

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080732.D
 Acq On : 22 Jan 2024 11:44
 Operator : JC\MD
 Sample : VN0122WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 23 01:30:36 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	11756	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	106357	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	118322	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	55126	29.037	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.800%
60) 4-Bromofluorobenzene	12.847	95	73025	27.899	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.000%
63) Toluene-d8	10.565	98	159151	30.648	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.167%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34481	17.257	ug/l	97
3) Chloromethane	2.365	50	52293	19.213	ug/l	100
4) Vinyl Chloride	2.518	62	42368	20.464	ug/l #	89
5) Bromomethane	2.971	94	16567	21.792	ug/l	97
6) Chloroethane	3.124	64	23424	20.927	ug/l	92
7) Trichlorofluoromethane	3.494	101	55061	17.801	ug/l	91
8) Diethyl Ether	3.953	74	25297	17.575	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.377	101	34202	19.189	ug/l	31
10) 1,1-Dichloroethene	4.347	96	34245	17.886	ug/l	83
11) Methyl Iodide	4.589	142	28605	17.517	ug/l	92
12) Methyl Acetate	5.012	43	41204	18.191	ug/l #	63
13) Acrolein	4.177	56	29259	97.174	ug/l	99
14) Acrylonitrile	5.712	53	91549	89.690	ug/l	99
15) Acetone	4.424	58	19288	83.301	ug/l	98
16) Carbon Disulfide	4.706	76	105886	17.852	ug/l	97
17) Allyl chloride	5.024	41	69707	17.986	ug/l	73
18) Methylene Chloride	5.271	84	41493	18.650	ug/l #	78
19) trans-1,2-Dichloroethene	5.777	96	38705	19.228	ug/l	94
20) Diisopropyl ether	6.665	45	152091	19.338	ug/l #	94
21) 1,1-Dichloroethane	6.565	63	78157	18.299	ug/l	93
22) cis-1,2-Dichloroethene	7.488	96	45595	19.362	ug/l #	77
23) tert-Butyl Alcohol	5.512	59	29828	84.730	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	121513	17.553	ug/l #	85
25) Chloroform	7.965	83	72010	18.109	ug/l	100
26) Cyclohexane	8.253	56	64113	19.089	ug/l #	91
29) 1,1-Dichloropropene	8.371	75	56783	17.563	ug/l	95
30) 2-Butanone	7.477	43	119087	83.241	ug/l	91
31) 2,2-Dichloropropane	7.482	77	65264	16.804	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	59437	16.708	ug/l #	92
33) Carbon Tetrachloride	8.359	117	46583	16.580	ug/l	95
34) Benzene	8.606	78	174594	18.207	ug/l	99
35) Methacrylonitrile	7.777	41	30858	17.189	ug/l	92
36) 1,2-Dichloroethane	8.665	62	56357	15.983	ug/l	97
37) Trichloroethene	9.347	130	36728	17.561	ug/l	90
38) Methylcyclohexane	9.600	83	58375	18.534	ug/l	94
39) 1,2-Dichloropropane	9.624	63	49175	19.025	ug/l	95
40) Dibromomethane	9.706	93	26402	17.168	ug/l	85
41) Bromodichloromethane	9.882	83	56627	16.826	ug/l #	95
42) Vinyl Acetate	6.600	43	578142	86.948	ug/l #	93

