

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080731.D
 Acq On : 22 Jan 2024 10:25
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 23 01:22:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	14944	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	123472	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	136826	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	64639	26.785	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	89.267%#
60) 4-Bromofluorobenzene	12.847	95	84953	28.067	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.567%
63) Toluene-d8	10.565	98	178398	29.709	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.033%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	50130	19.737	ug/l	94
3) Chloromethane	2.359	50	69104	19.973	ug/l	94
4) Vinyl Chloride	2.518	62	52698	20.023	ug/l	94
5) Bromomethane	2.971	94	21226	21.965	ug/l	98
6) Chloroethane	3.130	64	30024	21.101	ug/l	93
7) Trichlorofluoromethane	3.500	101	72781	18.511	ug/l	94
8) Diethyl Ether	3.959	74	34456	18.831	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	26342	11.626	ug/l	64
10) 1,1-Dichloroethene	4.341	96	44986	18.484	ug/l	# 80
11) Methyl Iodide	4.588	142	37562	18.095	ug/l	98
12) Methyl Acetate	5.018	43	51714	17.960	ug/l	# 84
13) Acrolein	4.171	56	28297	73.931	ug/l	96
14) Acrylonitrile	5.712	53	123944	95.523	ug/l	# 27
15) Acetone	3.965	58	344	1.169	ug/l	87
16) Carbon Disulfide	4.712	76	141521	18.770	ug/l	97
17) Allyl chloride	5.024	41	90985	18.468	ug/l	90
18) Methylene Chloride	5.271	84	51921	18.359	ug/l	89
19) trans-1,2-Dichloroethene	5.783	96	49393	19.303	ug/l	92
20) Diisopropyl ether	6.671	45	196966	19.701	ug/l	# 95
21) 1,1-Dichloroethane	6.559	63	105981	19.520	ug/l	95
22) cis-1,2-Dichloroethene	7.482	96	59395	19.842	ug/l	91
23) tert-Butyl Alcohol	5.500	59	37586	83.991	ug/l	# 100
25) Chloroform	7.965	83	94893	18.773	ug/l	98
26) Cyclohexane	8.253	56	86873	20.347	ug/l	89
29) 1,1-Dichloropropene	8.371	75	76713	20.439	ug/l	96
30) 2-Butanone	7.482	43	153720	92.555	ug/l	# 54
31) 2,2-Dichloropropane	7.482	77	88353	19.595	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	80482	19.487	ug/l	94
33) Carbon Tetrachloride	8.359	117	63529	19.477	ug/l	# 90
34) Benzene	8.606	78	232113	20.849	ug/l	96
35) Methacrylonitrile	7.777	41	42248	20.272	ug/l	90
36) 1,2-Dichloroethane	8.671	62	71665	17.507	ug/l	99
37) Trichloroethene	9.353	130	47845	19.706	ug/l	84
38) Methylcyclohexane	9.600	83	78650	21.510	ug/l	96
39) 1,2-Dichloropropane	9.623	63	62893	20.960	ug/l	97
40) Dibromomethane	9.706	93	34758	19.468	ug/l	87
41) Bromodichloromethane	9.888	83	74357	19.032	ug/l	# 99
42) Vinyl Acetate	6.600	43	760407	98.507	ug/l	94
43) Ethyl Acetate	7.553	43	68808	19.730	ug/l	95

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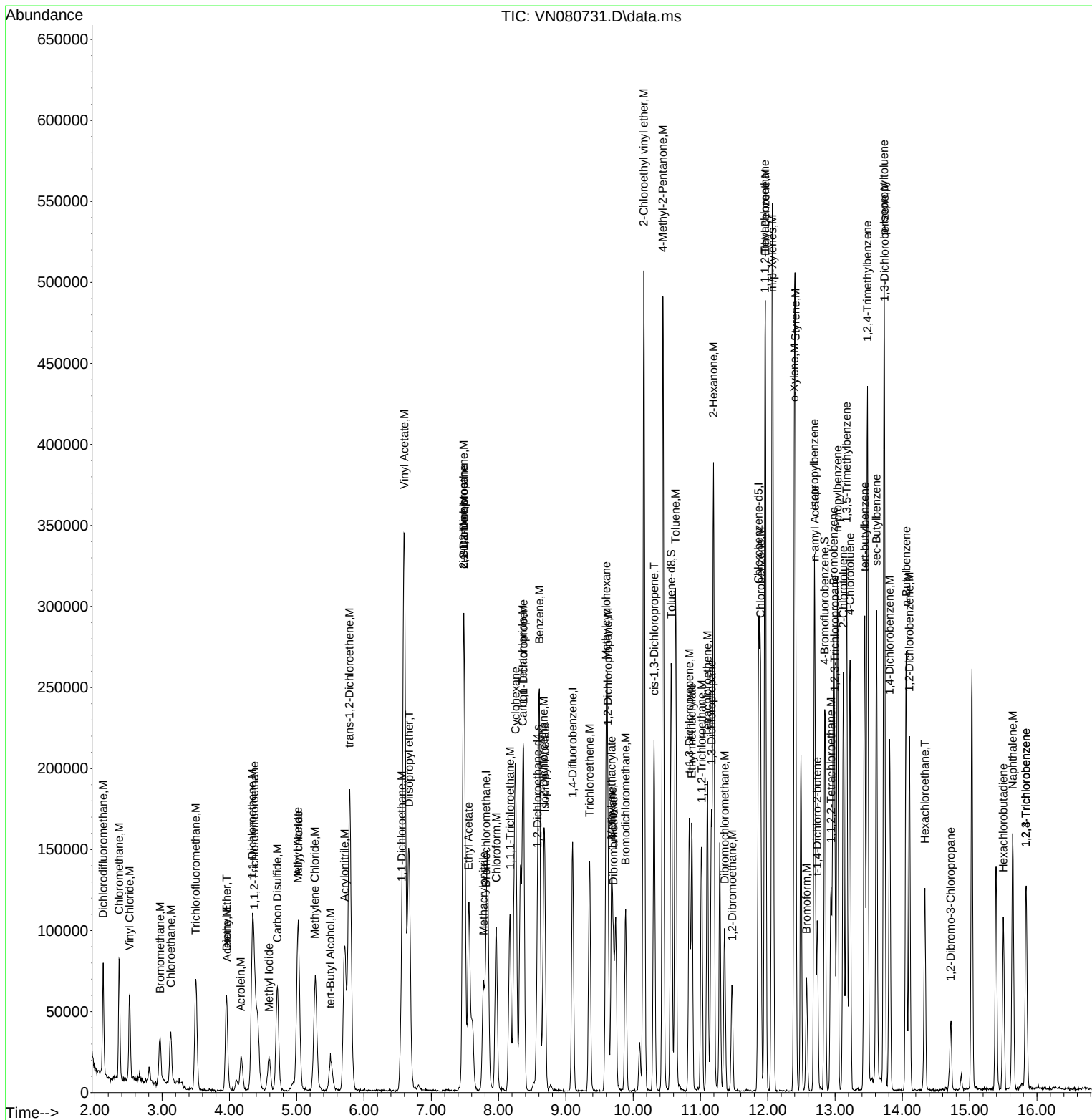
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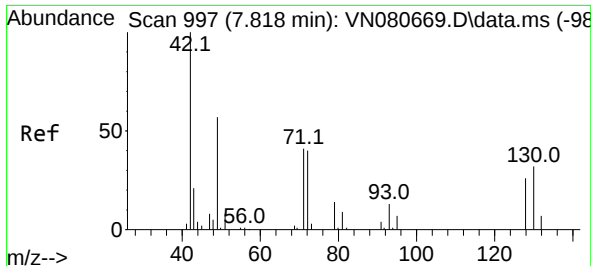
Quant Time: Jan 23 01:22:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.688	43	127680	19.179	ug/l	89
45) 1,4-Dioxane	9.694	88	12802	338.114	ug/l #	61
46) Methyl methacrylate	9.676	41	58745	18.739	ug/l	86
47) n-amyl Acetate	12.700	43	4124	0.690	ug/l	91
48) t-1,3-Dichloropropene	10.835	75	88441	19.211	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	98692	20.198	ug/l #	80
50) 1,1,2-Trichloroethane	11.017	97	48580	19.813	ug/l	94
51) Ethyl methacrylate	10.870	69	81704	19.276	ug/l	72
52) 1,3-Dichloropropane	11.165	76	92039	19.940	ug/l	96
53) Dibromochloromethane	11.359	129	48162	19.629	ug/l	98
54) 1,2-Dibromoethane	11.470	107	46826	19.428	ug/l	96
55) 2-Chloroethyl vinyl ether	10.159	63	228770	105.009	ug/l #	92
56) Bromoform	12.576	173	28213	19.465	ug/l	96
58) 4-Methyl-2-Pentanone	10.441	43	350192	97.293	ug/l #	85
59) 2-Hexanone	11.194	43	254569	94.728	ug/l #	88
61) Tetrachloroethene	11.106	164	38768	21.285	ug/l	95
62) Toluene	10.629	91	224203	20.373	ug/l	98
64) Chlorobenzene	11.894	112	128952	21.038	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.959	131	43865	19.917	ug/l	94
66) Ethyl Benzene	11.964	91	241857	20.895	ug/l	96
67) m/p-Xylenes	12.070	106	176042	42.316	ug/l	100
68) o-Xylene	12.394	106	86871	20.938	ug/l	99
69) Styrene	12.412	104	143359	20.567	ug/l	99
70) Isopropylbenzene	12.694	105	207307	20.444	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	62330	18.832	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	85250	27.176	ug/l	67
73) Bromobenzene	12.982	156	42908	19.852	ug/l	75
74) n-propylbenzene	13.035	91	257192	21.031	ug/l	97
75) 2-Chlorotoluene	13.123	91	152610	19.843	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	172847	20.480	ug/l	96
77) t-1,4-Dichloro-2-butene	12.735	75	25400	19.751	ug/l	87
78) 4-Chlorotoluene	13.223	91	154095	20.045	ug/l	97
79) tert-butylbenzene	13.441	119	134926	20.481	ug/l	95
80) 1,2,4-Trimethylbenzene	13.482	105	168234	20.374	ug/l	99
81) sec-Butylbenzene	13.617	105	204256	21.062	ug/l	95
82) p-Isopropyltoluene	13.729	119	161796	21.877	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	79630	21.236	ug/l	98
84) 1,4-Dichlorobenzene	13.811	146	79342	21.015	ug/l	100
85) n-Butylbenzene	14.058	91	151413	20.721	ug/l	94
86) Hexachloroethane	14.335	117	26734	19.223	ug/l	84
87) 1,2-Dichlorobenzene	14.106	146	75730	20.588	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	12038	17.469	ug/l #	78
89) 1,2,4-Trichlorobenzene	15.835	180	38418	20.823	ug/l	99
90) Hexachlorobutadiene	15.500	225	16430	19.437	ug/l	91
91) Naphthalene	15.641	128	134819	18.745	ug/l	98
92) 1,2,3-Trichlorobenzene	15.835	180	38418	20.823	ug/l	99

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

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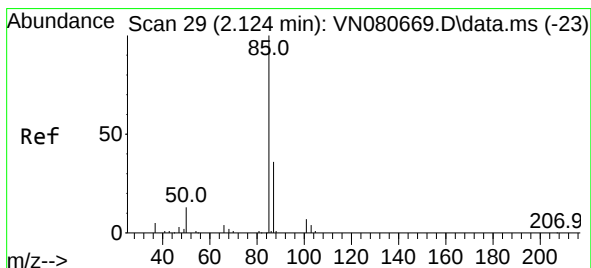
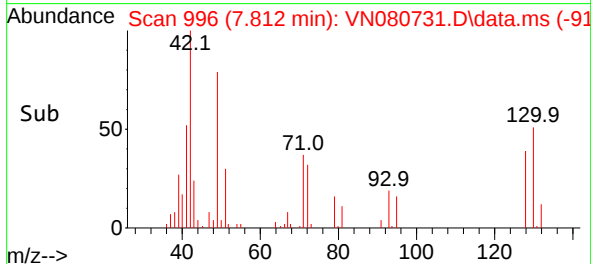
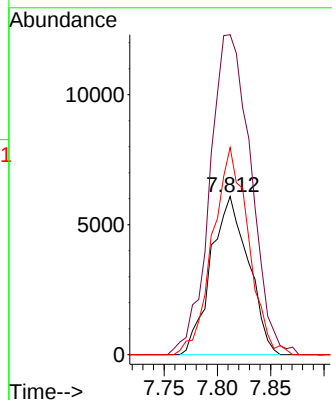
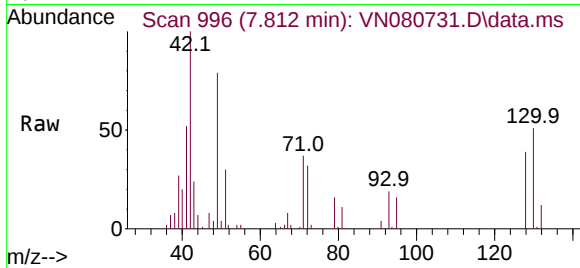




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

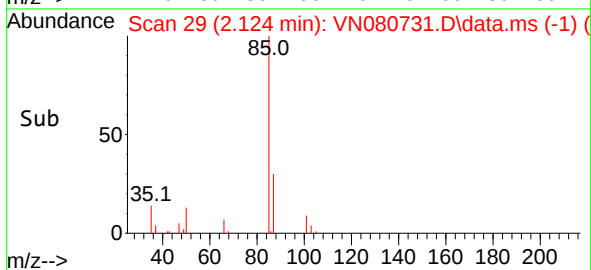
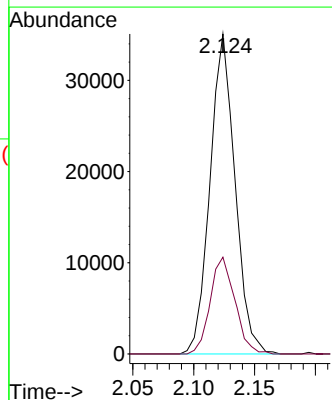
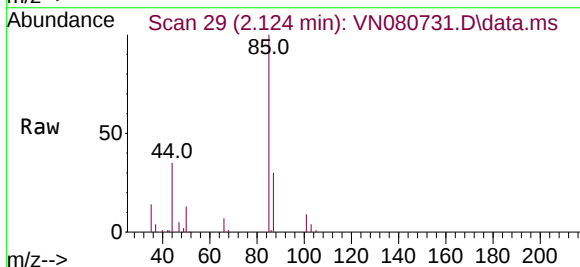
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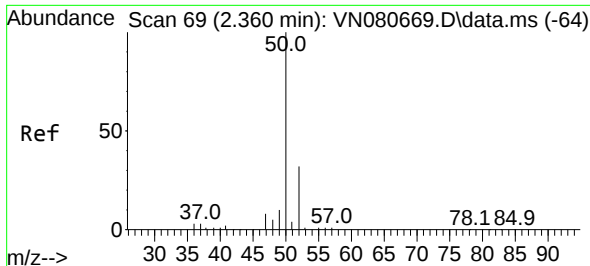
Tgt Ion:128 Resp: 14944
Ion Ratio Lower Upper
128 100
49 220.2 0.0 403.7
130 123.5 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 19.737 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Tgt Ion: 85 Resp: 50130
Ion Ratio Lower Upper
85 100
87 30.3 16.8 50.3

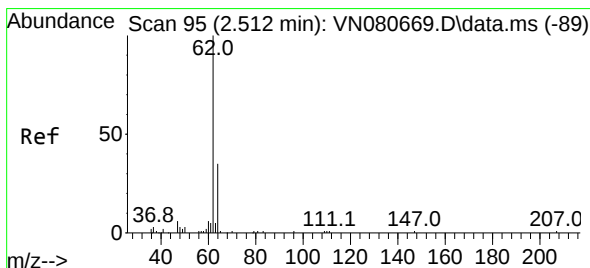
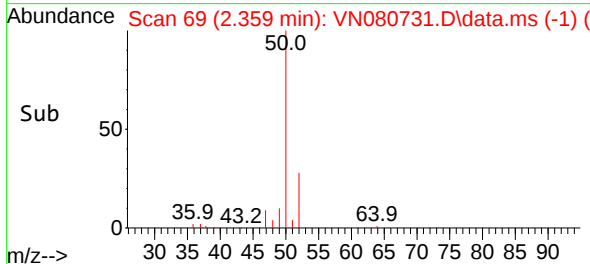
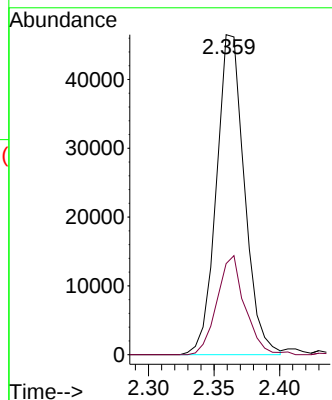
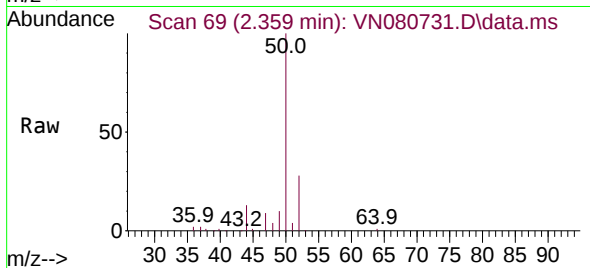




#3
Chloromethane
Concen: 19.973 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.001 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

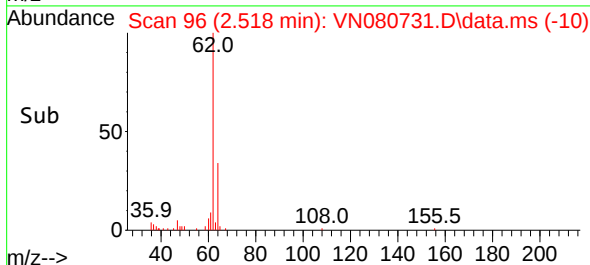
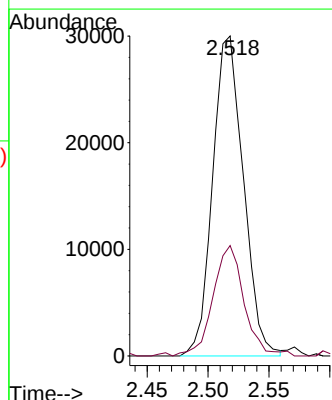
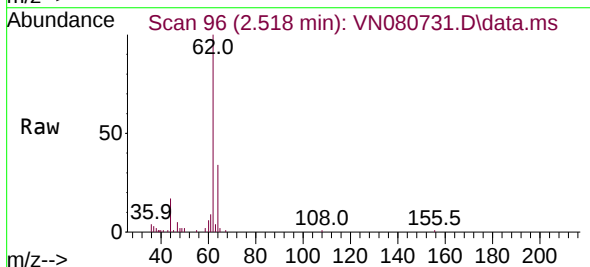
Instrument :
MSVOA_N
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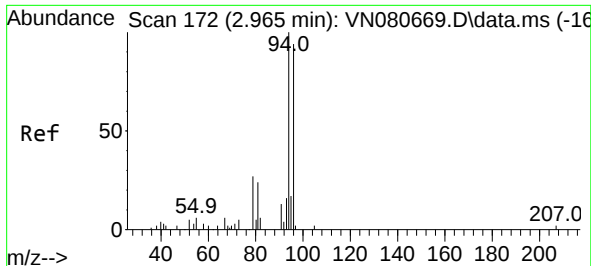
Tgt Ion: 50 Resp: 69104
Ion Ratio Lower Upper
50 100
52 28.5 25.4 38.0



#4
Vinyl Chloride
Concen: 20.023 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Tgt Ion: 62 Resp: 52698
Ion Ratio Lower Upper
62 100
64 33.5 24.1 36.1

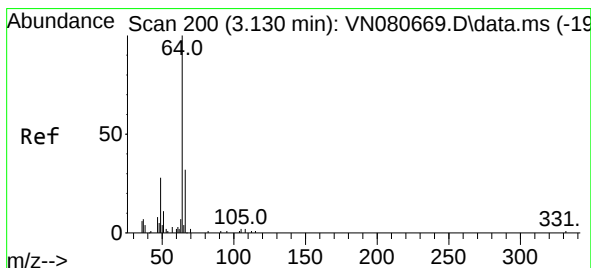
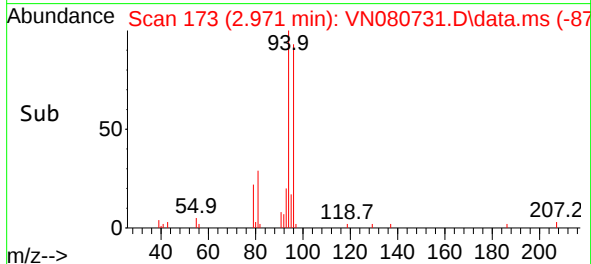
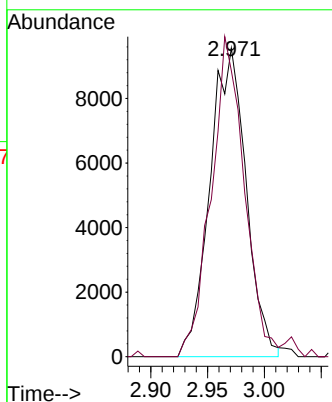
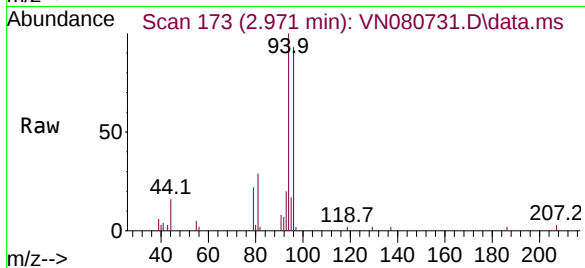




#5
Bromomethane
Concen: 21.965 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

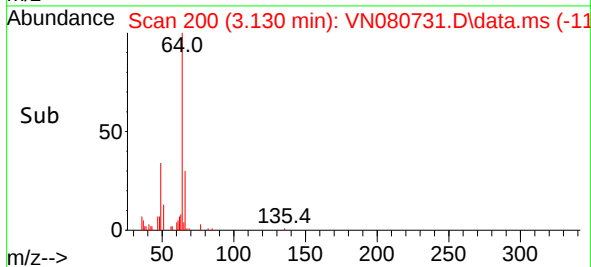
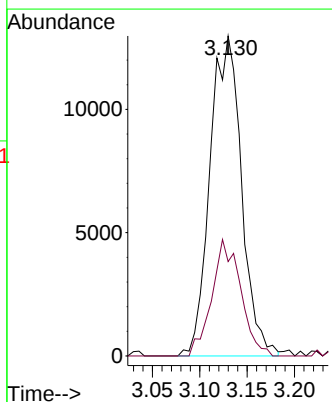
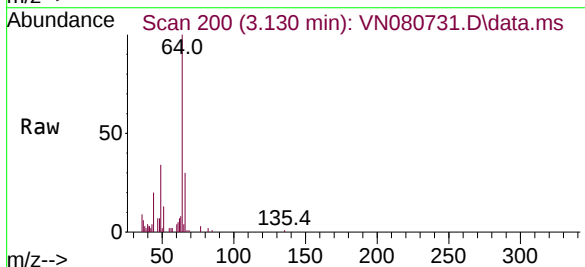
Instrument :
MSVOA_N
ClientSampleId :

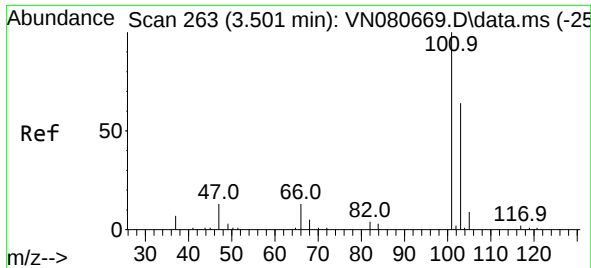
Tgt Ion: 94 Resp: 21226
Ion Ratio Lower Upper
94 100
96 92.7 72.8 109.2



#6
Chloroethane
Concen: 21.101 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.000 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Tgt Ion: 64 Resp: 30024
Ion Ratio Lower Upper
64 100
66 29.5 26.7 40.1

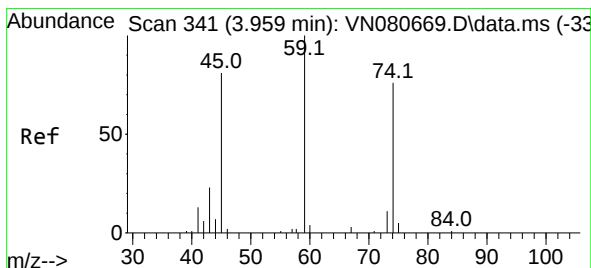
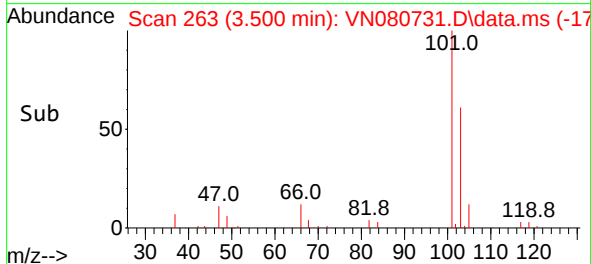
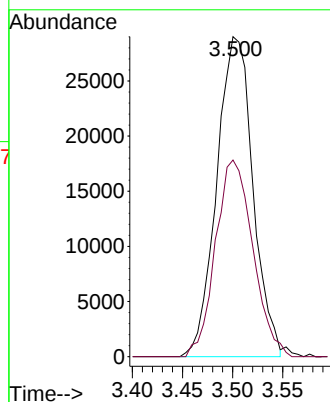
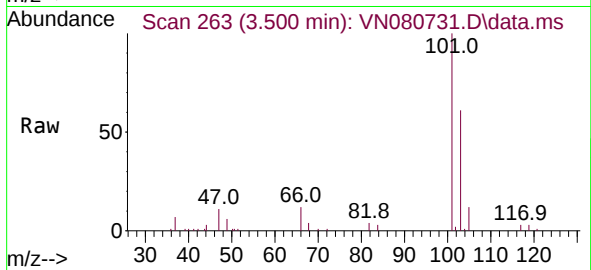




#7
 Trichlorofluoromethane
 Concen: 18.511 ug/l
 RT: 3.500 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VN080731.D
 Acq: 22 Jan 2024 10:25

