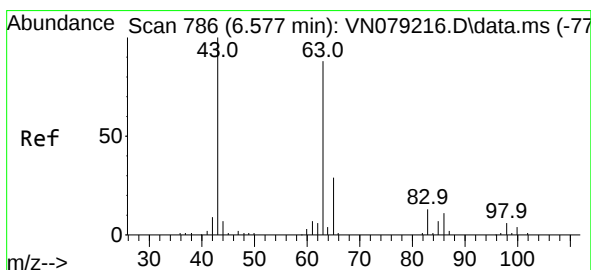
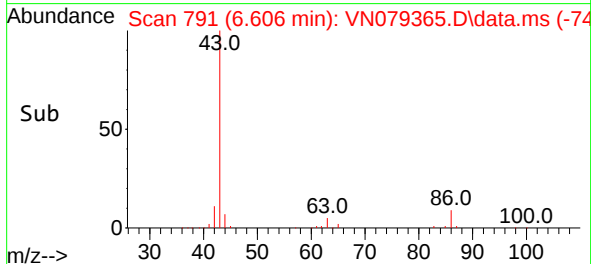
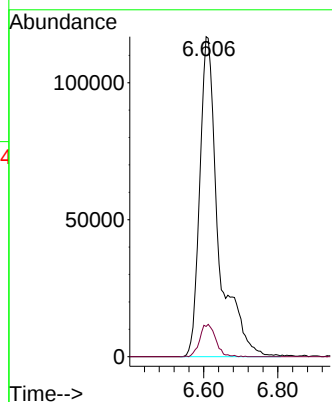
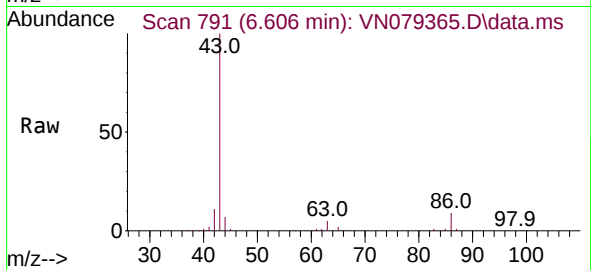




#23
 Vinyl Acetate
 Concen: 110.600 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079365.D
 Acq: 28 Sep 2023 11:30

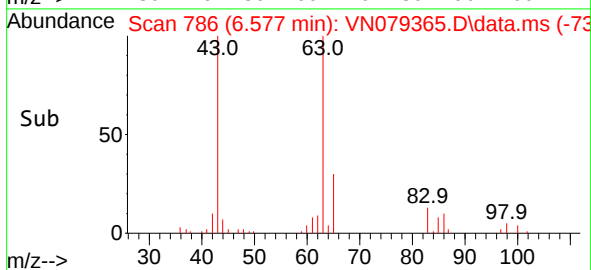
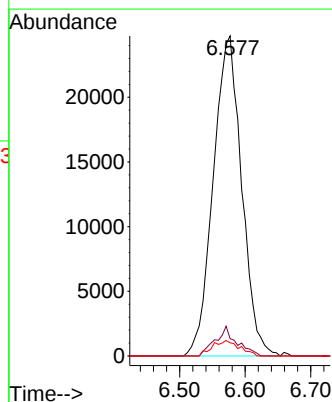
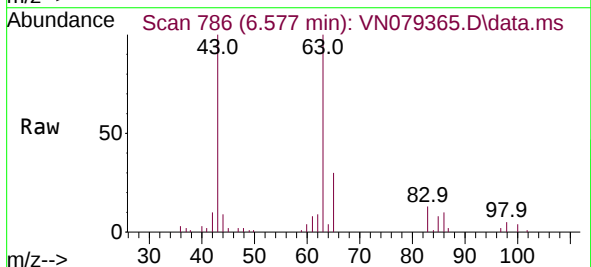
Instrument :
 MSVOA_N
 ClientSampleId :

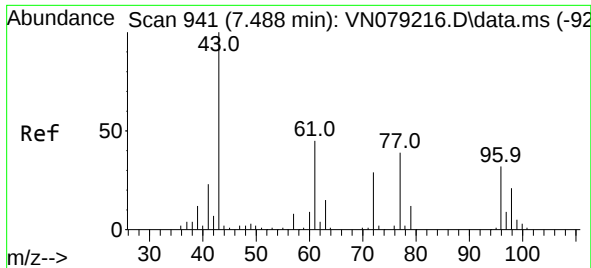
Tgt Ion: 43 Resp: 410086
 Ion Ratio Lower Upper
 43 100
 86 9.4 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 20.017 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079365.D
 Acq: 28 Sep 2023 11:30

Tgt Ion: 63 Resp: 74387
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.9 11.7
 100 4.1 2.5 7.4

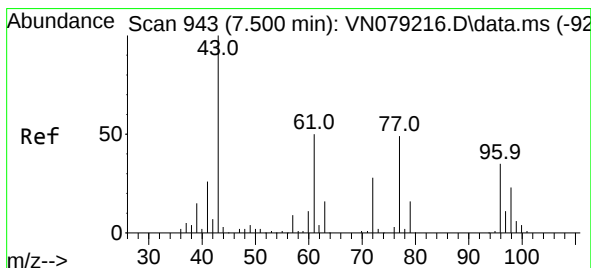
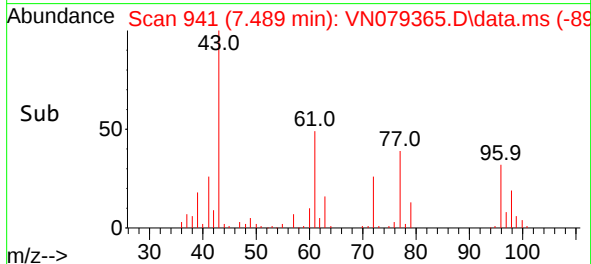
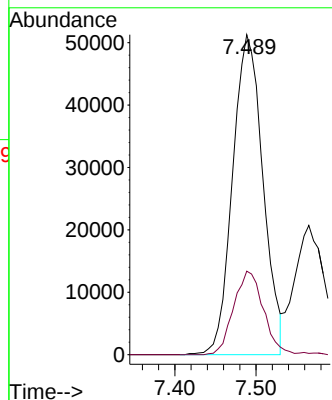
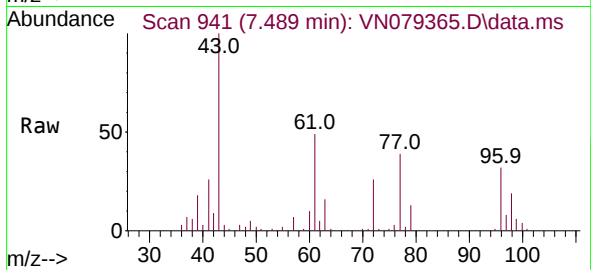




#25
2-Butanone
Concen: 99.176 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

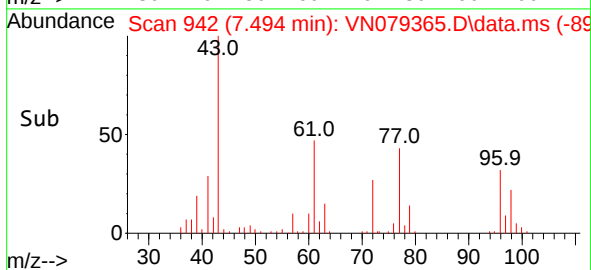
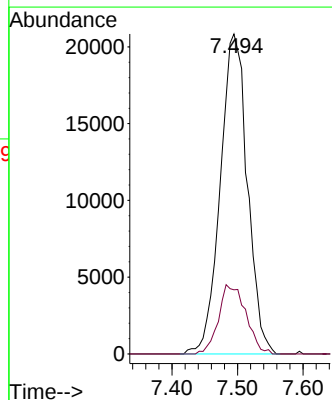
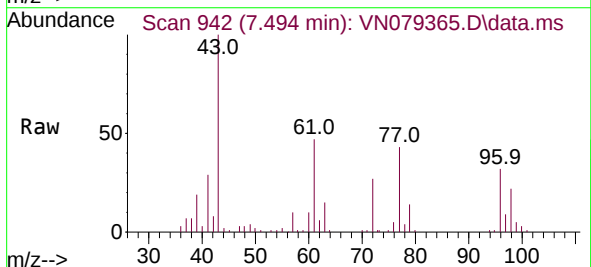
Instrument :
MSVOA_N
ClientSampleId :

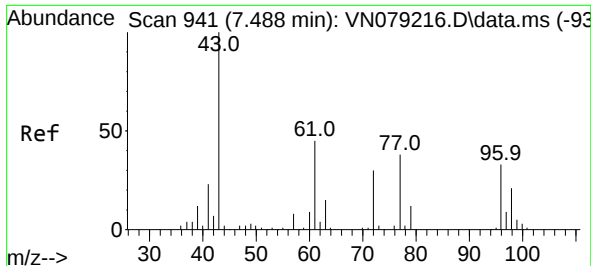
Tgt Ion: 43 Resp: 133219
Ion Ratio Lower Upper
43 100
72 26.1 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 19.640 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Tgt Ion: 77 Resp: 59891
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 18.111 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.011 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

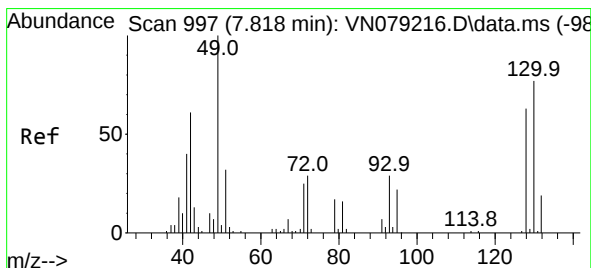
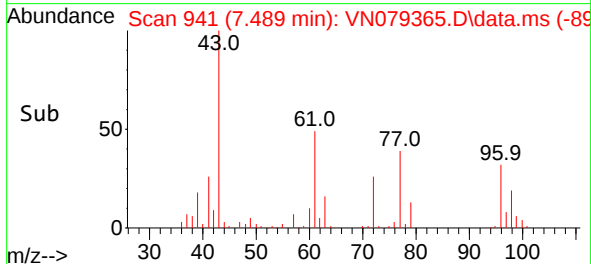
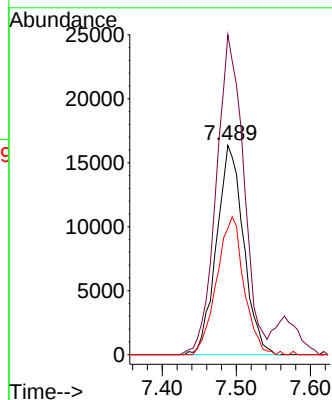
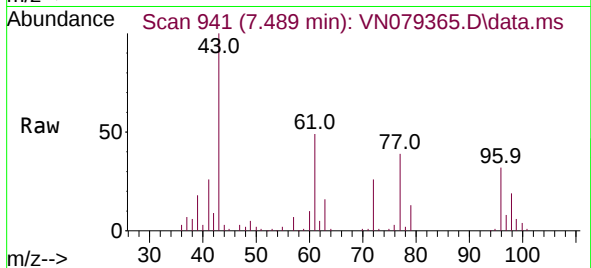
Tgt Ion: 96 Resp: 41374

Ion Ratio Lower Upper

96 100

61 155.2 0.0 255.2

98 66.6 0.0 128.8



#28

Bromochloromethane

Concen: 16.595 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

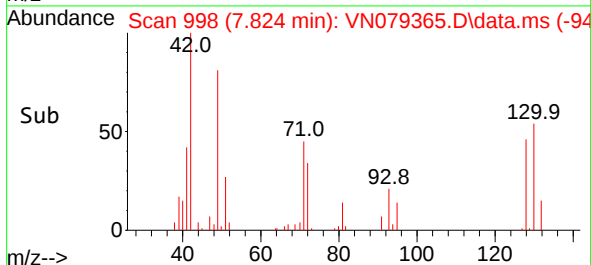
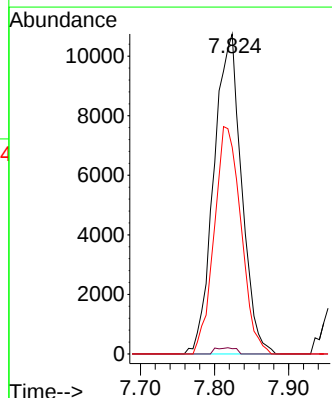
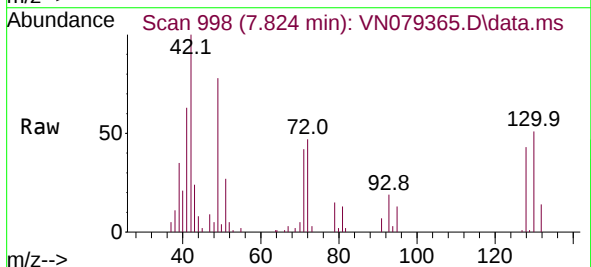
Tgt Ion: 49 Resp: 27883

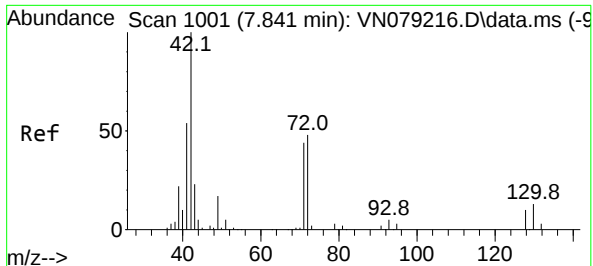
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.8

130 68.9 75.3 112.9#





#29

Tetrahydrofuran

Concen: 95.447 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

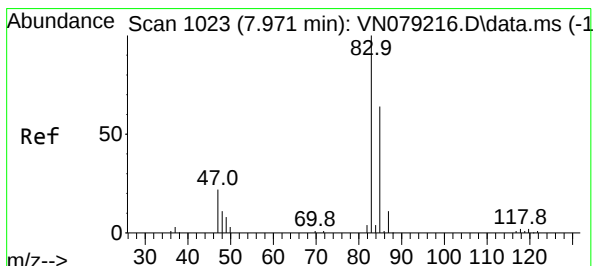
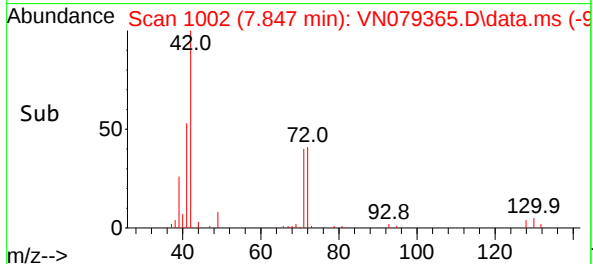
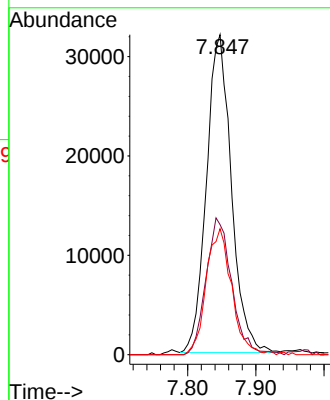
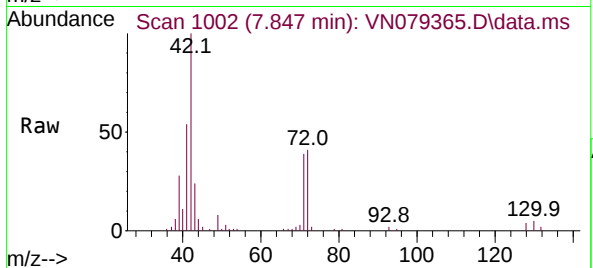
Tgt Ion: 42 Resp: 81590

Ion Ratio Lower Upper

42 100

72 44.2 49.8 74.6#

71 40.0 47.4 71.2#



#30

Chloroform

Concen: 19.855 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079365.D

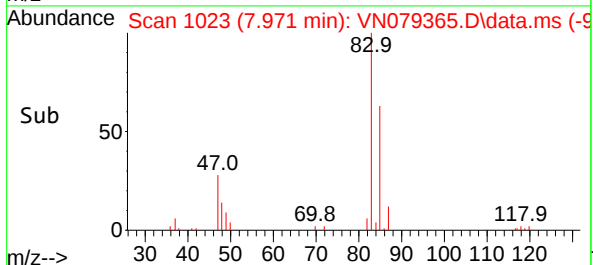
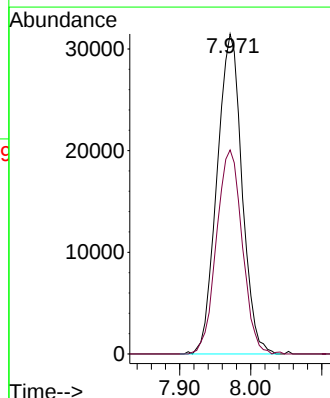
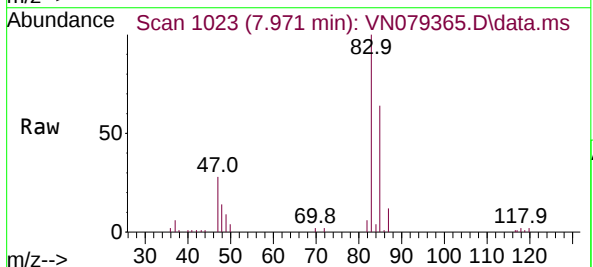
Acq: 28 Sep 2023 11:30

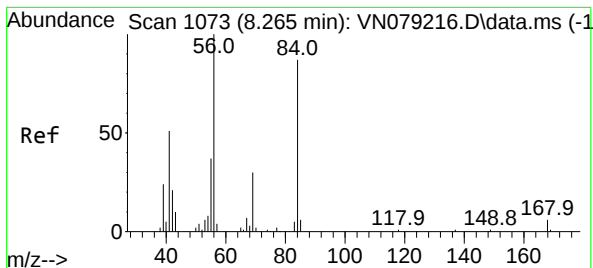
Tgt Ion: 83 Resp: 76820

Ion Ratio Lower Upper

83 100

85 63.8 55.4 83.0





#31

Cyclohexane

Concen: 18.109 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

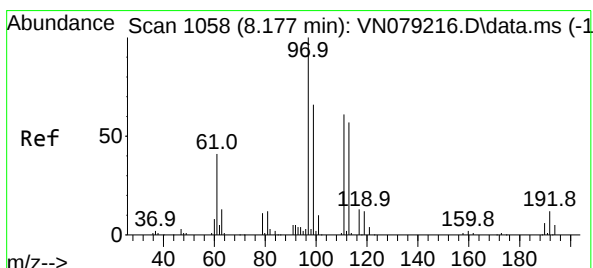
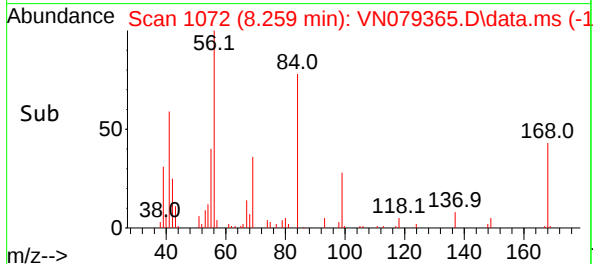
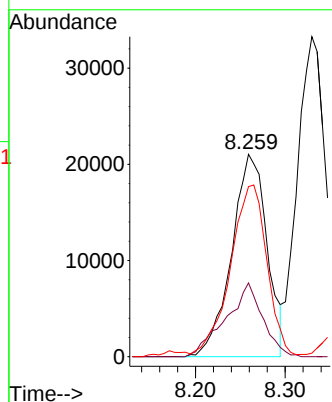
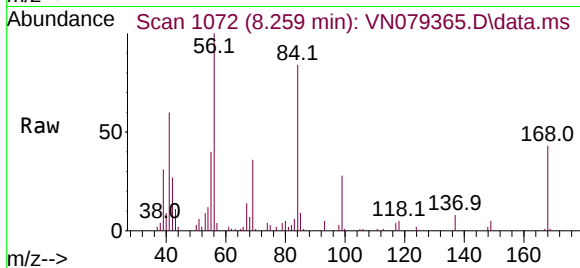
Tgt Ion: 56 Resp: 57639

Ion Ratio Lower Upper

56 100

69 36.5 26.8 40.2

84 82.0 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 19.361 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