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 QLast Update : Fri Jan 12 05:20:11 2024
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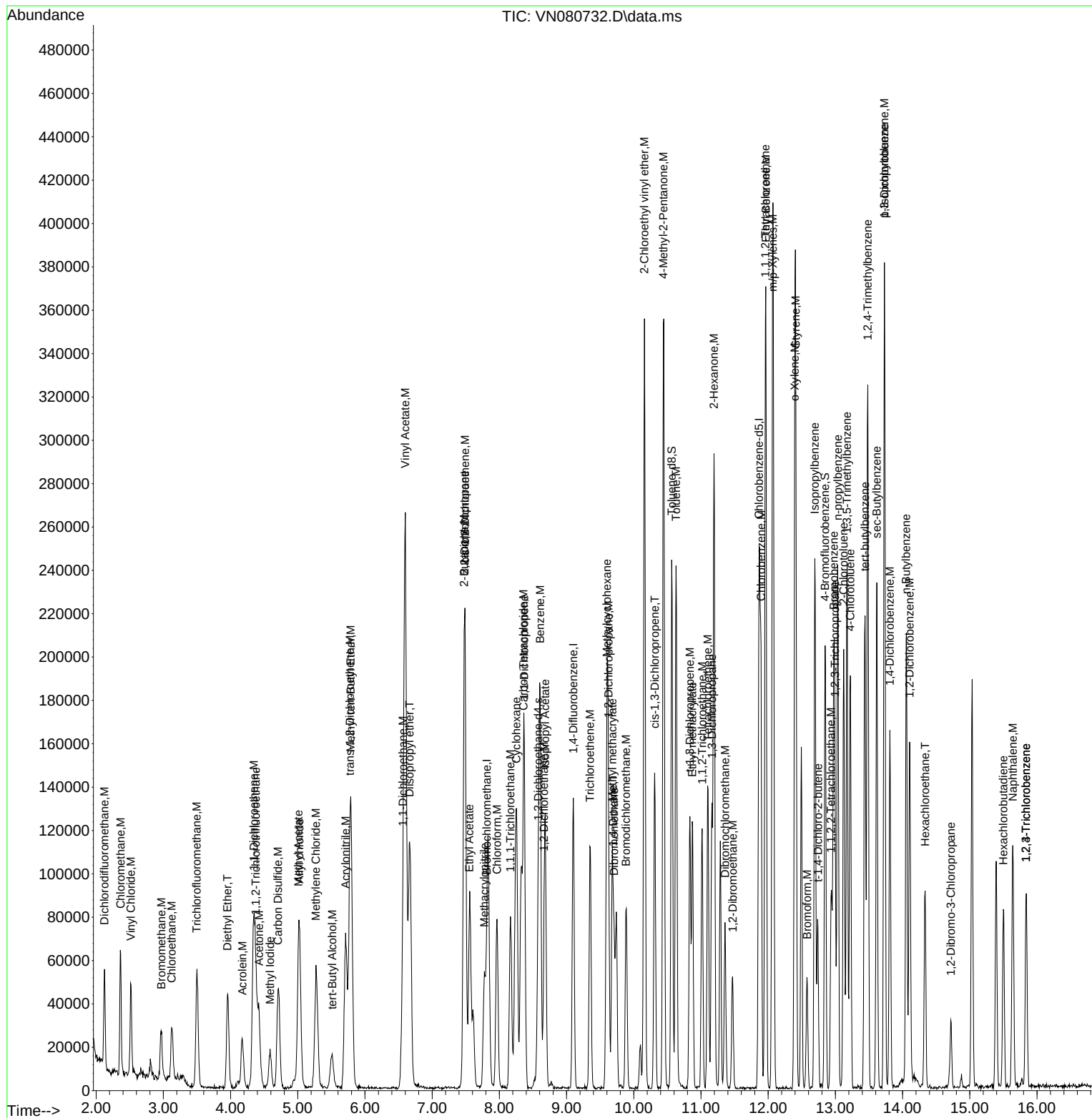
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43) Ethyl Acetate	7.553	43	52725	17.551	ug/l	95
44) Isopropyl Acetate	8.682	43	97985	17.087	ug/l	90
45) 1,4-Dioxane	9.694	88	10517	322.463	ug/l #	79
46) Methyl methacrylate	9.682	41	43936	16.271	ug/l	81
48) t-1,3-Dichloropropene	10.835	75	65914	16.622	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	72438	17.211	ug/l #	88
50) 1,1,2-Trichloroethane	11.018	97	37768	17.882	ug/l	98
51) Ethyl methacrylate	10.871	69	59921	16.412	ug/l	75
52) 1,3-Dichloropropane	11.165	76	69246	17.416	ug/l	99
53) Dibromochloromethane	11.359	129	36138	17.099	ug/l	99
54) 1,2-Dibromoethane	11.470	107	34577	16.655	ug/l	95
55) 2-Chloroethyl vinyl ether	10.159	63	153834	81.975	ug/l	94
56) Bromoform	12.582	173	20381	16.325	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	257392	82.694	ug/l #	86
59) 2-Hexanone	11.194	43	190568	82.002	ug/l #	88
61) Tetrachloroethene	11.100	164	29849	18.951	ug/l	82
62) Toluene	10.629	91	171547	18.026	ug/l	98
64) Chlorobenzene	11.894	112	97788	18.448	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.959	131	34408	18.067	ug/l	93
66) Ethyl Benzene	11.965	91	179330	17.916	ug/l	94
67) m/p-Xylenes	12.070	106	128175	35.628	ug/l	95
68) o-Xylene	12.394	106	63616	17.731	ug/l	97
69) Styrene	12.412	104	106232	17.624	ug/l	99
70) Isopropylbenzene	12.694	105	153104	17.460	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	45594	15.930	ug/l	95
72) 1,2,3-Trichloropropane	12.994	75	63211	23.302	ug/l	69
73) Bromobenzene	12.976	156	31633	16.924	ug/l	74
74) n-propylbenzene	13.035	91	197403	18.666	ug/l	96
75) 2-Chlorotoluene	13.123	91	115550	17.374	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	127974	17.534	ug/l	96
77) t-1,4-Dichloro-2-butene	12.741	75	19194	17.260	ug/l	85
78) 4-Chlorotoluene	13.223	91	115693	17.403	ug/l	95
79) tert-butylbenzene	13.441	119	101997	17.904	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	126838	17.763	ug/l	100
81) sec-Butylbenzene	13.617	105	156844	18.702	ug/l	96
82) p-Isopropyltoluene	13.729	119	119646	18.708	ug/l	97
83) 1,3-Dichlorobenzene	13.729	146	58284	17.974	ug/l	99
84) 1,4-Dichlorobenzene	13.811	146	56786	17.392	ug/l	97
85) n-Butylbenzene	14.053	91	117001	18.516	ug/l	96
86) Hexachloroethane	14.335	117	20232	16.823	ug/l	82
87) 1,2-Dichlorobenzene	14.106	146	57229	17.991	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	8400	14.096	ug/l	85
89) 1,2,4-Trichlorobenzene	15.835	180	26398	16.546	ug/l	96
90) Hexachlorobutadiene	15.500	225	13274	18.159	ug/l	98
91) Naphthalene	15.641	128	98320	15.808	ug/l #	92
92) 1,2,3-Trichlorobenzene	15.835	180	26398	16.546	ug/l	96

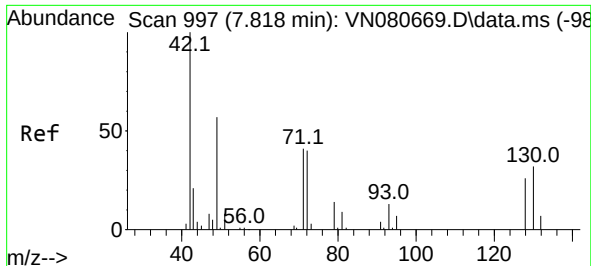
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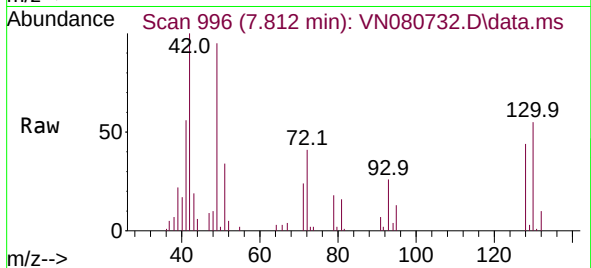
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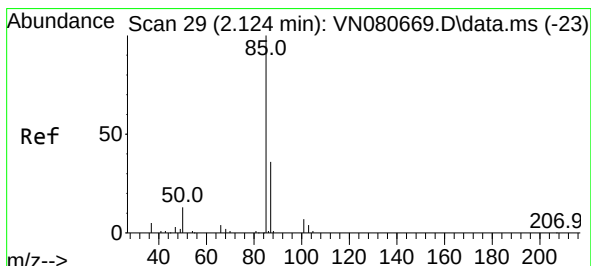
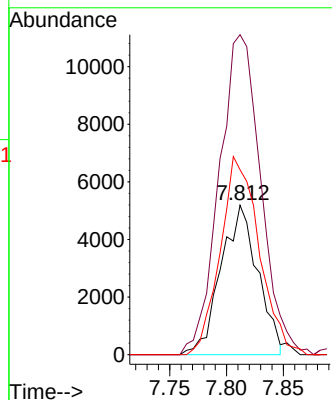
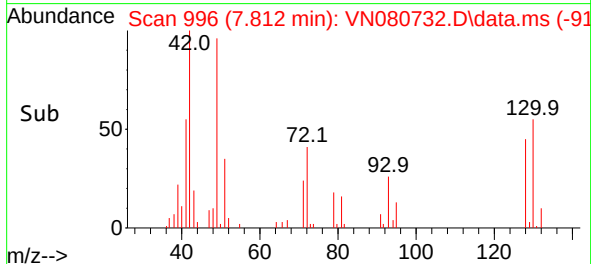