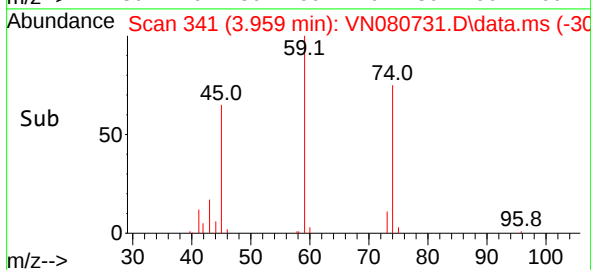
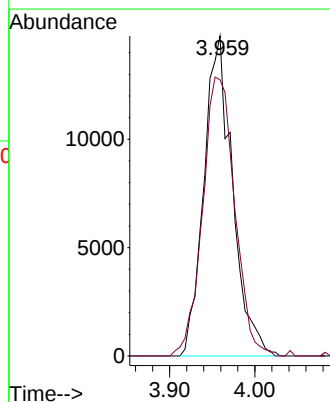
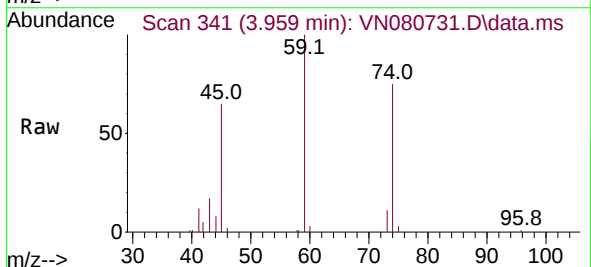
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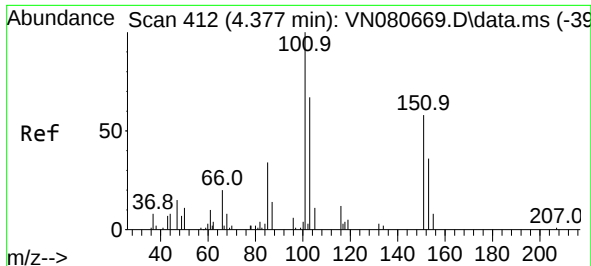
Tgt Ion:101 Resp: 72781
 Ion Ratio Lower Upper
 101 100
 103 61.5 53.0 79.4



#8
 Diethyl Ether
 Concen: 18.831 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080731.D
 Acq: 22 Jan 2024 10:25

Tgt Ion: 74 Resp: 34456
 Ion Ratio Lower Upper
 74 100
 45 97.6 16.4 147.4

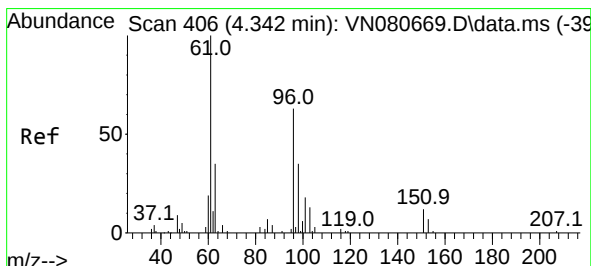
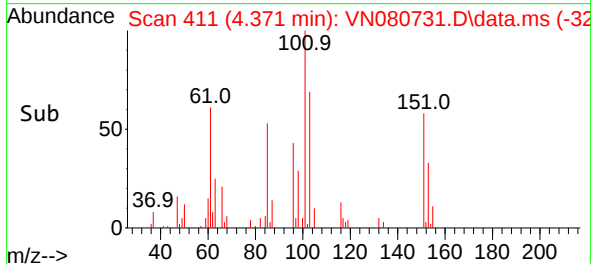
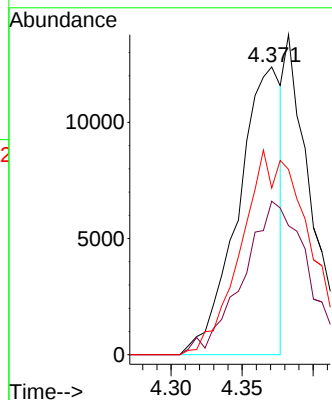
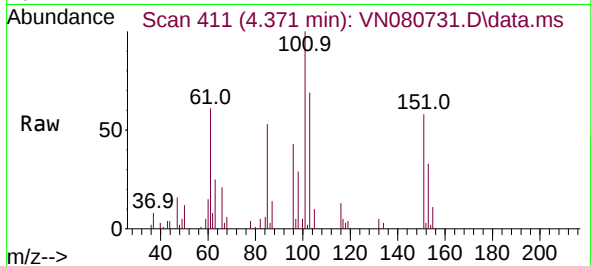




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.626 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN080731.D
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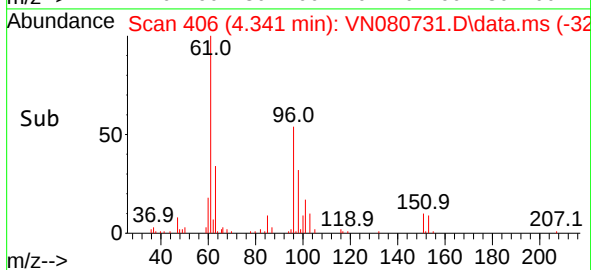
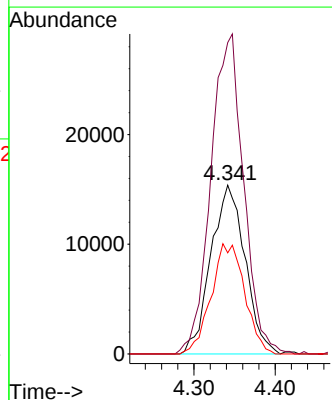
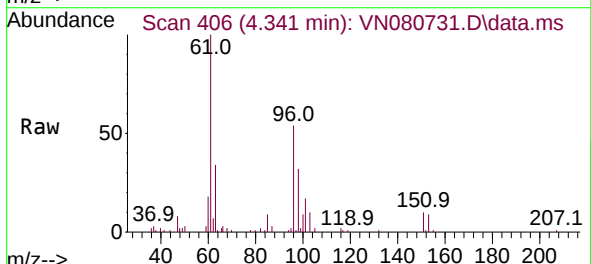
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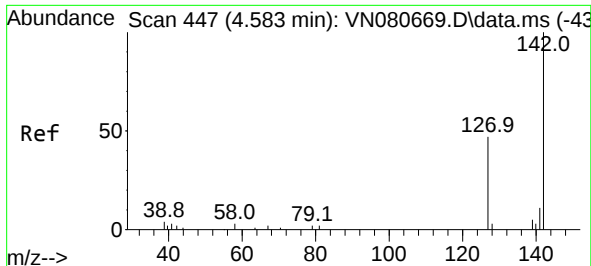
Tgt Ion:101 Resp: 26342
Ion Ratio Lower Upper
101 100
85 78.0 0.0 90.6
151 54.1 0.0 157.6



#10
1,1-Dichloroethene
Concen: 18.484 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.001 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

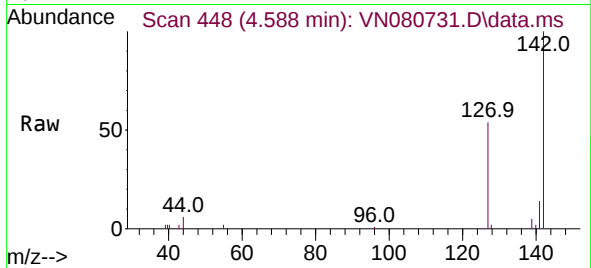
Tgt Ion: 96 Resp: 44986
Ion Ratio Lower Upper
96 100
61 182.1 117.6 176.4#
98 59.9 48.4 72.6



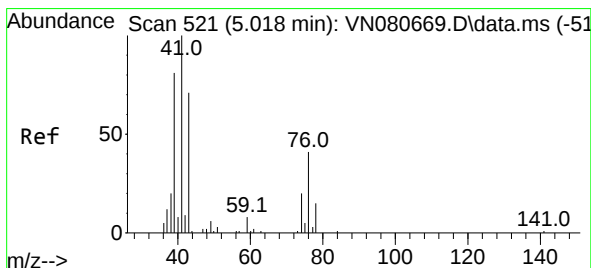
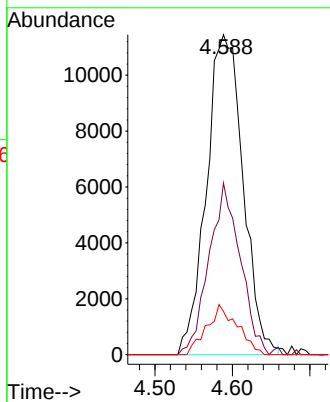
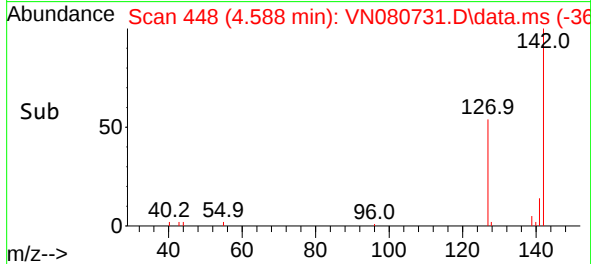


#11
Methyl Iodide
Concen: 18.095 ug/l
RT: 4.588 min Scan# 447
Delta R.T. 0.005 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

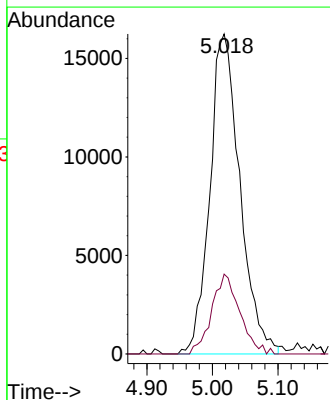
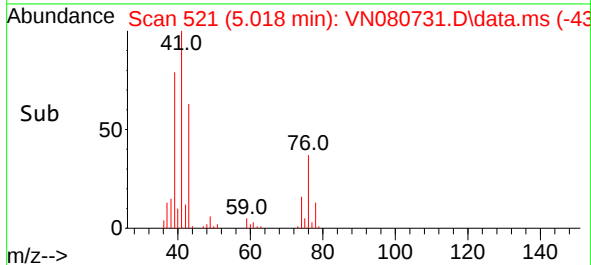
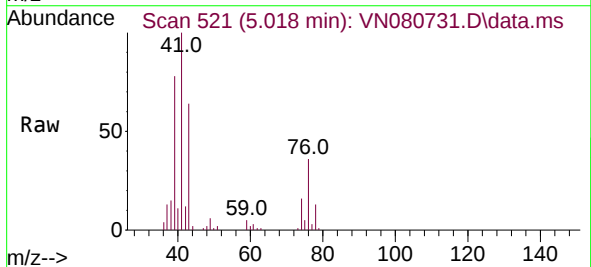


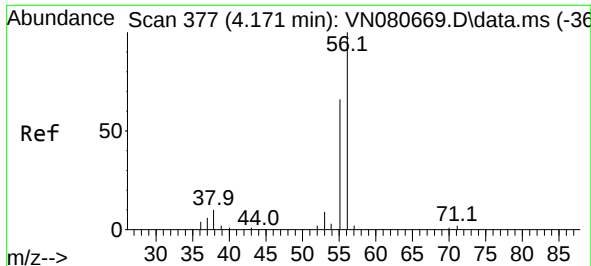
Tgt Ion:142 Resp: 37562
Ion Ratio Lower Upper
142 100
127 53.0 26.3 78.9
141 13.6 8.3 24.9



#12
Methyl Acetate
Concen: 17.960 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Tgt Ion: 43 Resp: 51714
Ion Ratio Lower Upper
43 100
74 25.3 27.7 41.5#

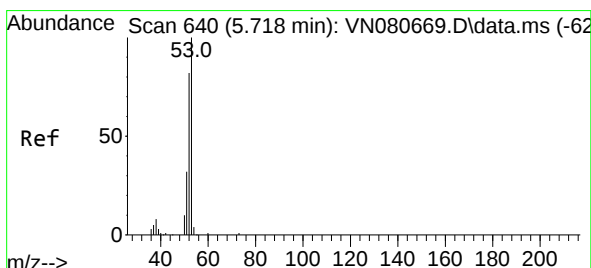
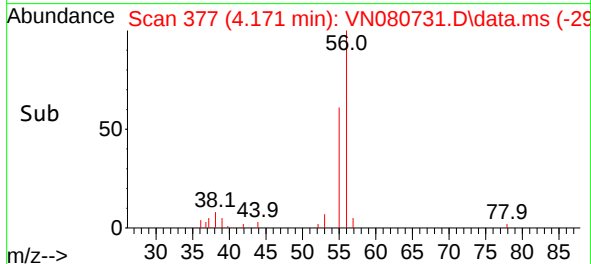
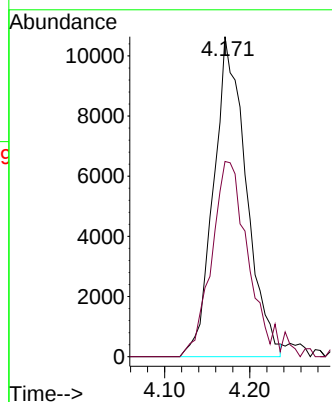
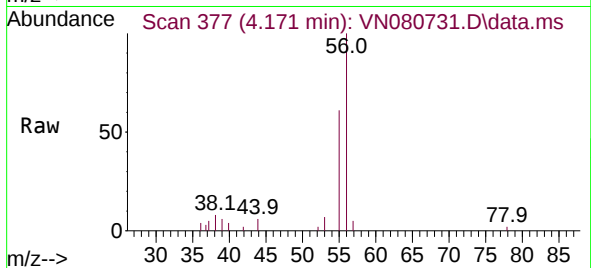




#13
Acrolein
Concen: 73.931 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

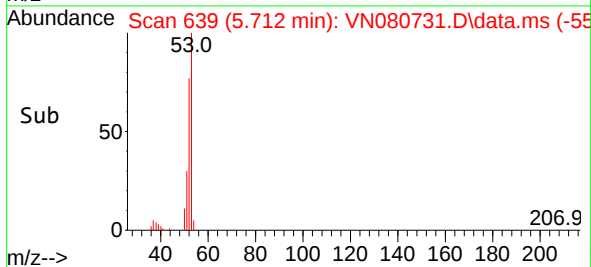
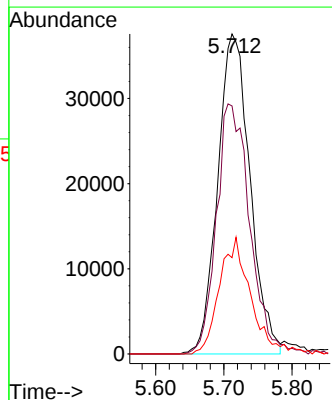
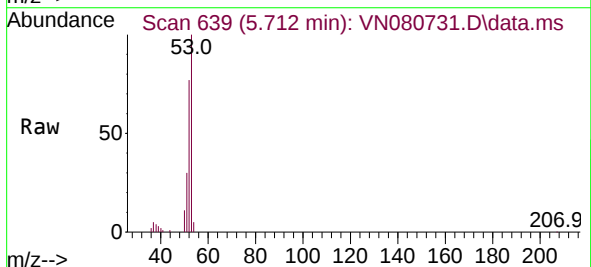
Instrument :
MSVOA_N
ClientSampleId :

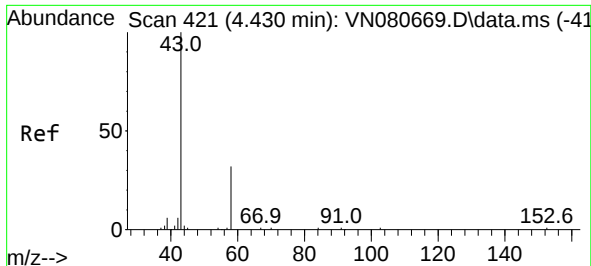
Tgt Ion: 56 Resp: 28297
Ion Ratio Lower Upper
56 100
55 66.0 55.5 83.3



#14
Acrylonitrile
Concen: 95.523 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Tgt Ion: 53 Resp: 123944
Ion Ratio Lower Upper
53 100
52 0.0 41.3 123.9#
51 18.6 16.8 50.3





#15

Acetone

Concen: 1.169 ug/l

RT: 3.965 min Scan# 34

Delta R.T. -0.465 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Instrument :

MSVOA_N

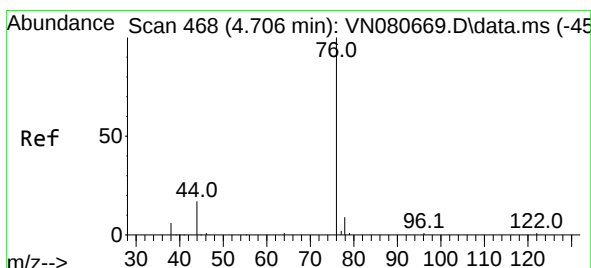
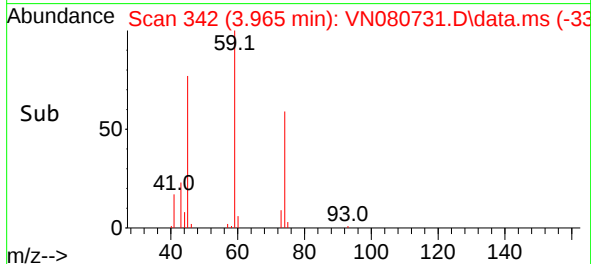
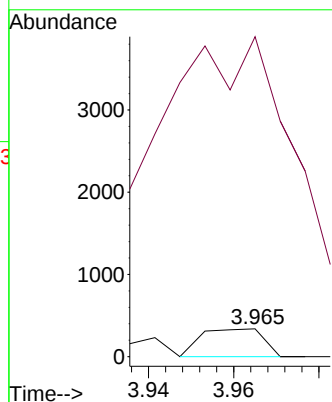
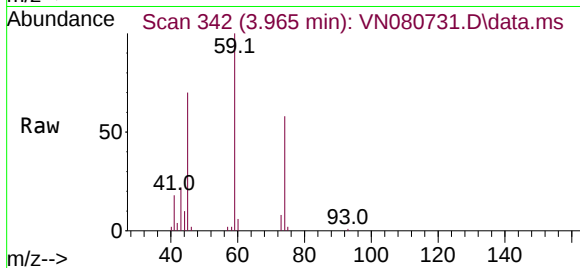
ClientSampleId :

Tgt Ion: 58 Resp: 344

Ion Ratio Lower Upper

58 100

43 303.6 223.1 334.7



#16

Carbon Disulfide

Concen: 18.770 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN080731.D

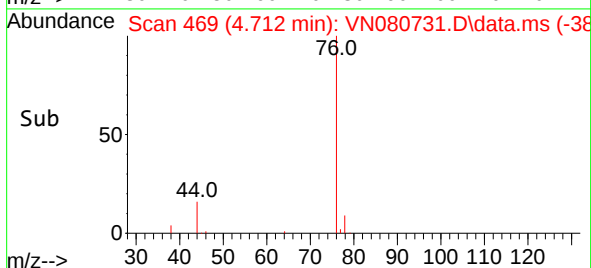
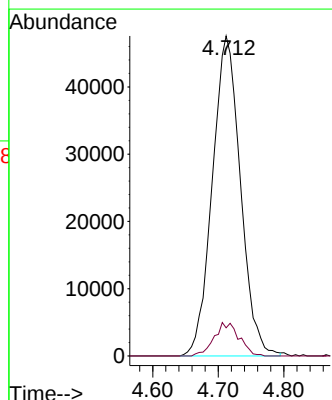
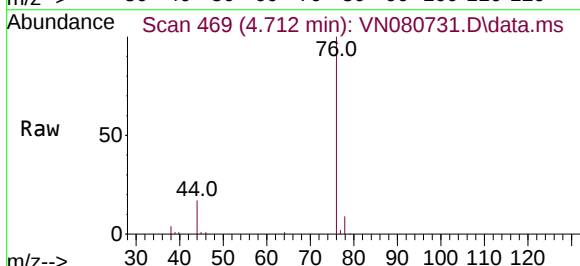
Acq: 22 Jan 2024 10:25

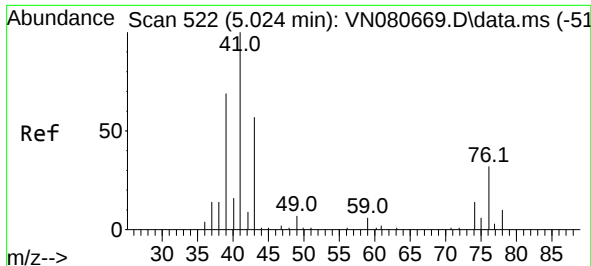
Tgt Ion: 76 Resp: 141521

Ion Ratio Lower Upper

76 100

78 8.8 6.3 9.5





#17

Allyl chloride

Concen: 18.468 ug/l

RT: 5.024 min Scan# 51

Delta R.T. -0.000 min

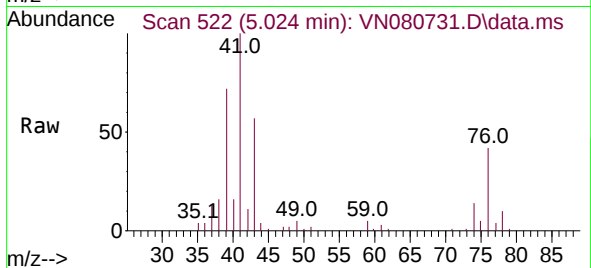
Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :



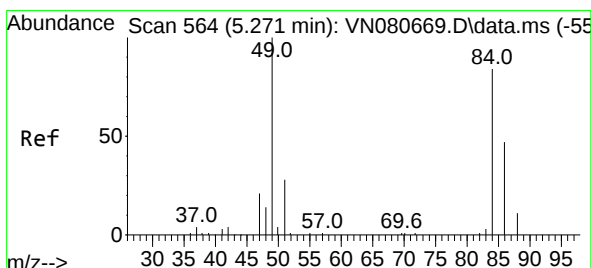
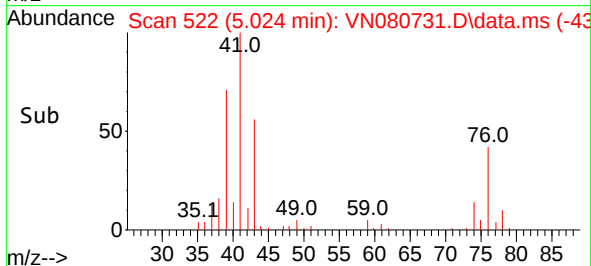
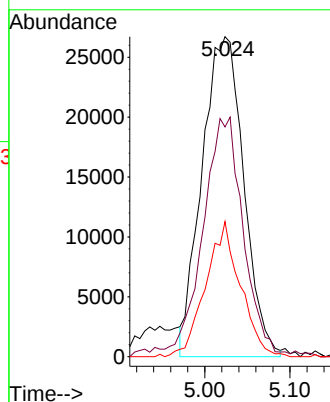
Tgt Ion: 41 Resp: 90985

Ion Ratio Lower Upper

41 100

39 71.7 37.6 112.9

76 42.1 27.8 83.4



#18

Methylene Chloride

Concen: 18.359 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Tgt Ion: 84 Resp: 51921

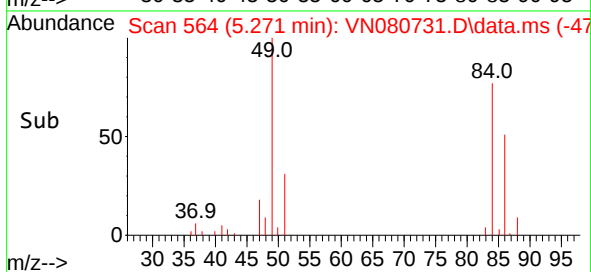
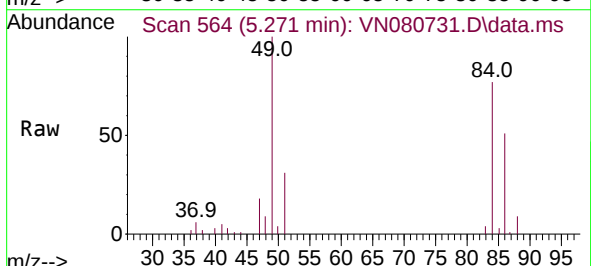
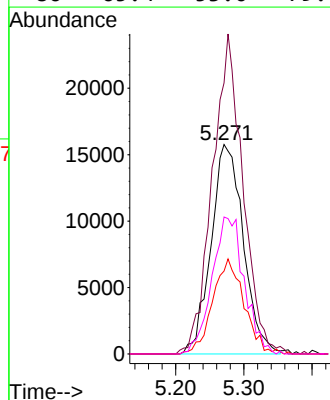
Ion Ratio Lower Upper

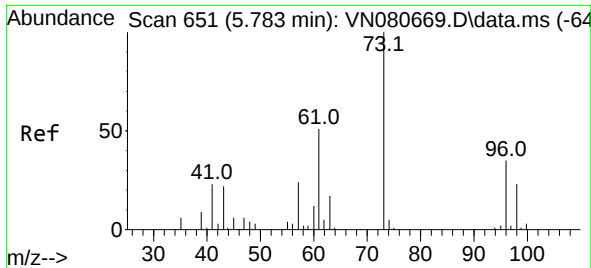
84 100

49 127.6 86.0 129.0

51 39.6 30.0 45.0

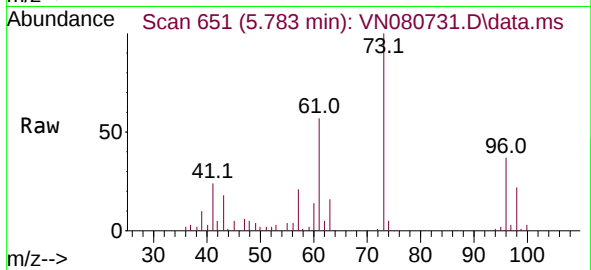
86 65.4 53.0 79.4





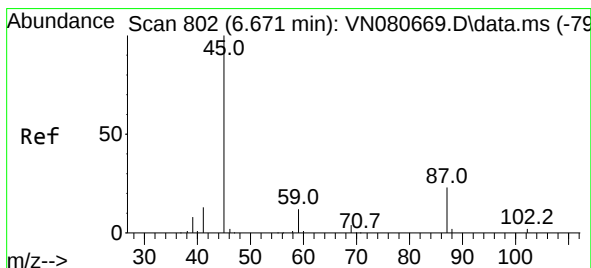
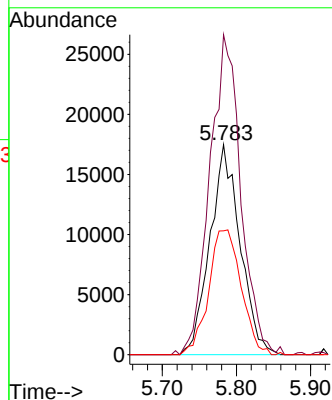
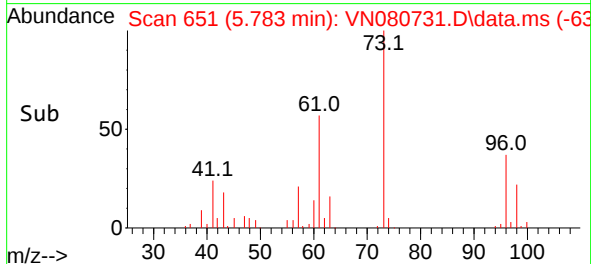
#19
trans-1,2-Dichloroethene
Concen: 19.303 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