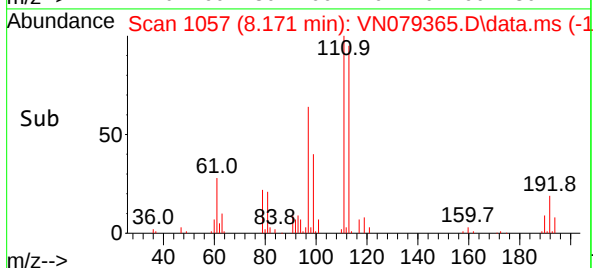
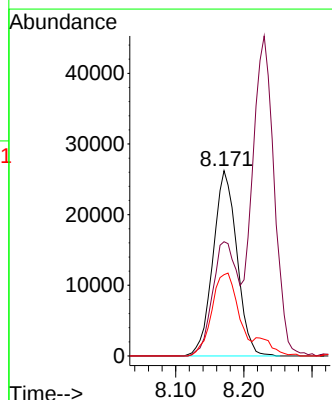
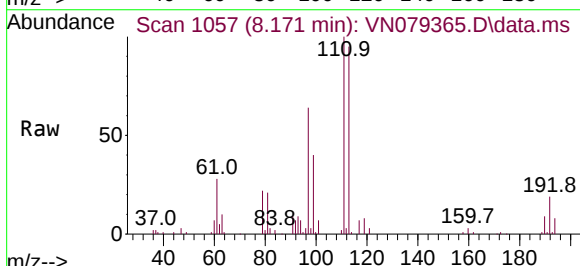
Tgt Ion: 97 Resp: 63856

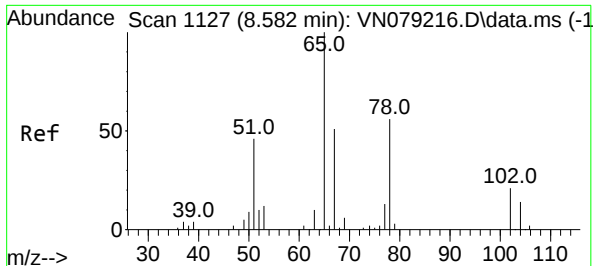
Ion Ratio Lower Upper

97 100

99 62.8 50.3 75.5

61 49.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.942 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

Instrument :

MSVOA_N

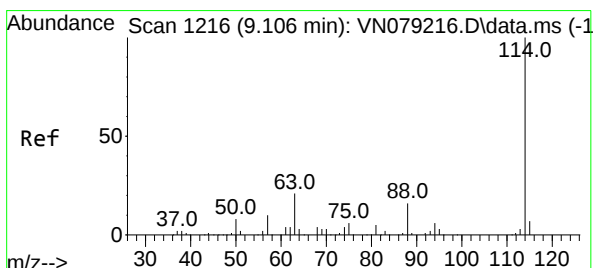
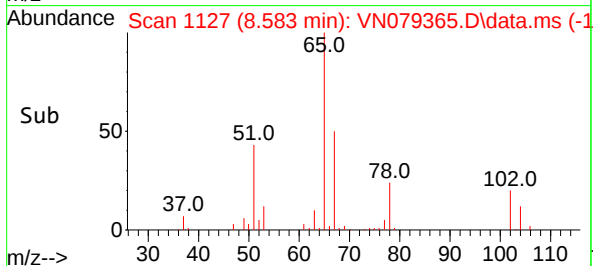
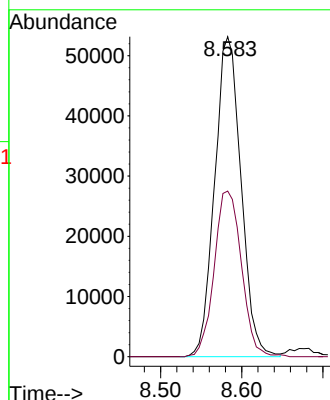
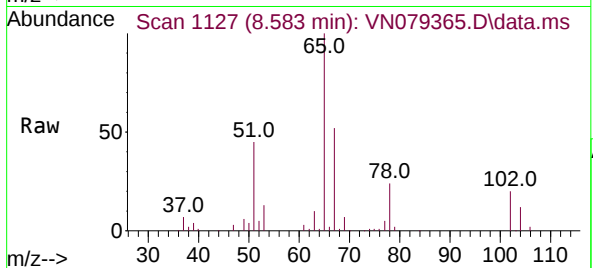
ClientSampleId :

Tgt Ion: 65 Resp: 119766

Ion Ratio Lower Upper

65 100

67 53.5 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: VN079365.D

Acq: 28 Sep 2023 11:30

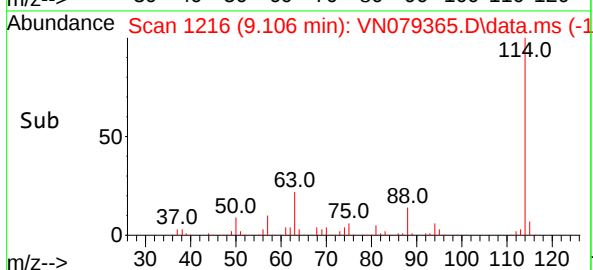
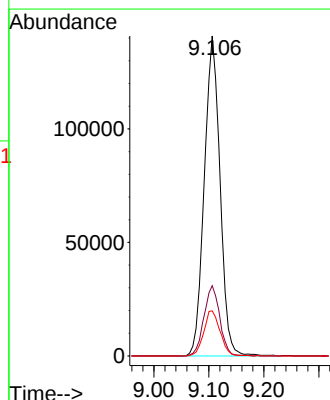
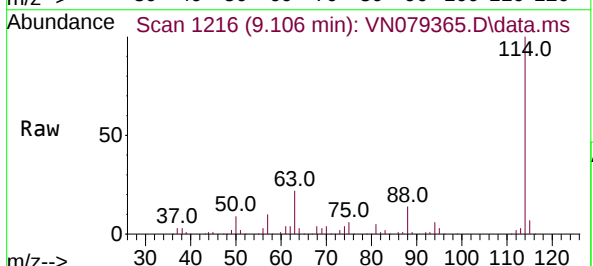
Tgt Ion: 114 Resp: 280529

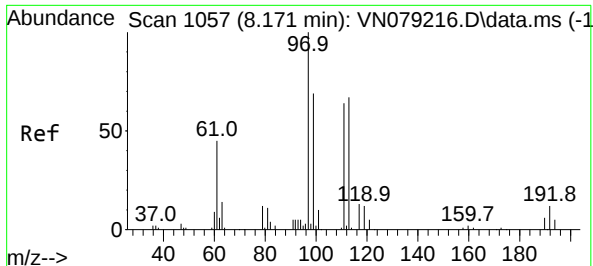
Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

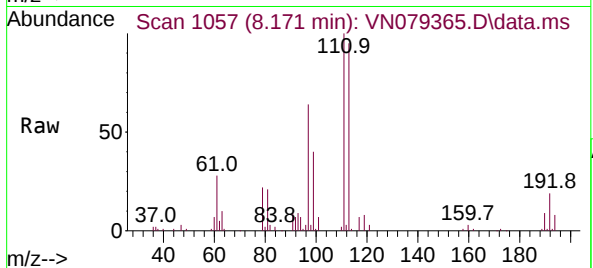
88 14.1 0.0 30.6



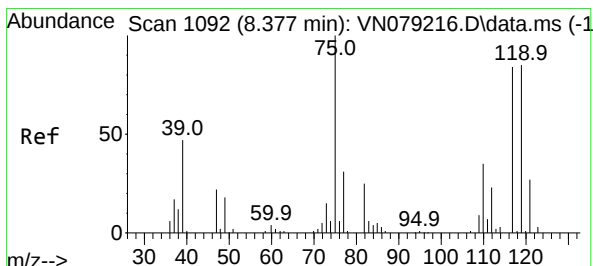
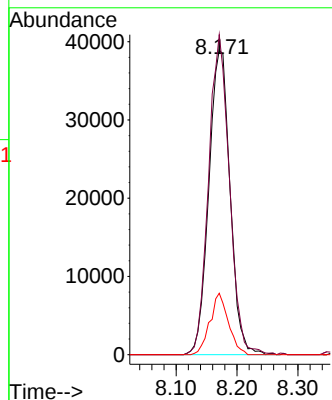
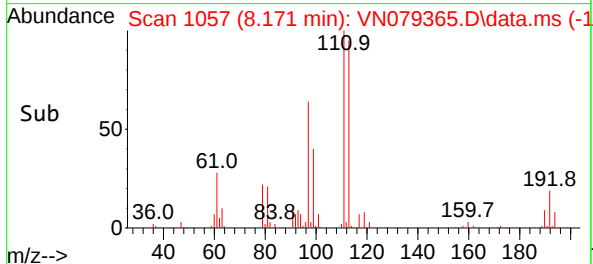


#35
Dibromofluoromethane
Concen: 50.648 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

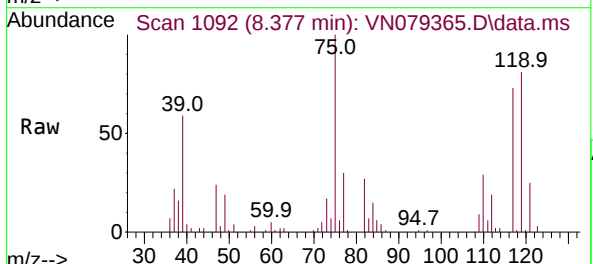
Instrument :
MSVOA_N
ClientSampleId :



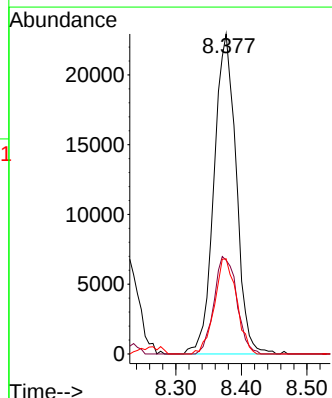
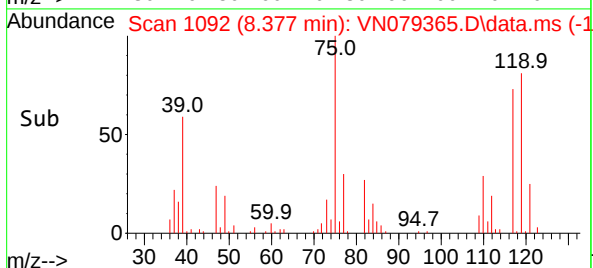
Tgt Ion:113 Resp: 94510
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 17.5 12.7 19.1

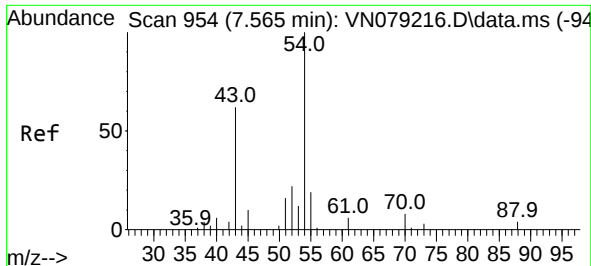


#36
1,1-Dichloropropene
Concen: 18.656 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30



Tgt Ion: 75 Resp: 53659
Ion Ratio Lower Upper
75 100
110 31.3 19.1 57.3
77 29.8 25.0 37.4





#37

Ethyl Acetate

Concen: 17.821 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

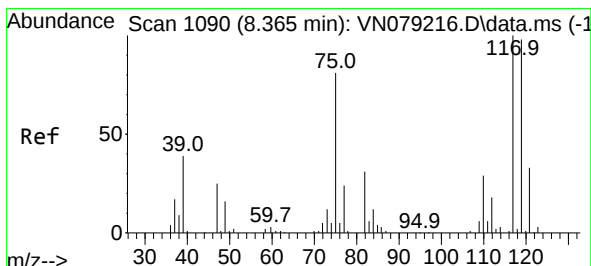
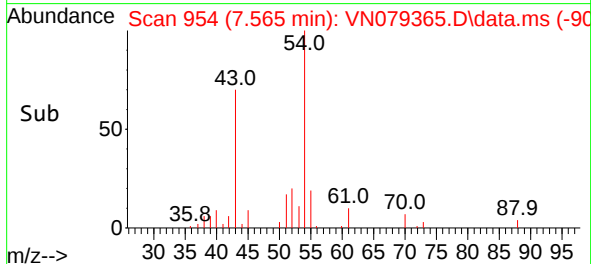
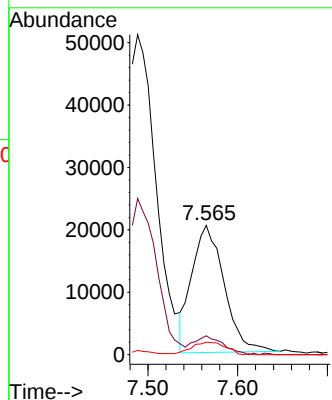
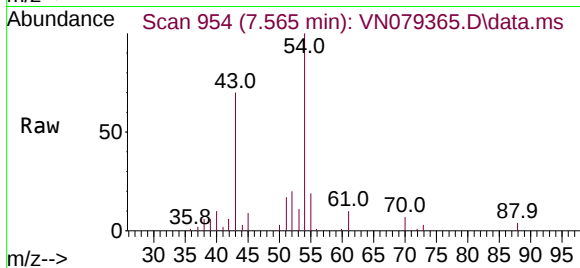
Tgt Ion: 43 Resp: 51127

Ion Ratio Lower Upper

43 100

61 13.4 13.2 19.8

70 10.6 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 17.863 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

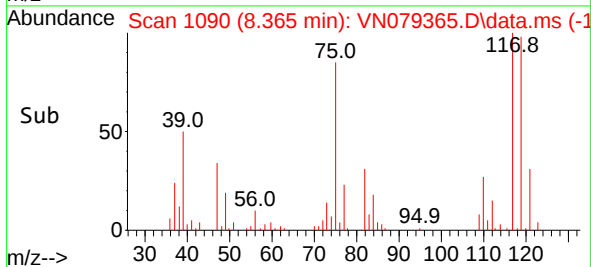
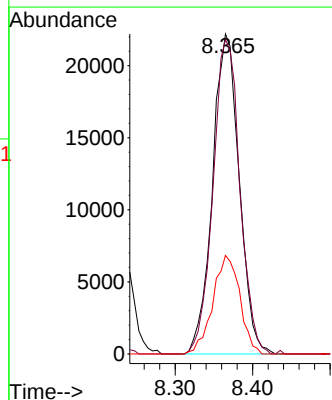
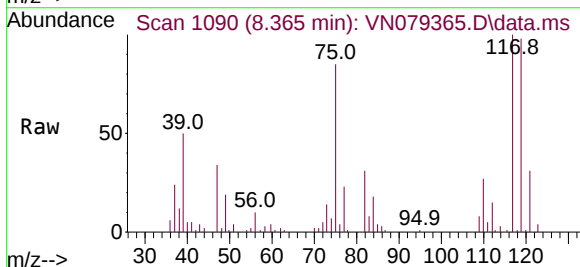
Tgt Ion: 117 Resp: 53170

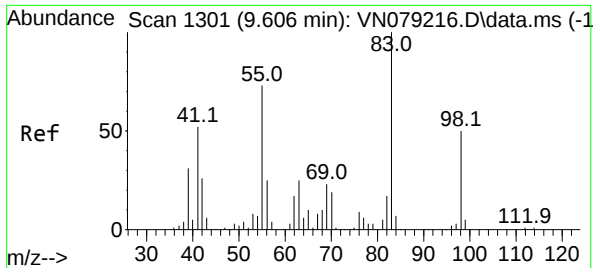
Ion Ratio Lower Upper

117 100

119 98.3 77.3 115.9

121 30.8 23.3 34.9

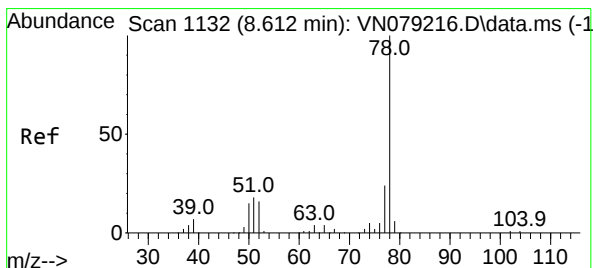
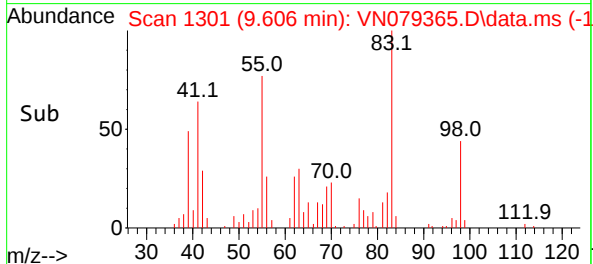
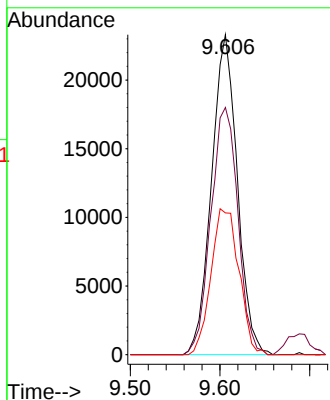
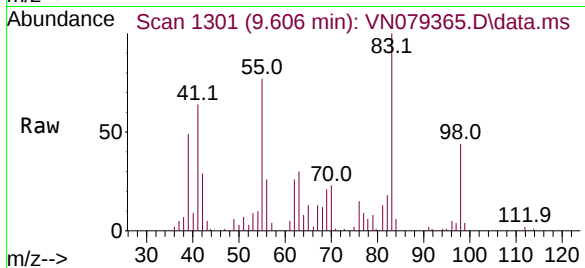




#39
Methylcyclohexane
Concen: 16.395 ug/l
RT: 9.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

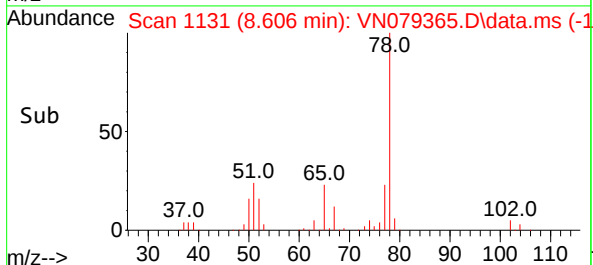
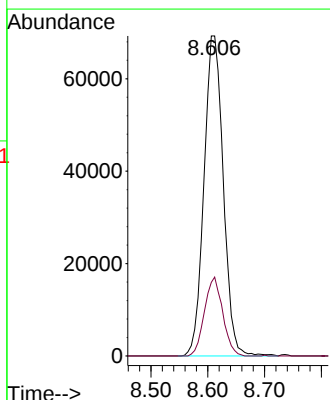
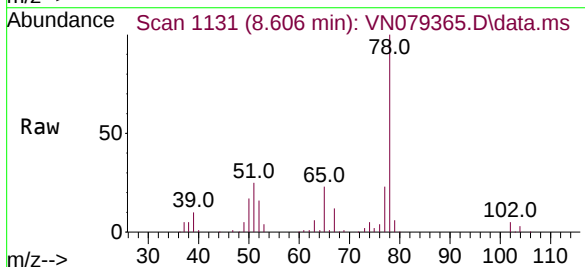
Instrument :
MSVOA_N
ClientSampleId :

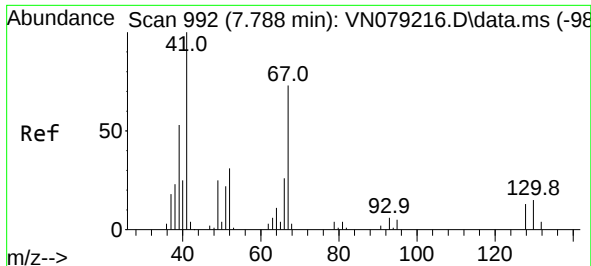
Tgt Ion: 83 Resp: 46515
Ion Ratio Lower Upper
83 100
55 77.2 49.1 73.7#
98 44.3 40.6 61.0



#40
Benzene
Concen: 18.571 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Tgt Ion: 78 Resp: 163520
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6