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080732.D
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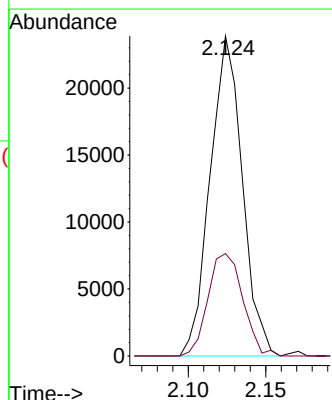
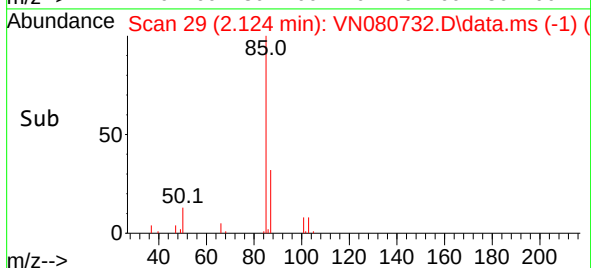
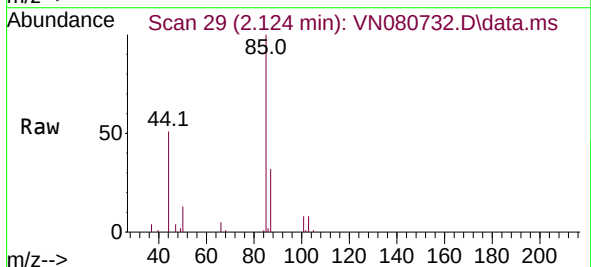


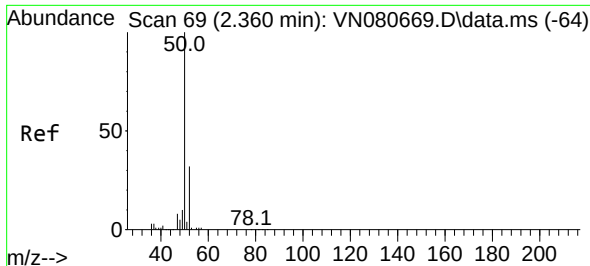
Tgt Ion:128 Resp: 11756
Ion Ratio Lower Upper
128 100
49 240.4 0.0 403.7
130 139.3 0.0 323.3



#2
Dichlorodifluoromethane
Concen: 17.257 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 85 Resp: 34481
Ion Ratio Lower Upper
85 100
87 32.0 16.8 50.3

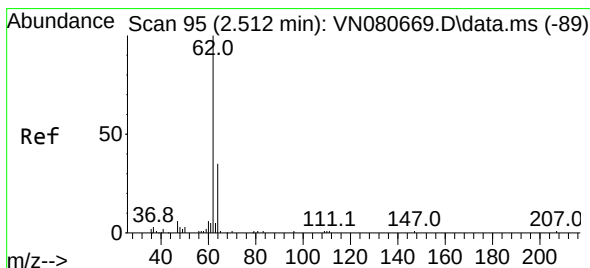
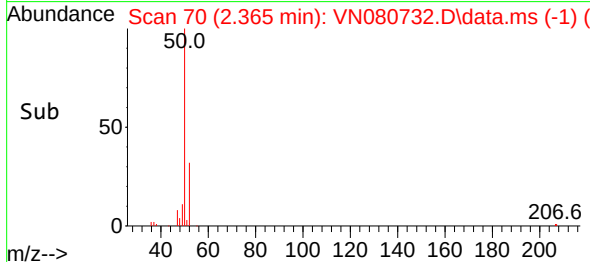
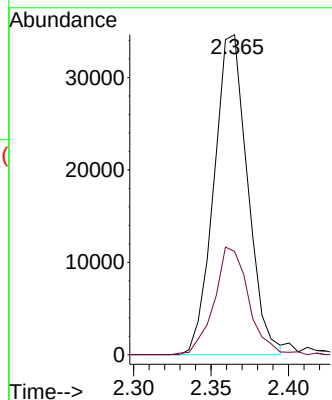
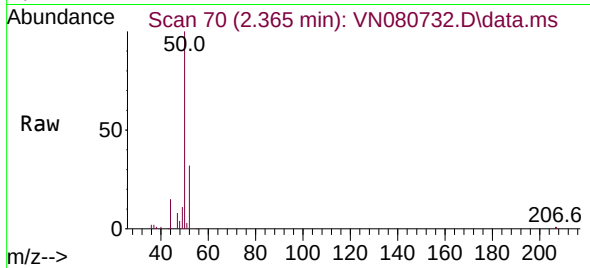




#3
Chloromethane
Concen: 19.213 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.005 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