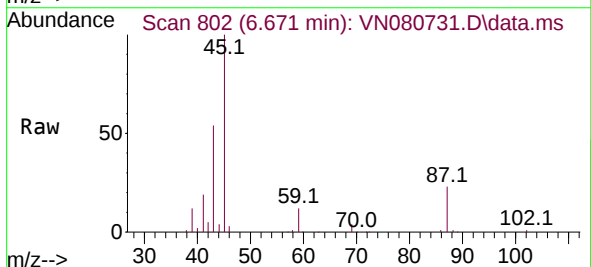


Tgt Ion: 96 Resp: 49393

Ion	Ratio	Lower	Upper
96	100		
61	152.4	111.8	167.6
98	59.0	49.2	73.8

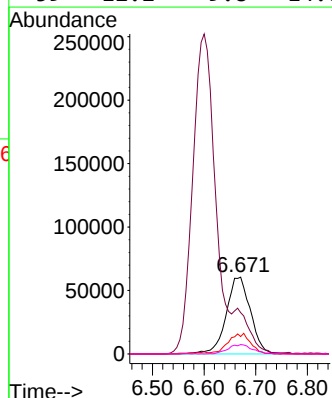
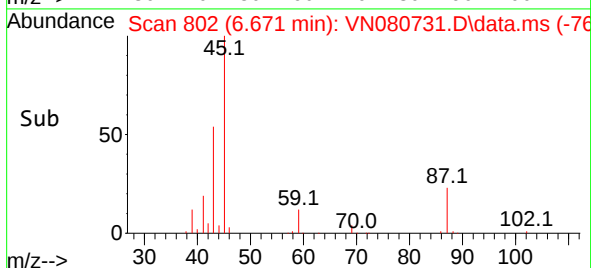


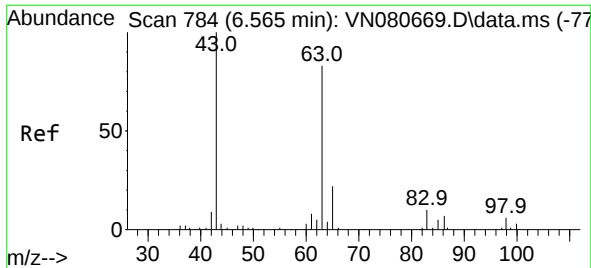
#20
Diisopropyl ether
Concen: 19.701 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25



Tgt Ion: 45 Resp: 196966

Ion	Ratio	Lower	Upper
45	100		
43	51.3	40.4	60.6
87	22.7	23.8	35.8#
59	12.2	9.8	14.6

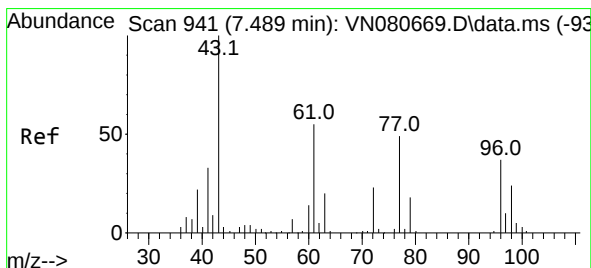
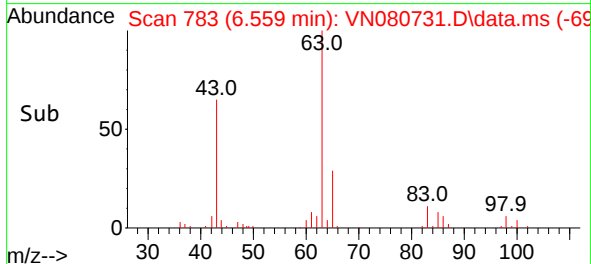
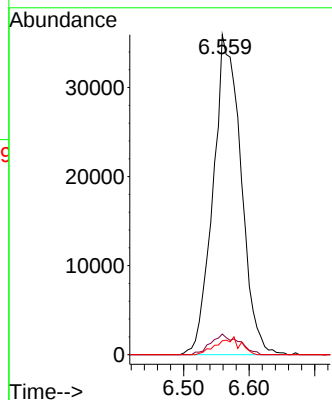
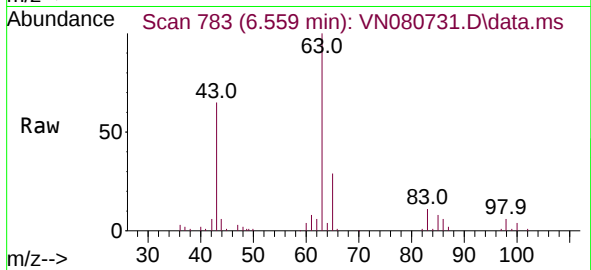




#21
1,1-Dichloroethane
Concen: 19.520 ug/l
RT: 6.559 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

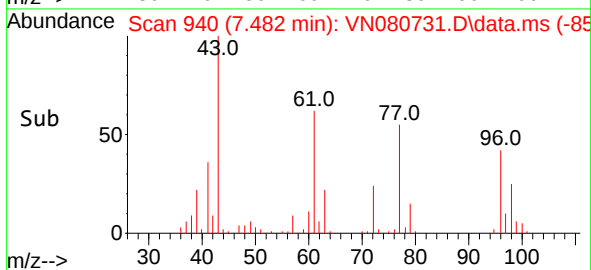
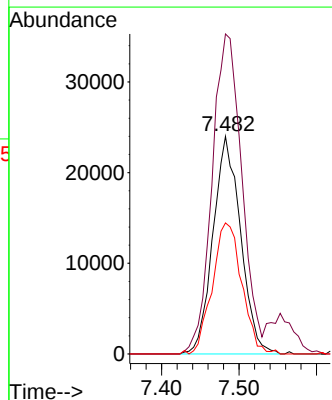
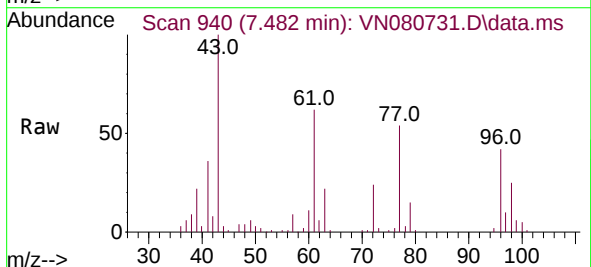
Instrument :
MSVOA_N
ClientSampleId :

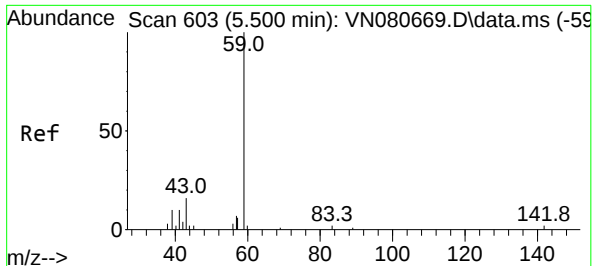
Tgt Ion: 63 Resp: 105981
Ion Ratio Lower Upper
63 100
98 6.5 4.1 12.3
100 4.4 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 19.842 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.007 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Tgt Ion: 96 Resp: 59395
Ion Ratio Lower Upper
96 100
61 158.2 113.5 170.3
98 64.0 52.0 78.0

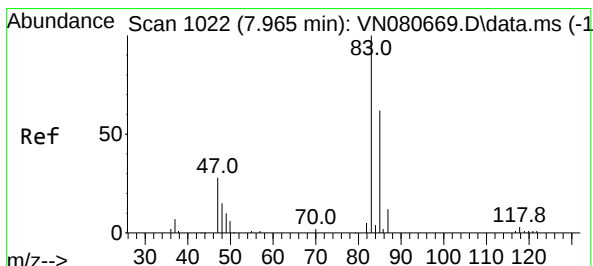
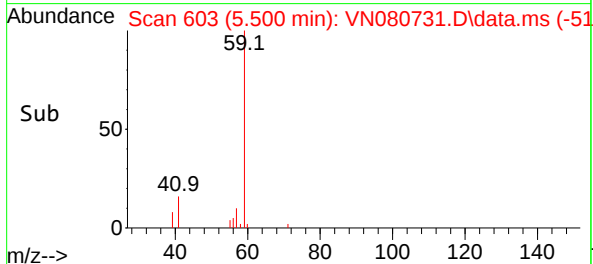
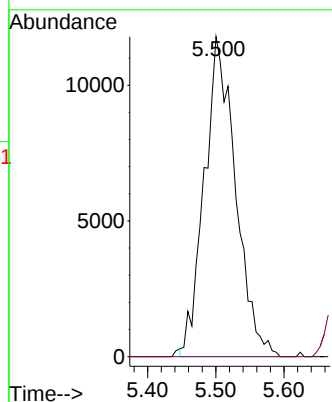
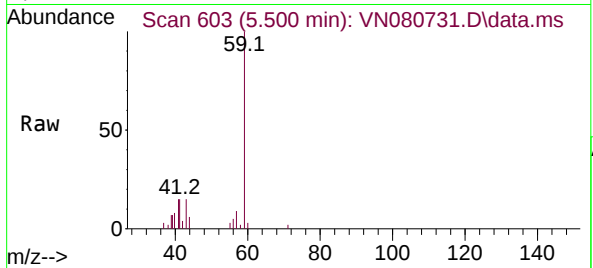




#23
tert-Butyl Alcohol
Concen: 83.991 ug/l
RT: 5.500 min Scan# 603
Delta R.T. 0.000 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

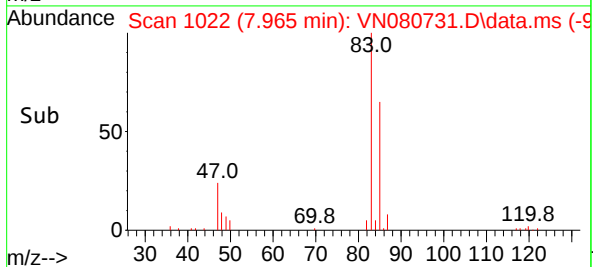
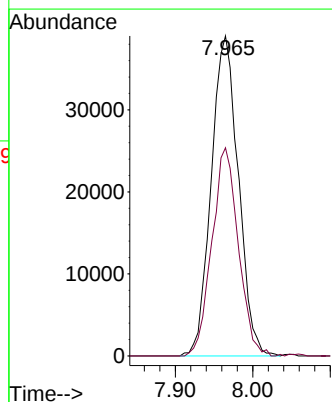
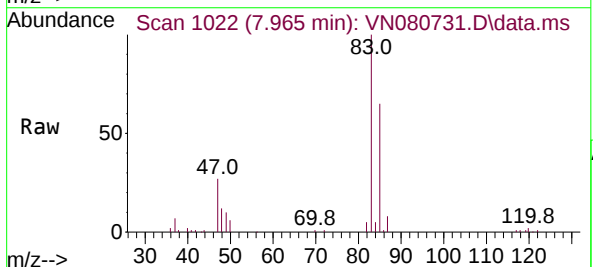
Instrument :
MSVOA_N
ClientSampleId :

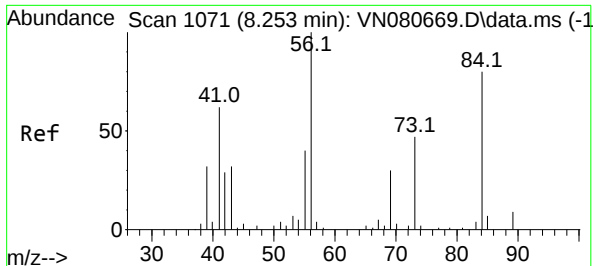
Tgt Ion: 59 Resp: 37586
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#25
Chloroform
Concen: 18.773 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Tgt Ion: 83 Resp: 94893
Ion Ratio Lower Upper
83 100
85 65.1 50.9 76.3

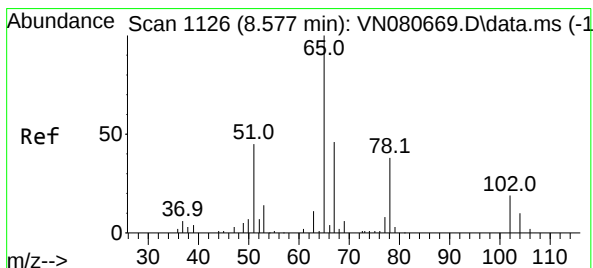
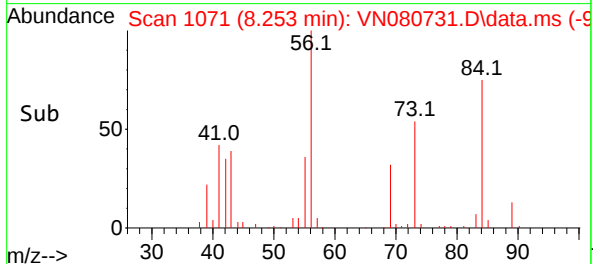
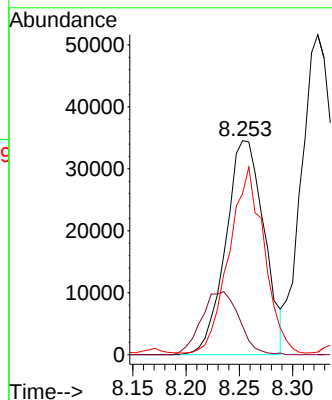
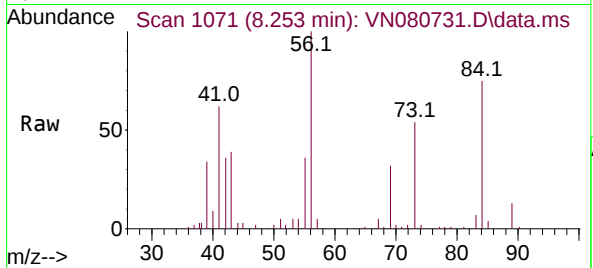




#26
Cyclohexane
Concen: 20.347 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

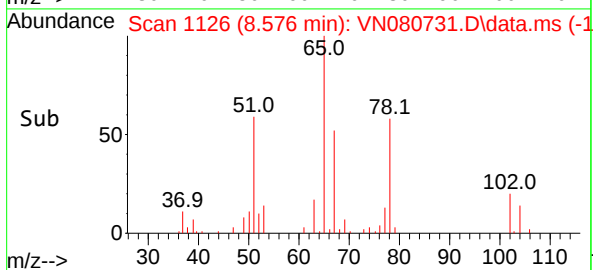
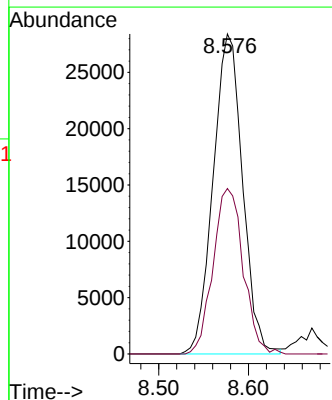
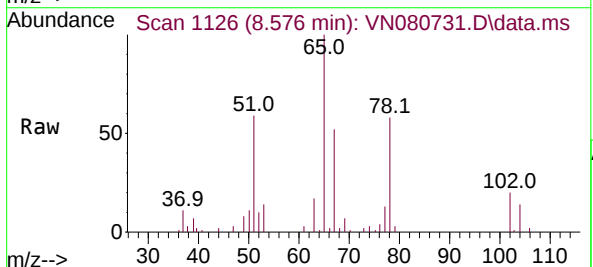
Instrument :
MSVOA_N
ClientSampleId :

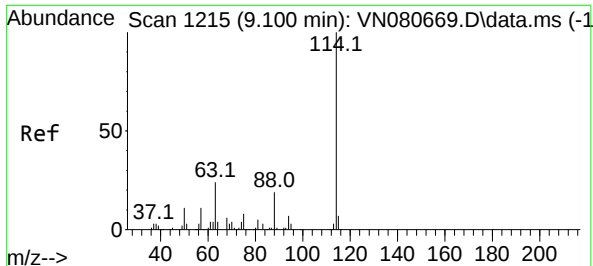
Tgt Ion: 56 Resp: 86873
Ion Ratio Lower Upper
56 100
89 28.8 19.3 28.9
84 78.6 71.3 106.9



#27
1,2-Dichloroethane-d4
Concen: 26.785 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.001 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Tgt Ion: 65 Resp: 64639
Ion Ratio Lower Upper
65 100
67 52.7 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

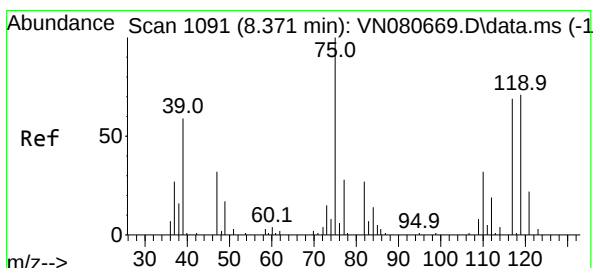
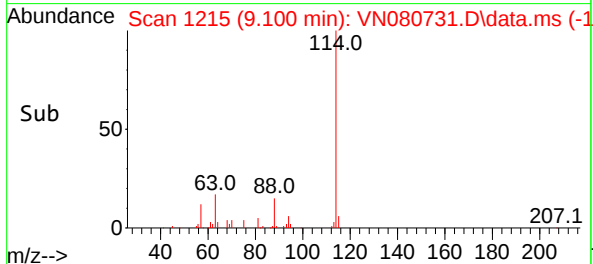
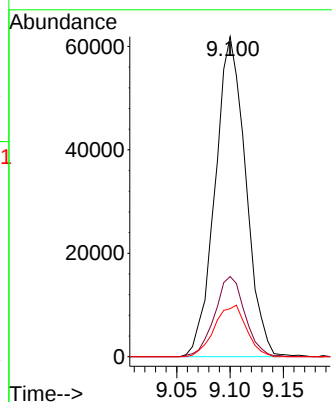
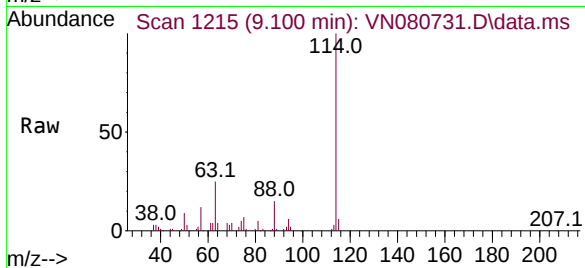
Tgt Ion:114 Resp: 123472

Ion Ratio Lower Upper

114 100

63 24.7 15.9 23.9#

88 16.7 12.7 19.1



#29

1,1-Dichloropropene

Concen: 20.439 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

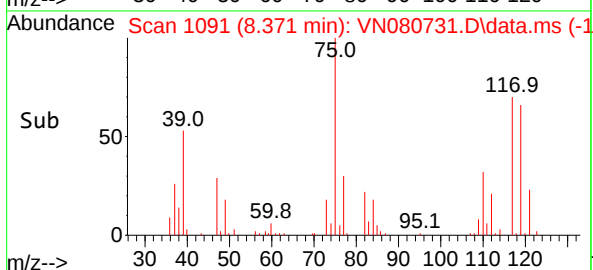
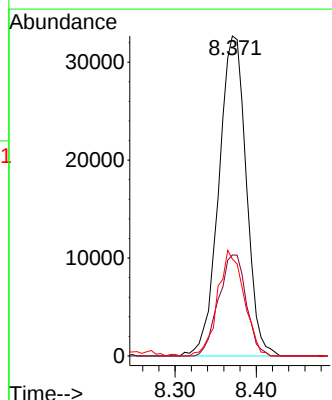
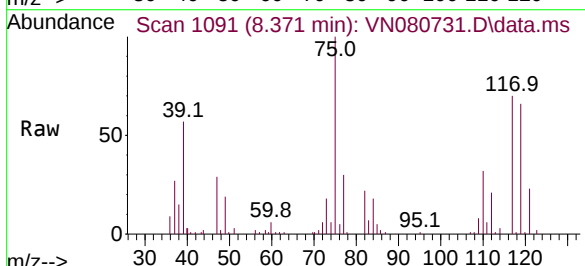
Tgt Ion: 75 Resp: 76713

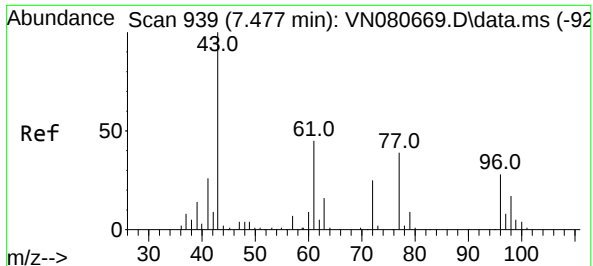
Ion Ratio Lower Upper

75 100

110 31.7 0.0 70.2

77 31.7 0.0 61.4

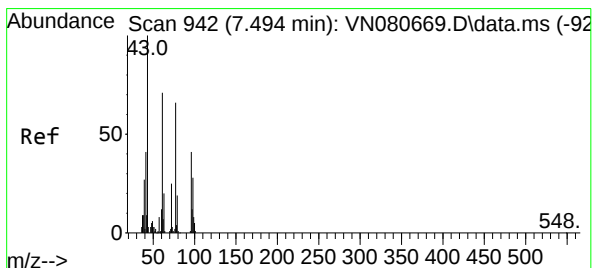
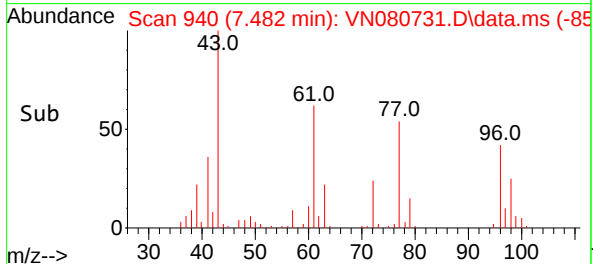
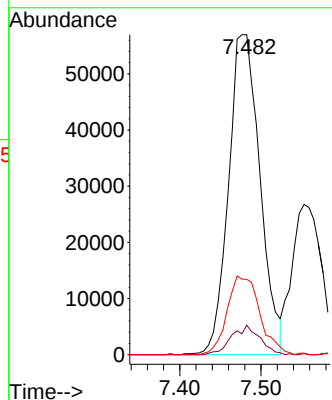
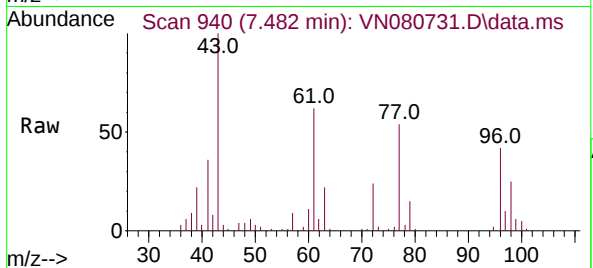




#30
2-Butanone
Concen: 92.555 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.005 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

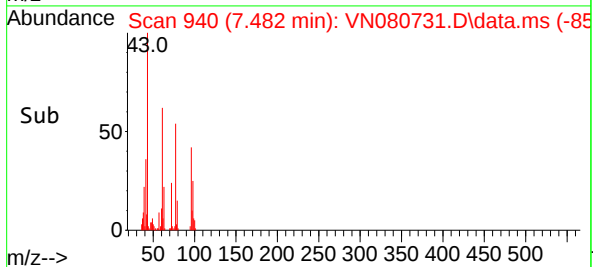
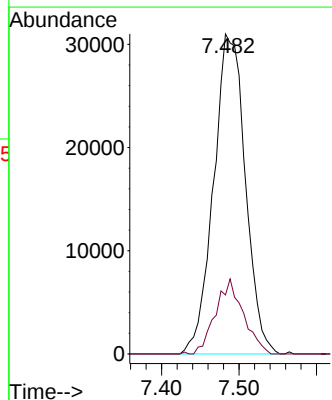
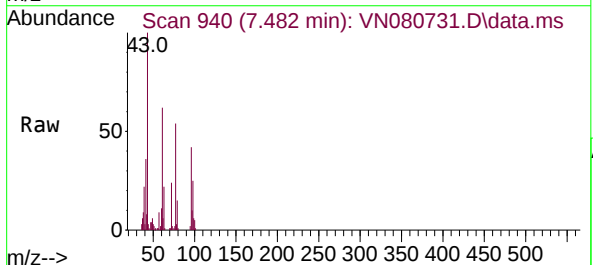
Instrument :
MSVOA_N
ClientSampleId :

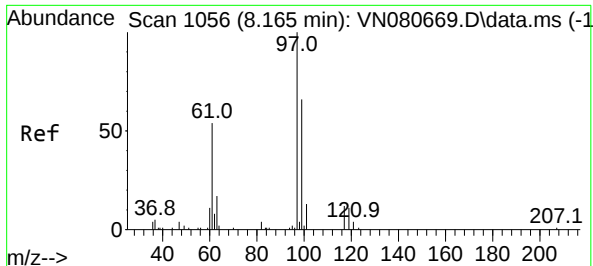
Tgt Ion: 43 Resp: 153720
Ion Ratio Lower Upper
43 100
57 4.5 6.7 10.1#
72 0.0 24.0 36.0#



#31
2,2-Dichloropropane
Concen: 19.595 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.012 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Tgt Ion: 77 Resp: 88353
Ion Ratio Lower Upper
77 100
97 20.5 18.3 27.5





#32

1,1,1-Trichloroethane

Concen: 19.487 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

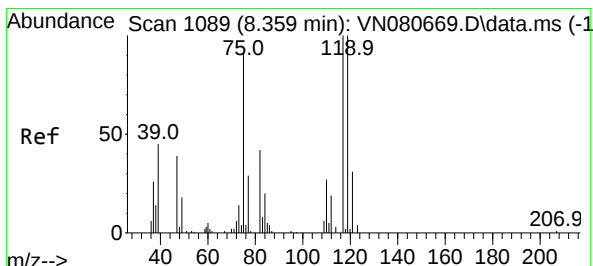
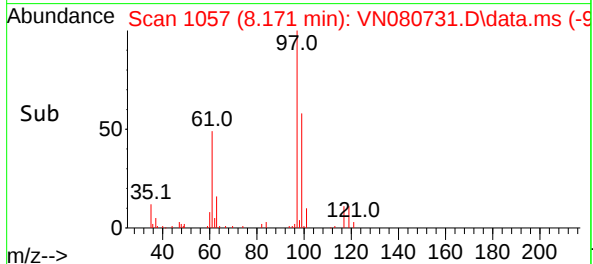
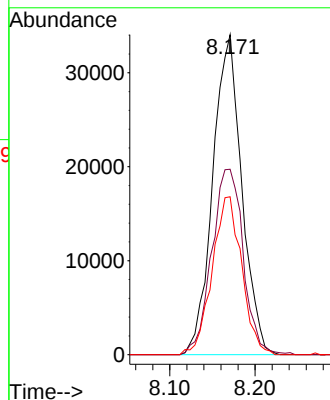
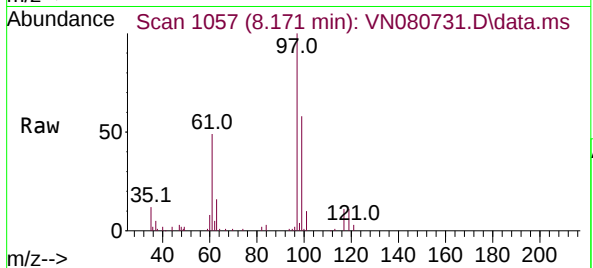
Tgt Ion: 97 Resp: 80482