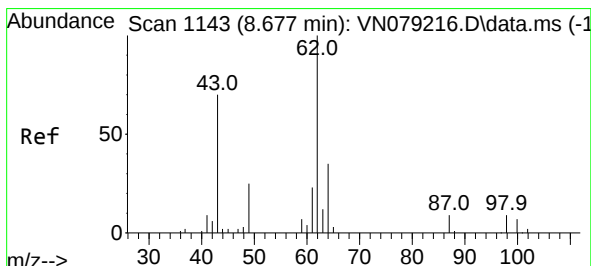
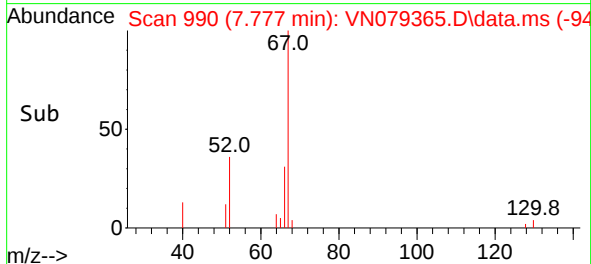
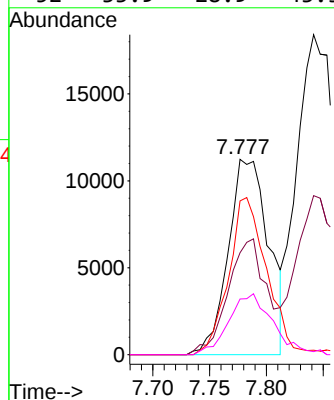
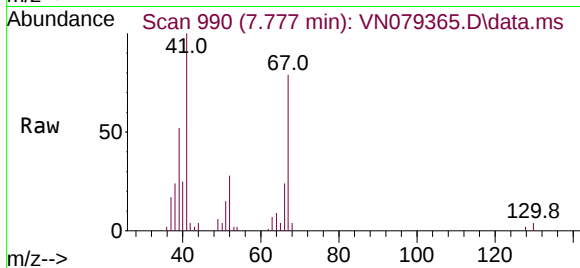




#41
Methacrylonitrile
Concen: 19.283 ug/l
RT: 7.777 min Scan# 992
Delta R.T. -0.017 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

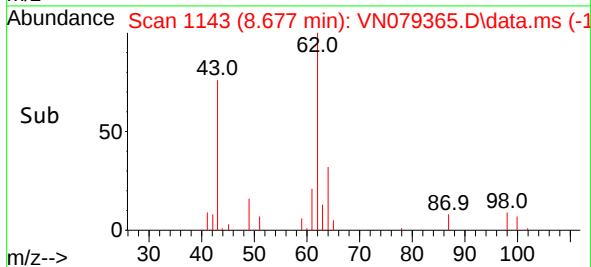
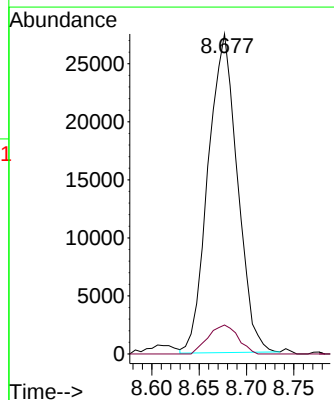
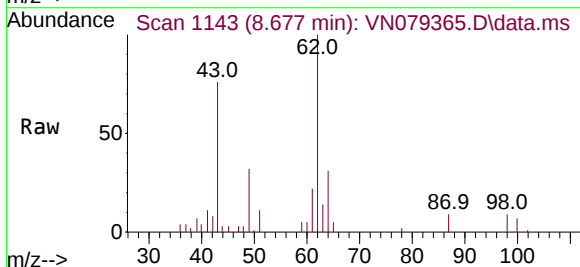
Instrument :
MSVOA_N
ClientSampleId :

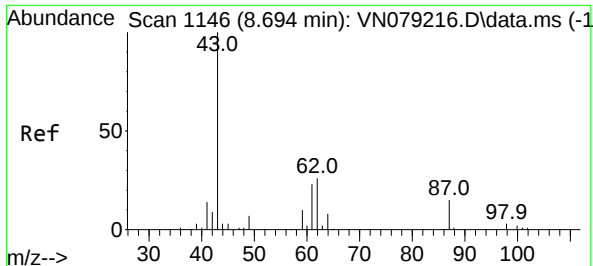
Tgt Ion:	41	Resp:	27892
Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.6	64.0
67	76.4	77.5	116.3
52	33.9	28.9	43.3



#42
1,2-Dichloroethane
Concen: 19.507 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Tgt Ion:	62	Resp:	59130
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.8





#43

Isopropyl Acetate

Concen: 18.728 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

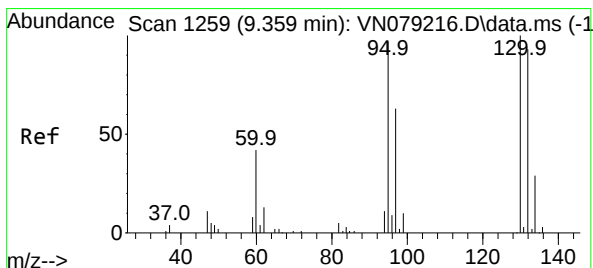
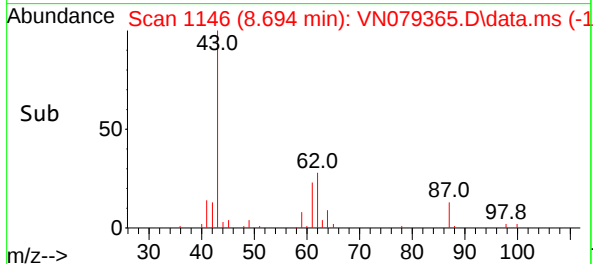
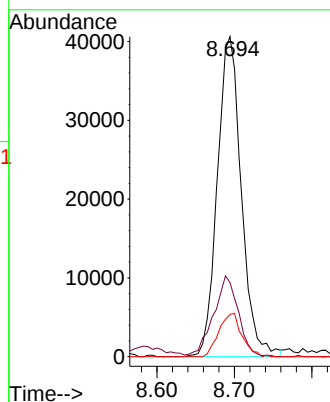
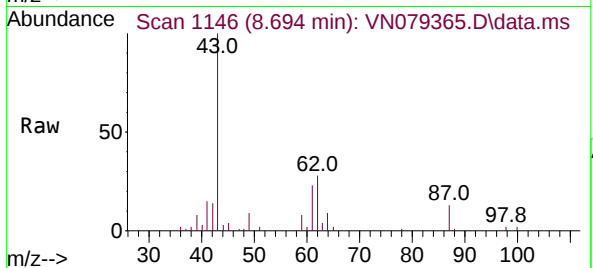
Tgt Ion: 43 Resp: 87669

Ion Ratio Lower Upper

43 100

61 26.1 24.7 37.1

87 13.0 14.6 21.8#



#44

Trichloroethene

Concen: 17.239 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VN079365.D

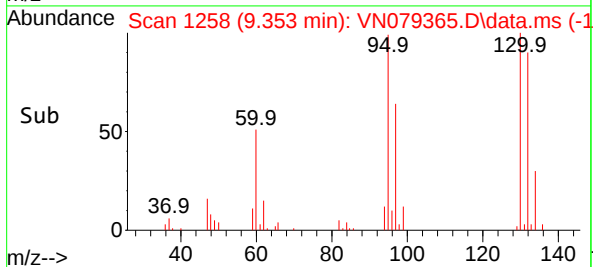
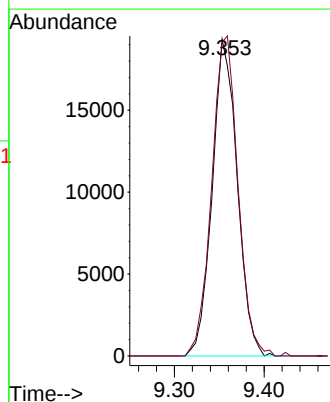
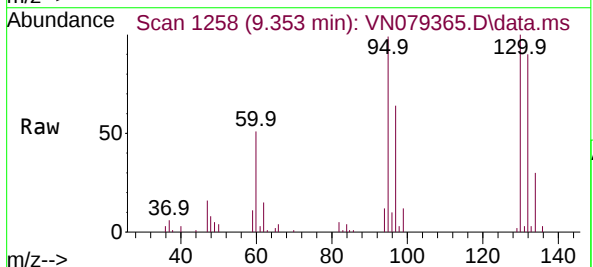
Acq: 28 Sep 2023 11:30

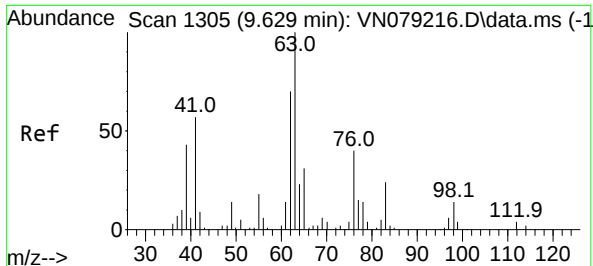
Tgt Ion:130 Resp: 37392

Ion Ratio Lower Upper

130 100

95 99.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.482 ug/l

RT: 9.630 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

Instrument :

MSVOA_N

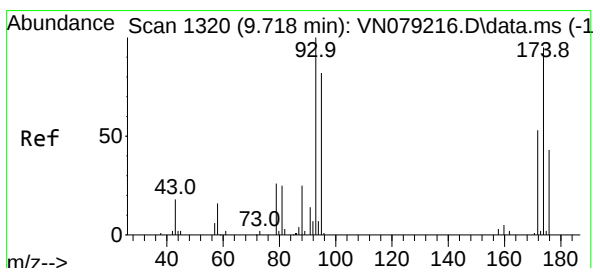
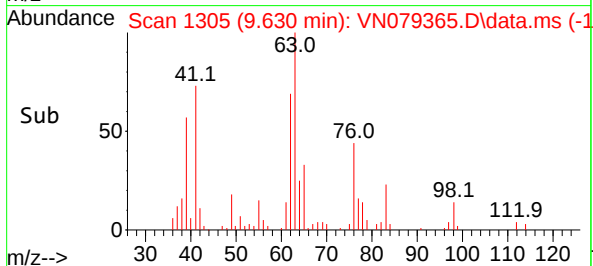
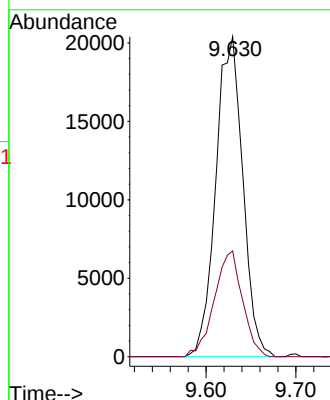
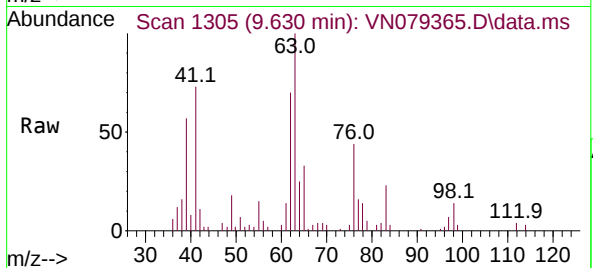
ClientSampleId :

Tgt Ion: 63 Resp: 42572

Ion Ratio Lower Upper

63 100

65 33.1 23.9 35.9



#46

Dibromomethane

Concen: 19.442 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

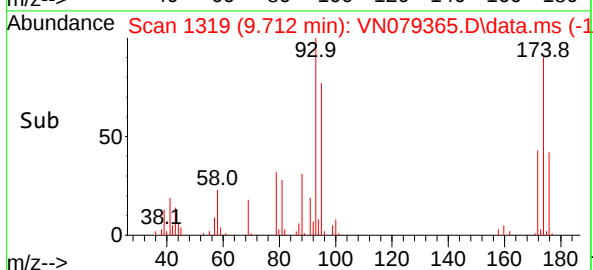
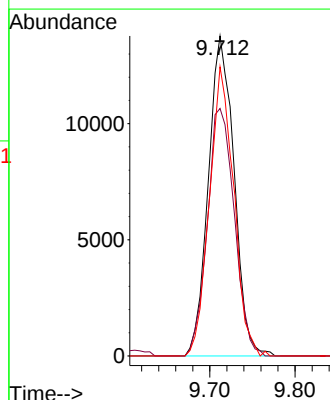
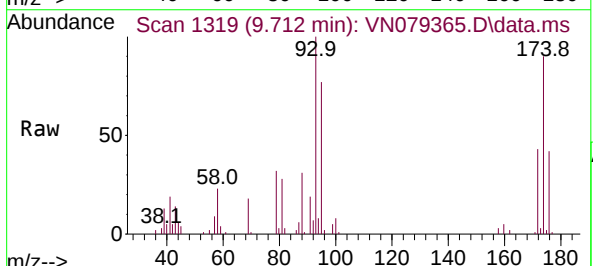
Tgt Ion: 93 Resp: 28841

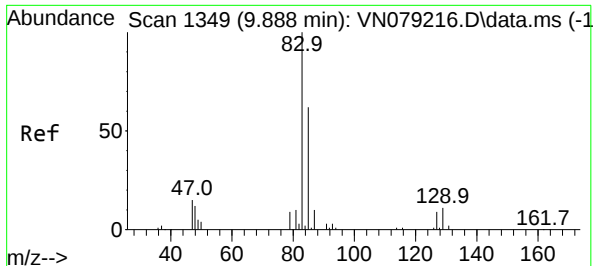
Ion Ratio Lower Upper

93 100

95 81.2 63.8 95.8

174 85.5 65.6 98.4





#47

Bromodichloromethane

Concen: 19.943 ug/l

RT: 9.894 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079365.D

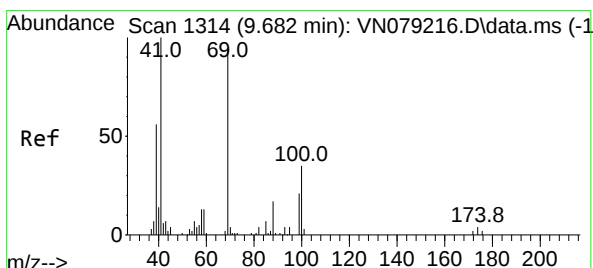
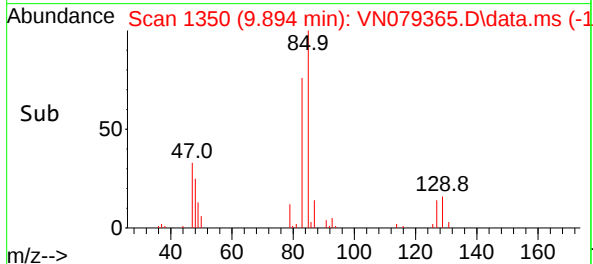
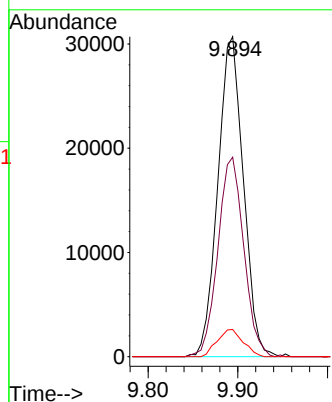
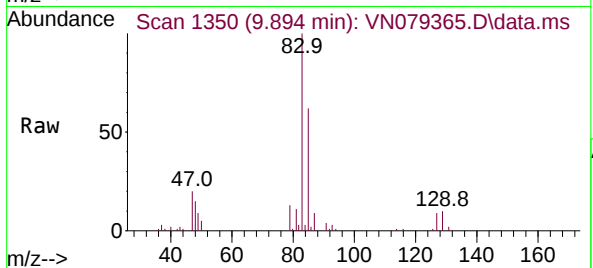
Acq: 28 Sep 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 60594
Ion Ratio	Lower Upper
83	100
85	62.4 49.6 74.4
127	8.5 7.0 10.6



#48

Methyl methacrylate

Concen: 18.081 ug/l

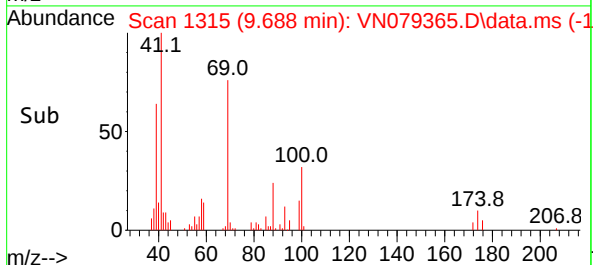
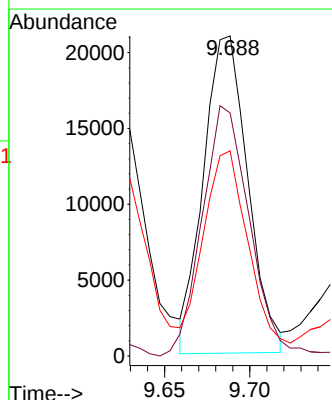
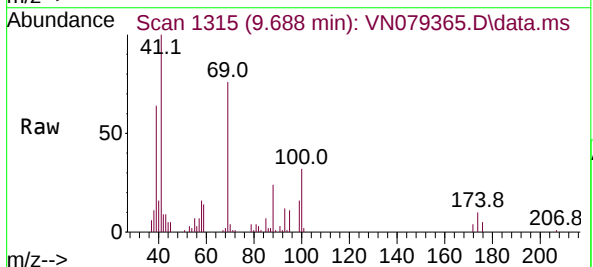
RT: 9.688 min Scan# 1315

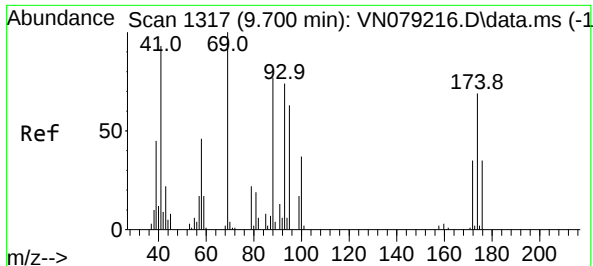
Delta R.T. 0.000 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

Tgt Ion: 41	Resp: 37912
Ion Ratio	Lower Upper
41	100
69	84.5 90.4 135.6
39	66.9 54.6 81.8

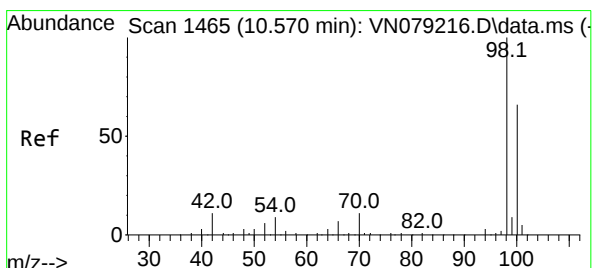
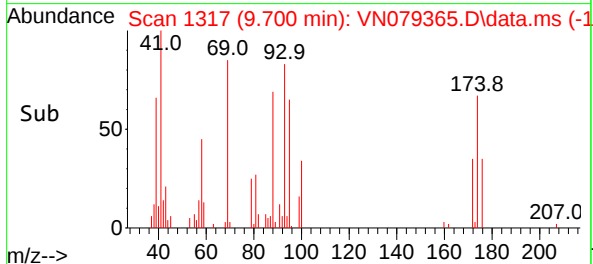
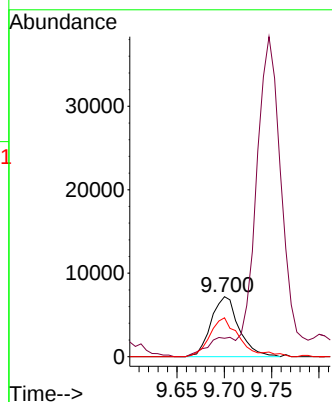
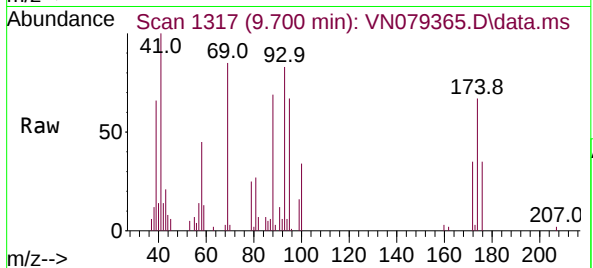




#49
1,4-Dioxane
Concen: 340.491 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

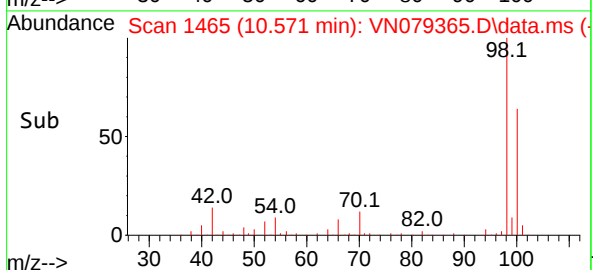
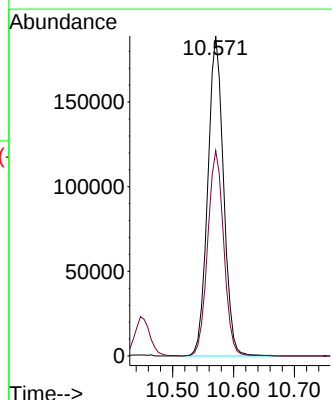
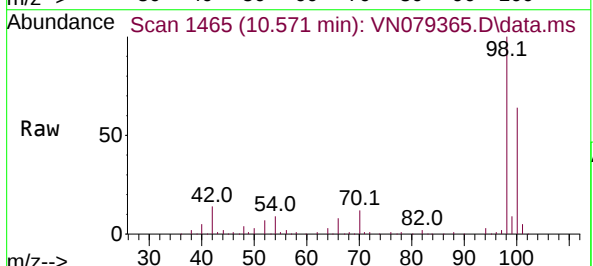
Instrument :
MSVOA_N
ClientSampleId :