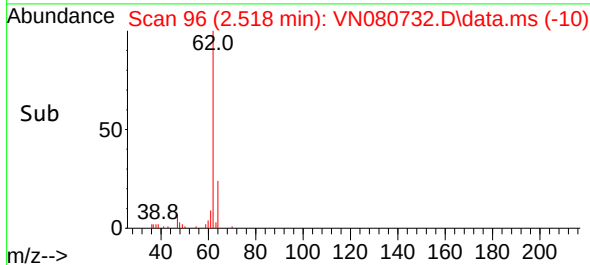
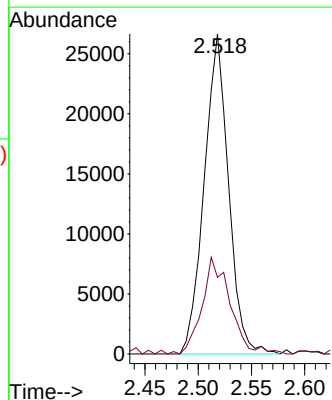
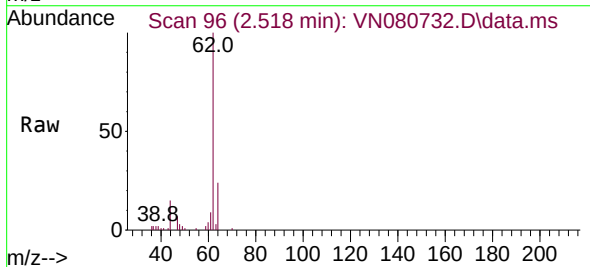
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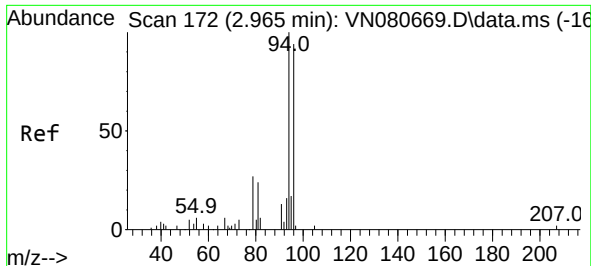
Tgt Ion: 50 Resp: 52293
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0



#4
Vinyl Chloride
Concen: 20.464 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 62 Resp: 42368
Ion Ratio Lower Upper
62 100
64 23.9 24.1 36.1#

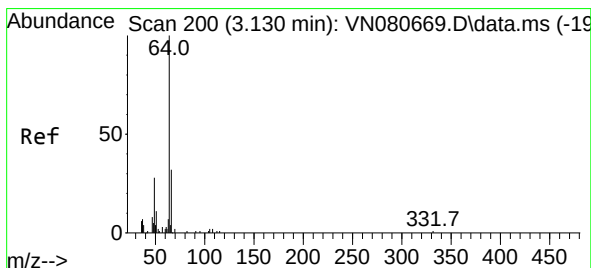
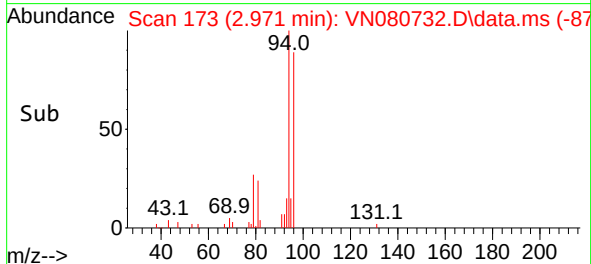
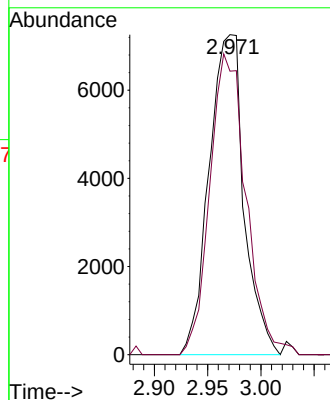
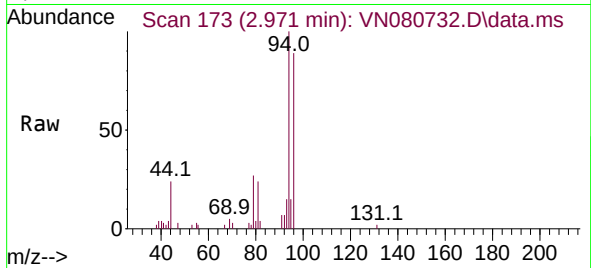




#5
Bromomethane
Concen: 21.792 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

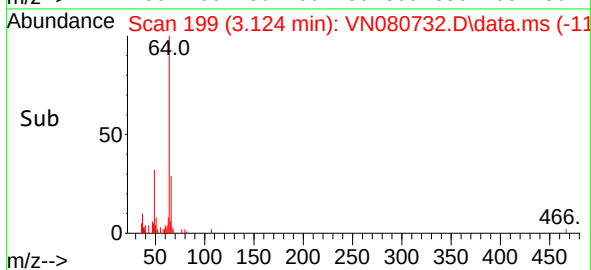
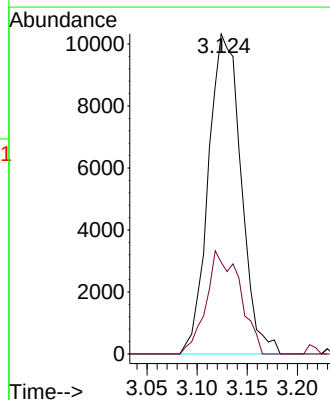
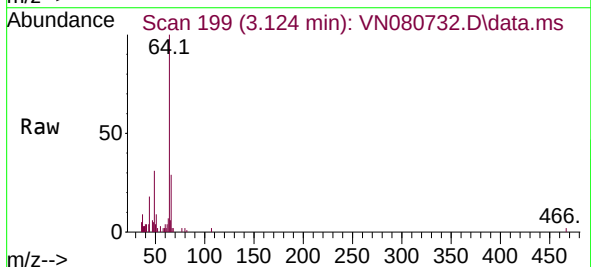
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ClientSampleId :

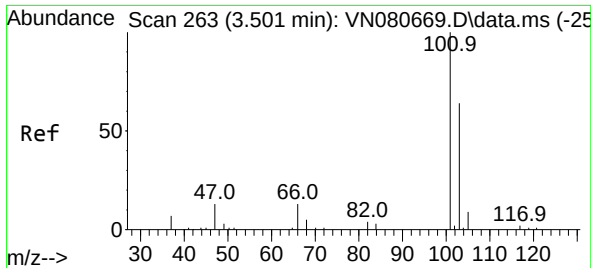
Tgt Ion: 94 Resp: 16567
Ion Ratio Lower Upper
94 100
96 88.6 72.8 109.2



#6
Chloroethane
Concen: 20.927 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 64 Resp: 23424
Ion Ratio Lower Upper
64 100
66 28.6 26.7 40.1