Ion Ratio Lower Upper

97 100

99 62.8 51.0 76.4

61 50.1 33.8 50.8



#33

Carbon Tetrachloride

Concen: 19.477 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

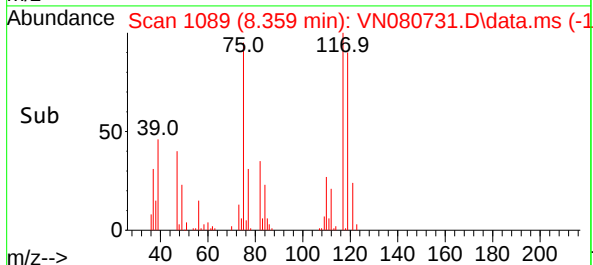
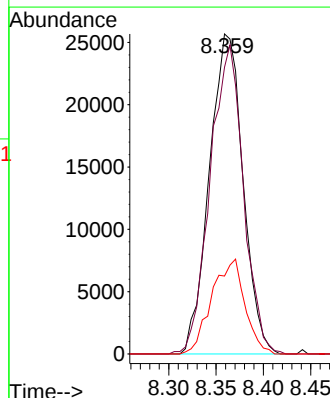
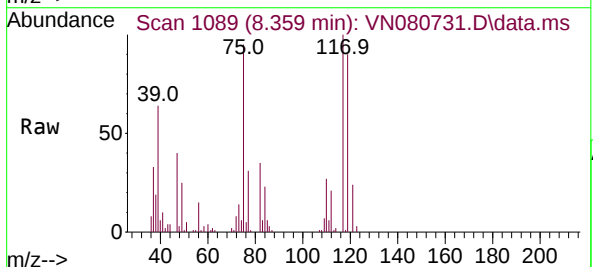
Tgt Ion: 117 Resp: 63529

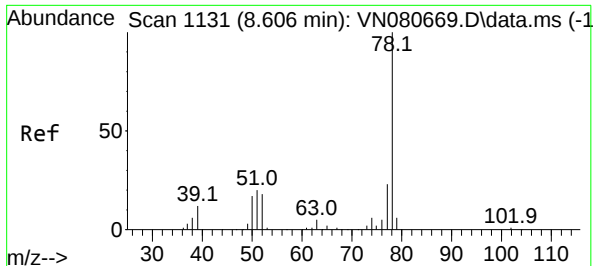
Ion Ratio Lower Upper

117 100

119 88.9 77.7 116.5

121 24.4 27.0 40.6#





#34

Benzene

Concen: 20.849 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

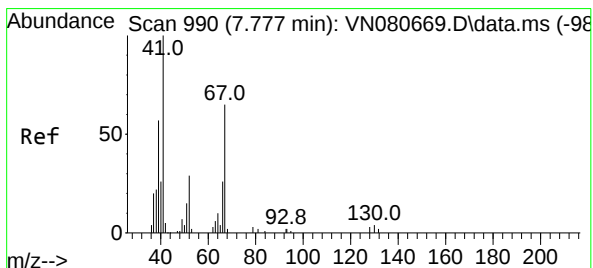
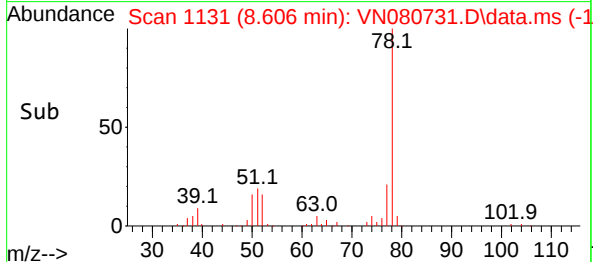
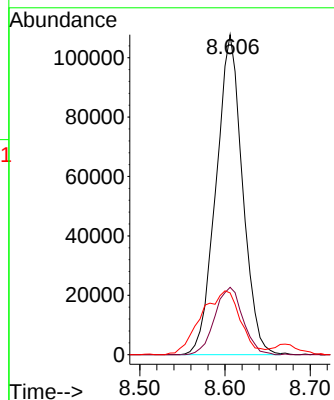
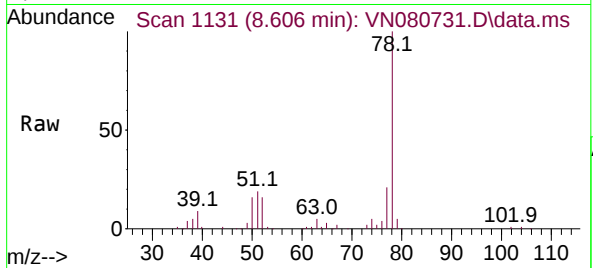
Tgt Ion: 78 Resp: 232113

Ion Ratio Lower Upper

78 100

77 21.0 19.2 28.8

51 17.3 13.3 19.9



#35

Methacrylonitrile

Concen: 20.272 ug/l

RT: 7.777 min Scan# 990

Delta R.T. -0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Tgt Ion: 41 Resp: 42248

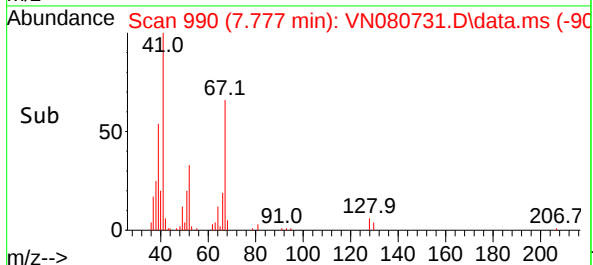
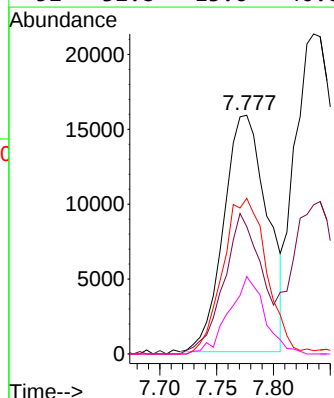
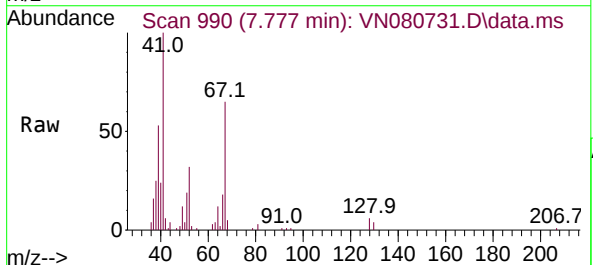
Ion Ratio Lower Upper

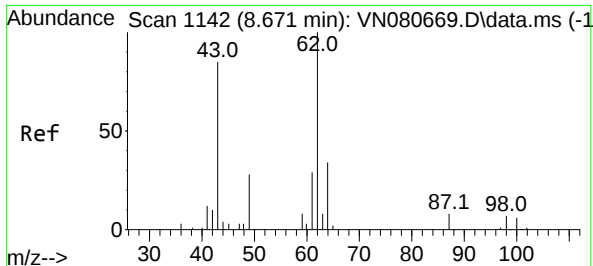
41 100

39 53.9 25.3 75.9

67 65.9 38.7 116.1

52 32.8 13.6 40.8





#36

1,2-Dichloroethane

Concen: 17.507 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Instrument :

MSVOA_N

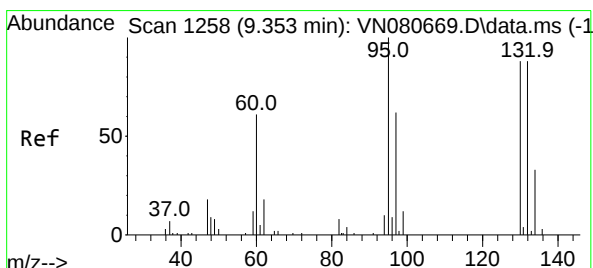
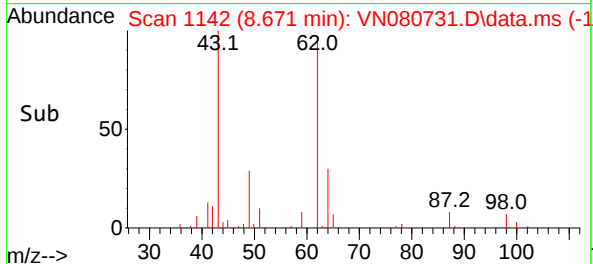
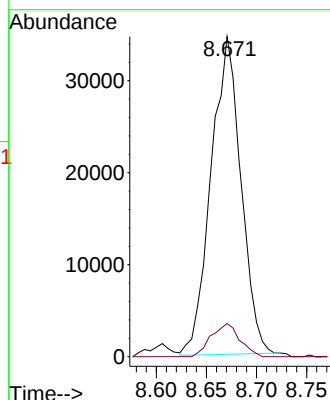
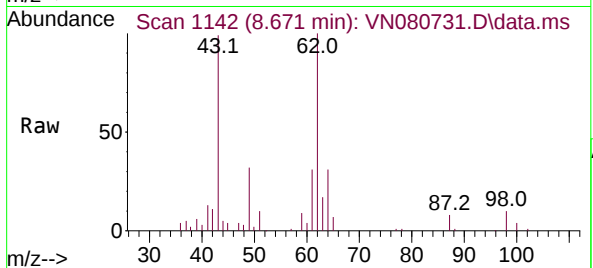
ClientSampleId :

Tgt Ion: 62 Resp: 71665

Ion Ratio Lower Upper

62 100

98 10.0 8.2 12.4



#37

Trichloroethene

Concen: 19.706 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN080731.D

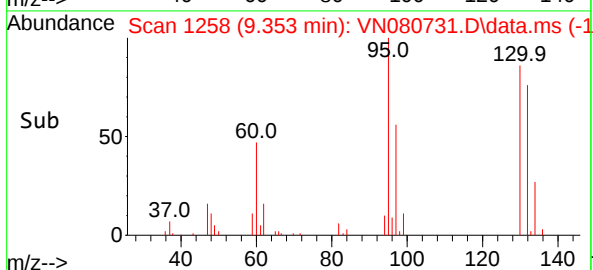
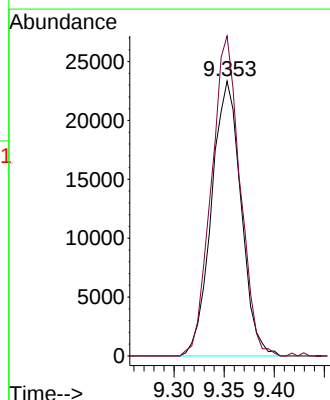
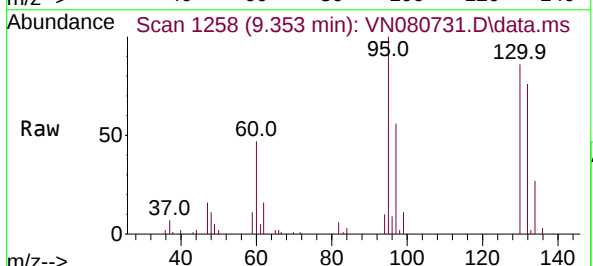
Acq: 22 Jan 2024 10:25

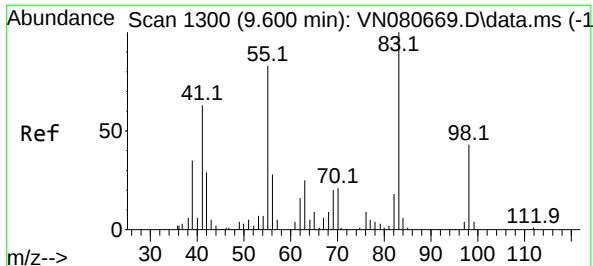
Tgt Ion:130 Resp: 47845

Ion Ratio Lower Upper

130 100

95 116.5 80.2 120.4





#38

Methylcyclohexane

Concen: 21.510 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

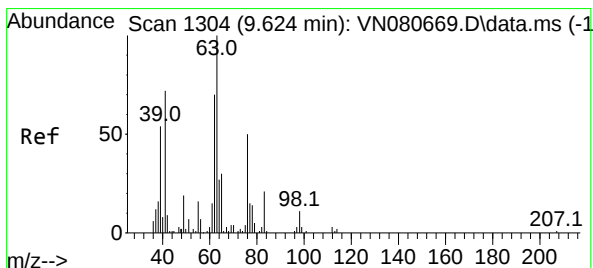
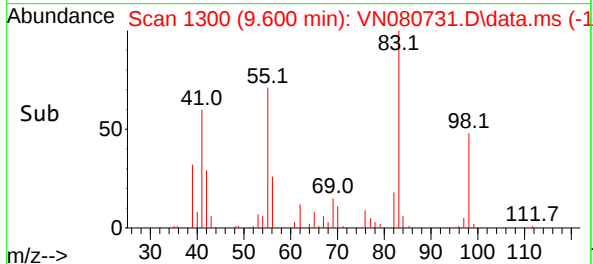
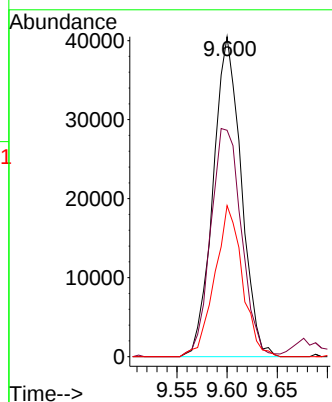
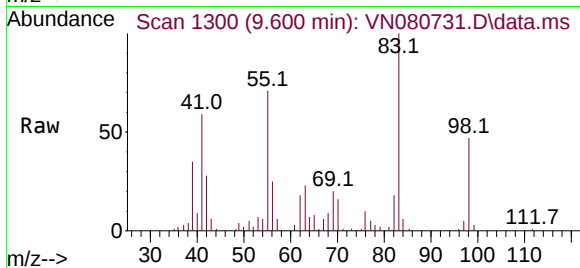
Tgt Ion: 83 Resp: 78650

Ion Ratio Lower Upper

83 100

55 78.1 36.6 109.9

98 46.6 23.8 71.5



#39

1,2-Dichloropropane

Concen: 20.960 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.001 min

Lab File: VN080731.D

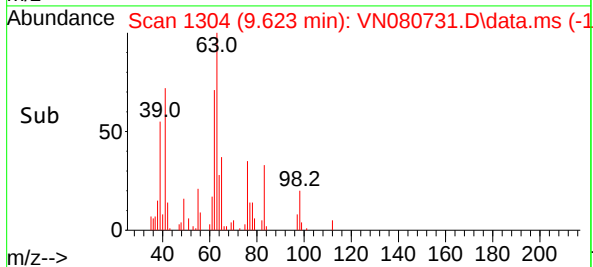
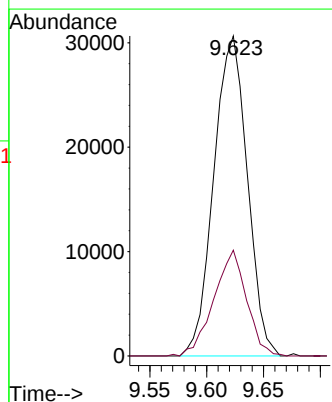
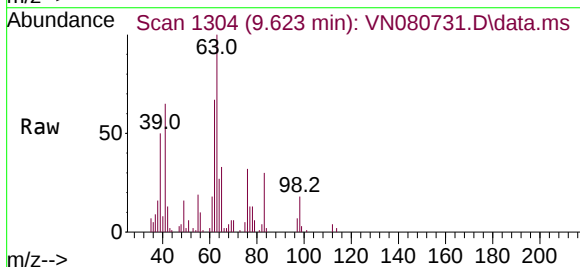
Acq: 22 Jan 2024 10:25

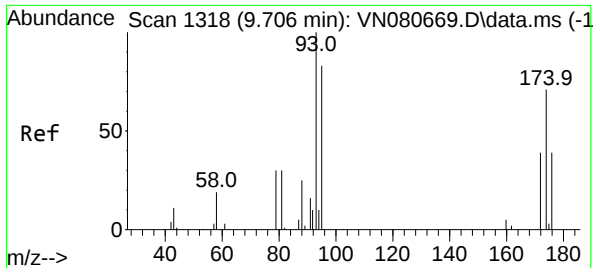
Tgt Ion: 63 Resp: 62893

Ion Ratio Lower Upper

63 100

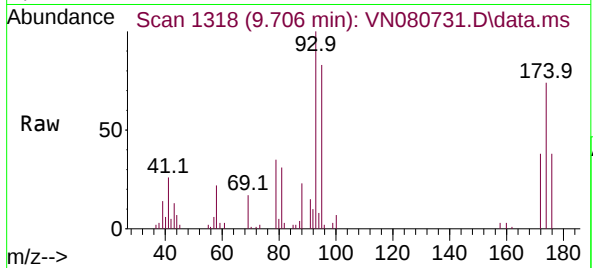
65 33.1 25.0 37.4



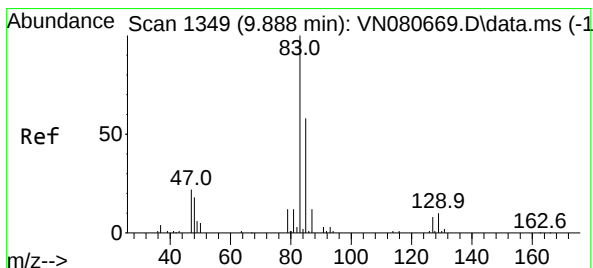
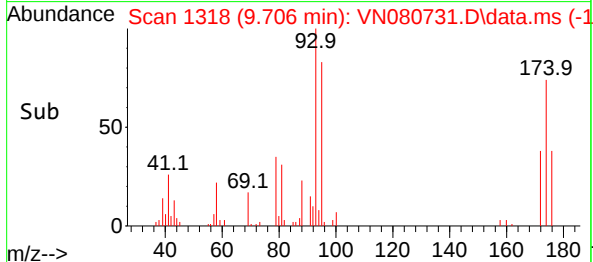
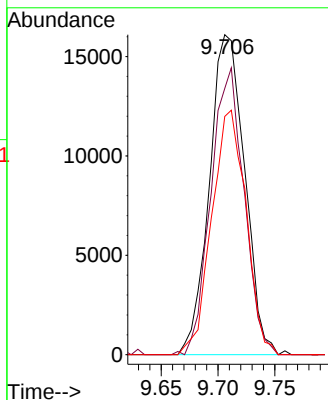


#40
Dibromomethane
Concen: 19.468 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

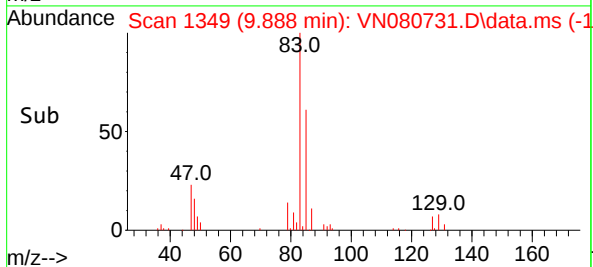
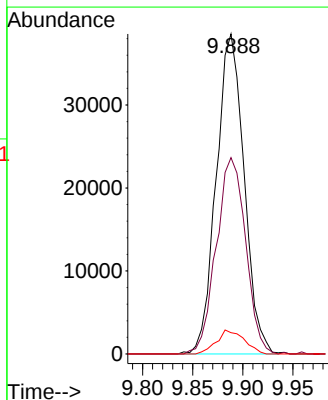
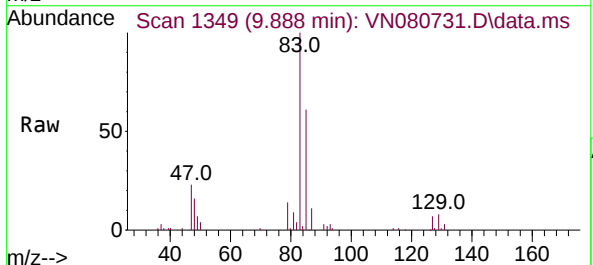


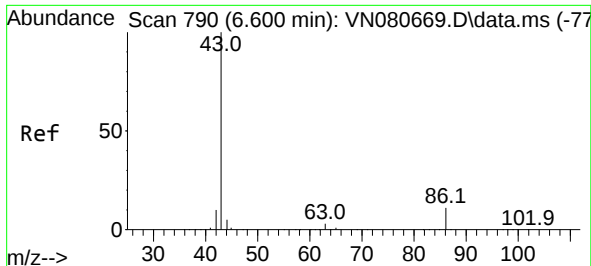
Tgt Ion: 93 Resp: 34758
Ion Ratio Lower Upper
93 100
95 84.0 0.0 164.6
174 74.3 0.0 193.2



#41
Bromodichloromethane
Concen: 19.032 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Tgt Ion: 83 Resp: 74357
Ion Ratio Lower Upper
83 100
85 61.3 49.4 74.2
127 7.2 7.3 10.9#

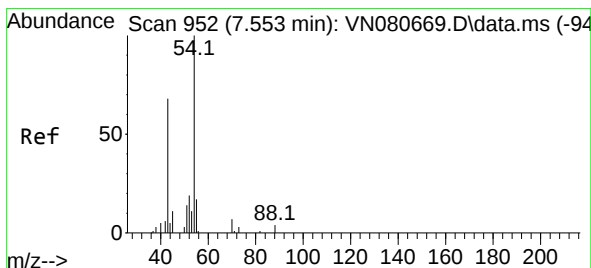
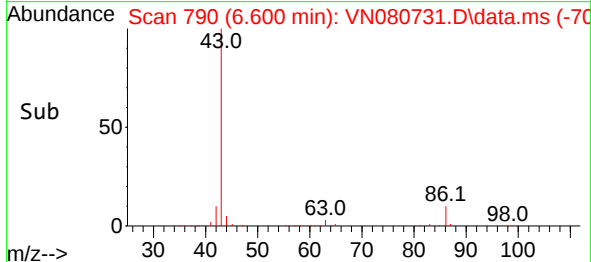
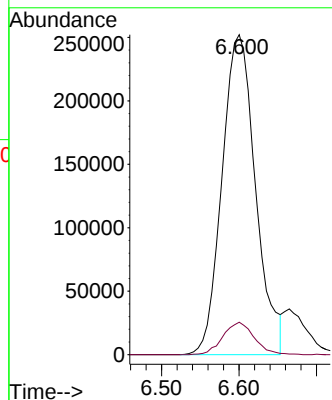
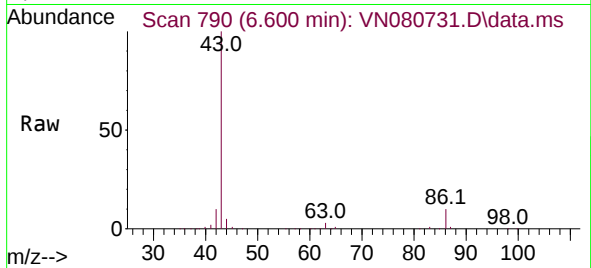




#42
 Vinyl Acetate
 Concen: 98.507 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080731.D
 Acq: 22 Jan 2024 10:25

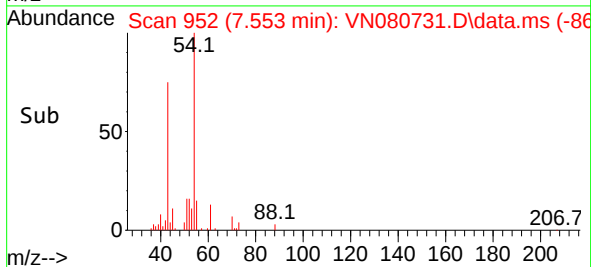
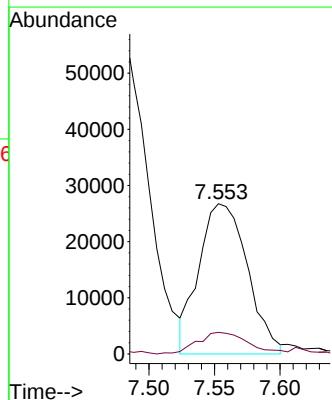
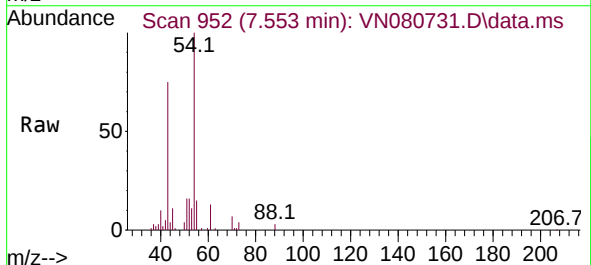
Instrument :
 MSVOA_N
 ClientSampleId :

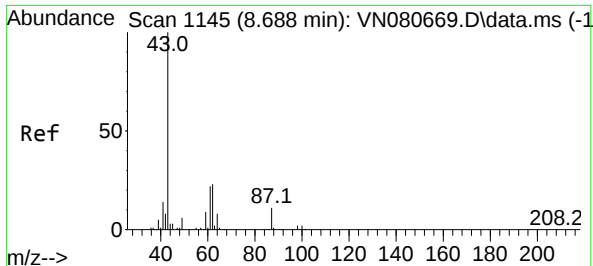
Tgt Ion: 43 Resp: 760407
 Ion Ratio Lower Upper
 43 100
 86 9.5 9.4 14.2



#43
 Ethyl Acetate
 Concen: 19.730 ug/l
 RT: 7.553 min Scan# 952
 Delta R.T. 0.000 min
 Lab File: VN080731.D
 Acq: 22 Jan 2024 10:25

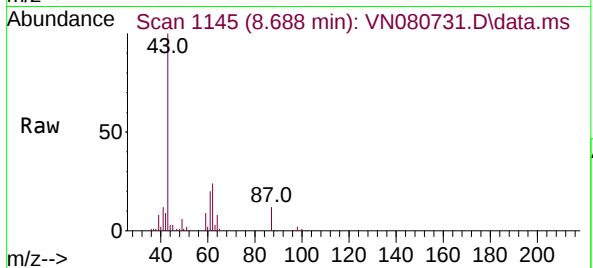
Tgt Ion: 43 Resp: 68808
 Ion Ratio Lower Upper
 43 100
 45 15.1 10.6 15.8



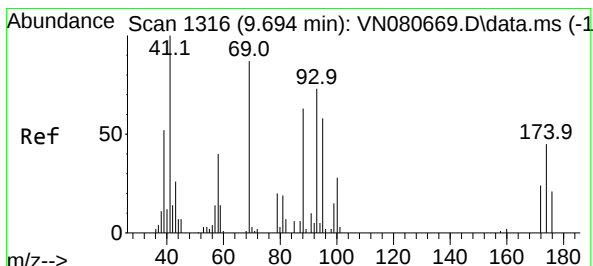
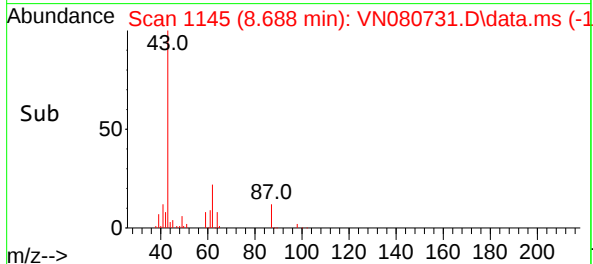
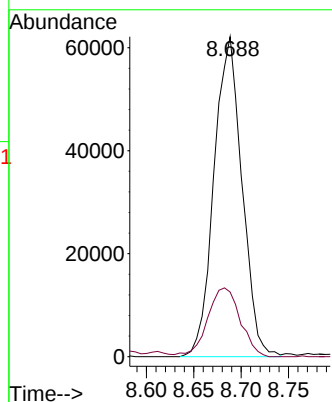