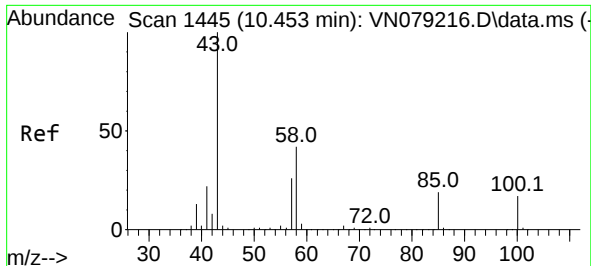
Tgt Ion: 88 Resp: 14684
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 69.4 47.0 70.4



#50
Toluene-d8
Concen: 49.618 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Tgt Ion: 98 Resp: 339968
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 100.318 ug/l

RT: 10.447 min Scan# 1445

Delta R.T. -0.006 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

Instrument :

MSVOA_N

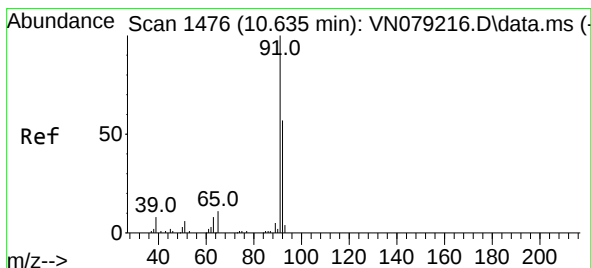
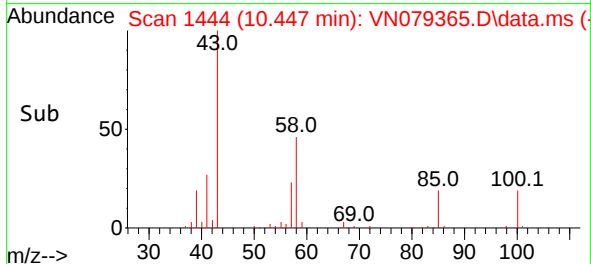
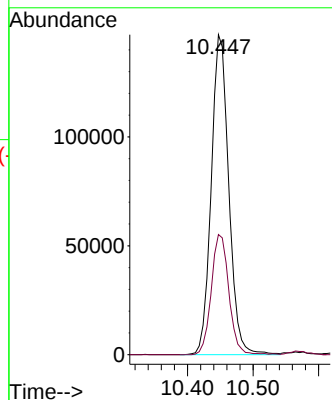
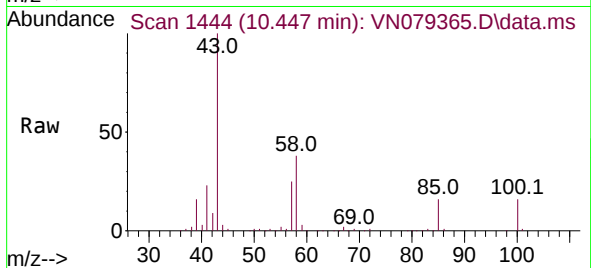
ClientSampleId :

Tgt Ion: 43 Resp: 272595

Ion Ratio Lower Upper

43 100

58 37.7 36.6 54.8



#52

Toluene

Concen: 18.655 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079365.D

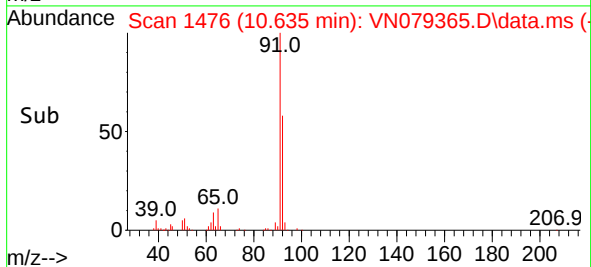
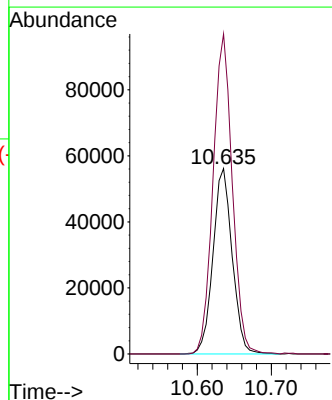
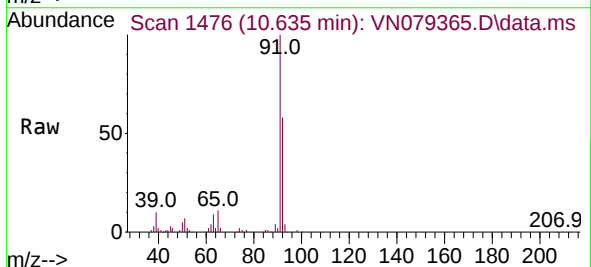
Acq: 28 Sep 2023 11:30

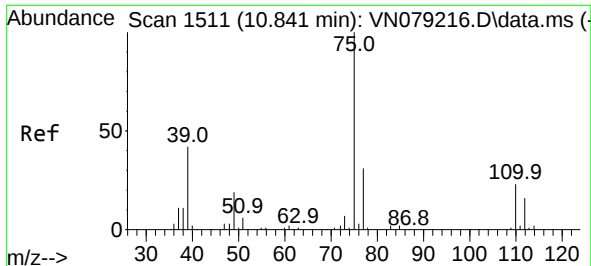
Tgt Ion: 92 Resp: 100944

Ion Ratio Lower Upper

92 100

91 172.7 137.4 206.0

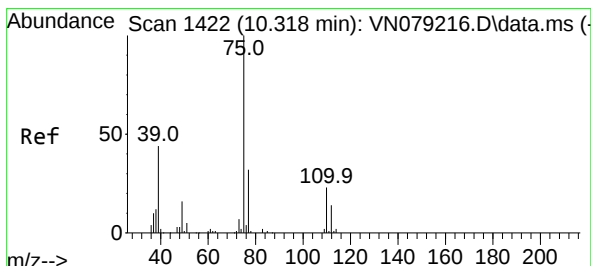
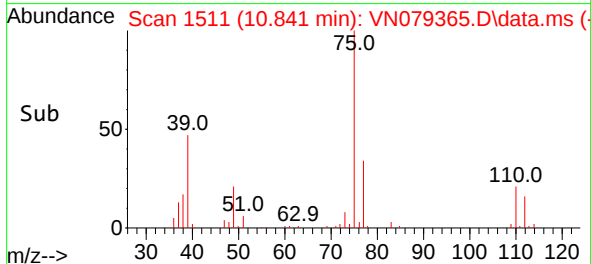
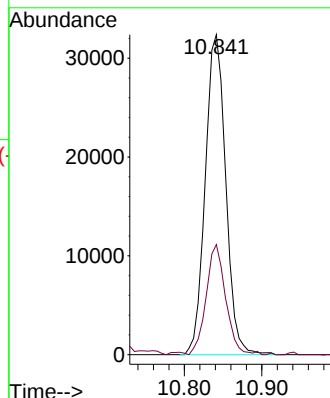
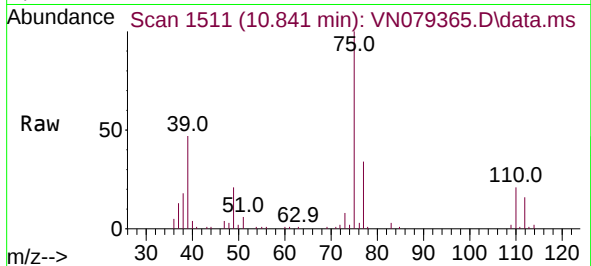




#53
t-1,3-Dichloropropene
Concen: 18.599 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

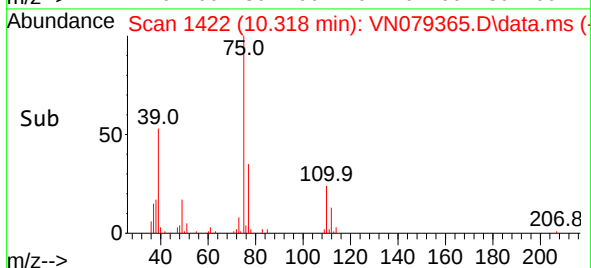
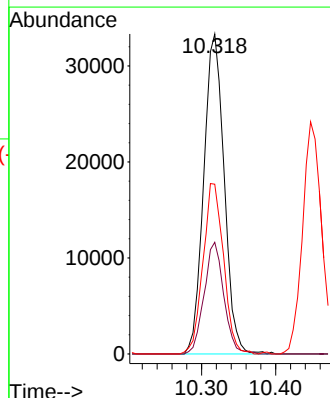
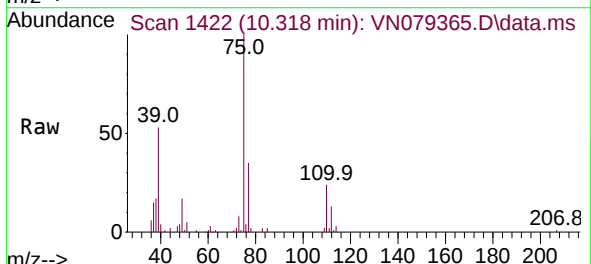
Instrument :
MSVOA_N
ClientSampleId :

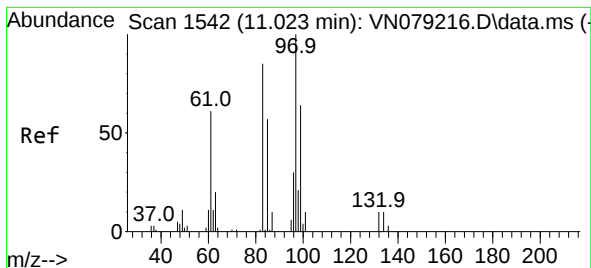
Tgt Ion: 75 Resp: 59586
Ion Ratio Lower Upper
75 100
77 34.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 18.645 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Tgt Ion: 75 Resp: 63890
Ion Ratio Lower Upper
75 100
77 34.9 26.1 39.1
39 53.0 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 19.630 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.006 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 41680

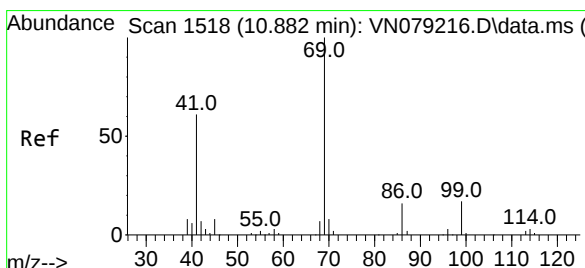
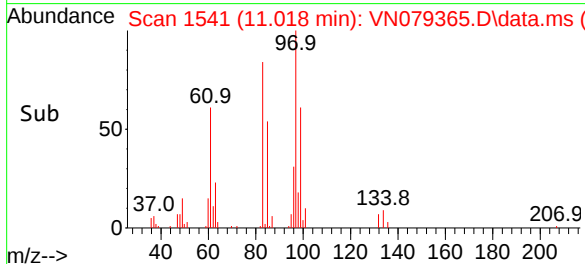
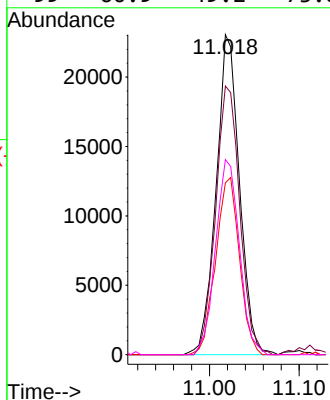
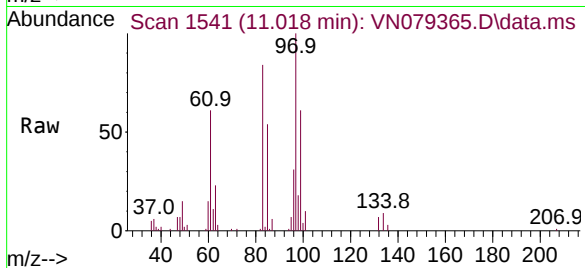
Ion Ratio Lower Upper

97 100

83 84.0 65.1 97.7

85 53.7 43.4 65.2

99 60.9 49.2 73.8



#56

Ethyl methacrylate

Concen: 18.318 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

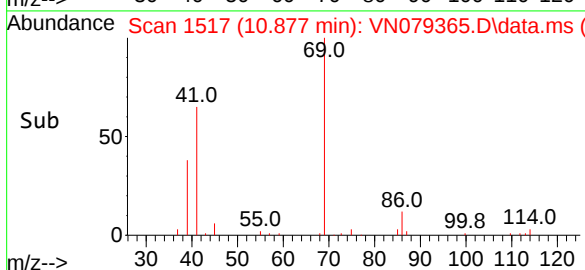
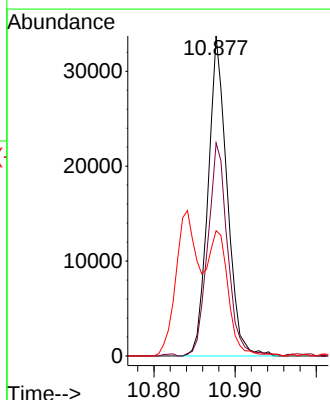
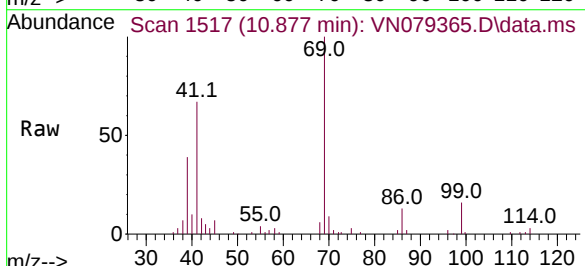
Tgt Ion: 69 Resp: 54902

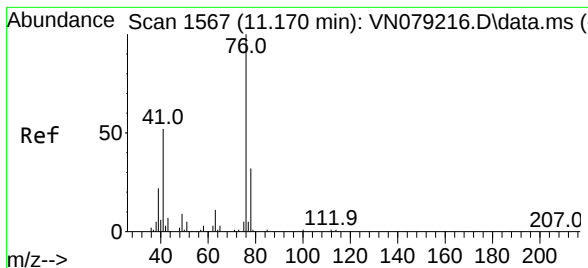
Ion Ratio Lower Upper

69 100

41 69.3 39.6 59.4#

39 42.6 28.6 43.0

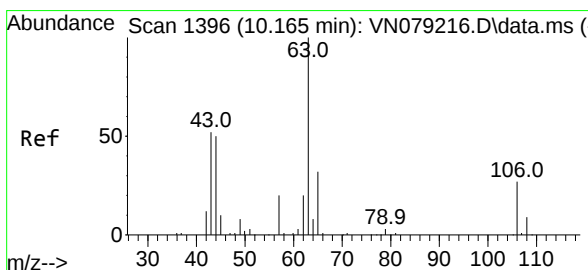
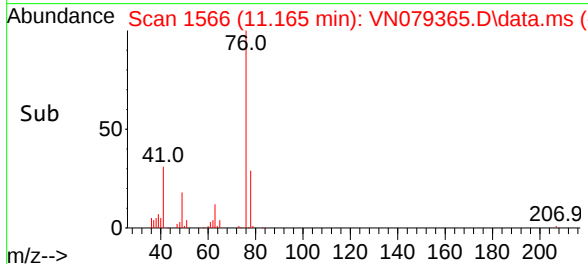
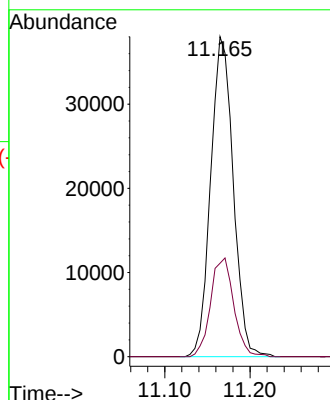
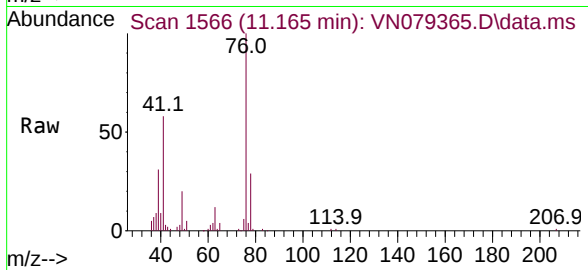




#57
1,3-Dichloropropane
Concen: 19.049 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

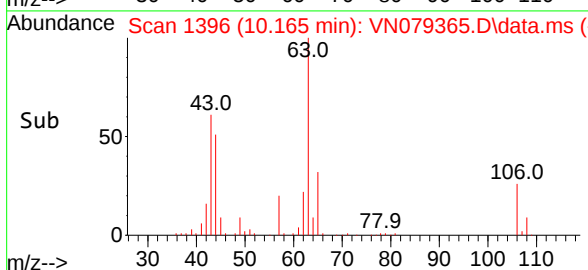
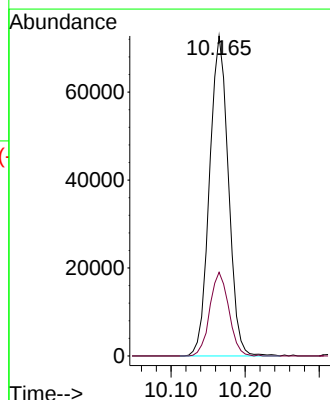
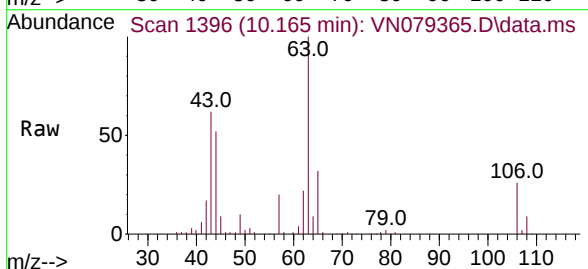
Instrument :
MSVOA_N
ClientSampleId :

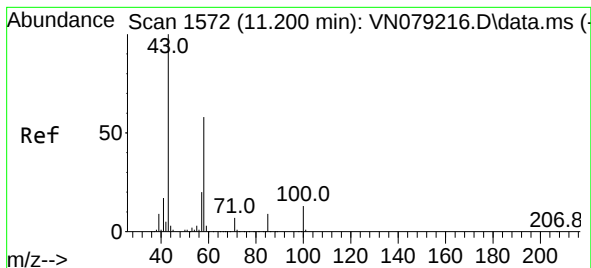
Tgt Ion: 76 Resp: 69916
Ion Ratio Lower Upper
76 100
78 31.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 108.957 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Tgt Ion: 63 Resp: 128686
Ion Ratio Lower Upper
63 100
106 26.4 26.2 39.4

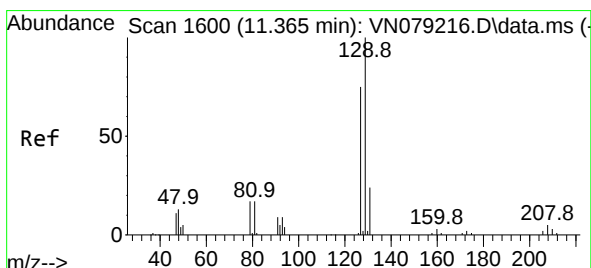
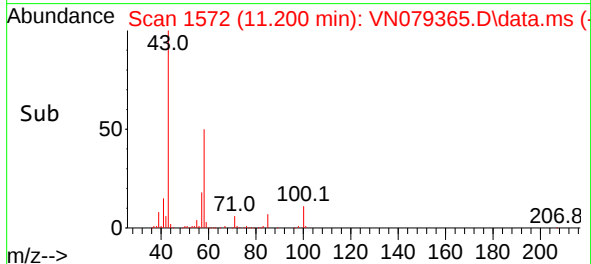
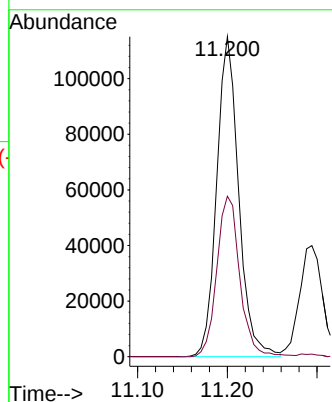
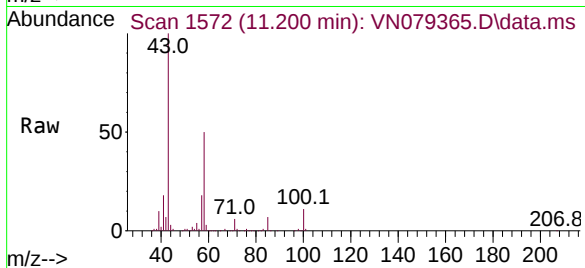