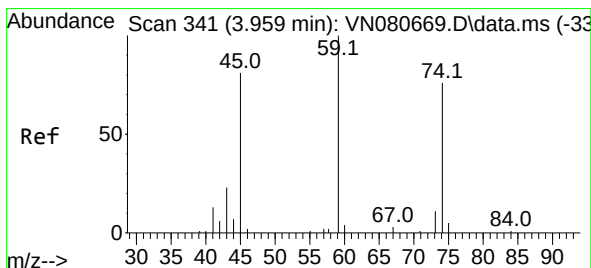
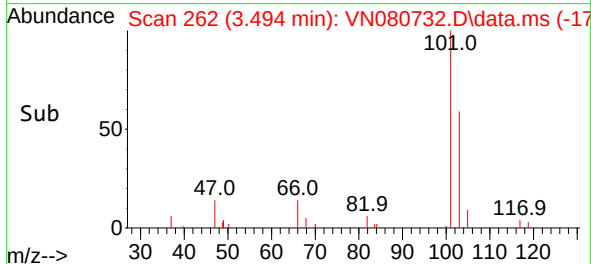
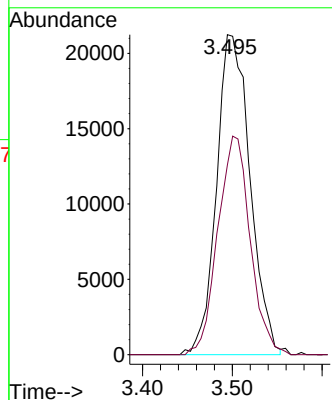
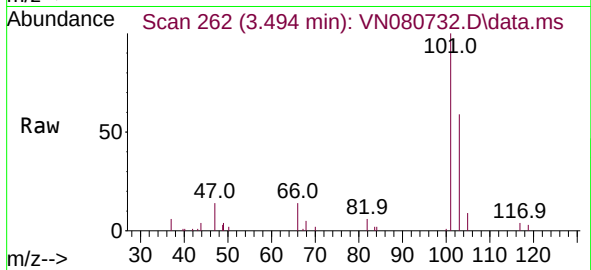




#7
Trichlorofluoromethane
Concen: 17.801 ug/l
RT: 3.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN080732.D
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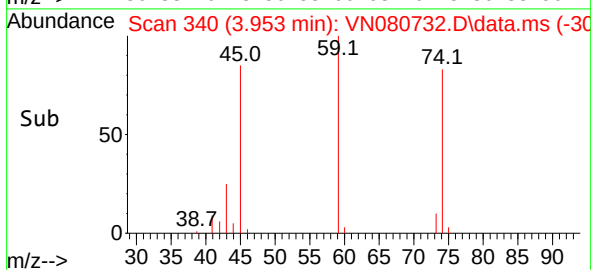
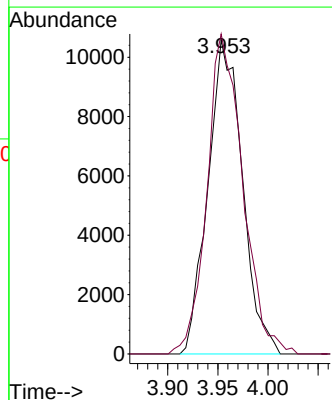
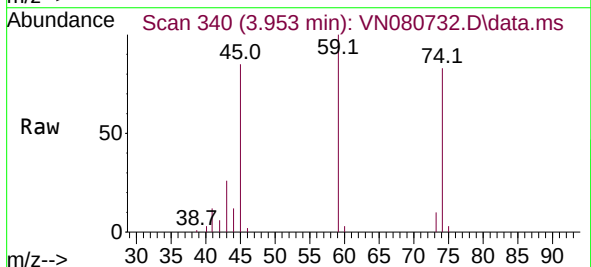
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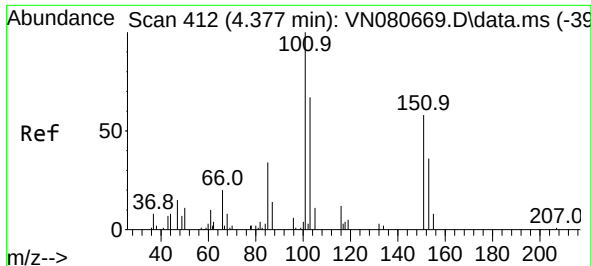
Tgt Ion:101 Resp: 55061
Ion Ratio Lower Upper
101 100
103 59.3 53.0 79.4



#8
Diethyl Ether
Concen: 17.575 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 74 Resp: 25297
Ion Ratio Lower Upper
74 100
45 105.7 16.4 147.4

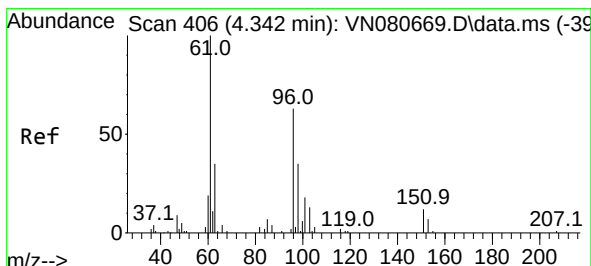
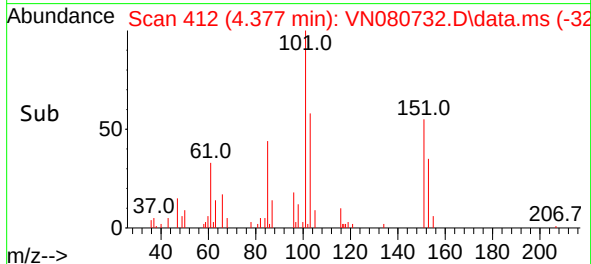
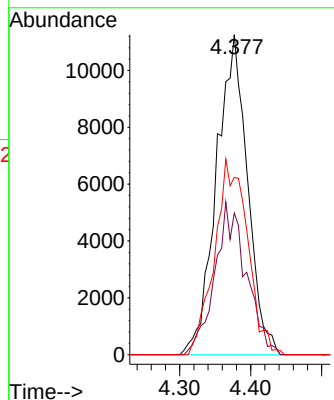
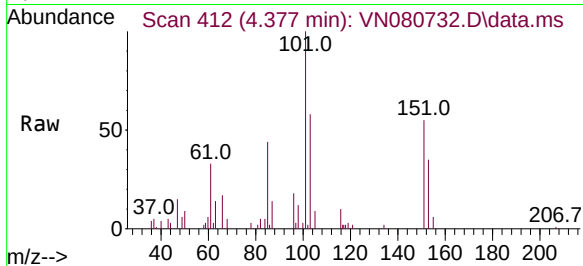