#44
Isopropyl Acetate
Concen: 19.179 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

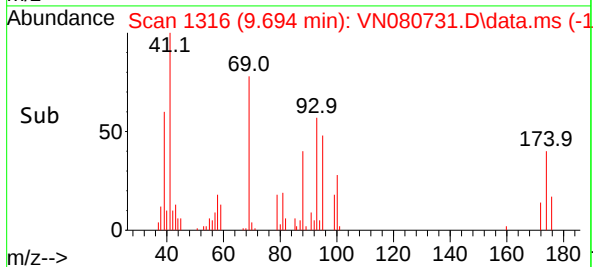
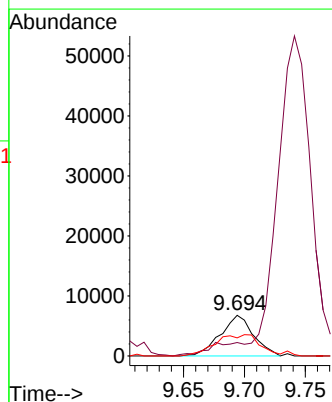
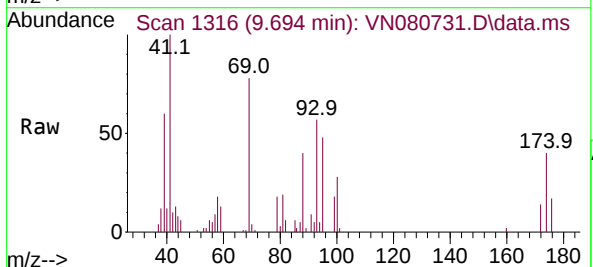


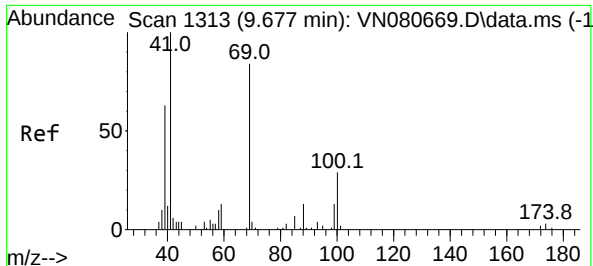
Tgt Ion: 43 Resp: 127680
Ion Ratio Lower Upper
43 100
61 25.1 25.0 37.4



#45
1,4-Dioxane
Concen: 338.114 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Tgt Ion: 88 Resp: 12802
Ion Ratio Lower Upper
88 100
43 17.1 19.8 29.6#
58 30.7 55.4 83.0#





#46

Methyl methacrylate

Concen: 18.739 ug/l

RT: 9.676 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

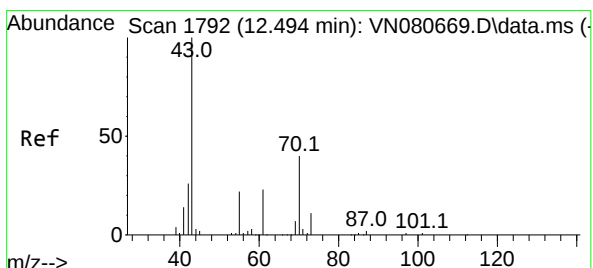
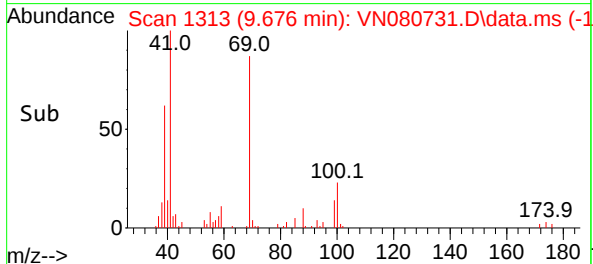
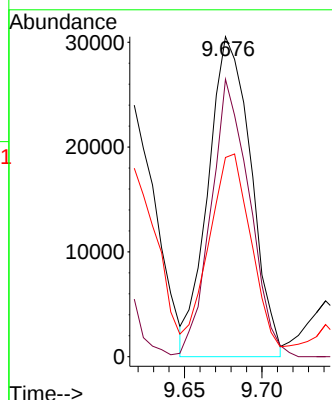
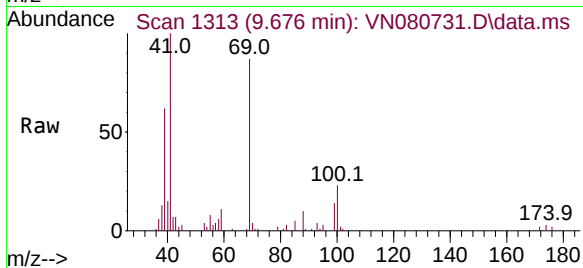
Tgt Ion: 41 Resp: 58745

Ion Ratio Lower Upper

41 100

69 88.5 51.1 153.3

39 61.1 25.8 77.3



#47

n-amy1 Acetate

Concen: 0.690 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.206 min

Lab File: VN080731.D

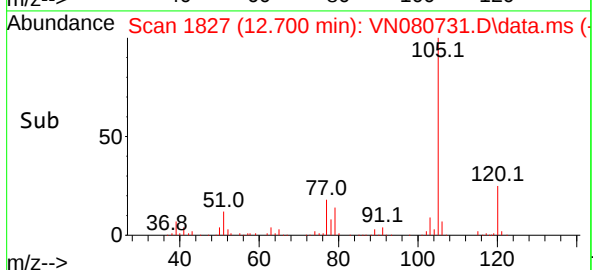
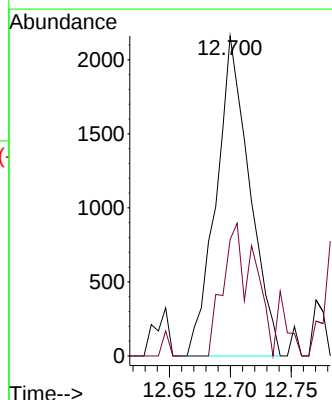
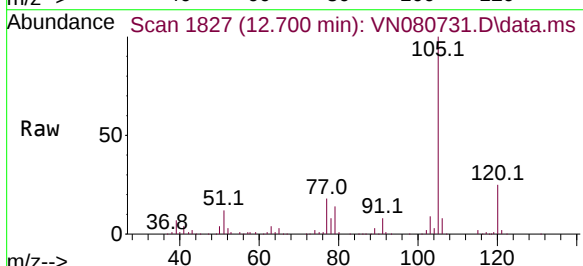
Acq: 22 Jan 2024 10:25

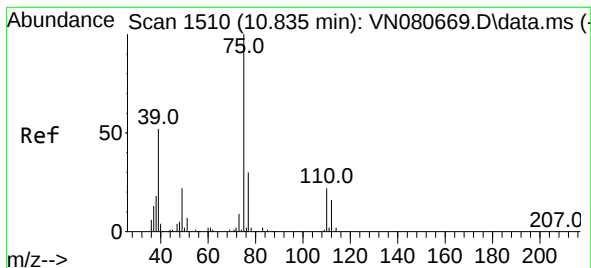
Tgt Ion: 43 Resp: 4124

Ion Ratio Lower Upper

43 100

55 24.7 23.4 35.2





#48

t-1,3-Dichloropropene

Concen: 19.211 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Instrument :

MSVOA_N

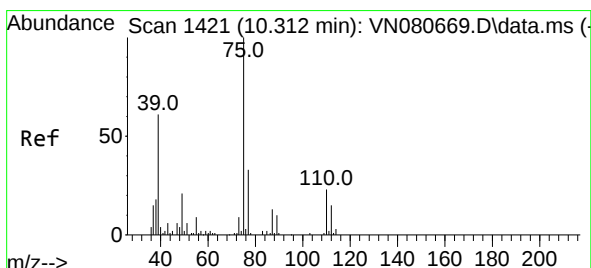
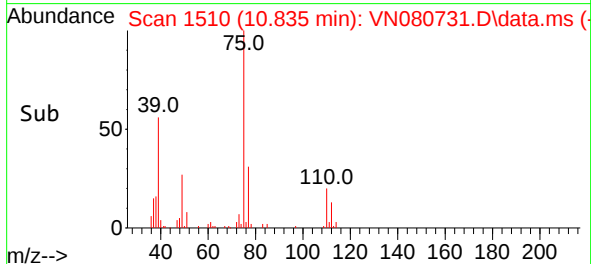
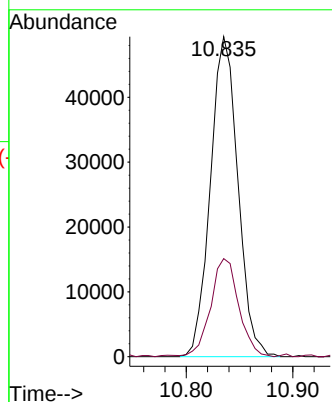
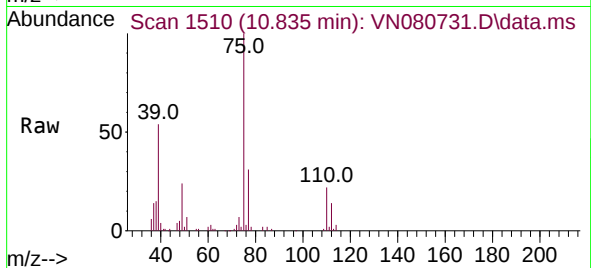
ClientSampleId :

Tgt Ion: 75 Resp: 88441

Ion Ratio Lower Upper

75 100

77 30.3 23.8 35.6



#49

cis-1,3-Dichloropropene

Concen: 20.198 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

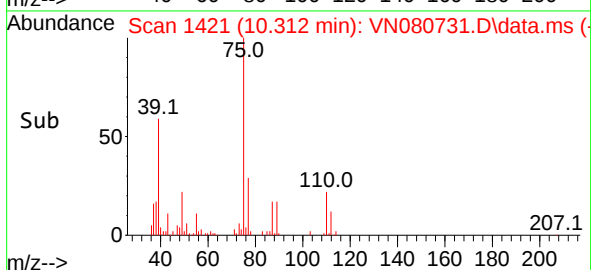
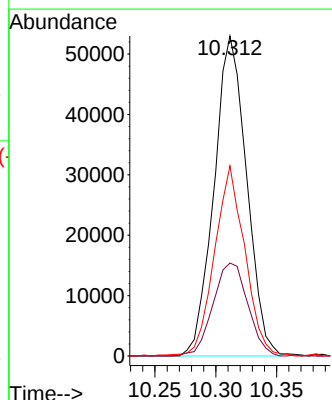
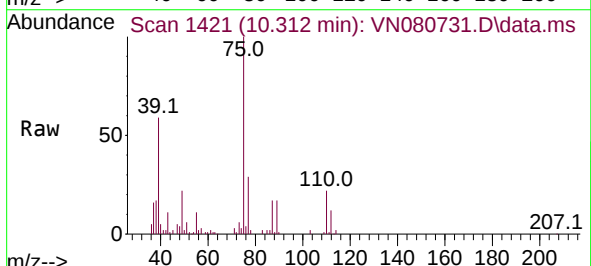
Tgt Ion: 75 Resp: 98692

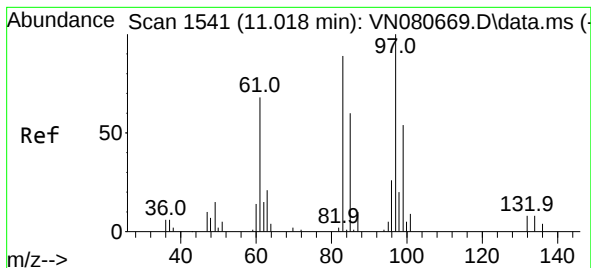
Ion Ratio Lower Upper

75 100

77 29.1 24.9 37.3

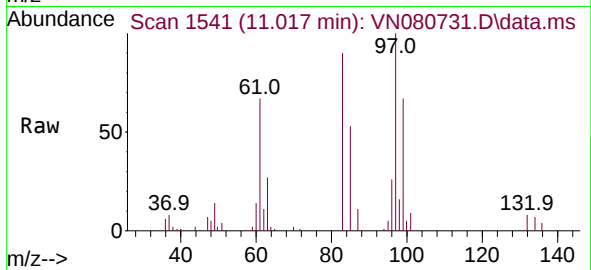
39 58.8 31.0 46.6#





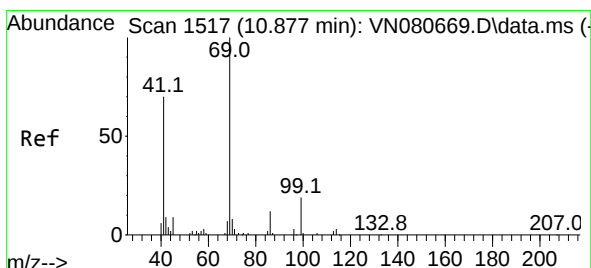
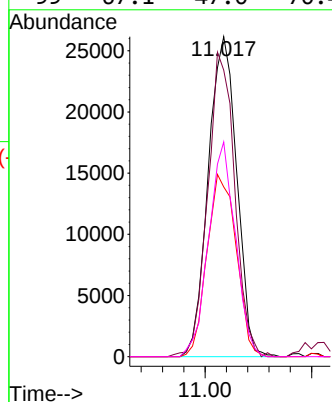
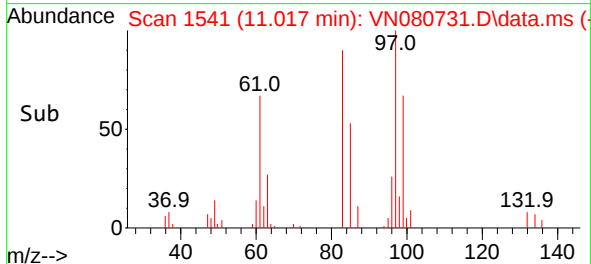
#50
1,1,2-Trichloroethane
Concen: 19.813 ug/l
RT: 11.017 min Scan# 1541
Delta R.T. -0.001 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

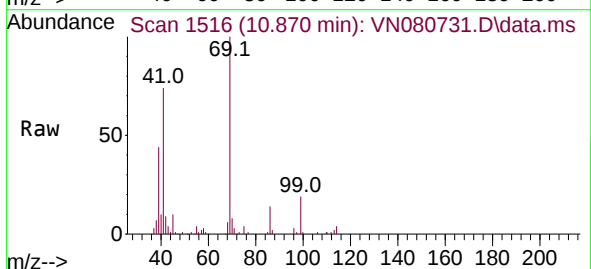


Tgt Ion: 97 Resp: 48580

Ion	Ratio	Lower	Upper
97	100		
83	89.5	68.1	102.1
85	53.1	41.8	62.6
99	67.1	47.0	70.4

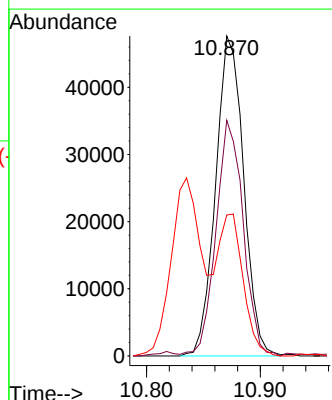
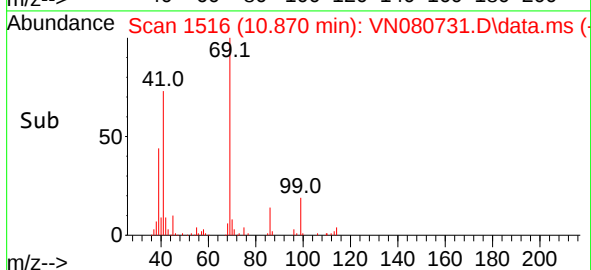


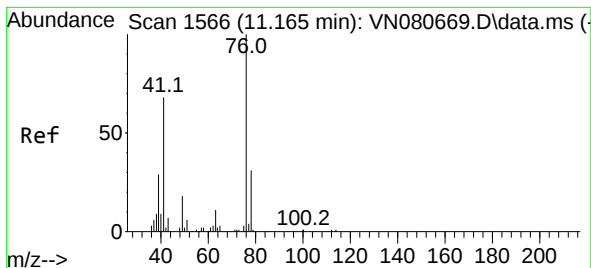
#51
Ethyl methacrylate
Concen: 19.276 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.007 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25



Tgt Ion: 69 Resp: 81704

Ion	Ratio	Lower	Upper
69	100		
41	73.7	25.5	76.5
39	44.1	16.0	47.9





#52

1,3-Dichloropropane

Concen: 19.940 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Instrument :

MSVOA_N

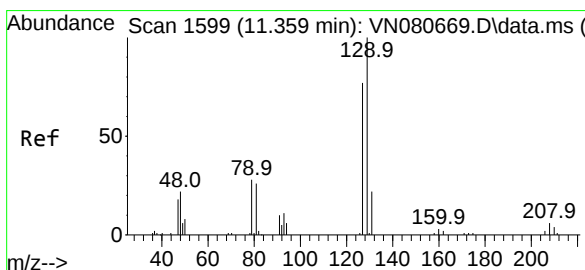
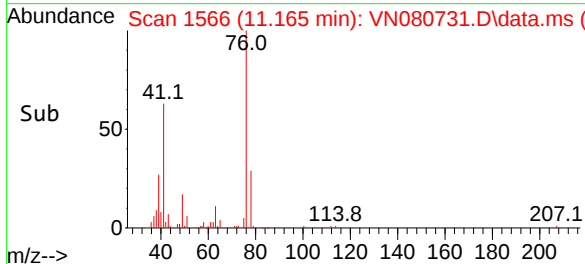
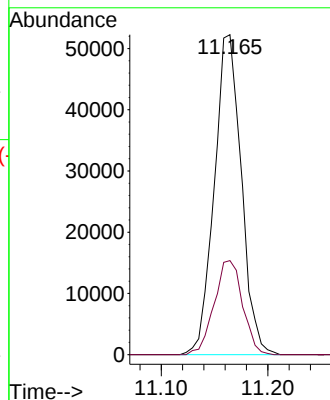
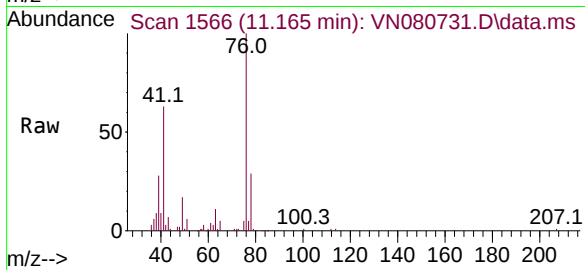
ClientSampleId :

Tgt Ion: 76 Resp: 92039

Ion Ratio Lower Upper

76 100

78 30.9 0.0 65.8



#53

Dibromochloromethane

Concen: 19.629 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN080731.D

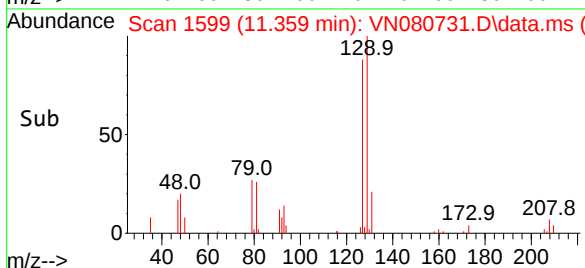
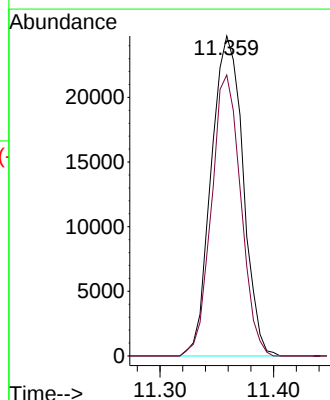
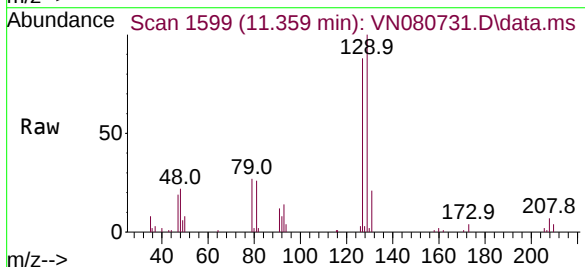
Acq: 22 Jan 2024 10:25

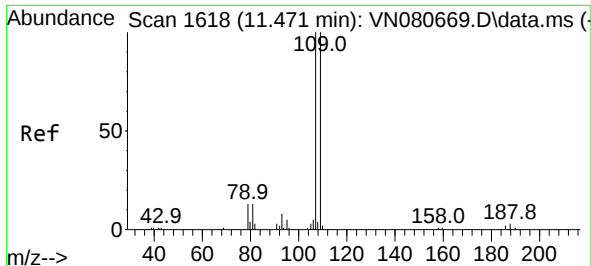
Tgt Ion: 129 Resp: 48162

Ion Ratio Lower Upper

129 100

127 80.8 39.4 118.1

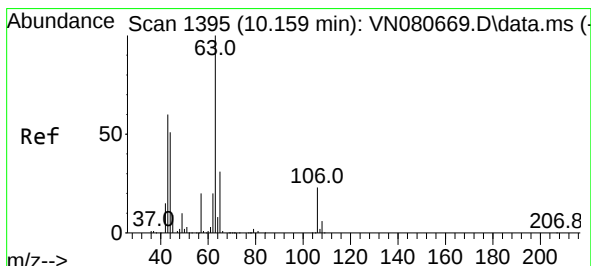
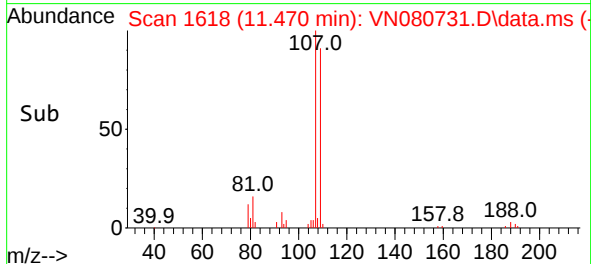
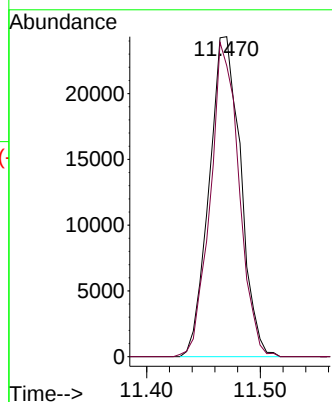
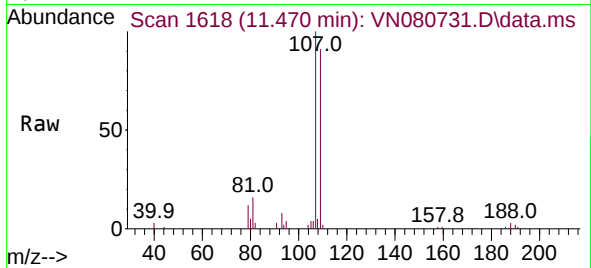




#54
1,2-Dibromoethane
Concen: 19.428 ug/l
RT: 11.470 min Scan# 1107
Delta R.T. -0.001 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

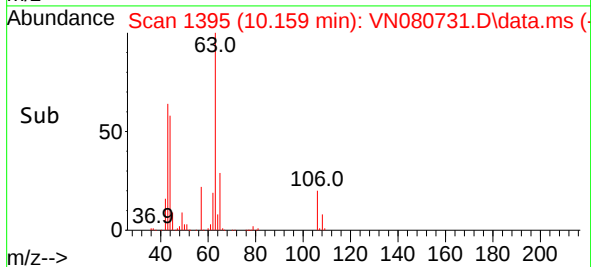
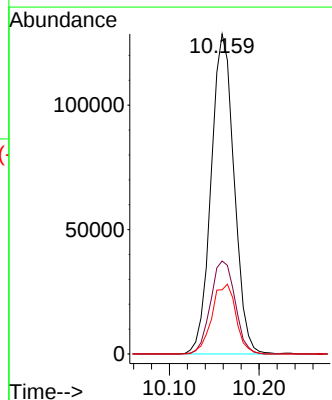
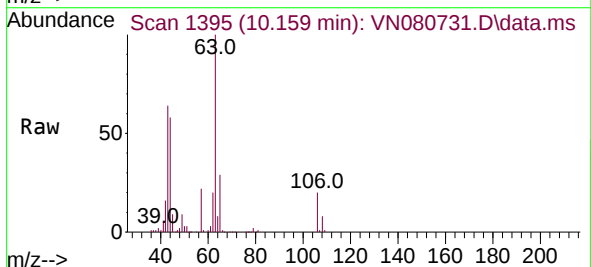
Instrument :
MSVOA_N
ClientSampleId :

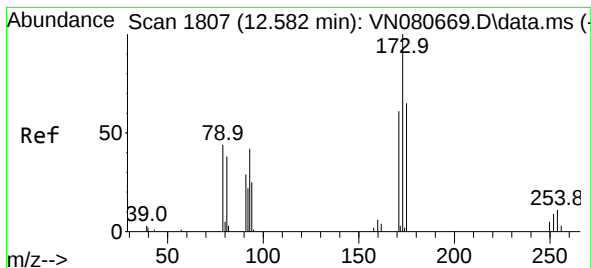
Tgt Ion:107 Resp: 46826
Ion Ratio Lower Upper
107 100
109 89.5 74.7 112.1



#55
2-Chloroethyl vinyl ether
Concen: 105.009 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Tgt Ion: 63 Resp: 228770
Ion Ratio Lower Upper
63 100
65 30.9 26.2 39.2
106 22.9 23.8 35.8#





#56

Bromoform

Concen: 19.465 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

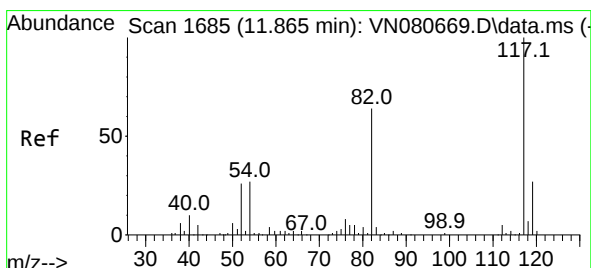
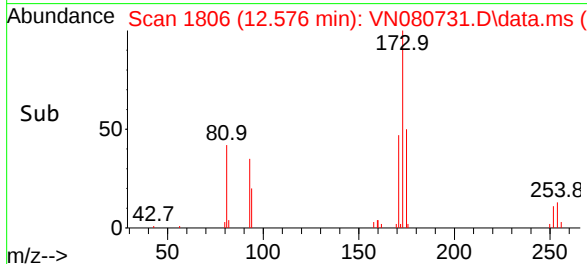
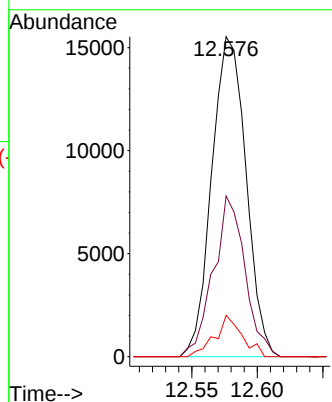
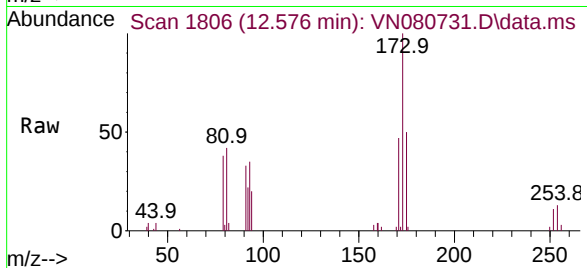
Tgt Ion:173 Resp: 28213