#59
2-Hexanone
Concen: 99.360 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

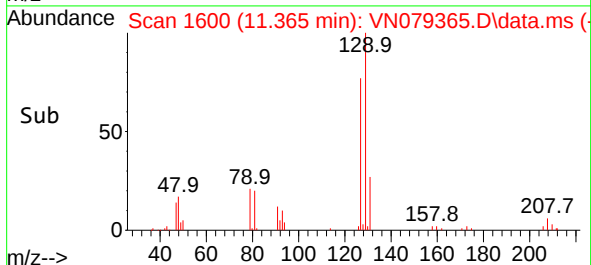
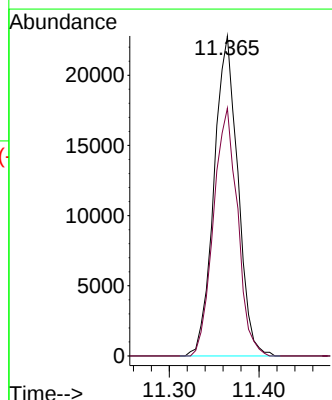
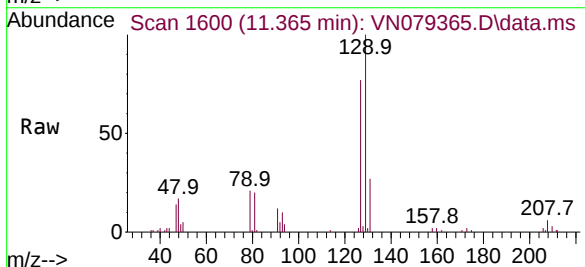
Instrument :
MSVOA_N
ClientSampleId :

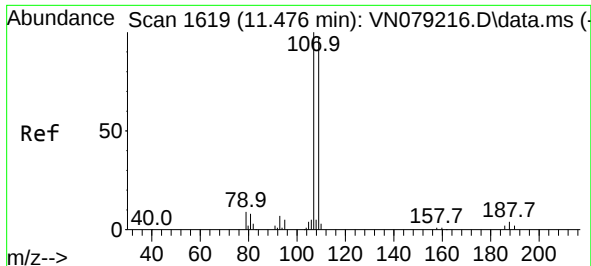
Tgt Ion: 43 Resp: 195552
Ion Ratio Lower Upper
43 100
58 52.5 31.7 95.1



#60
Dibromochloromethane
Concen: 18.590 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Tgt Ion: 129 Resp: 42008
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0

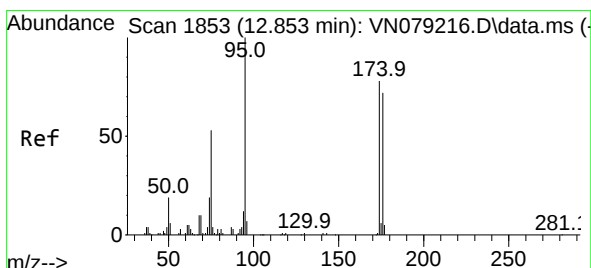
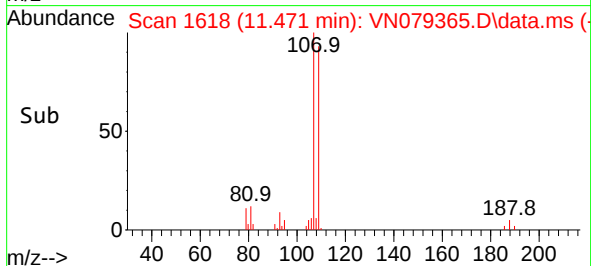
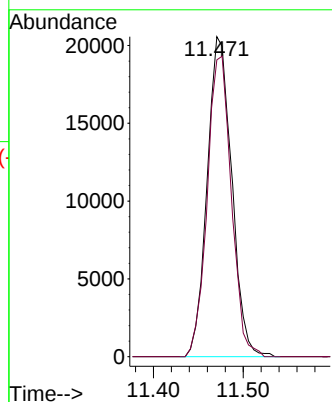
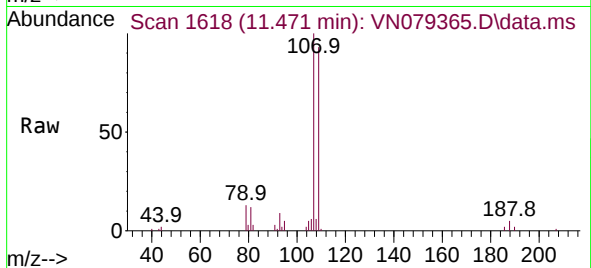




#61
1,2-Dibromoethane
Concen: 18.461 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.005 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

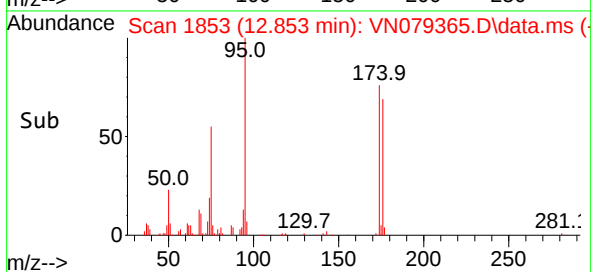
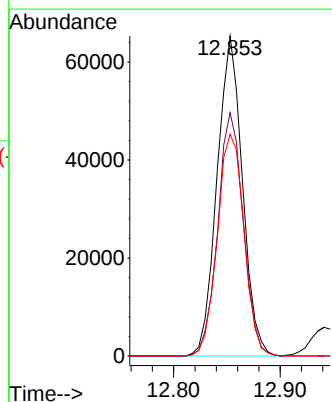
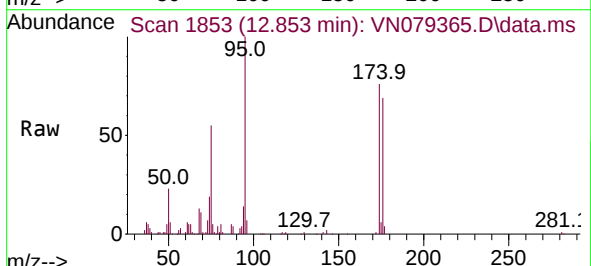
Instrument :
MSVOA_N
ClientSampleId :

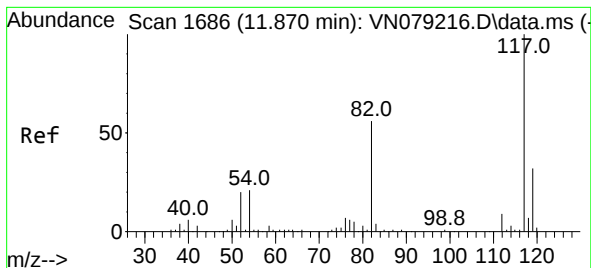
Tgt Ion:107 Resp: 39117
Ion Ratio Lower Upper
107 100
109 92.2 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 49.242 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Tgt Ion: 95 Resp: 107623
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 73.2 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

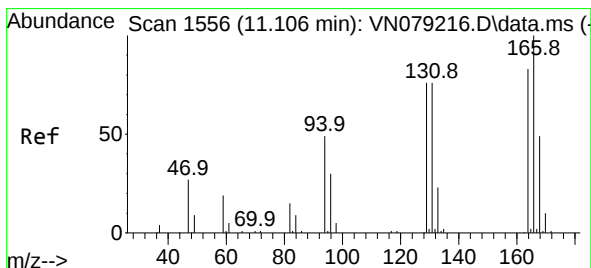
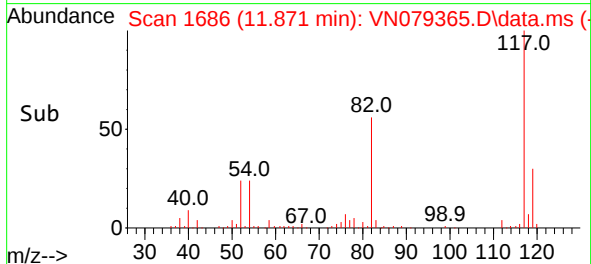
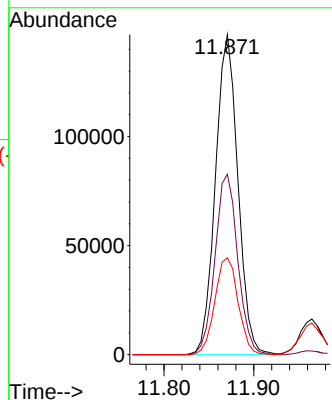
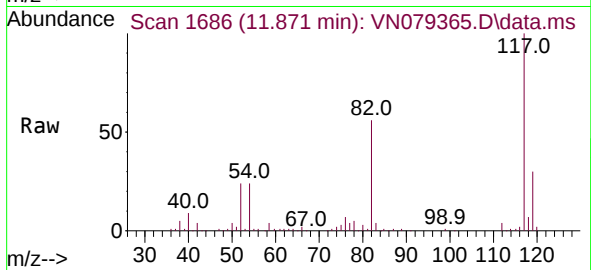
Tgt Ion:117 Resp: 255457

Ion Ratio Lower Upper

117 100

82 56.4 44.0 66.0

119 30.2 25.6 38.4



#64

Tetrachloroethene

Concen: 18.222 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

Tgt Ion:164 Resp: 33942

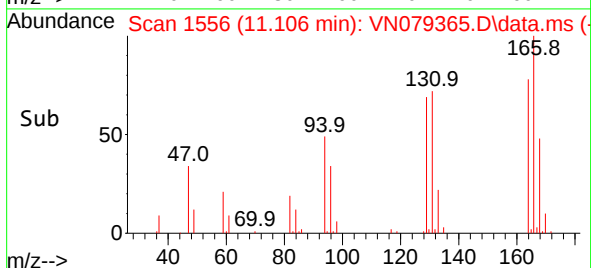
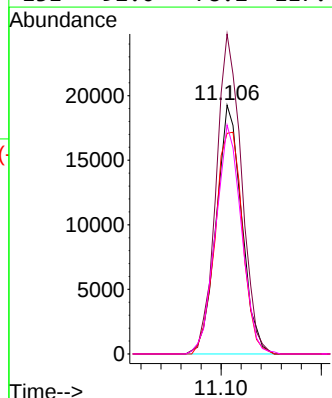
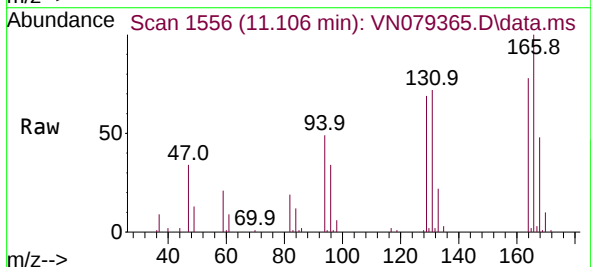
Ion Ratio Lower Upper

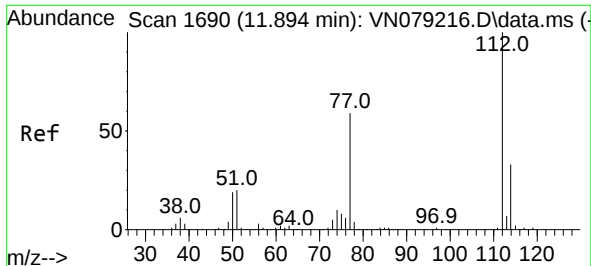
164 100

166 128.6 101.4 152.0

129 88.7 82.4 123.6

131 92.0 78.2 117.4

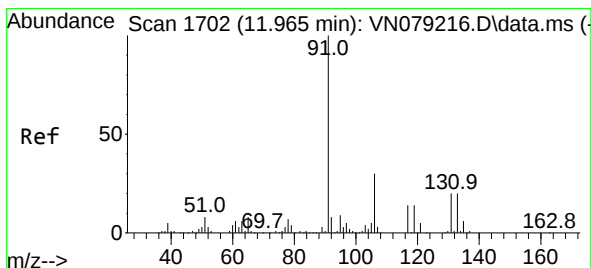
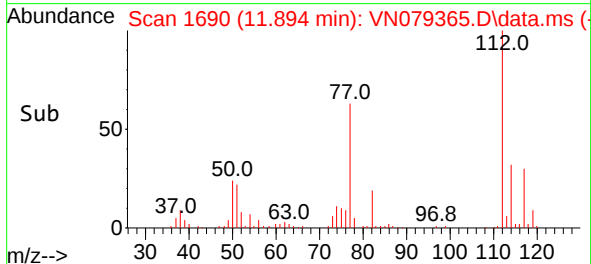
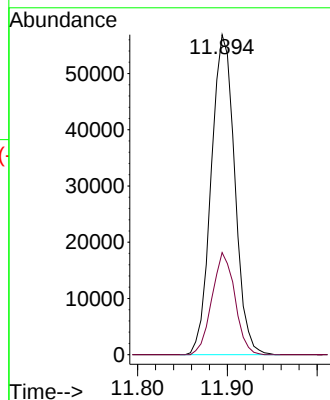
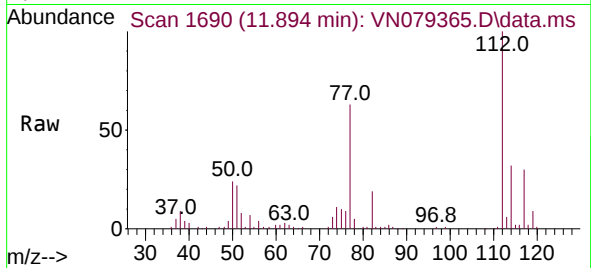




#65
Chlorobenzene
Concen: 17.908 ug/l
RT: 11.894 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

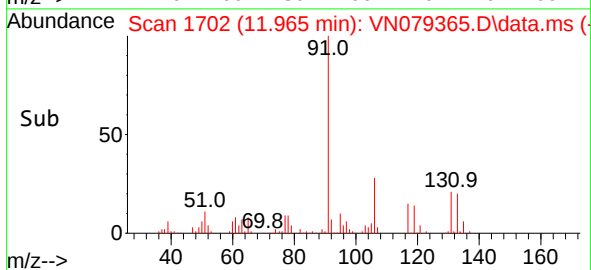
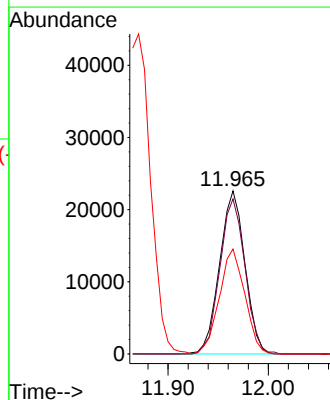
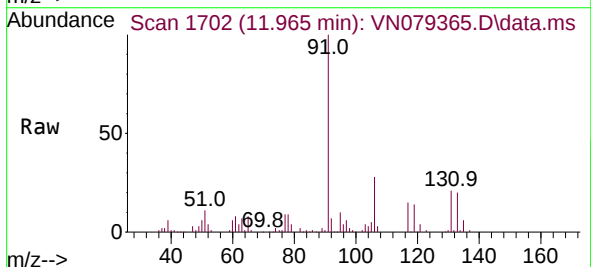
Instrument :
MSVOA_N
ClientSampleId :

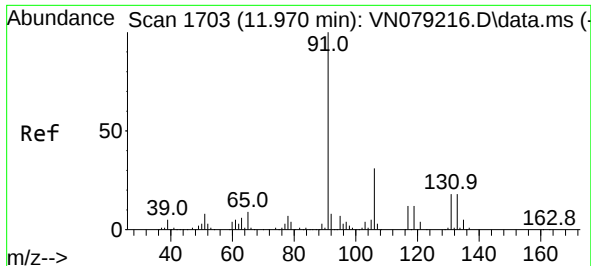
Tgt Ion:112 Resp: 103637
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.205 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Tgt Ion:131 Resp: 39506
Ion Ratio Lower Upper
131 100
133 94.7 46.4 139.1
119 64.9 34.1 102.2





#67

Ethyl Benzene

Concen: 18.237 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.006 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

Instrument :

MSVOA_N

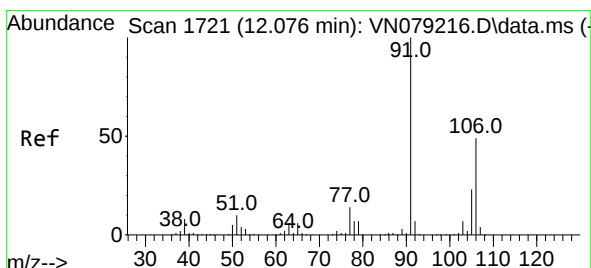
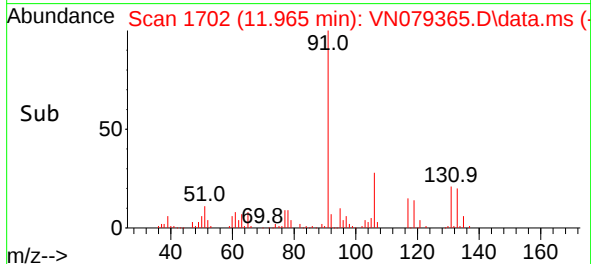
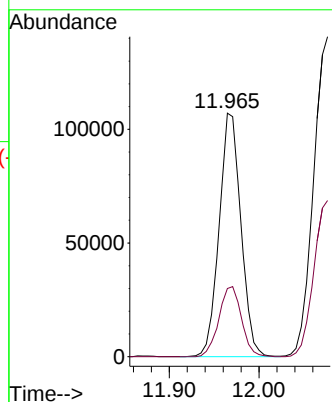
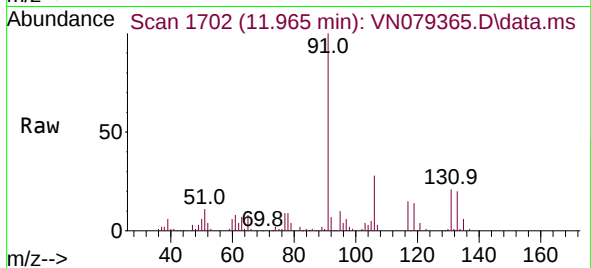
ClientSampleId :

Tgt Ion: 91 Resp: 180524

Ion Ratio Lower Upper

91 100

106 28.0 25.6 38.4



#68

m/p-Xylenes

Concen: 35.956 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN079365.D

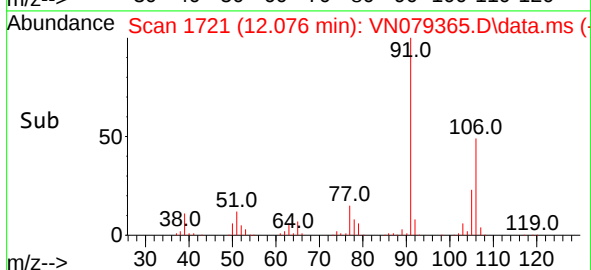
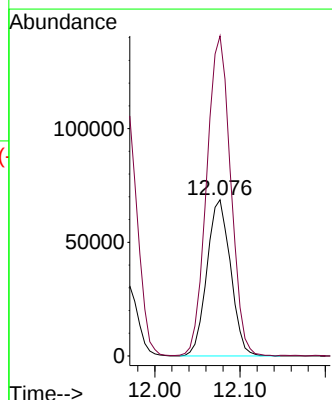
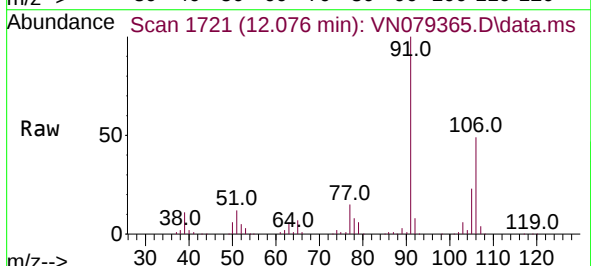
Acq: 28 Sep 2023 11:30