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.189 ug/l
 RT: 4.377 min Scan# 412
 Delta R.T. -0.000 min
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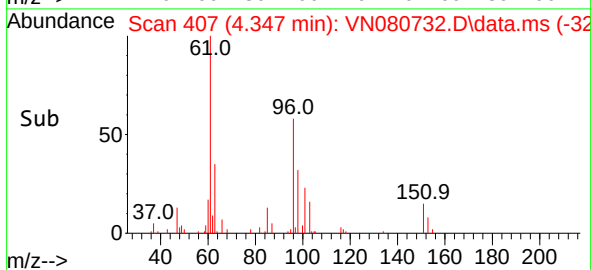
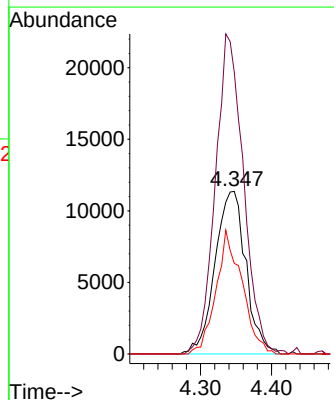
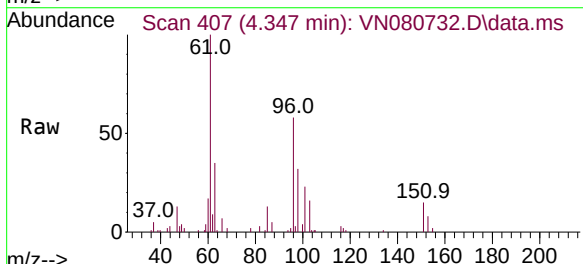
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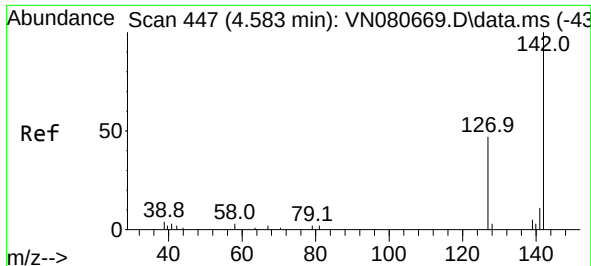
Tgt Ion:101 Resp: 34202
 Ion Ratio Lower Upper
 101 100
 85 22.4 0.0 90.6
 151 1.4 0.0 157.6



#10
 1,1-Dichloroethene
 Concen: 17.886 ug/l
 RT: 4.347 min Scan# 407
 Delta R.T. 0.005 min
 Lab File: VN080732.D
 Acq: 22 Jan 2024 11:44

Tgt Ion: 96 Resp: 34245
 Ion Ratio Lower Upper
 96 100
 61 173.5 117.6 176.4
 98 55.7 48.4 72.6

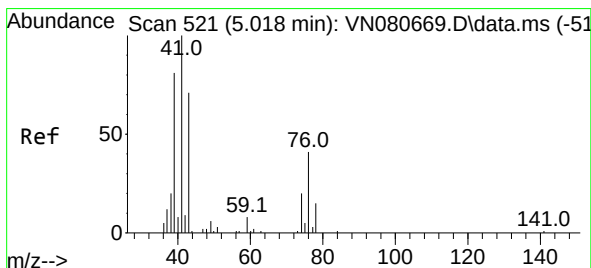
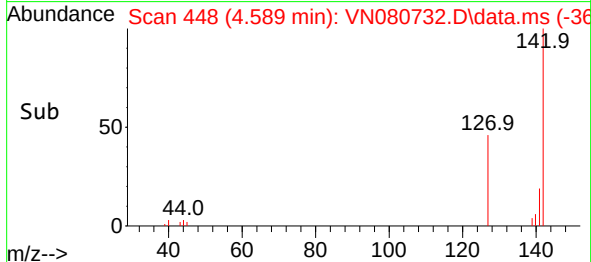
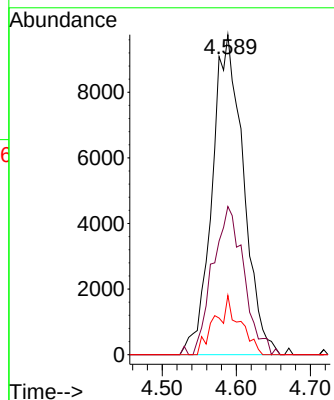
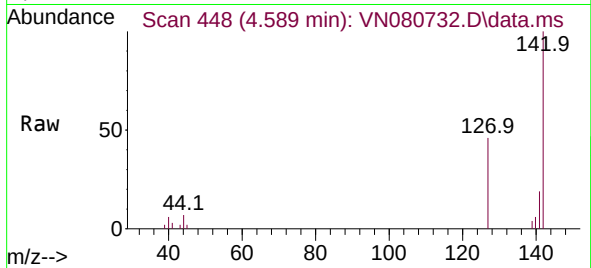




#11
Methyl Iodide
Concen: 17.517 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

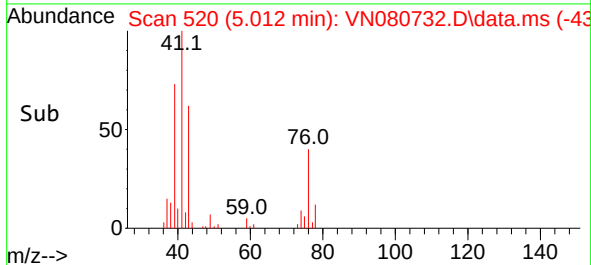
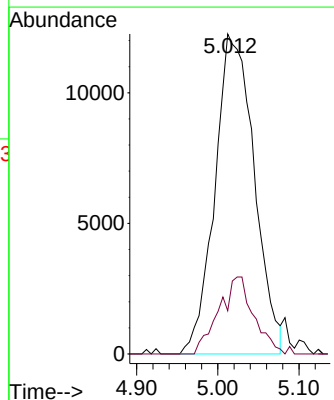
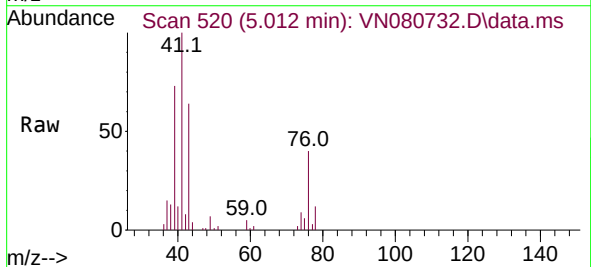
Instrument :
MSVOA_N
ClientSampleId :