Ion Ratio Lower Upper

173 100

175 46.4 40.0 60.0

254 10.2 8.3 12.5



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.001 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

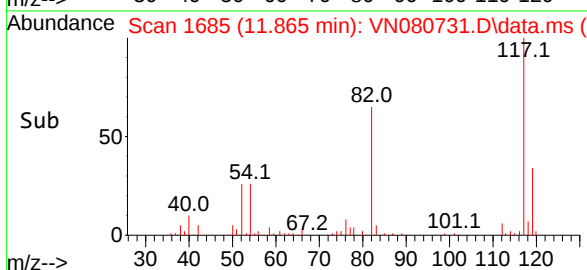
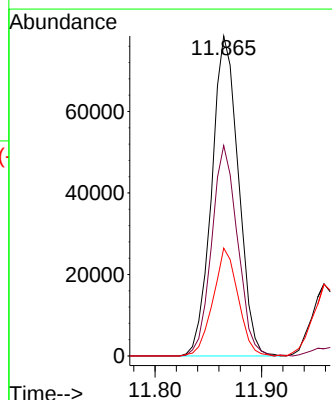
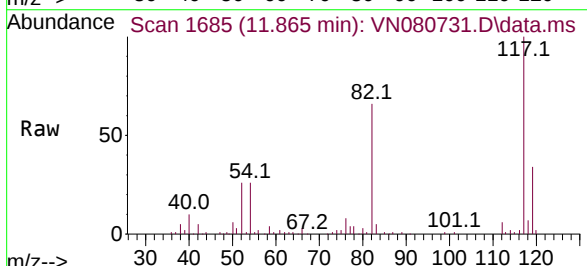
Tgt Ion:117 Resp: 136826

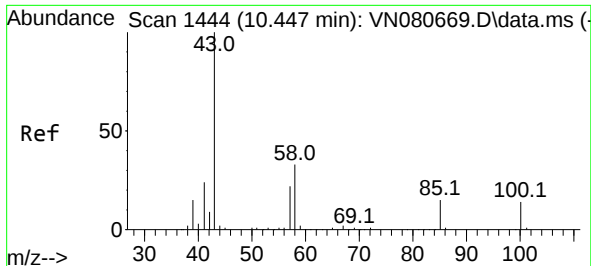
Ion Ratio Lower Upper

117 100

82 63.6 46.6 69.8

119 31.8 25.4 38.2

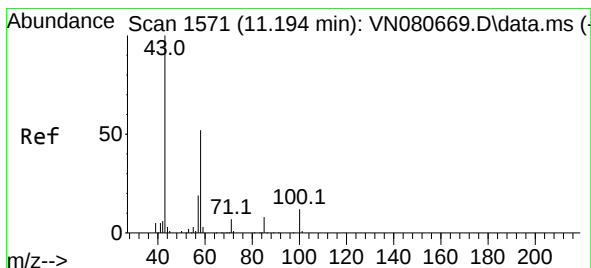
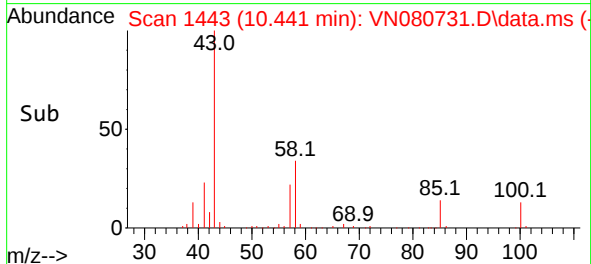
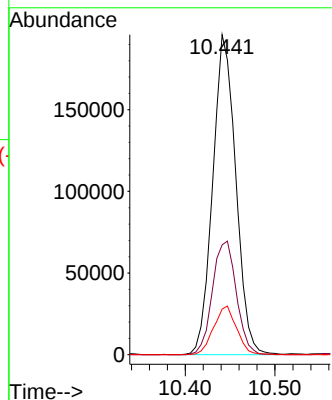
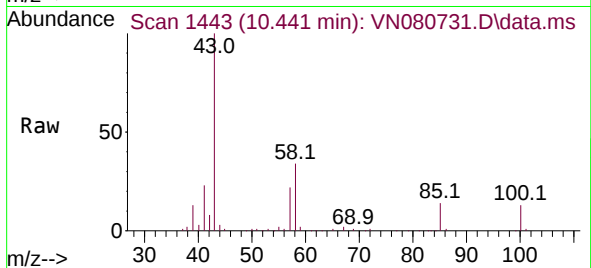




#58
4-Methyl-2-Pentanone
Concen: 97.293 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

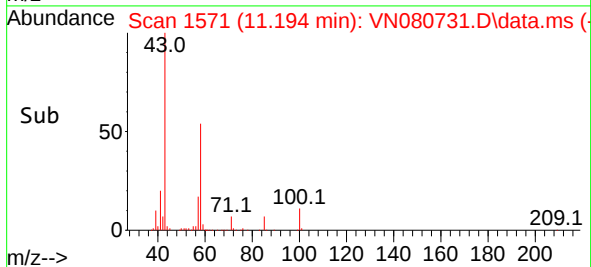
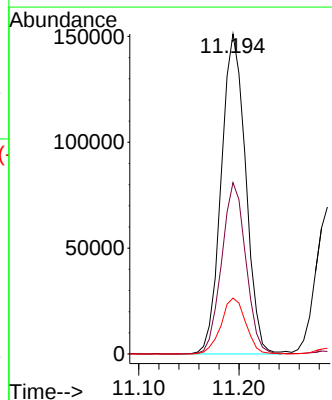
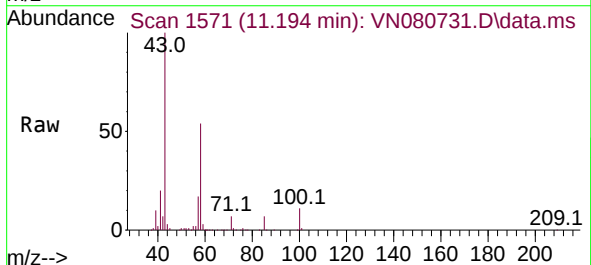
Instrument :
MSVOA_N
ClientSampleId :

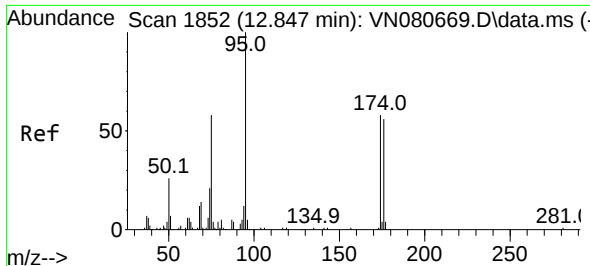
Tgt Ion: 43 Resp: 350192
Ion Ratio Lower Upper
43 100
58 36.7 36.5 54.7
85 15.1 19.5 29.3#



#59
2-Hexanone
Concen: 94.728 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

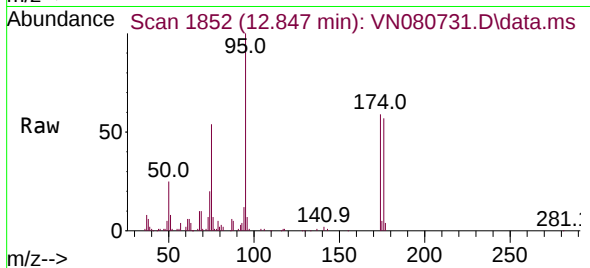
Tgt Ion: 43 Resp: 254569
Ion Ratio Lower Upper
43 100
58 53.0 50.4 75.6
57 17.7 18.6 27.8#



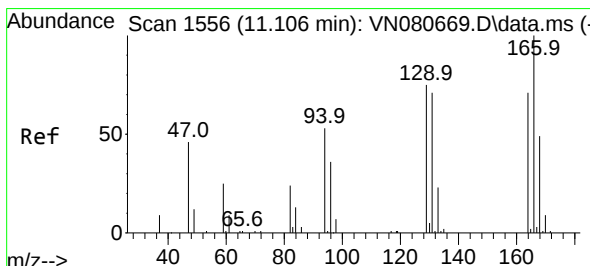
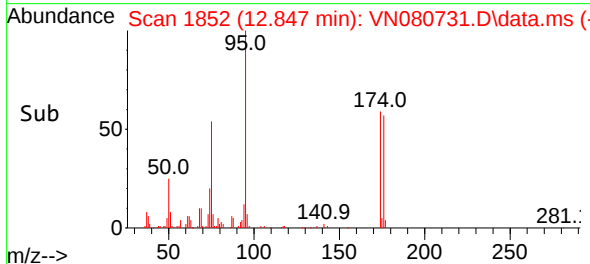
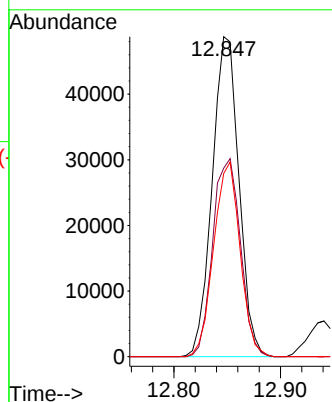


#60
4-Bromofluorobenzene
Concen: 28.067 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

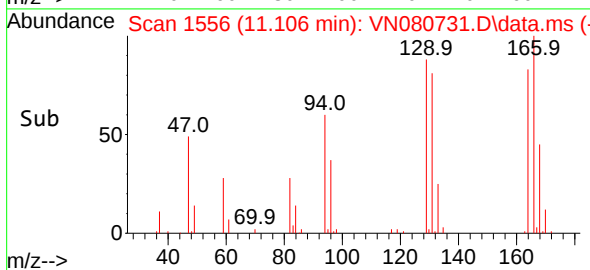
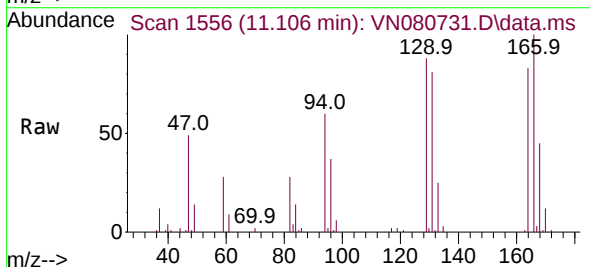
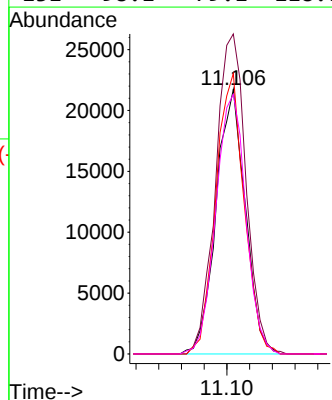


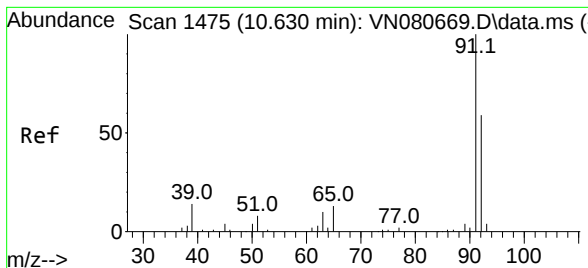
Tgt Ion: 95 Resp: 84953
Ion Ratio Lower Upper
95 100
174 64.1 60.5 90.7
176 60.0 57.8 86.6



#61
Tetrachloroethene
Concen: 21.285 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Tgt Ion: 164 Resp: 38768
Ion Ratio Lower Upper
164 100
166 120.9 106.7 160.1
129 106.0 85.8 128.6
131 98.1 79.1 118.7





#62

Toluene

Concen: 20.373 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.001 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Instrument :

MSVOA_N

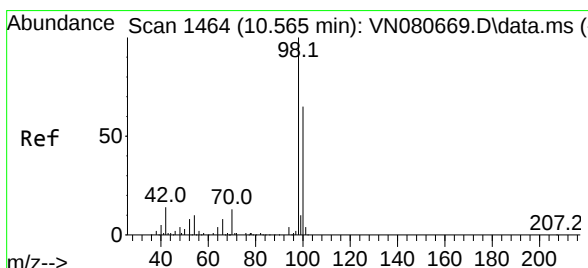
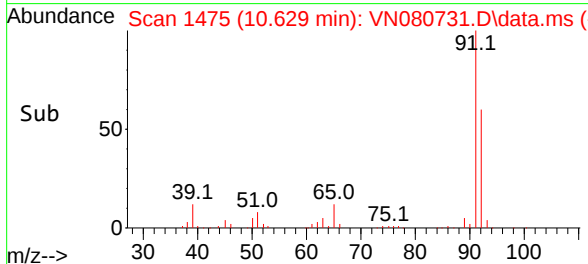
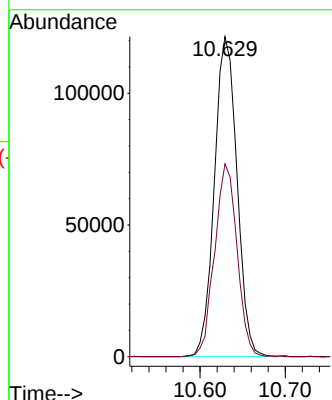
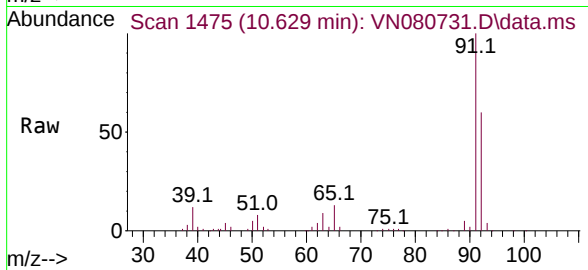
ClientSampleId :

Tgt Ion: 91 Resp: 224203

Ion Ratio Lower Upper

91 100

92 59.7 46.5 69.7



#63

Toluene-d8

Concen: 29.709 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN080731.D

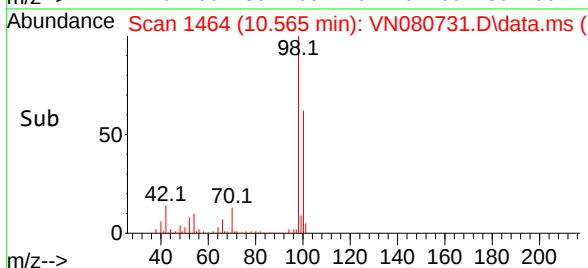
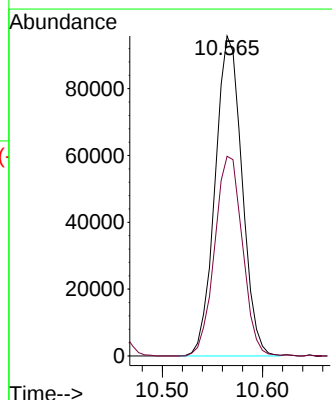
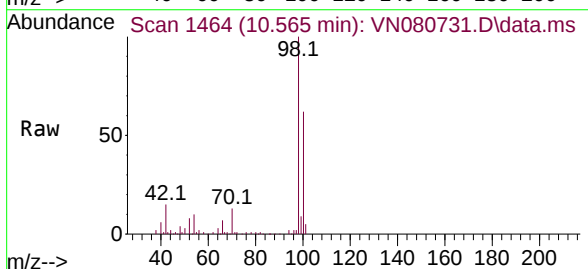
Acq: 22 Jan 2024 10:25

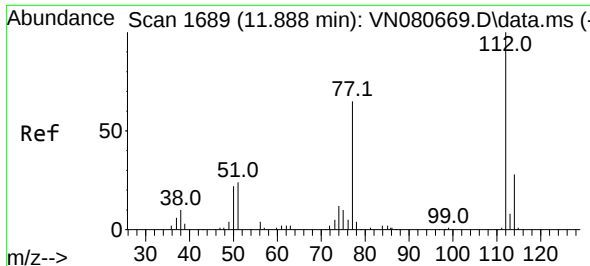
Tgt Ion: 98 Resp: 178398

Ion Ratio Lower Upper

98 100

100 64.5 52.7 79.1

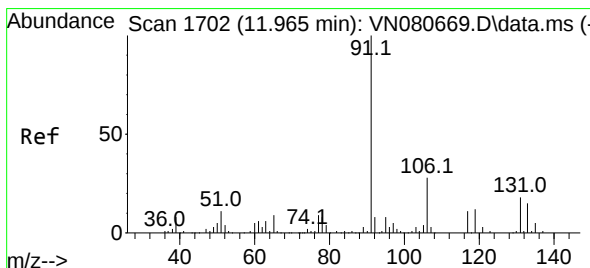
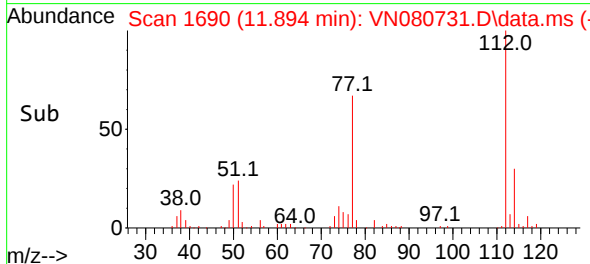
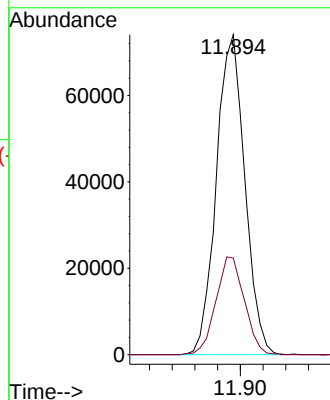
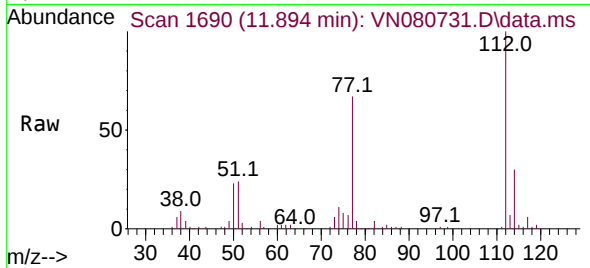




#64
Chlorobenzene
Concen: 21.038 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

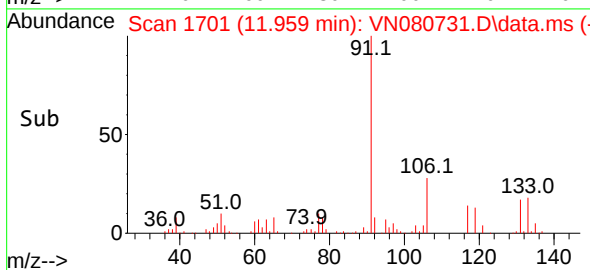
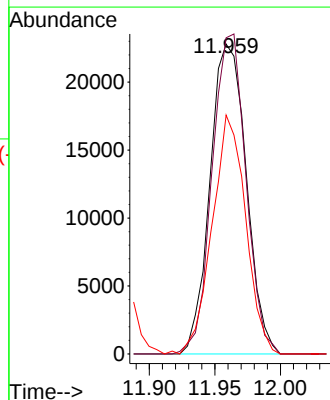
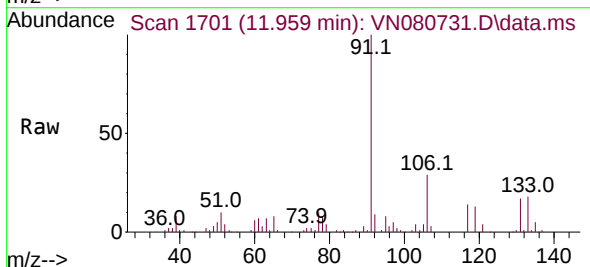
Instrument :
MSVOA_N
ClientSampleId :

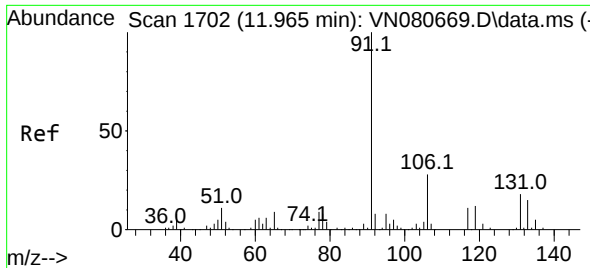
Tgt Ion:112 Resp: 128952
Ion Ratio Lower Upper
112 100
114 30.2 26.6 39.8



#65
1,1,1,2-Tetrachloroethane
Concen: 19.917 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Tgt Ion:131 Resp: 43865
Ion Ratio Lower Upper
131 100
133 96.1 0.0 188.0
119 71.0 0.0 122.8

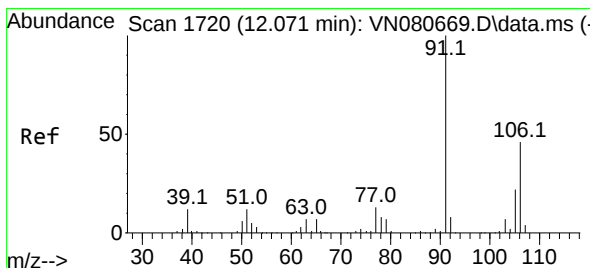
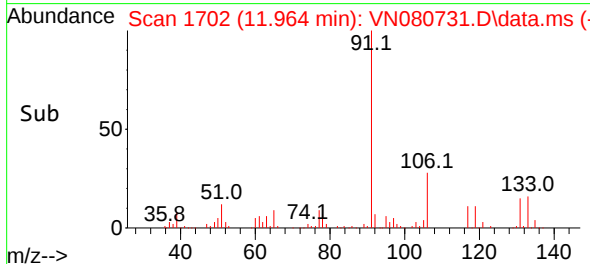
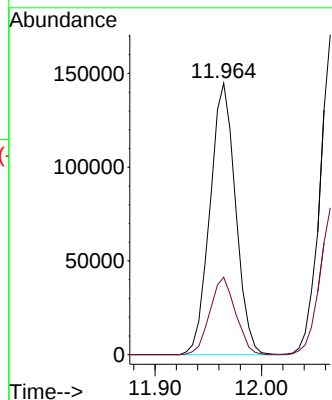
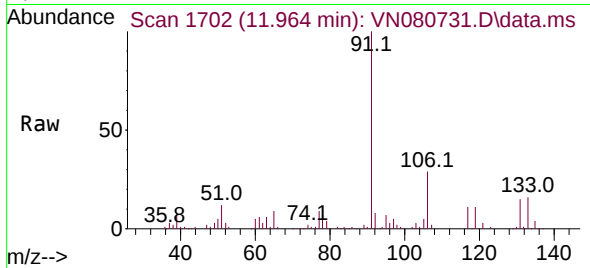




#66
Ethyl Benzene
Concen: 20.895 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

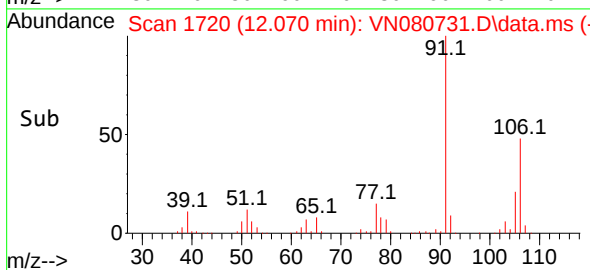
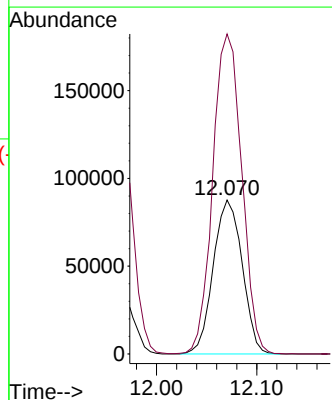
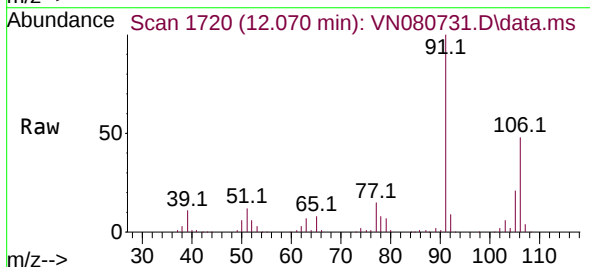
Instrument :
MSVOA_N
ClientSampleId :

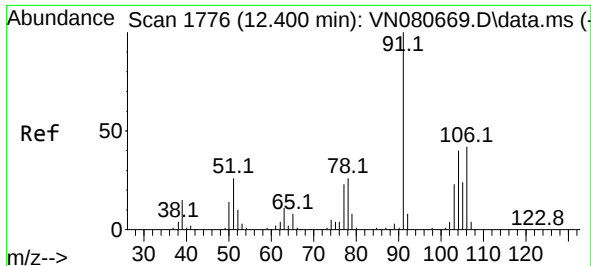
Tgt Ion: 91 Resp: 241857
Ion Ratio Lower Upper
91 100
106 28.5 24.4 36.6



#67
m/p-Xylenes
Concen: 42.316 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.001 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Tgt Ion:106 Resp: 176042
Ion Ratio Lower Upper
106 100
91 208.1 166.6 249.8

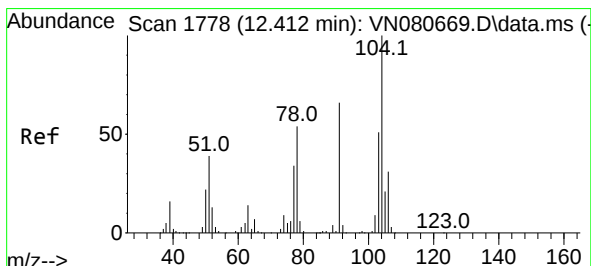
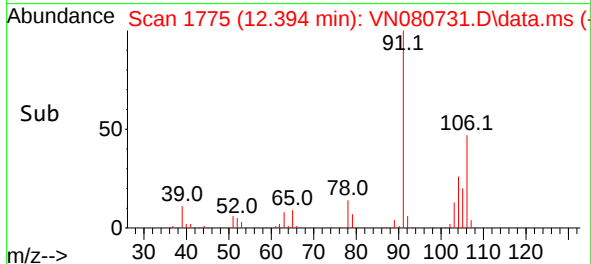
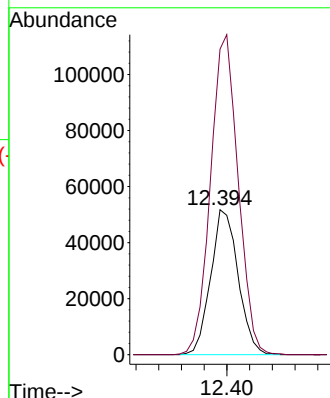
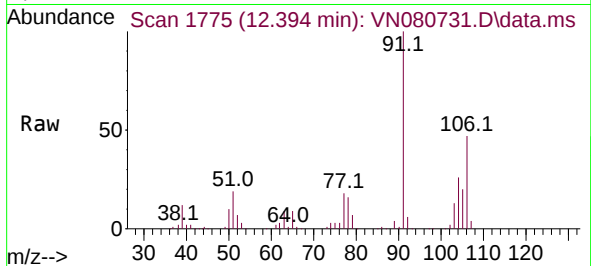