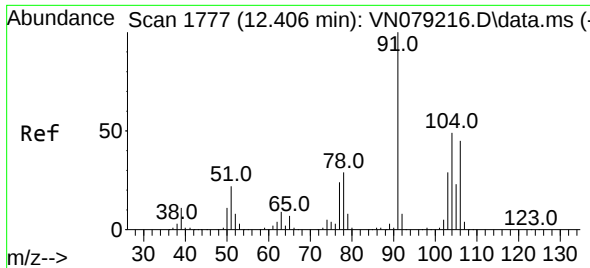
Tgt Ion:106 Resp: 132664

Ion Ratio Lower Upper

106 100

91 208.2 159.6 239.4

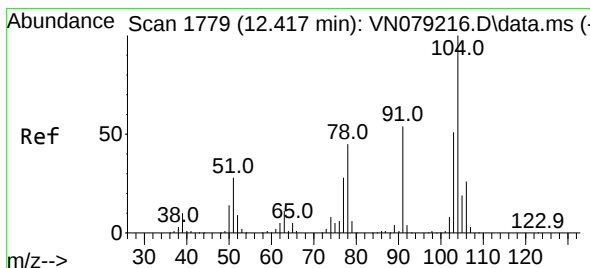
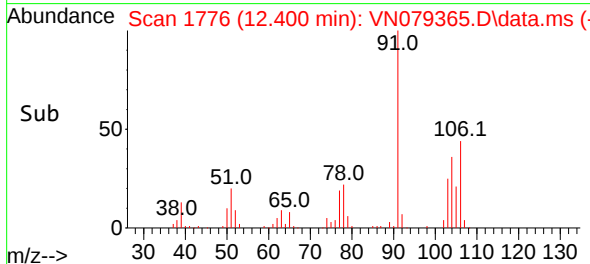
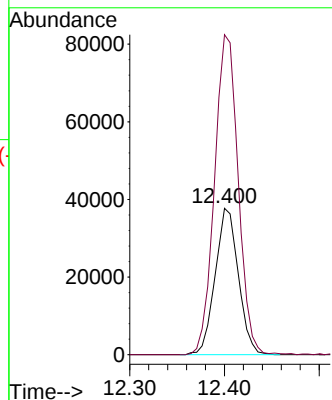
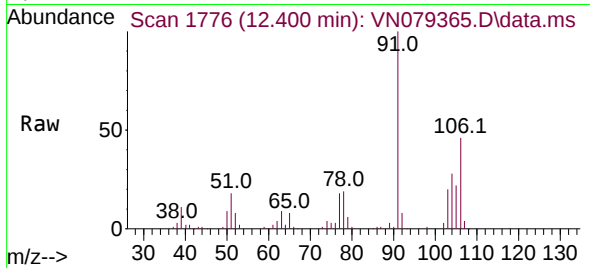




#69
o-Xylene
Concen: 18.112 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

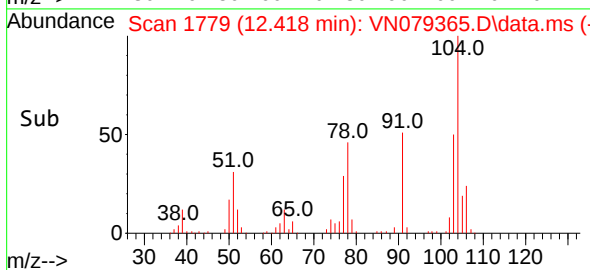
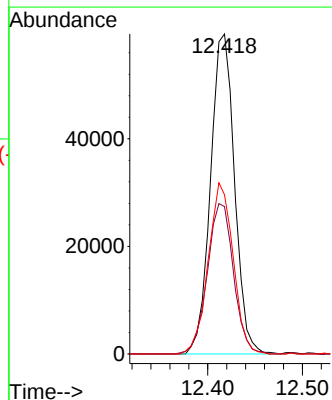
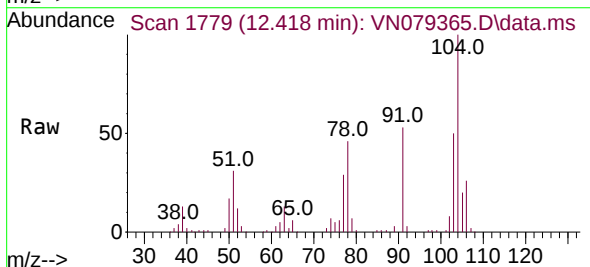
Instrument :
MSVOA_N
ClientSampleId :

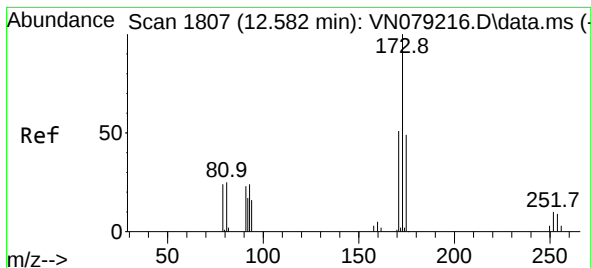
Tgt Ion:106 Resp: 64092
Ion Ratio Lower Upper
106 100
91 223.9 105.2 315.5



#70
Styrene
Concen: 18.432 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Tgt Ion:104 Resp: 104897
Ion Ratio Lower Upper
104 100
78 51.2 39.5 59.3
103 55.4 43.2 64.8





#71

Bromoform

Concen: 16.675 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079365.D

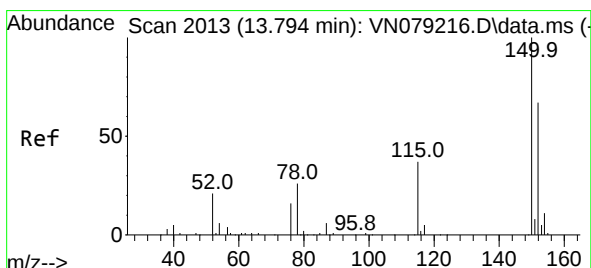
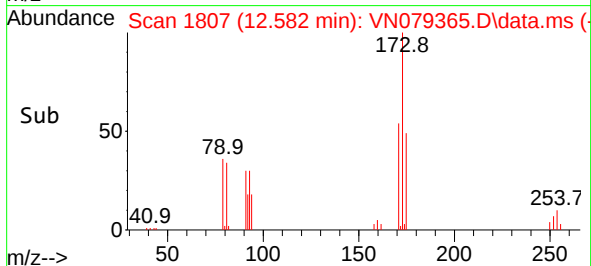
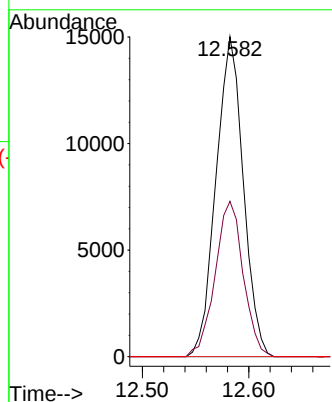
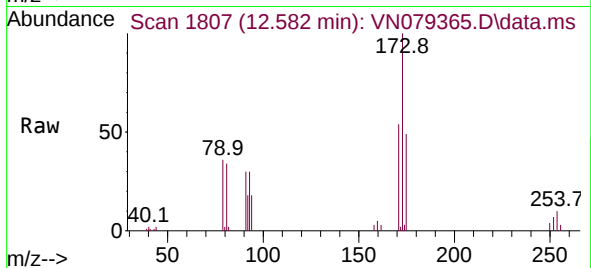
Acq: 28 Sep 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	26714
Ion Ratio	Lower	Upper	
173	100		
175	49.9	24.3	73.0
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

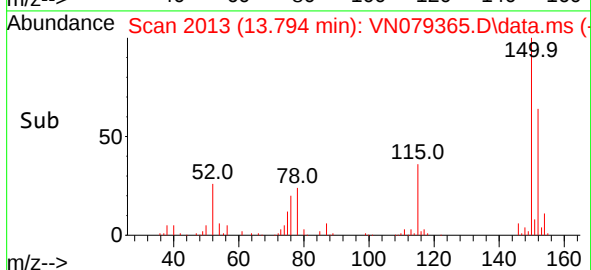
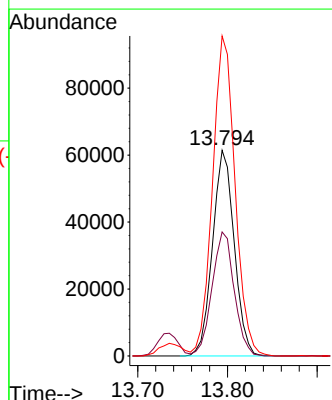
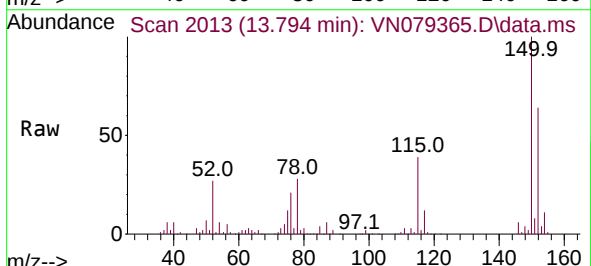
RT: 13.794 min Scan# 2013

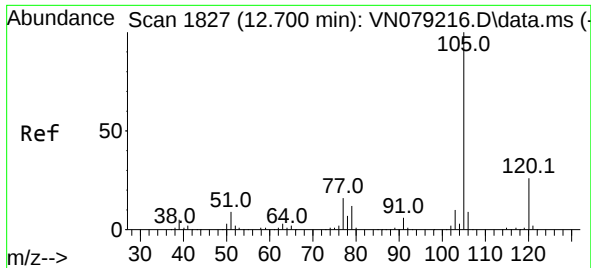
Delta R.T. 0.000 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

Tgt Ion:	152	Resp:	103057
Ion Ratio	Lower	Upper	
152	100		
115	61.6	32.3	96.8
150	161.5	0.0	355.8

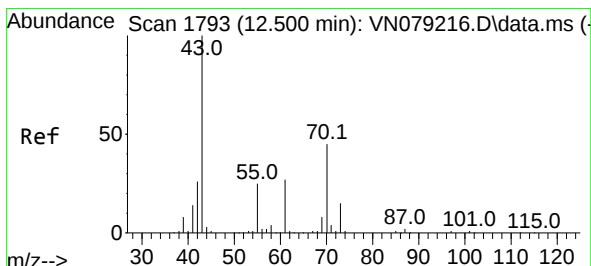
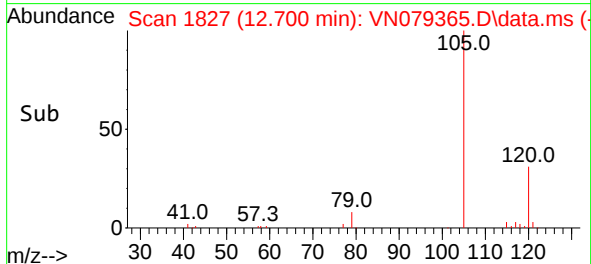
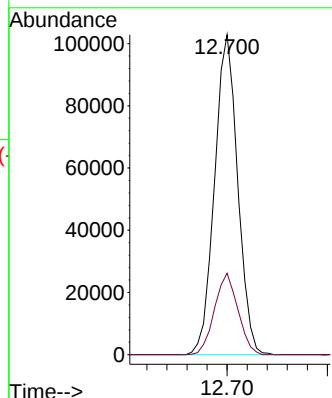
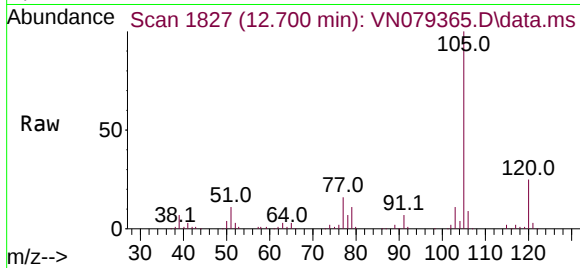




#73
Isopropylbenzene
Concen: 17.545 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

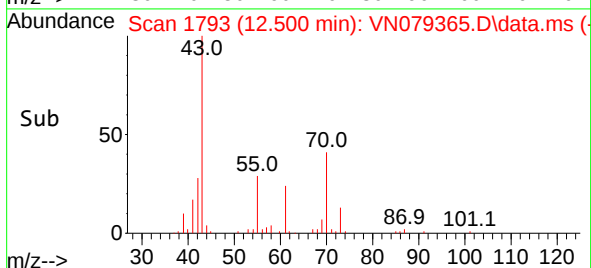
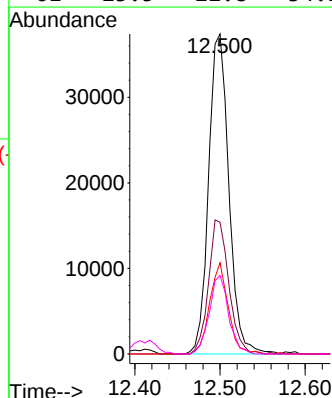
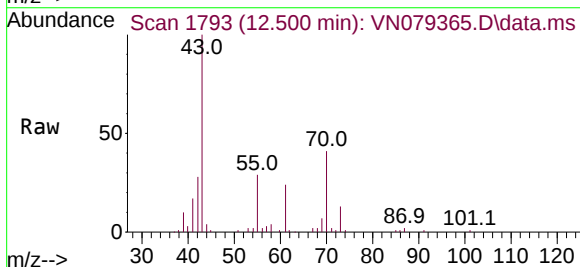
Instrument :
MSVOA_N
ClientSampleId :

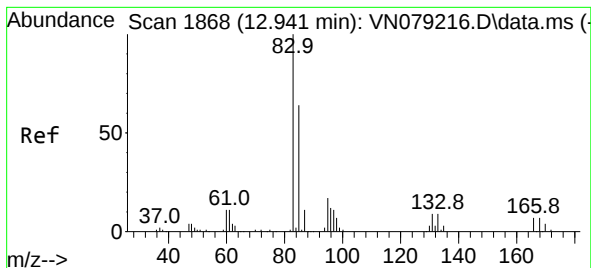
Tgt Ion:105 Resp: 164509
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1



#74
N-ethyl acetate
Concen: 17.373 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Tgt Ion: 43 Resp: 61800
Ion Ratio Lower Upper
43 100
70 42.1 43.4 65.2#
55 26.2 21.4 32.0
61 23.5 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.323 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

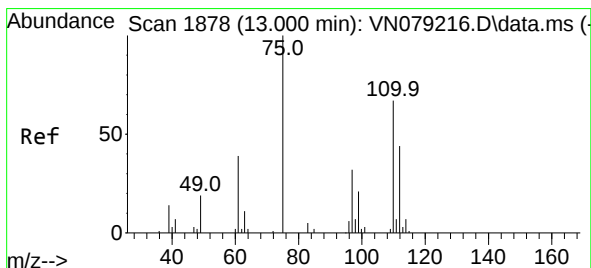
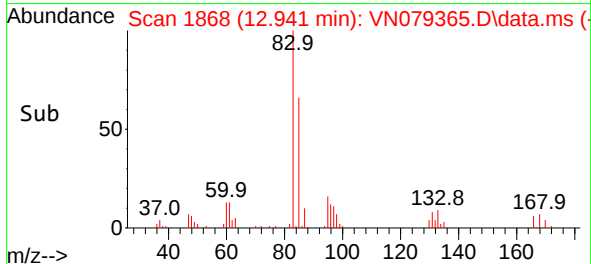
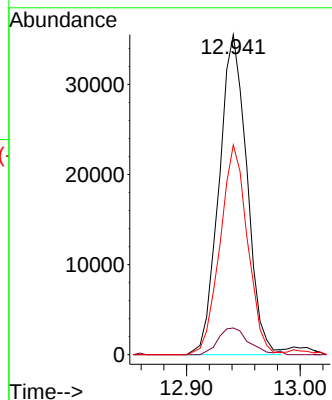
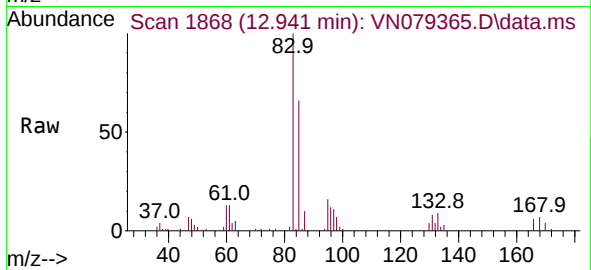
Tgt Ion: 83 Resp: 60485

Ion Ratio Lower Upper

83 100

131 9.3 5.0 15.0

85 64.8 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 25.932 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN079365.D

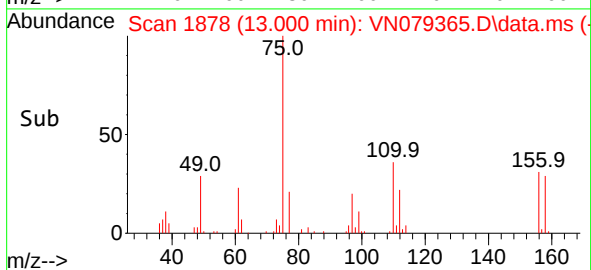
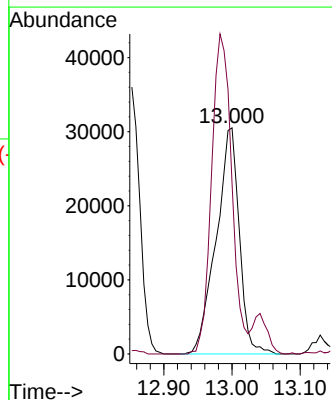
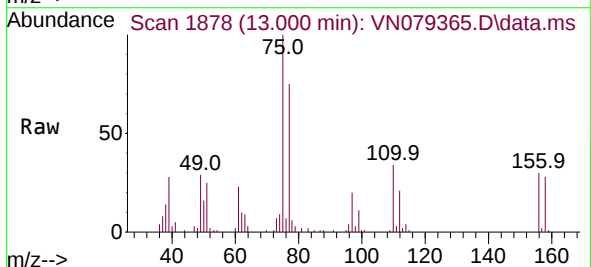
Acq: 28 Sep 2023 11:30

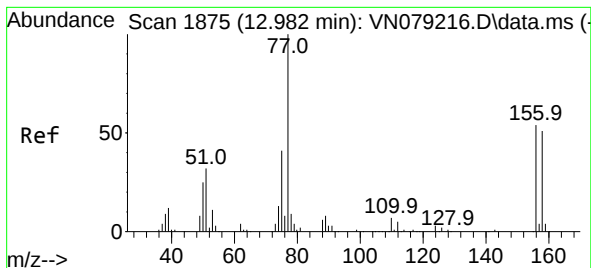
Tgt Ion: 75 Resp: 72026

Ion Ratio Lower Upper

75 100

77 123.9 84.5 253.5





#77

Bromobenzene

Concen: 16.346 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

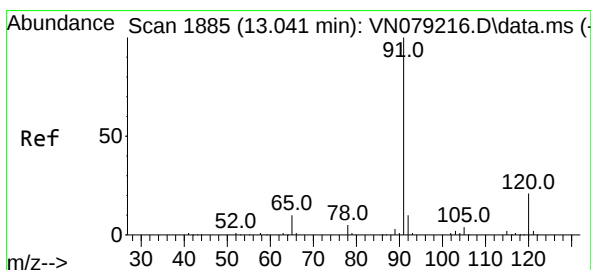
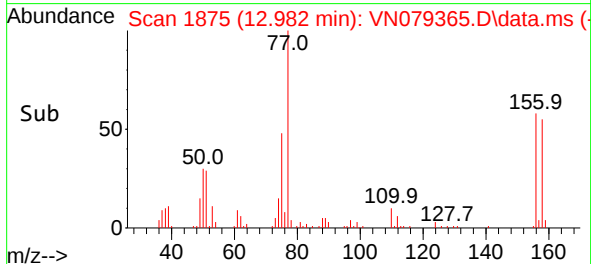
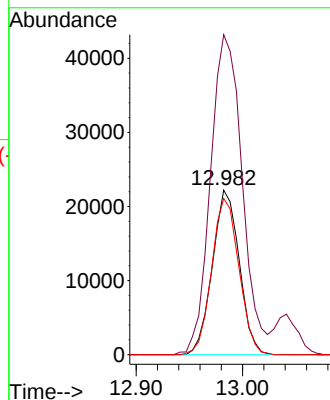
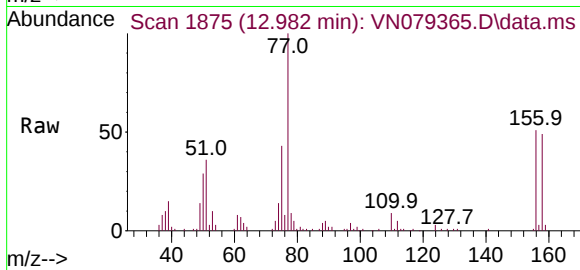
Tgt Ion:156 Resp: 38809