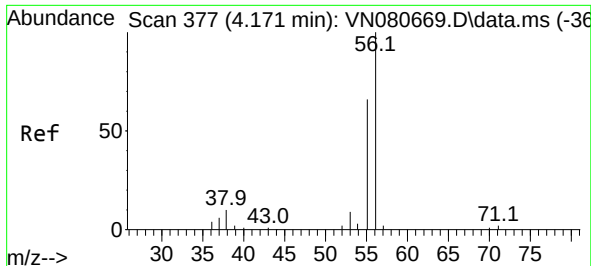
Tgt Ion:142 Resp: 28605
Ion Ratio Lower Upper
142 100
127 46.3 26.3 78.9
141 18.5 8.3 24.9



#12
Methyl Acetate
Concen: 18.191 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 43 Resp: 41204
Ion Ratio Lower Upper
43 100
74 13.3 27.7 41.5#





#13

Acrolein

Concen: 97.174 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

Instrument :

MSVOA_N

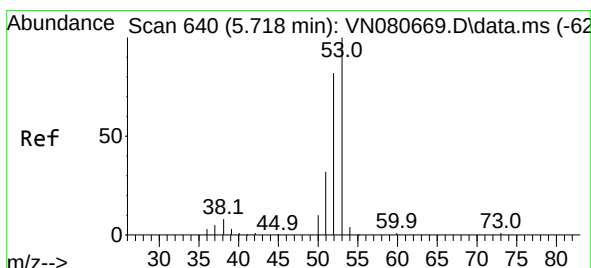
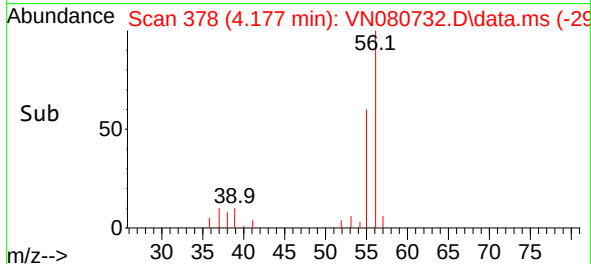
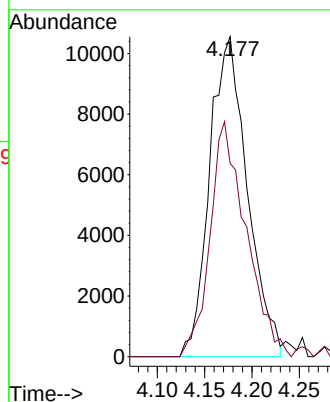
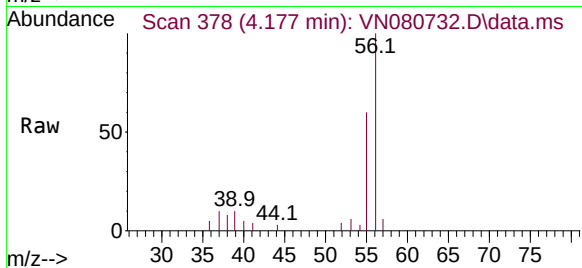
ClientSampleId :

Tgt Ion: 56 Resp: 29259

Ion Ratio Lower Upper

56 100

55 70.0 55.5 83.3



#14

Acrylonitrile

Concen: 89.690 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

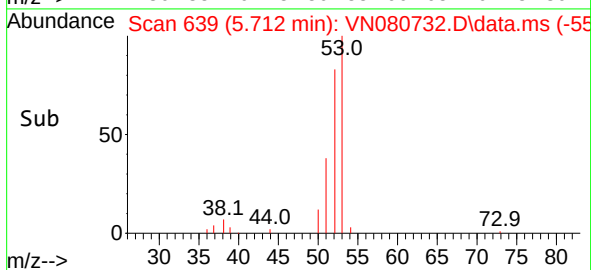
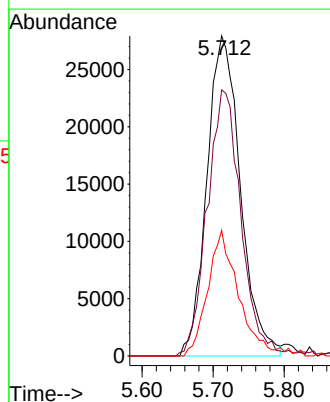
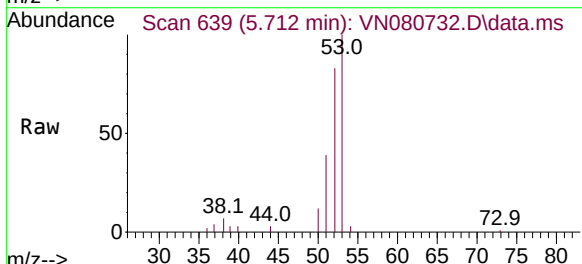
Tgt Ion: 53 Resp: 91549

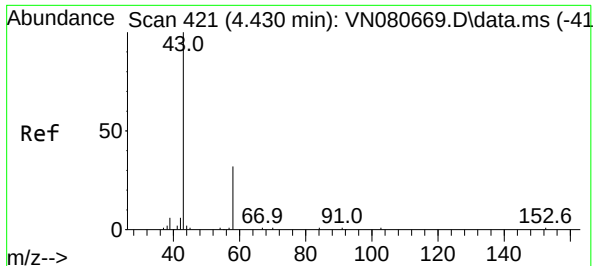
Ion Ratio Lower Upper

53 100

52 83.1 41.3 123.9

51 35.4 16.8 50.3





#15

Acetone

Concen: 83.301 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

Instrument :