#68
o-Xylene
Concen: 20.938 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

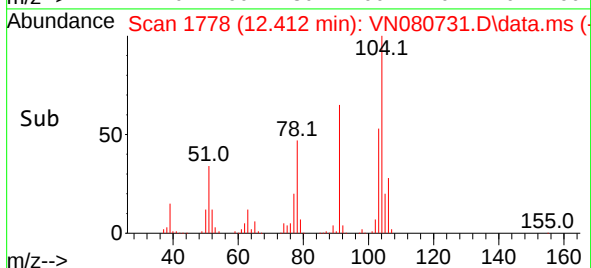
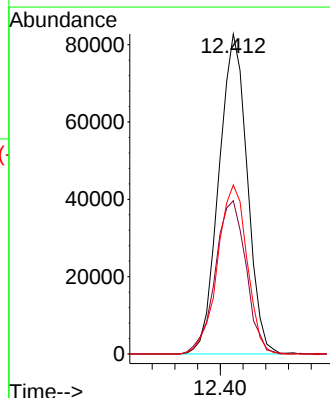
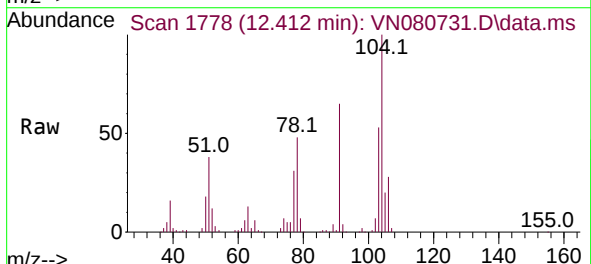
Instrument :
MSVOA_N
ClientSampleId :

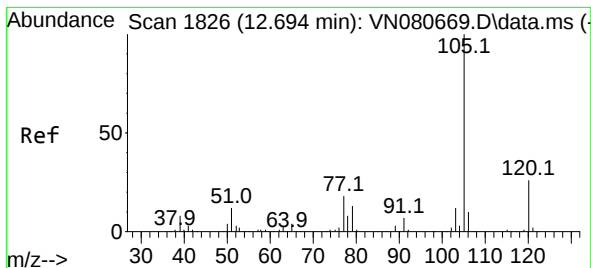
Tgt Ion:106 Resp: 86871
Ion Ratio Lower Upper
106 100
91 222.1 110.0 330.0



#69
Styrene
Concen: 20.567 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Tgt Ion:104 Resp: 143359
Ion Ratio Lower Upper
104 100
78 51.8 42.6 64.0
103 55.1 43.7 65.5





#70

Isopropylbenzene

Concen: 20.444 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Instrument :

MSVOA_N

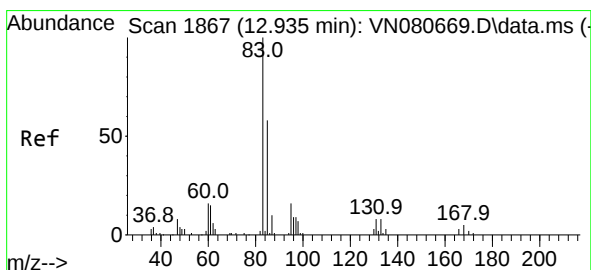
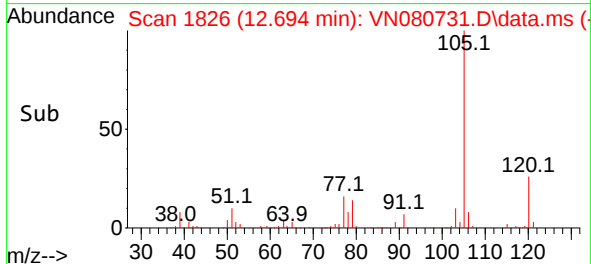
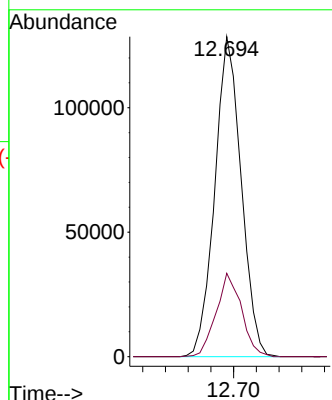
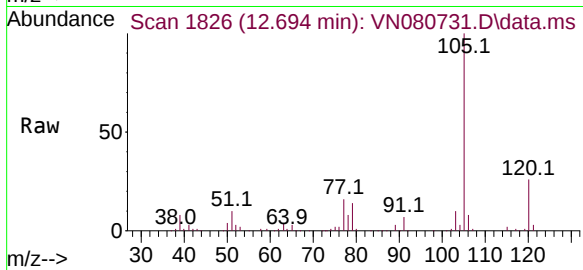
ClientSampleId :

Tgt Ion:105 Resp: 207307

Ion Ratio Lower Upper

105 100

120 25.1 17.8 33.1



#71

1,1,2,2-Tetrachloroethane

Concen: 18.832 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

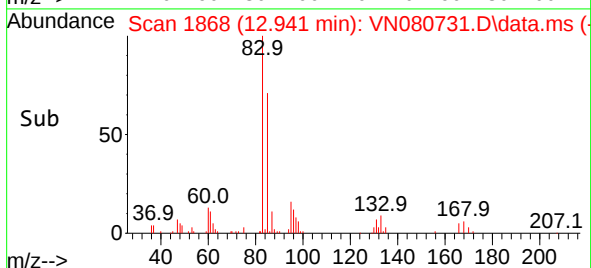
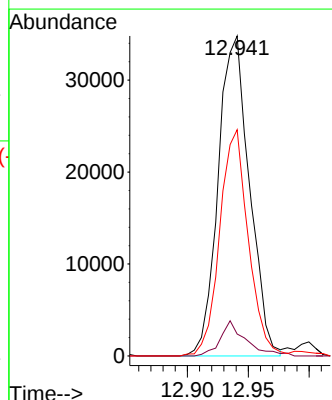
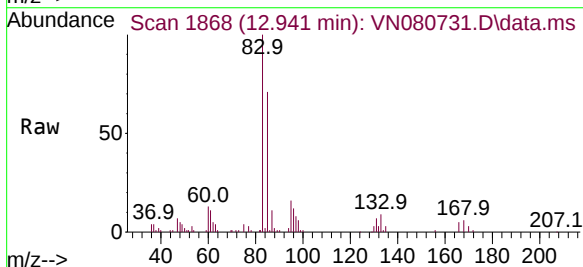
Tgt Ion: 83 Resp: 62330

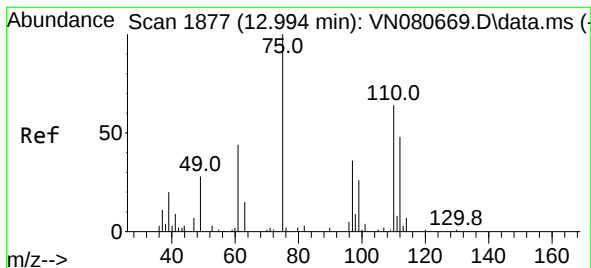
Ion Ratio Lower Upper

83 100

131 8.9 5.2 15.6

85 64.5 32.3 96.8





#72

1,2,3-Trichloropropane

Concen: 27.176 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Instrument :

MSVOA_N

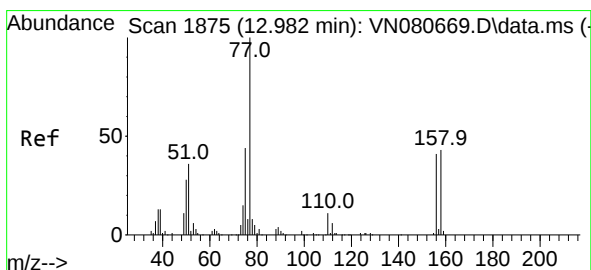
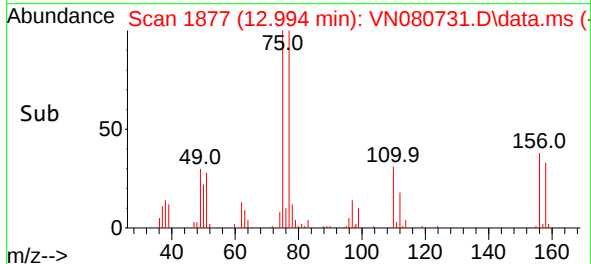
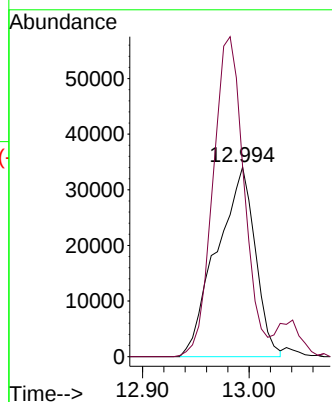
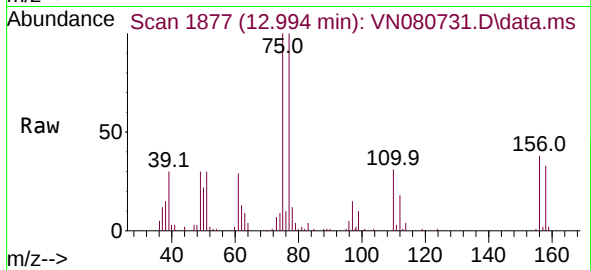
ClientSampleId :

Tgt Ion: 75 Resp: 85250

Ion Ratio Lower Upper

75 100

77 136.5 0.0 367.6



#73

Bromobenzene

Concen: 19.852 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

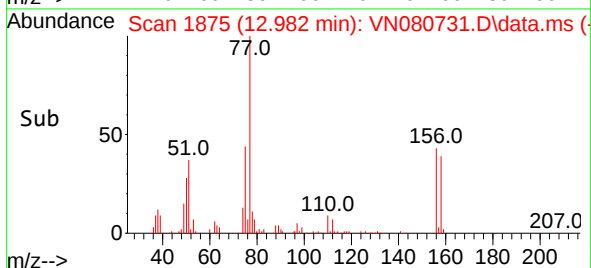
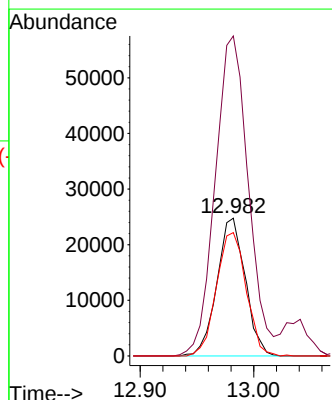
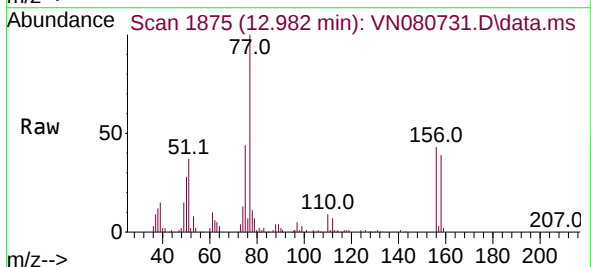
Tgt Ion:156 Resp: 42908

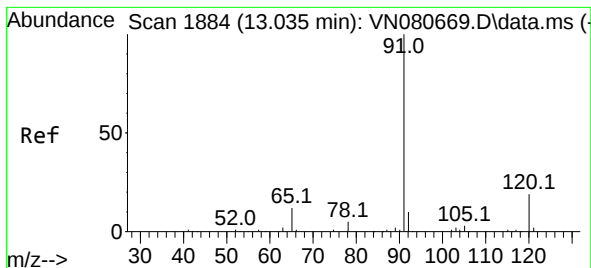
Ion Ratio Lower Upper

156 100

77 271.1 0.0 437.6

158 93.8 0.0 203.8





#74

n-propylbenzene

Concen: 21.031 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Instrument :

MSVOA_N

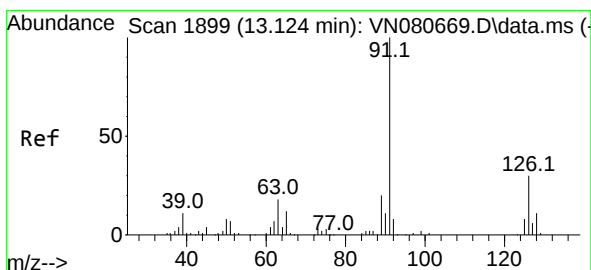
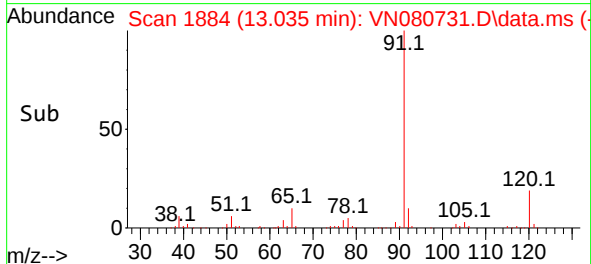
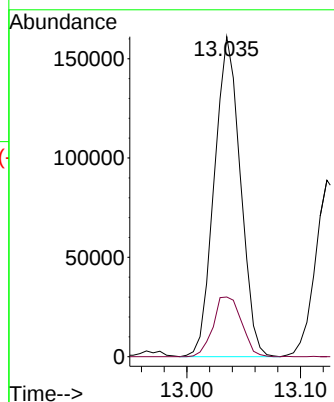
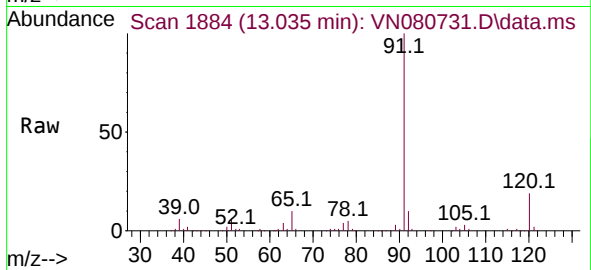
ClientSampleId :

Tgt Ion: 91 Resp: 257192

Ion Ratio Lower Upper

91 100

120 20.3 0.0 43.8



#75

2-Chlorotoluene

Concen: 19.843 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.001 min

Lab File: VN080731.D

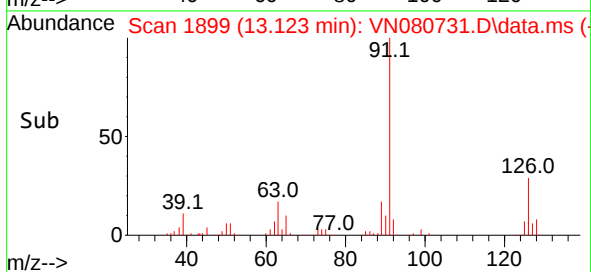
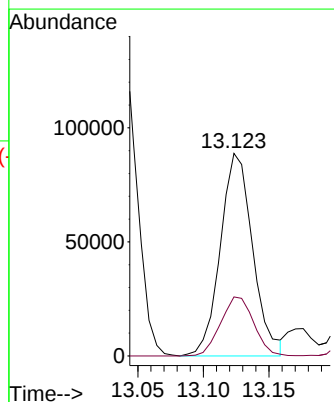
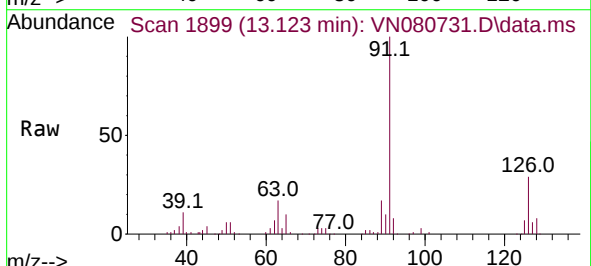
Acq: 22 Jan 2024 10:25

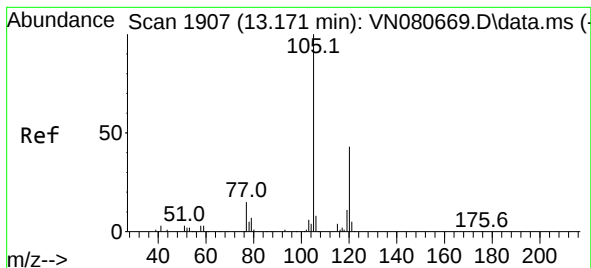
Tgt Ion: 91 Resp: 152610

Ion Ratio Lower Upper

91 100

126 29.8 0.0 61.2





#76

1,3,5-Trimethylbenzene

Concen: 20.480 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Instrument :

MSVOA_N

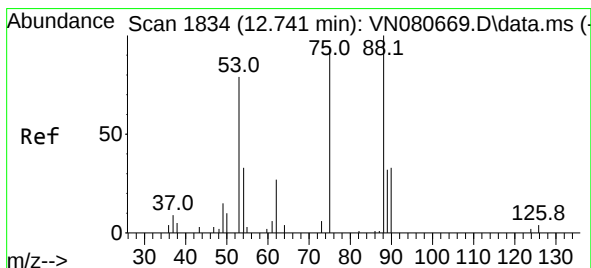
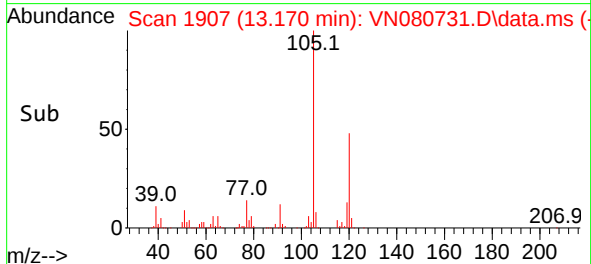
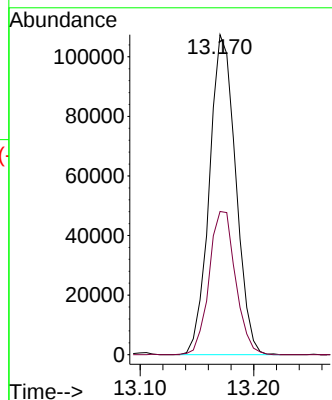
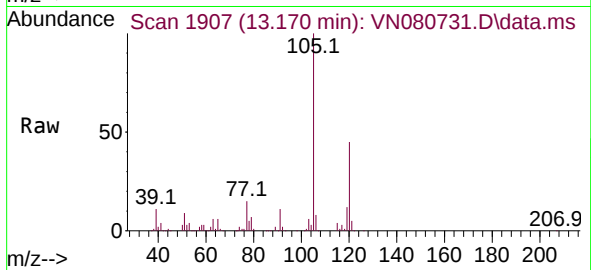
ClientSampleId :

Tgt Ion:105 Resp: 172847

Ion Ratio Lower Upper

105 100

120 45.0 0.0 95.8



#77

t-1,4-Dichloro-2-butene

Concen: 19.751 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. -0.006 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

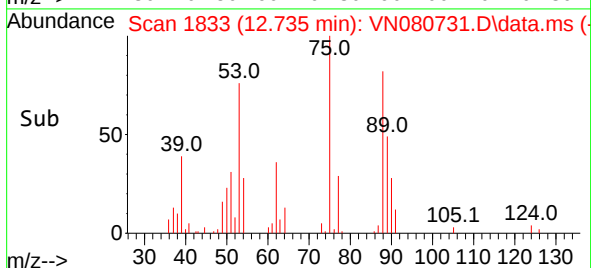
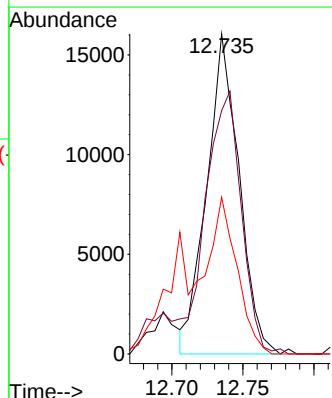
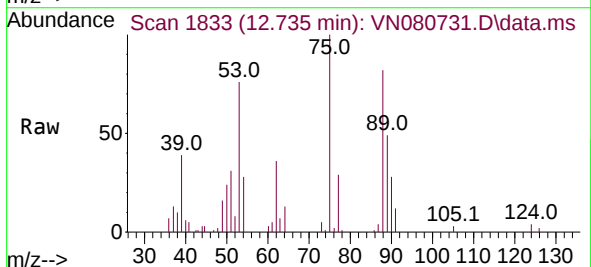
Tgt Ion: 75 Resp: 25400

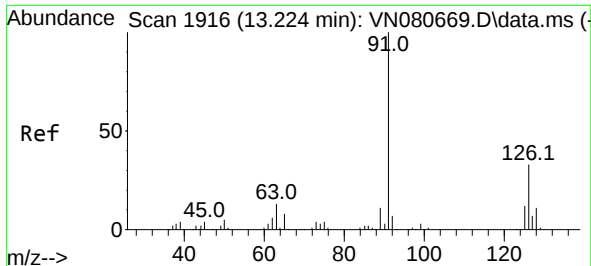
Ion Ratio Lower Upper

75 100

53 74.4 45.9 137.7

89 48.9 25.9 77.7

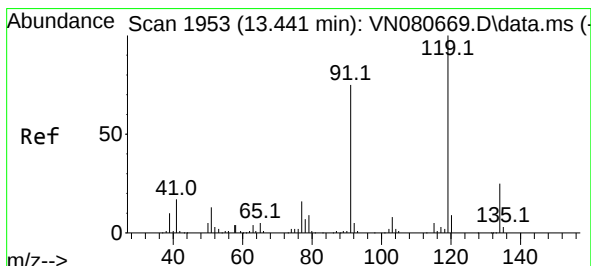
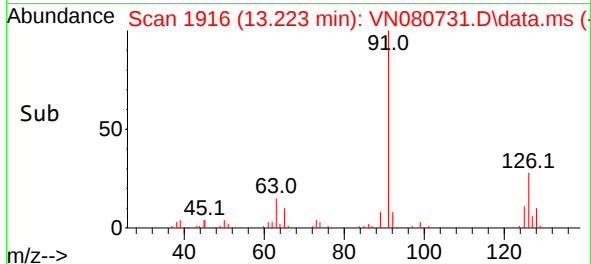
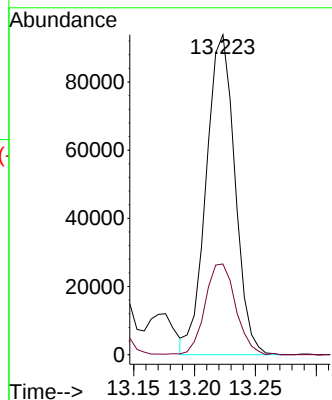
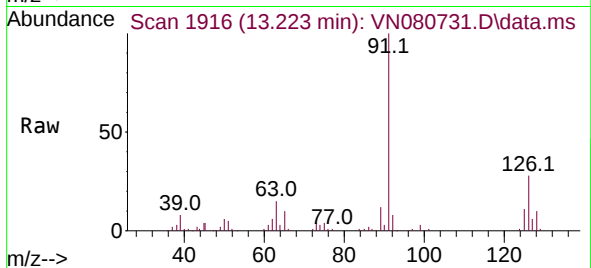




#78
4-Chlorotoluene
Concen: 20.045 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.001 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

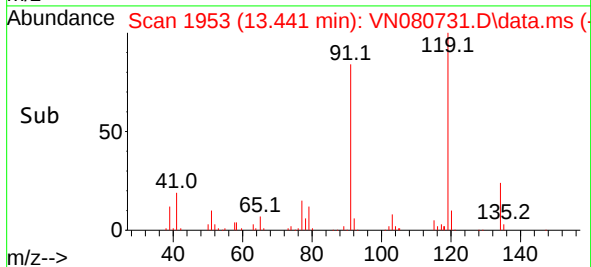
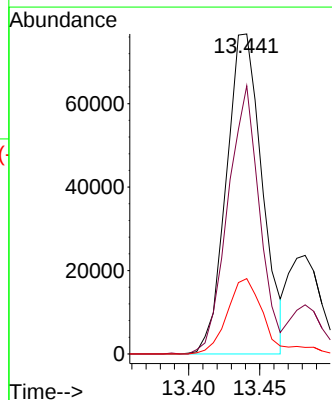
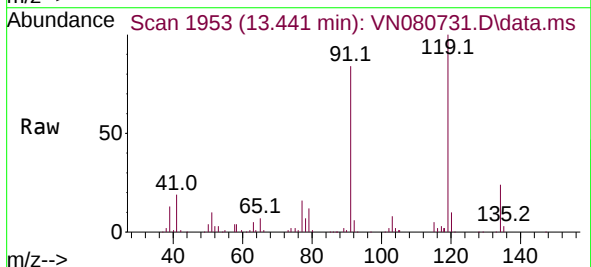
Instrument :
MSVOA_N
ClientSampleId :

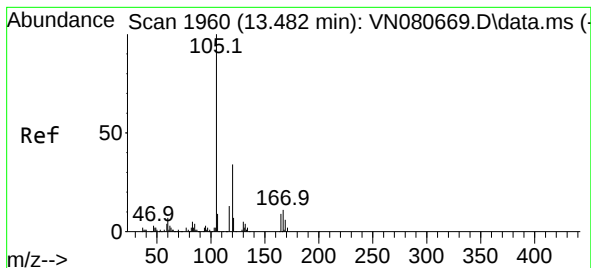
Tgt Ion: 91 Resp: 154095
Ion Ratio Lower Upper
91 100
126 29.9 0.0 62.8



#79
tert-butylbenzene
Concen: 20.481 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Tgt Ion: 119 Resp: 134926
Ion Ratio Lower Upper
119 100
91 74.3 0.0 138.8
134 23.0 0.0 48.6





#80

1,2,4-Trimethylbenzene

Concen: 20.374 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Instrument :

MSVOA_N

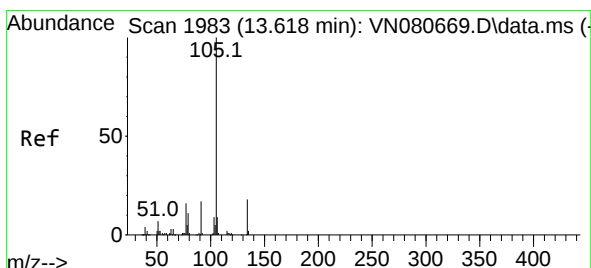
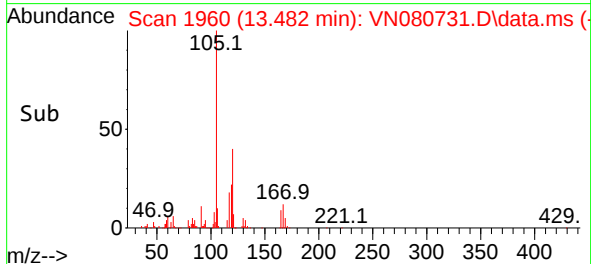
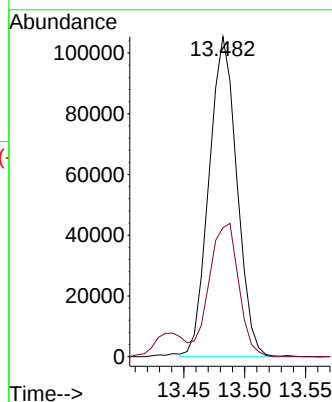
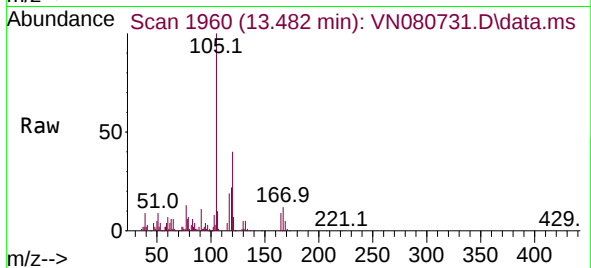
ClientSampleId :