Ion Ratio Lower Upper

156 100

77 230.0 107.7 323.3

158 96.4 48.4 145.3



#78

n-propylbenzene

Concen: 18.268 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079365.D

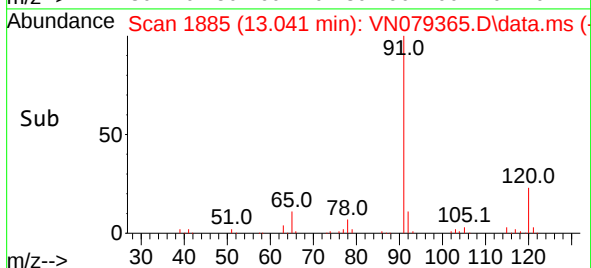
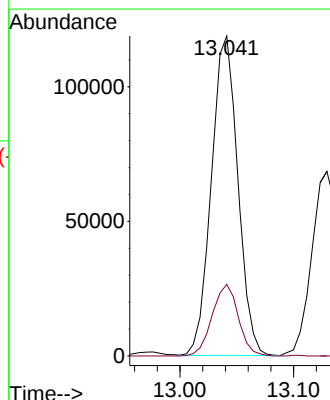
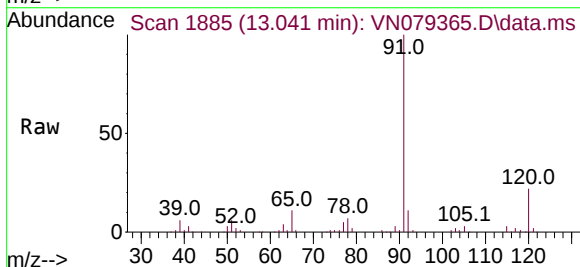
Acq: 28 Sep 2023 11:30

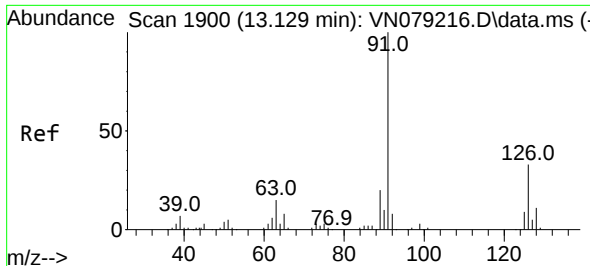
Tgt Ion: 91 Resp: 192420

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4

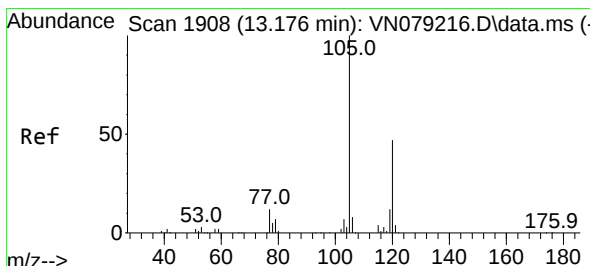
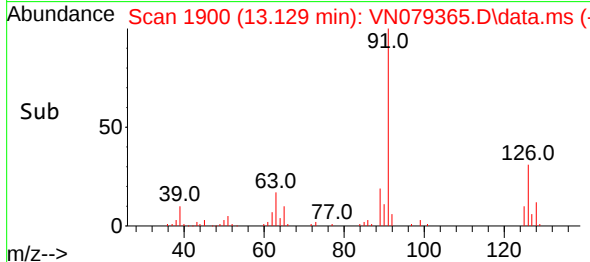
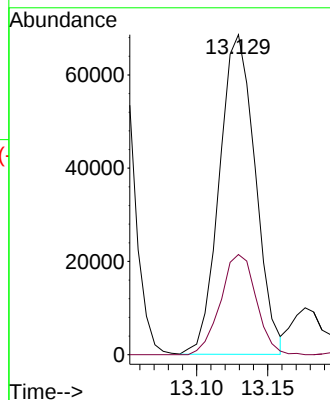
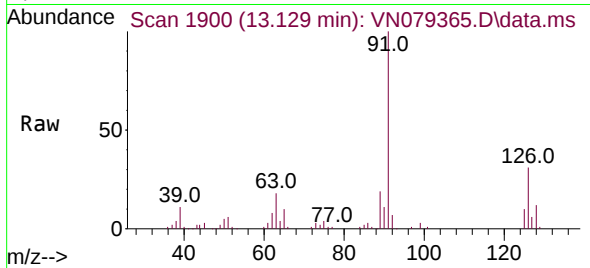




#79
2-Chlorotoluene
Concen: 17.472 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

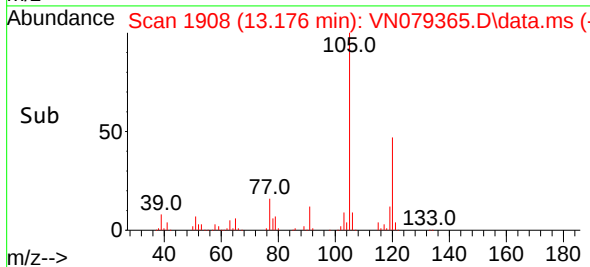
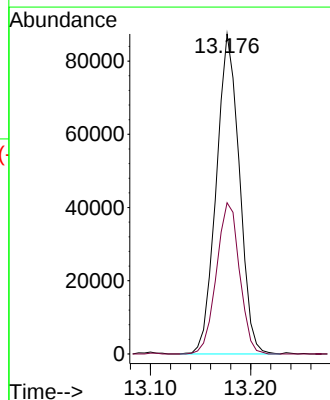
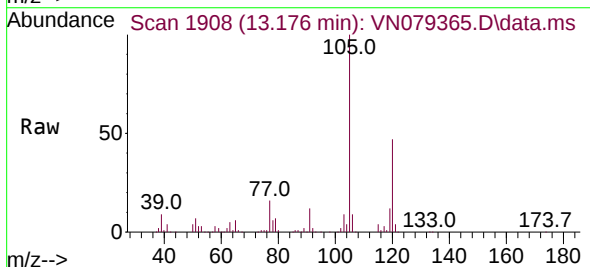
Instrument :
MSVOA_N
ClientSampleId :

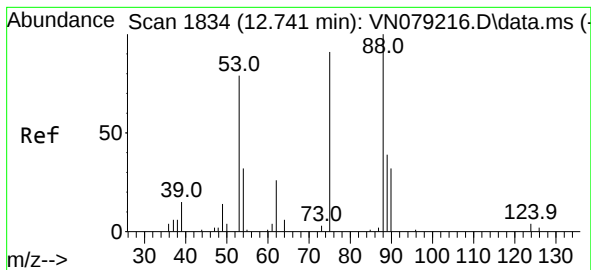
Tgt Ion: 91 Resp: 120364
Ion Ratio Lower Upper
91 100
126 31.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 17.851 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Tgt Ion:105 Resp: 139464
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.3

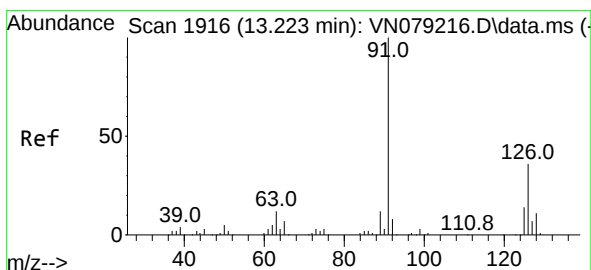
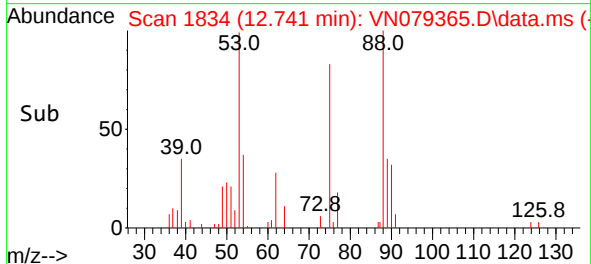
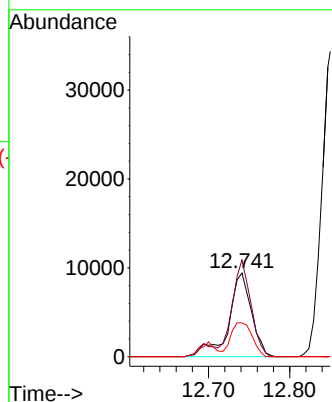
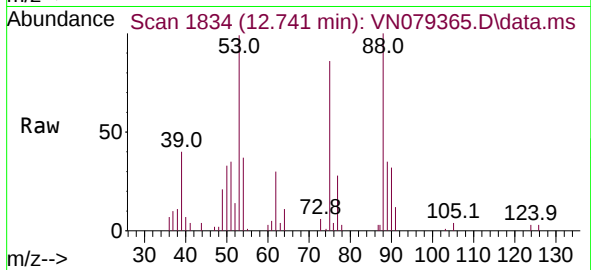




#81
trans-1,4-Dichloro-2-butene
Concen: 18.194 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

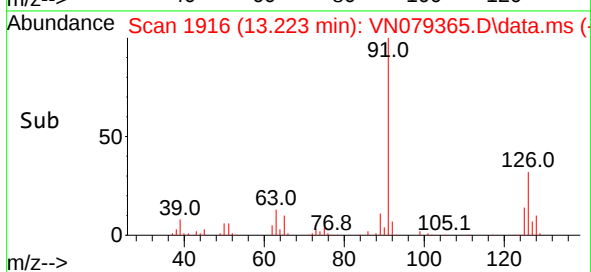
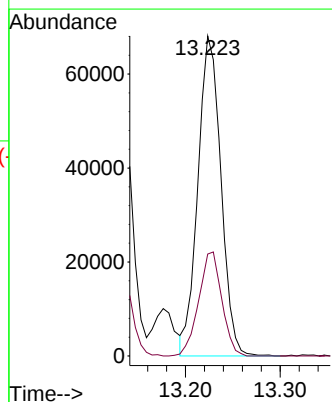
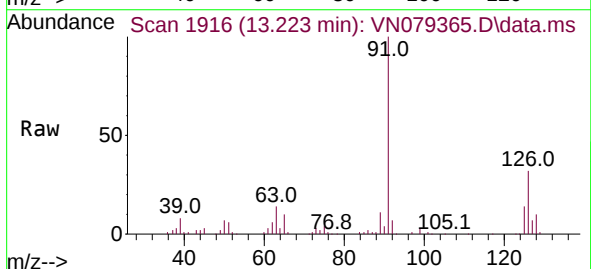
Instrument :
MSVOA_N
ClientSampleId :

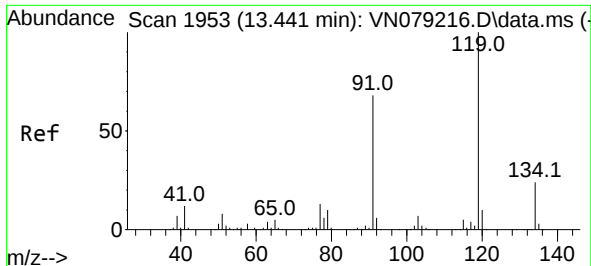
Tgt Ion: 75 Resp: 18381
Ion Ratio Lower Upper
75 100
53 93.7 67.4 101.2
89 37.7 38.8 58.2#



#82
4-Chlorotoluene
Concen: 17.798 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Tgt Ion: 91 Resp: 115208
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0

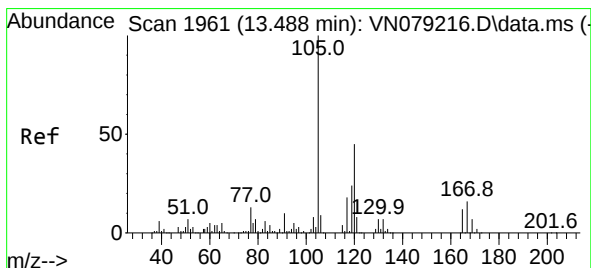
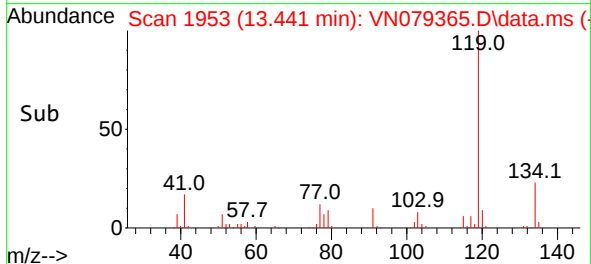
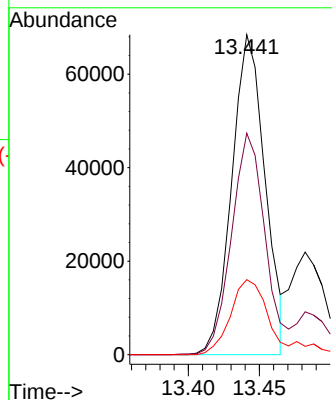
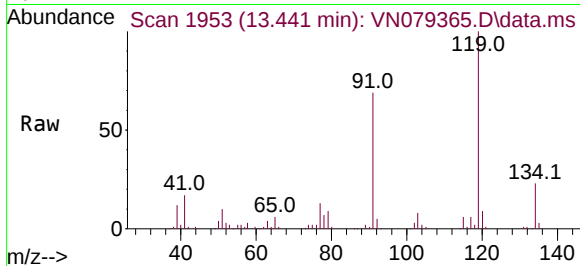




#83
tert-Butylbenzene
Concen: 17.254 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

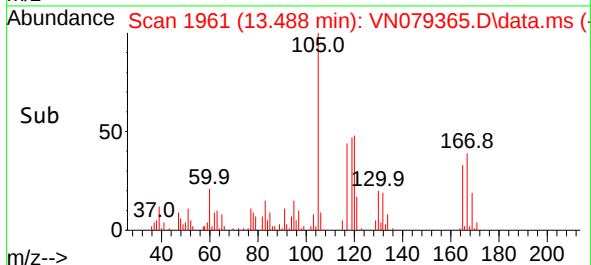
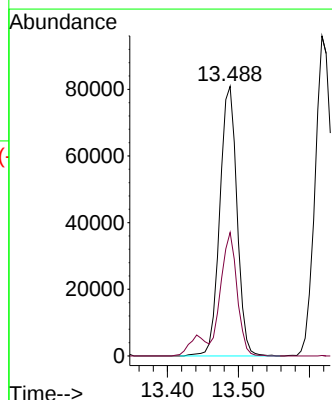
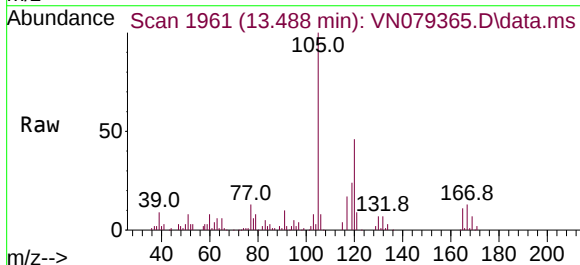
Instrument :
MSVOA_N
ClientSampleId :

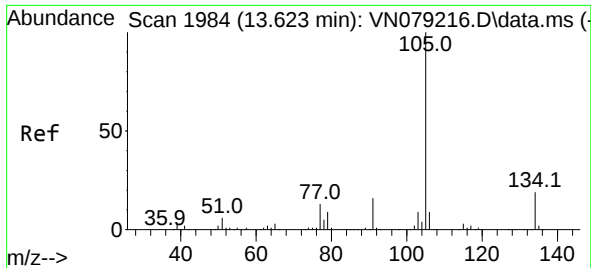
Tgt Ion:119 Resp: 111515
Ion Ratio Lower Upper
119 100
91 70.3 33.9 101.7
134 25.7 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 18.203 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Tgt Ion:105 Resp: 135438
Ion Ratio Lower Upper
105 100
120 43.4 22.0 66.0

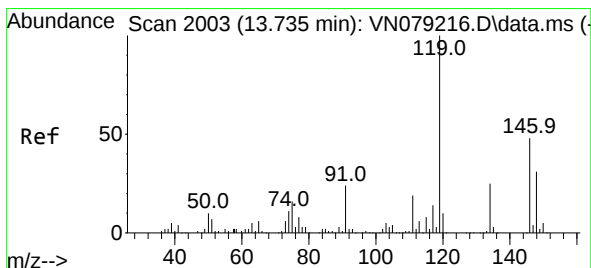
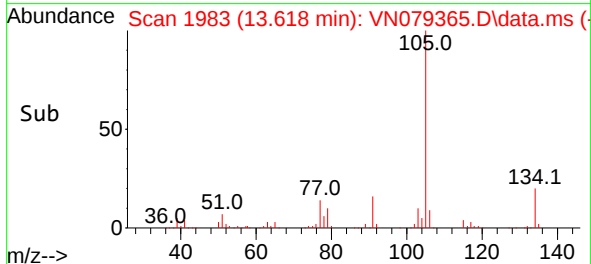
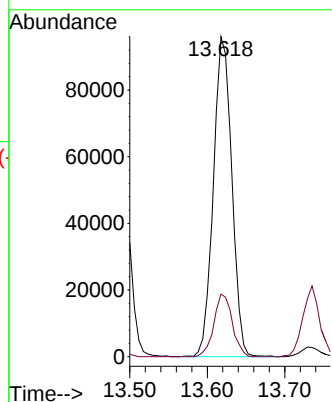
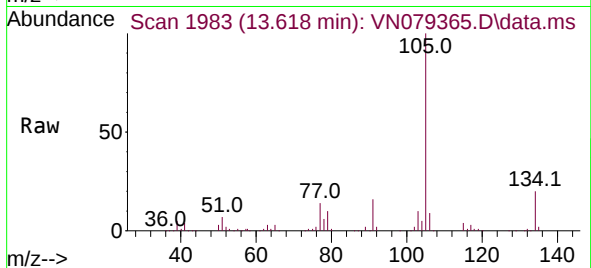




#85
 sec-Butylbenzene
 Concen: 17.832 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN079365.D
 Acq: 28 Sep 2023 11:30

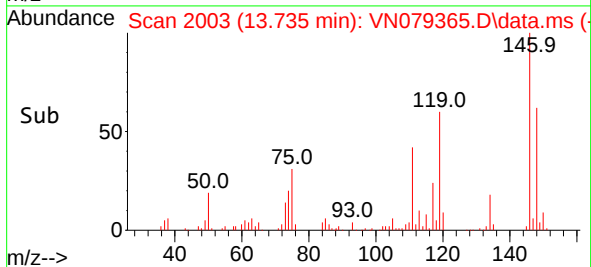
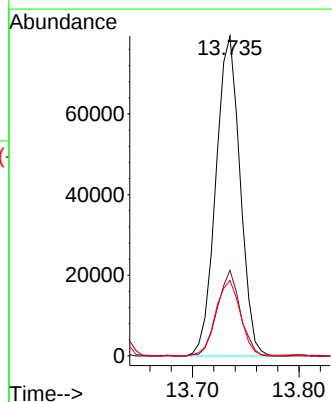
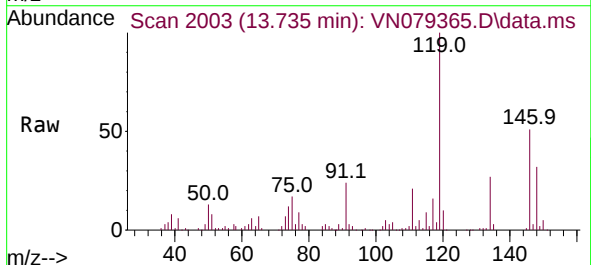
Instrument :
 MSVOA_N
 ClientSampleId :

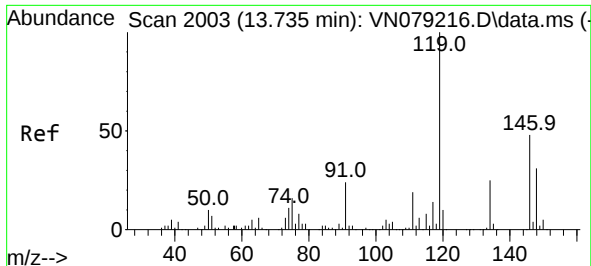
Tgt Ion:105 Resp: 158667
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 17.620 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079365.D
 Acq: 28 Sep 2023 11:30