Tgt Ion:105 Resp: 168234

Ion Ratio Lower Upper

105 100

120 44.1 0.0 86.8



#81

sec-Butylbenzene

Concen: 21.062 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.001 min

Lab File: VN080731.D

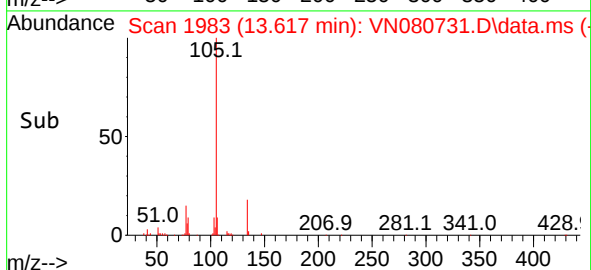
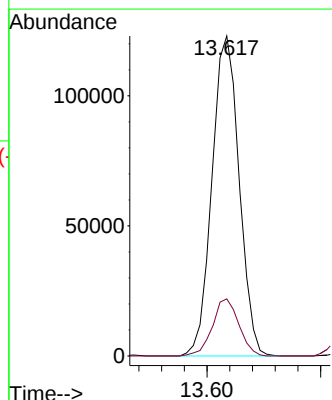
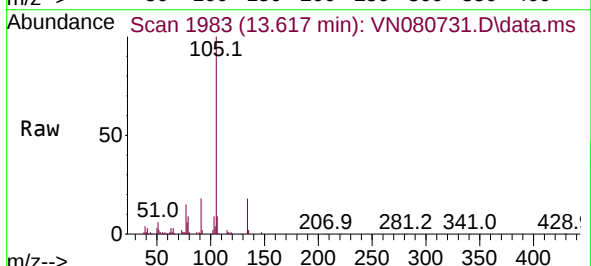
Acq: 22 Jan 2024 10:25

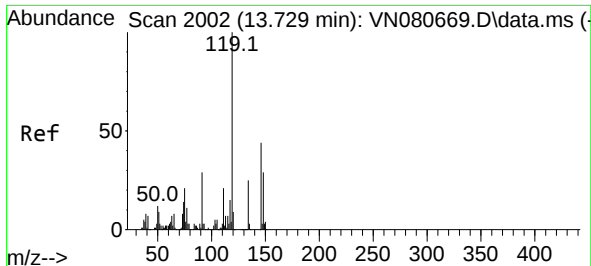
Tgt Ion:105 Resp: 204256

Ion Ratio Lower Upper

105 100

134 17.4 0.0 39.0





#82

p-Isopropyltoluene

Concen: 21.877 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

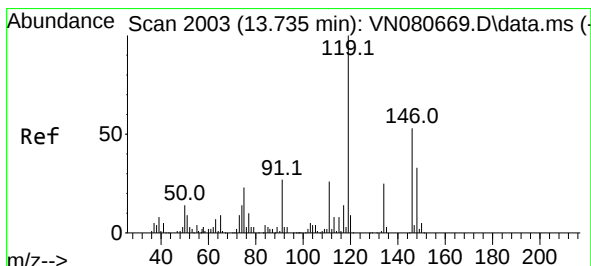
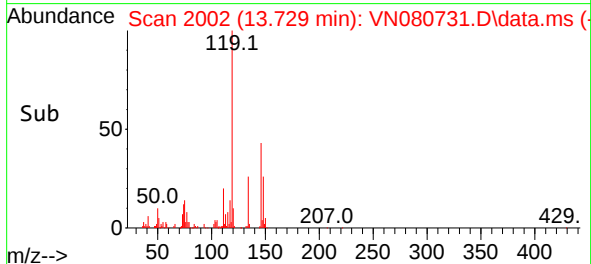
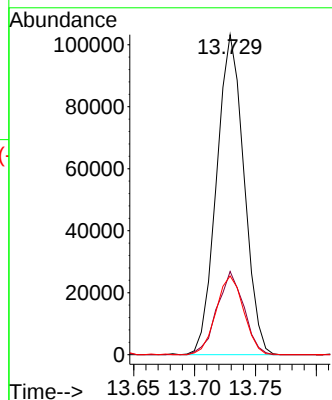
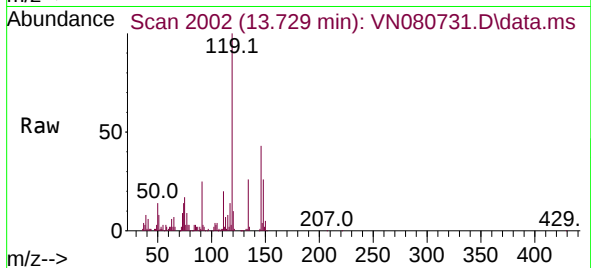
Tgt Ion:119 Resp: 161796

Ion Ratio Lower Upper

119 100

134 25.4 0.0 49.2

91 24.8 0.0 48.8



#83

1,3-Dichlorobenzene

Concen: 21.236 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

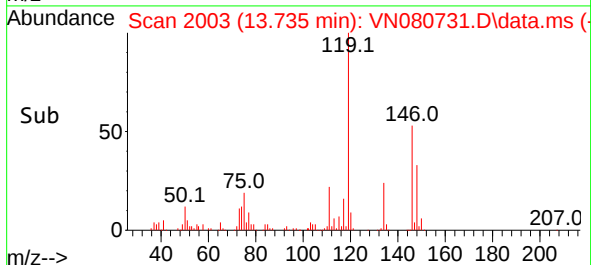
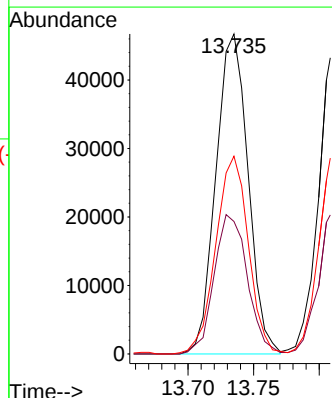
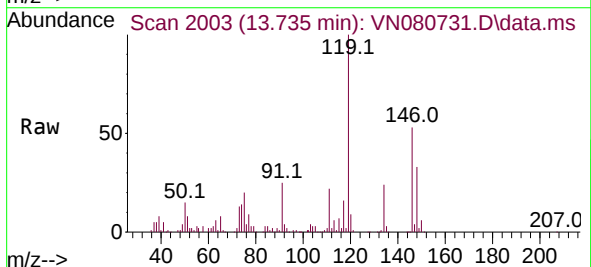
Tgt Ion:146 Resp: 79630

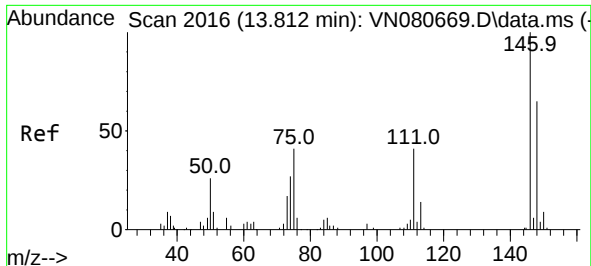
Ion Ratio Lower Upper

146 100

111 45.2 22.4 67.0

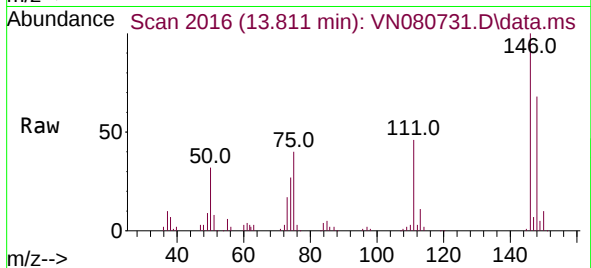
148 62.6 32.1 96.5



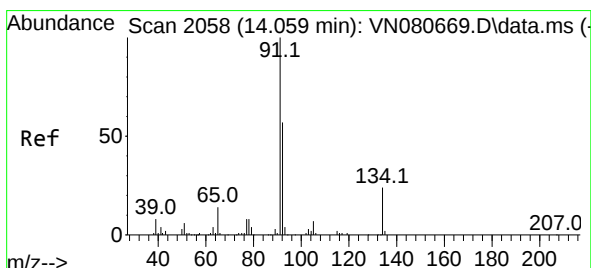
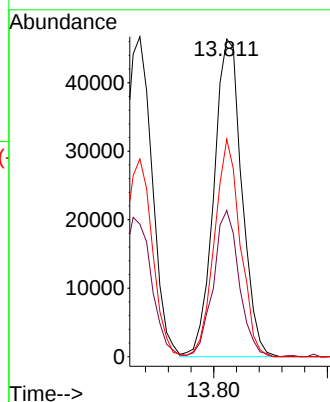
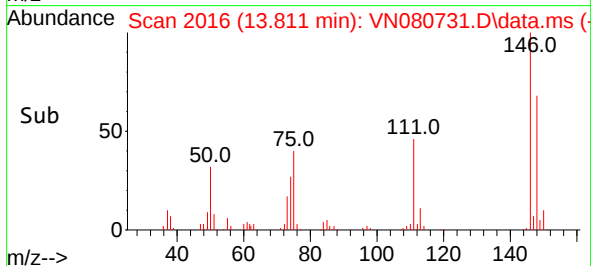


#84
1,4-Dichlorobenzene
Concen: 21.015 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.001 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :

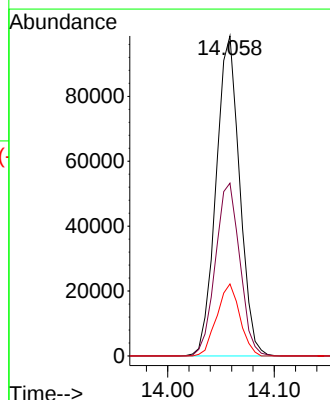
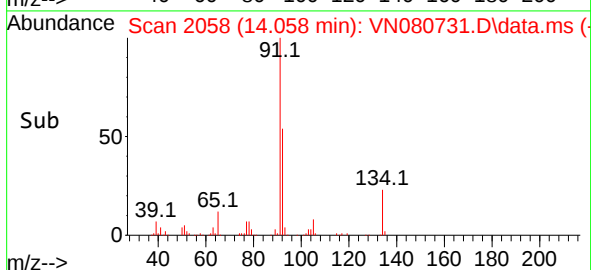
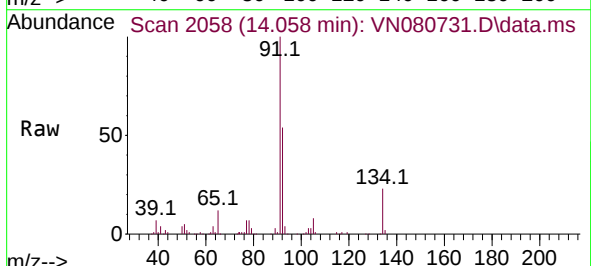


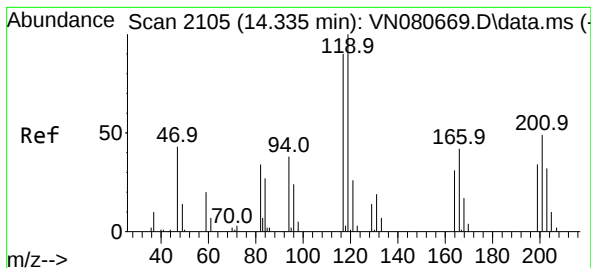
Tgt Ion:146 Resp: 79342
Ion Ratio Lower Upper
146 100
111 42.5 21.3 63.9
148 63.2 31.9 95.5



#85
n-Butylbenzene
Concen: 20.721 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.001 min
Lab File: VN080731.D
Acq: 22 Jan 2024 10:25

Tgt Ion: 91 Resp: 151413
Ion Ratio Lower Upper
91 100
92 55.9 0.0 105.0
134 22.1 0.0 51.8





#86

Hexachloroethane

Concen: 19.223 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Instrument :

MSVOA_N

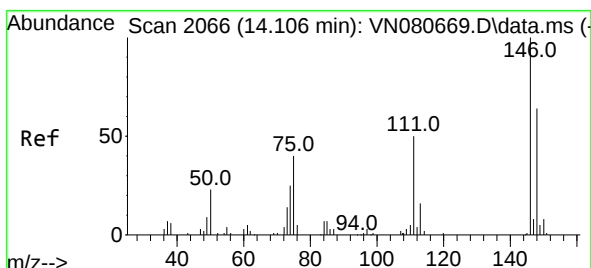
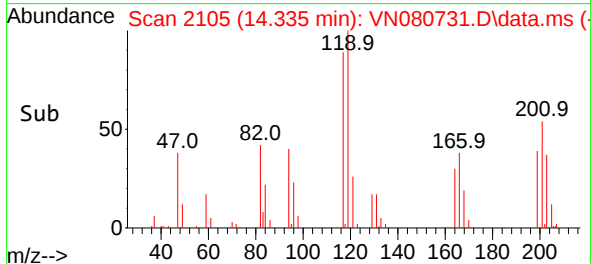
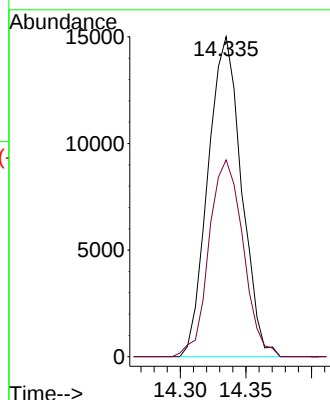
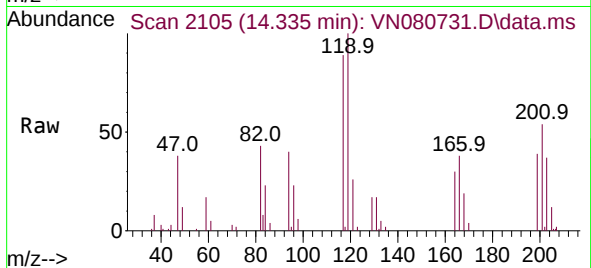
ClientSampleId :

Tgt Ion:117 Resp: 26734

Ion Ratio Lower Upper

117 100

201 62.5 38.0 114.0



#87

1,2-Dichlorobenzene

Concen: 20.588 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

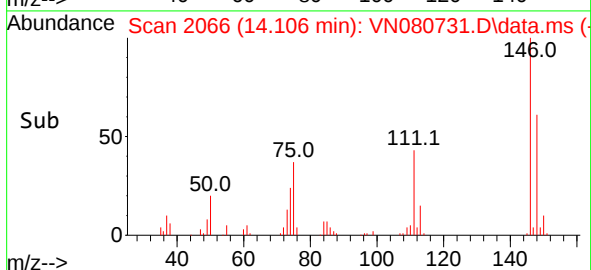
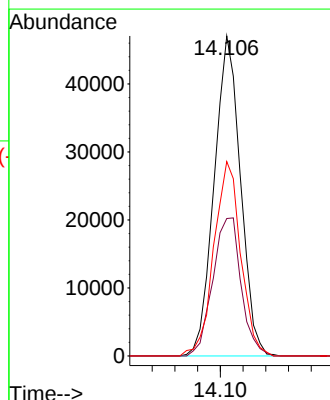
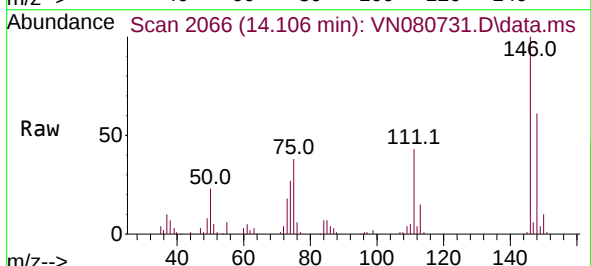
Tgt Ion:146 Resp: 75730

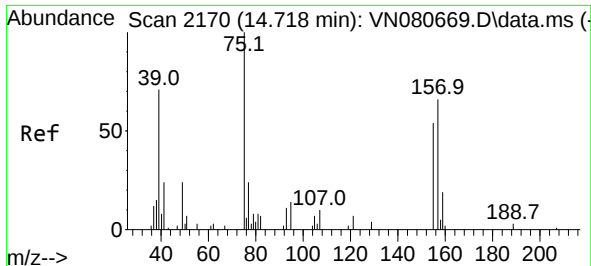
Ion Ratio Lower Upper

146 100

111 46.5 22.6 67.8

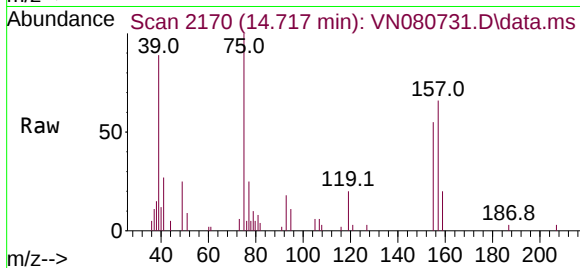
148 61.9 31.3 93.8



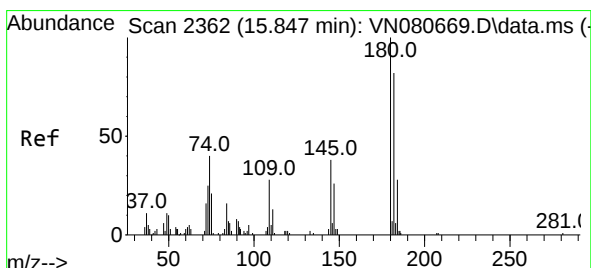
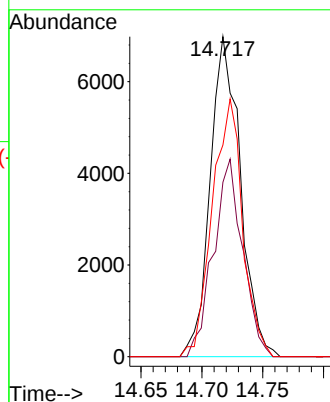
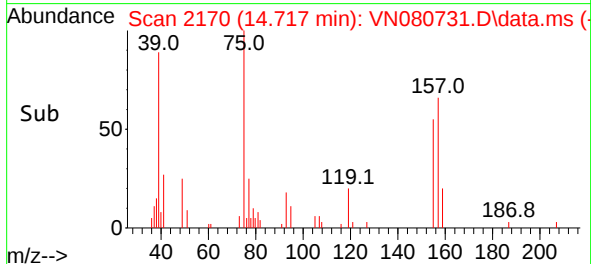


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.469 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.001 min
 Lab File: VN080731.D
 Acq: 22 Jan 2024 10:25

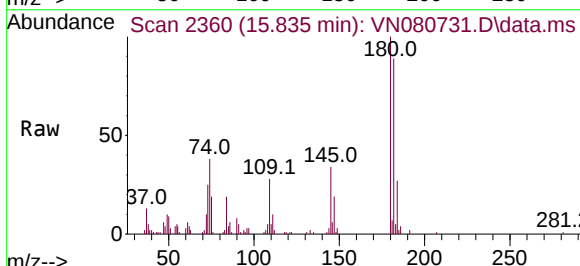
Instrument :
 MSVOA_N
 ClientSampleId :



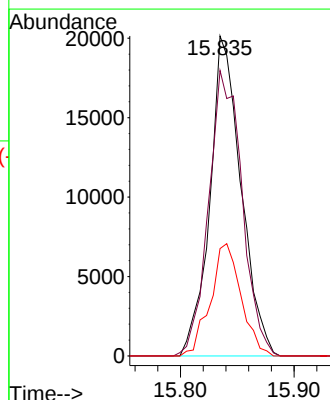
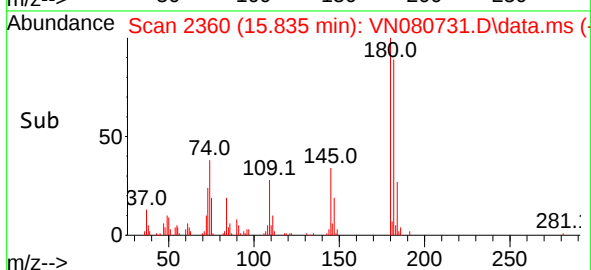
Tgt Ion: 75 Resp: 12038
 Ion Ratio Lower Upper
 75 100
 155 59.9 61.7 92.5#
 157 80.5 83.6 125.4#

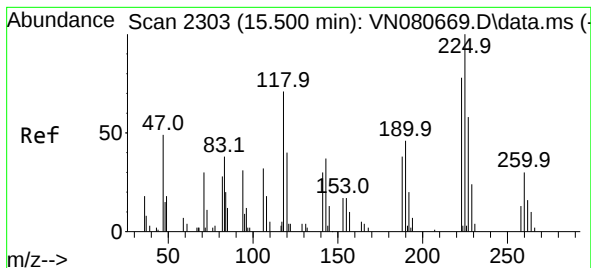


#89
 1,2,4-Trichlorobenzene
 Concen: 20.823 ug/l
 RT: 15.835 min Scan# 2360
 Delta R.T. -0.012 min
 Lab File: VN080731.D
 Acq: 22 Jan 2024 10:25



Tgt Ion: 180 Resp: 38418
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.4 114.6
 145 34.6 28.4 42.6





#90

Hexachlorobutadiene

Concen: 19.437 ug/l

RT: 15.500 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

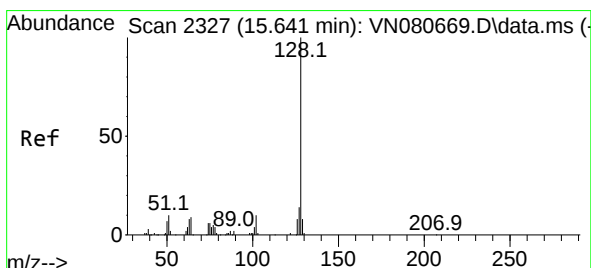
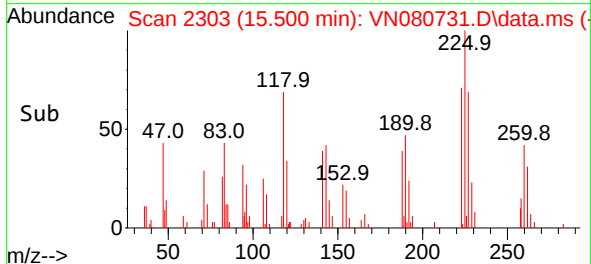
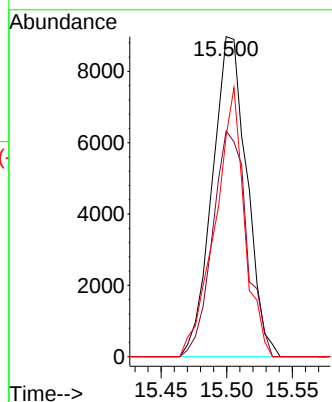
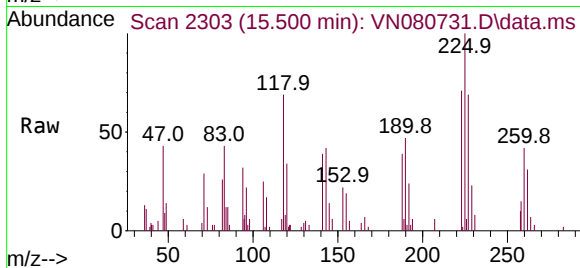
Tgt Ion:225 Resp: 16430

Ion Ratio Lower Upper

225 100

223 70.0 0.0 126.6

227 71.2 0.0 126.6



#91

Naphthalene

Concen: 18.745 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080731.D

Acq: 22 Jan 2024 10:25

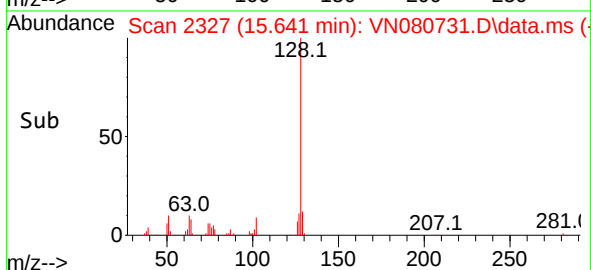
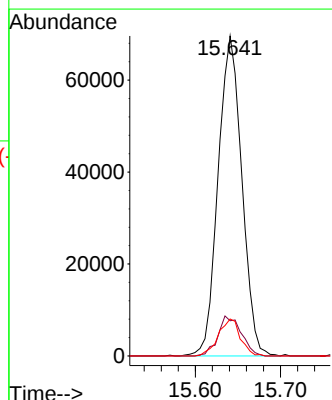
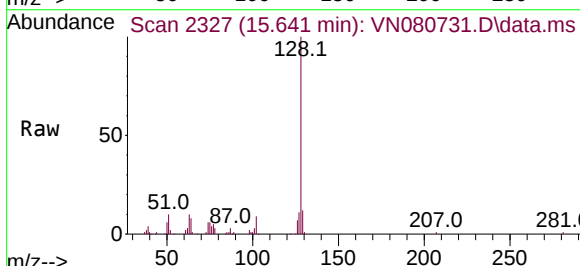
Tgt Ion:128 Resp: 134819

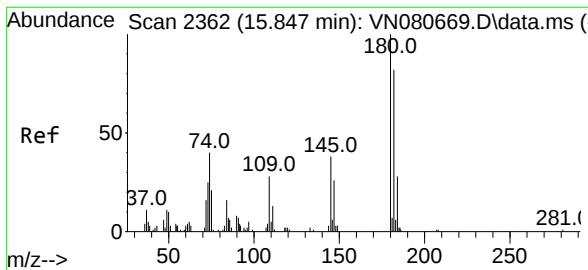
Ion Ratio Lower Upper

128 100

127 12.2 10.6 16.0

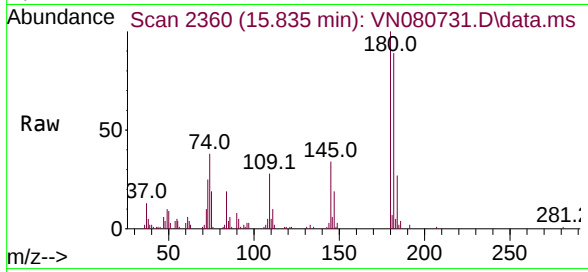
129 10.7 8.6 13.0





#92
 1,2,3-Trichlorobenzene
 Concen: 20.823 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN080731.D
 Acq: 22 Jan 2024 10:25

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	38418
Ion	Ratio	Lower	Upper
180	100		
182	95.3	0.0	191.0
145	34.6	0.0	71.0