Tgt Ion:119 Resp: 125254
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 24.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 16.987 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

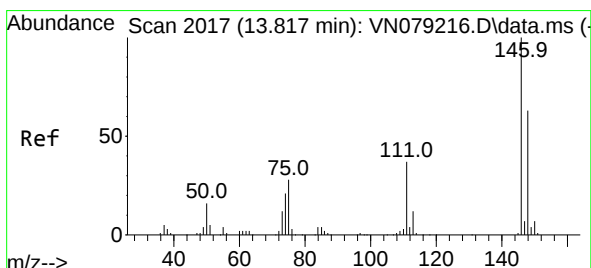
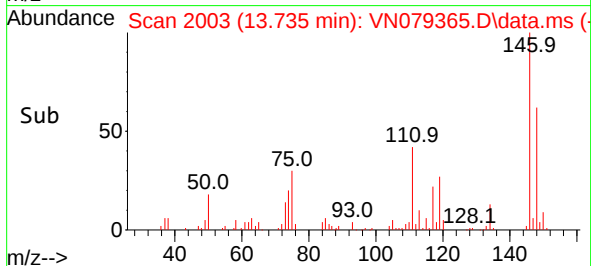
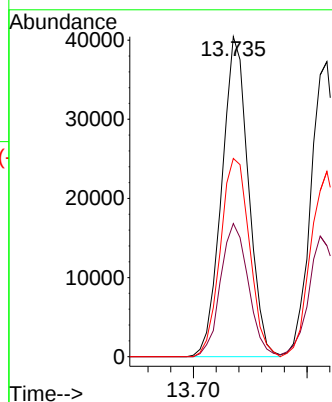
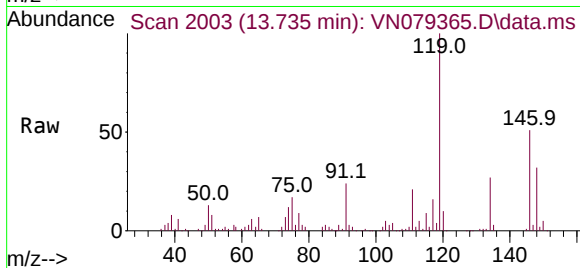
Tgt Ion:146 Resp: 66148

Ion Ratio Lower Upper

146 100

111 43.3 22.1 66.3

148 67.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 16.385 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

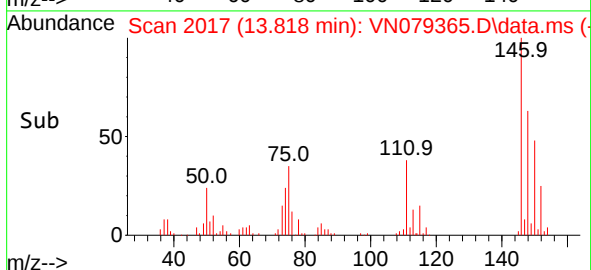
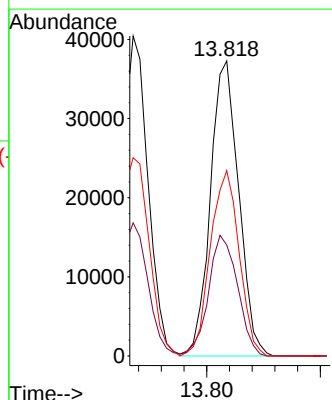
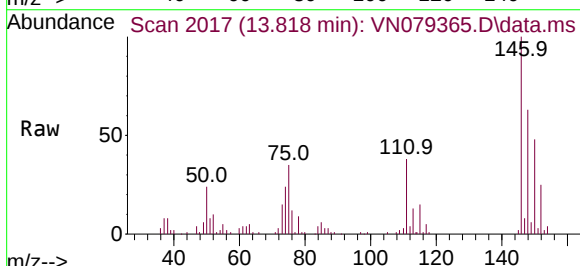
Tgt Ion:146 Resp: 64475

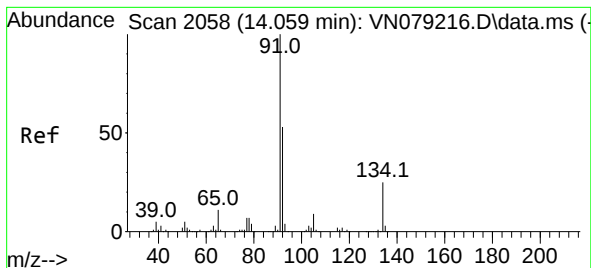
Ion Ratio Lower Upper

146 100

111 42.0 20.6 61.8

148 63.9 31.6 94.8





#89

n-Butylbenzene

Concen: 17.089 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079365.D

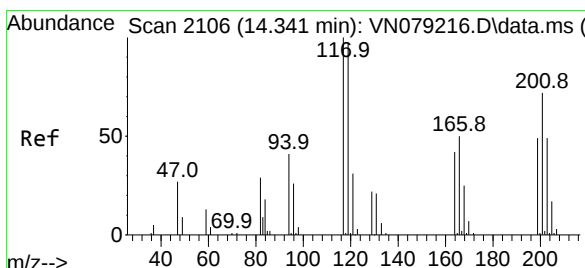
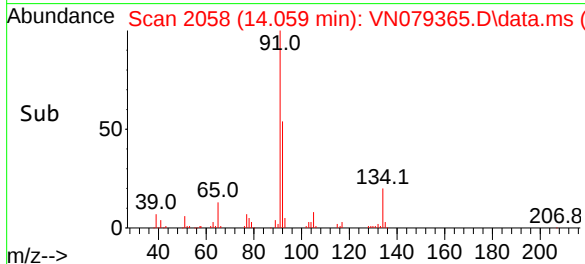
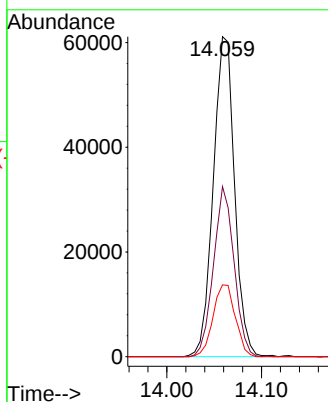
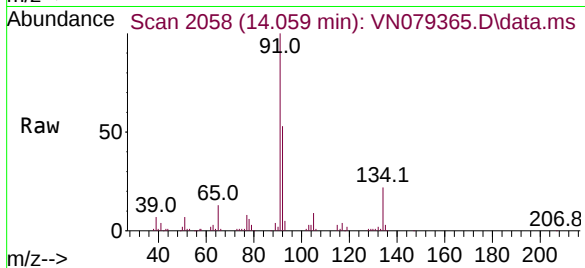
Acq: 28 Sep 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp: 95527
Ion Ratio	Lower Upper
91	100
92	51.4 26.4 79.0
134	23.5 12.6 37.6



#90

Hexachloroethane

Concen: 18.248 ug/l

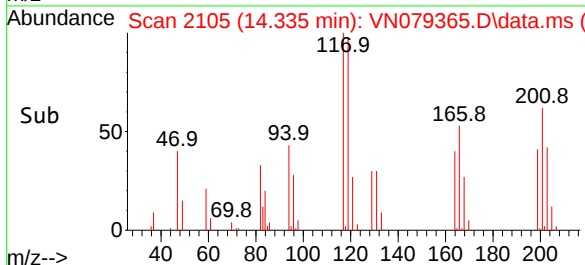
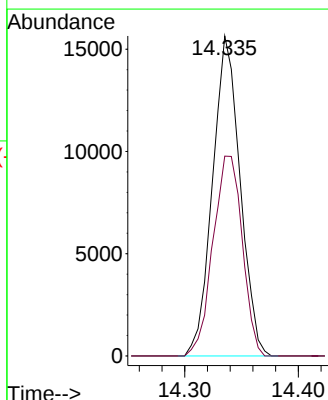
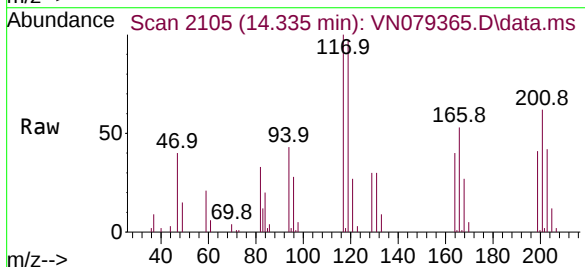
RT: 14.335 min Scan# 2105

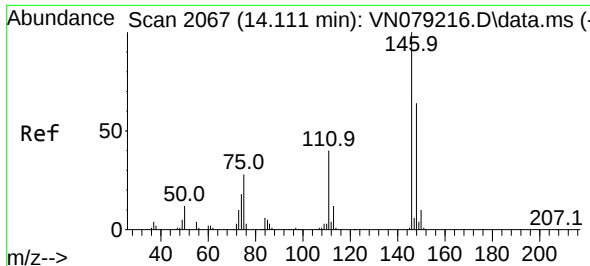
Delta R.T. 0.000 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

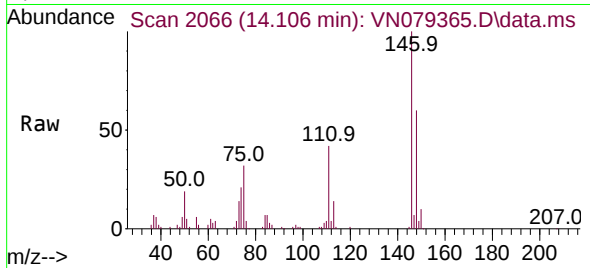
Tgt Ion: 117	Resp: 26343
Ion Ratio	Lower Upper
117	100
201	66.4 29.3 88.0



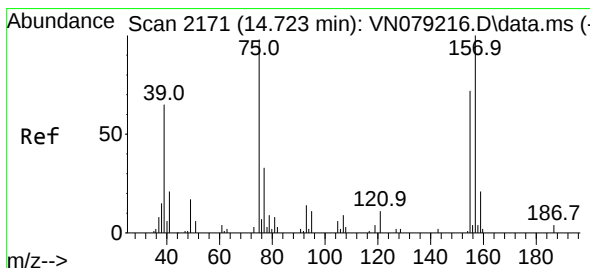
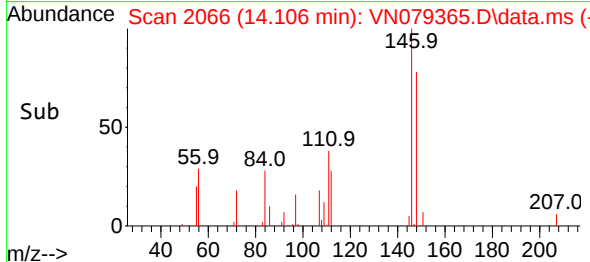
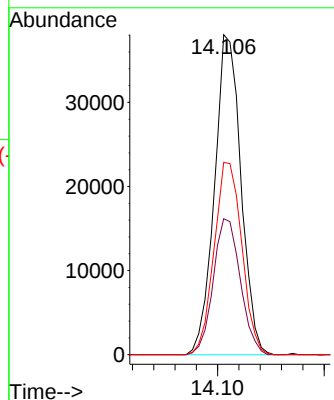


#91
1,2-Dichlorobenzene
Concen: 17.069 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Instrument :
MSVOA_N
ClientSampleId :

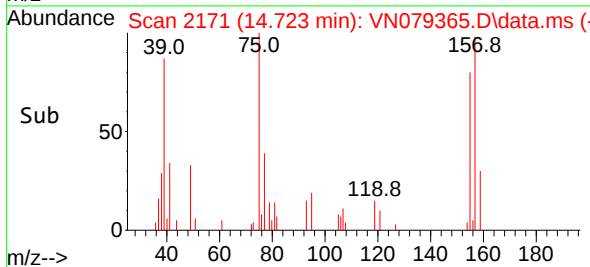
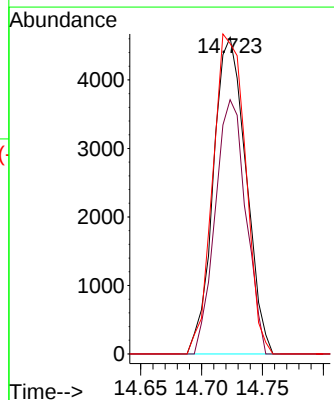
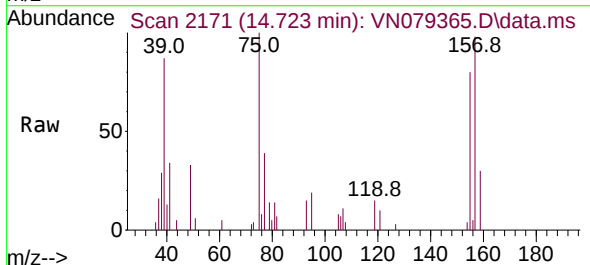


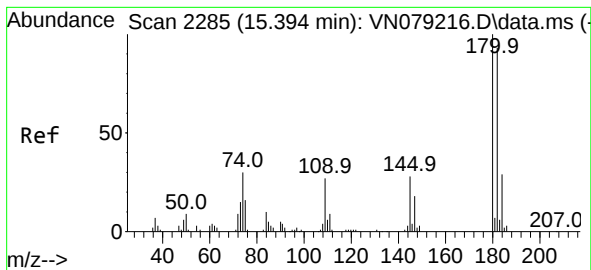
Tgt Ion:146 Resp: 65616
Ion Ratio Lower Upper
146 100
111 43.5 22.0 66.0
148 62.9 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.235 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079365.D
Acq: 28 Sep 2023 11:30

Tgt Ion: 75 Resp: 8617
Ion Ratio Lower Upper
75 100
155 75.5 39.1 117.2
157 100.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 13.127 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

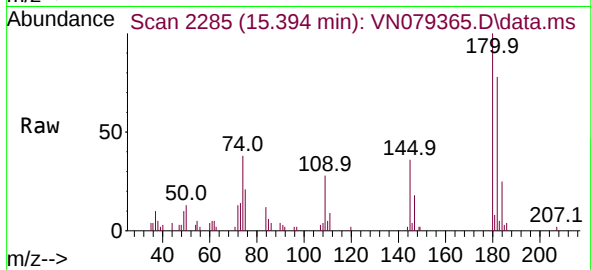
Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :



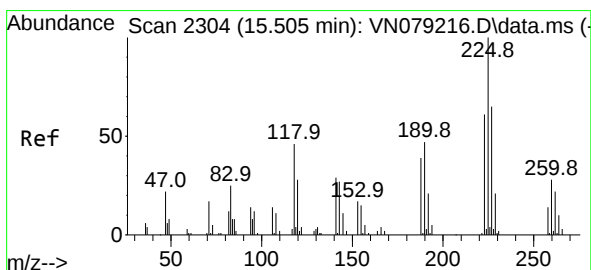
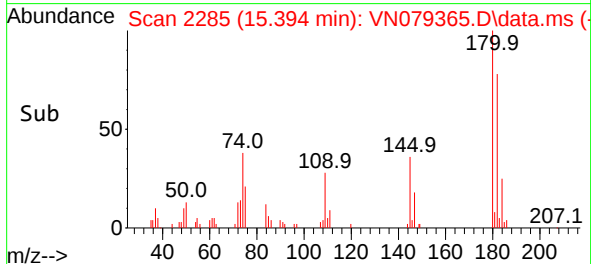
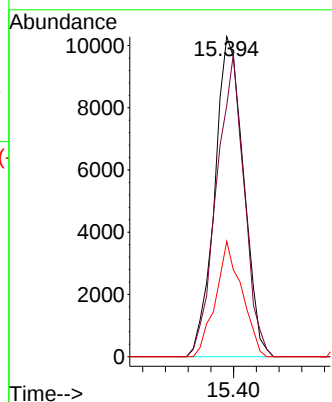
Tgt Ion:180 Resp: 18135

Ion Ratio Lower Upper

180 100

182 90.6 46.1 138.2

145 32.7 16.6 49.8



#94

Hexachlorobutadiene

Concen: 14.828 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

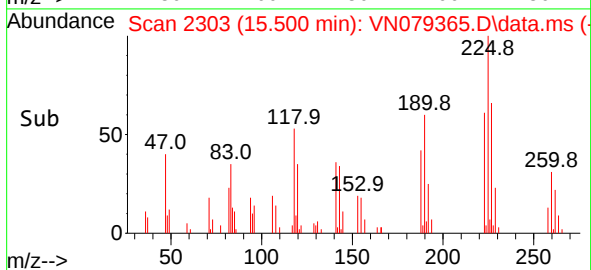
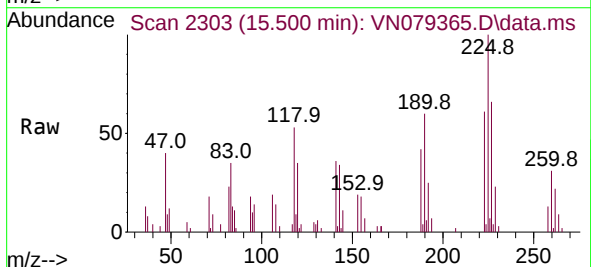
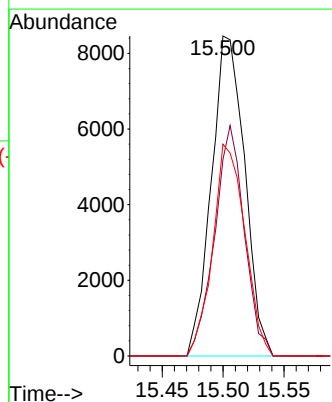
Tgt Ion:225 Resp: 16114

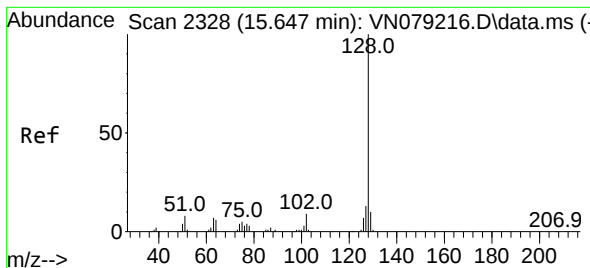
Ion Ratio Lower Upper

225 100

223 64.3 31.3 93.8

227 64.0 31.9 95.9





#95

Naphthalene

Concen: 10.240 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079365.D

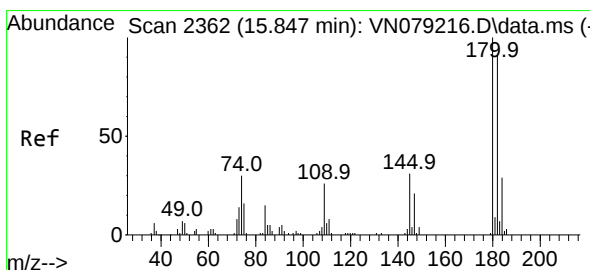
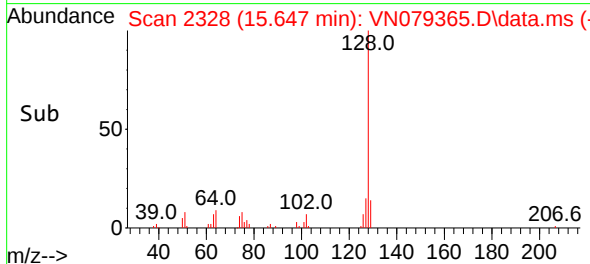
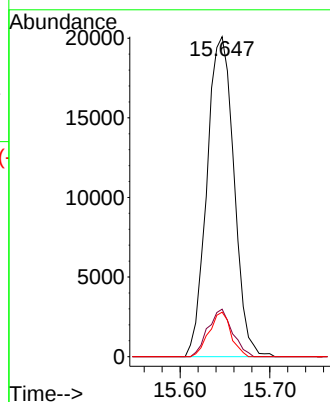
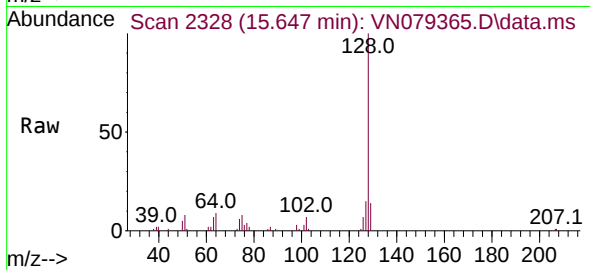
Acq: 28 Sep 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	42013
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.0 15.0
129	11.3	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 13.669 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN079365.D

Acq: 28 Sep 2023 11:30

Tgt Ion:180	Resp:	22275
Ion Ratio	Lower	Upper
180	100	
182	87.5	46.2 138.6
145	32.3	17.5 52.6