MSVOA_N

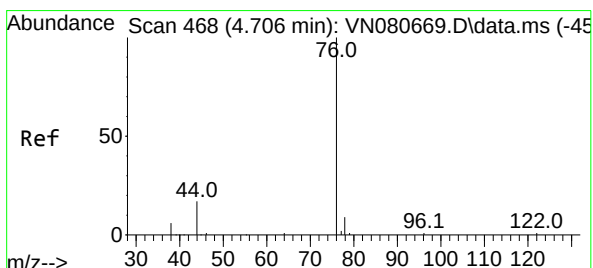
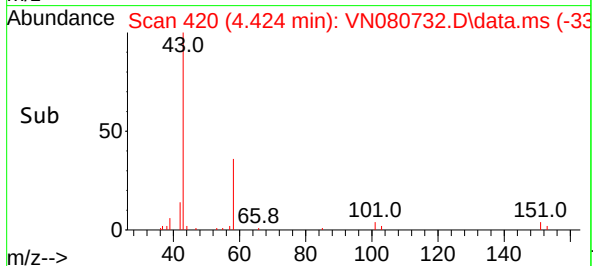
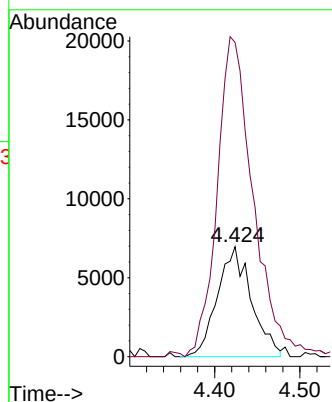
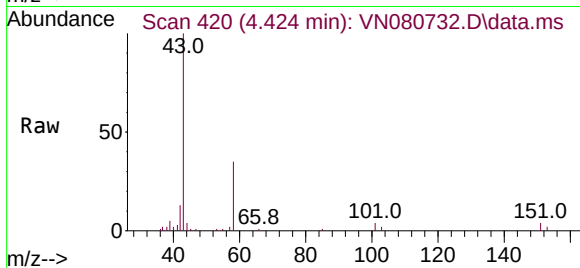
ClientSampleId :

Tgt Ion: 58 Resp: 19288

Ion Ratio Lower Upper

58 100

43 282.8 223.1 334.7



#16

Carbon Disulfide

Concen: 17.852 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.000 min

Lab File: VN080732.D

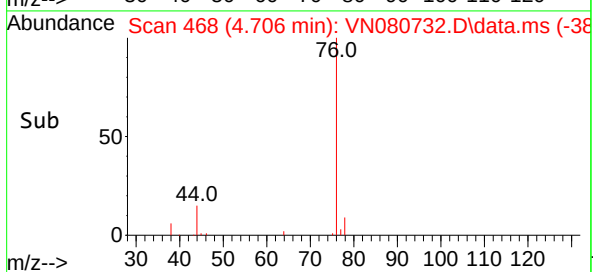
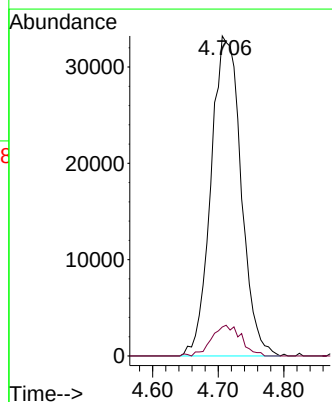
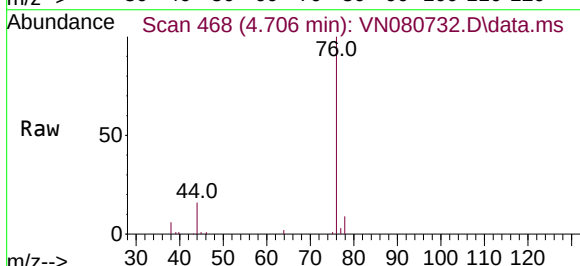
Acq: 22 Jan 2024 11:44

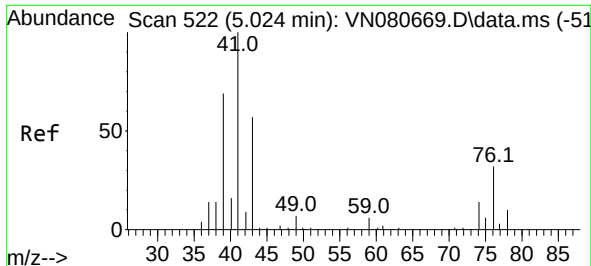
Tgt Ion: 76 Resp: 105886

Ion Ratio Lower Upper

76 100

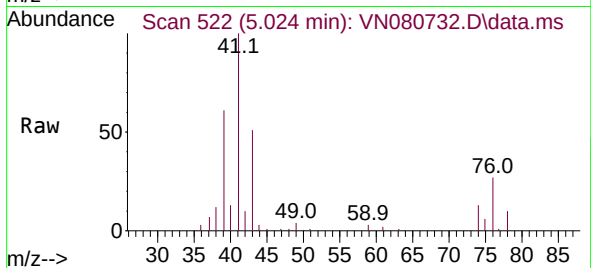
78 9.1 6.3 9.5



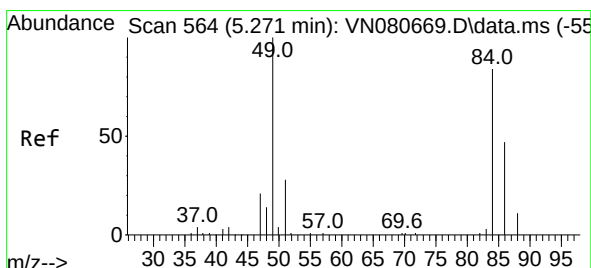
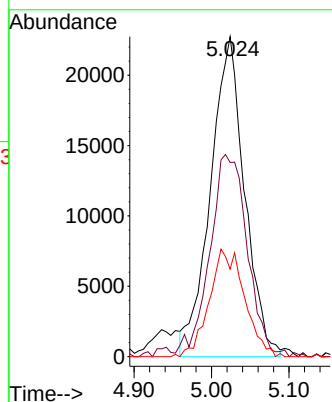
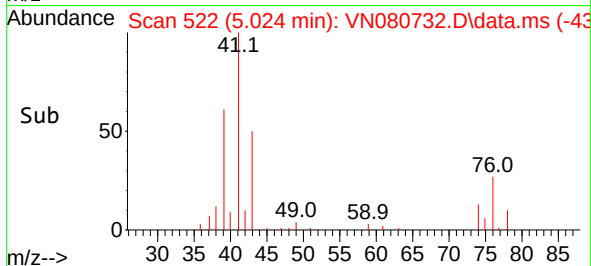


#17
 Allyl chloride
 Concen: 17.986 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN080732.D
 Acq: 22 Jan 2024 11:44

Instrument :
 MSVOA_N
 ClientSampleId :

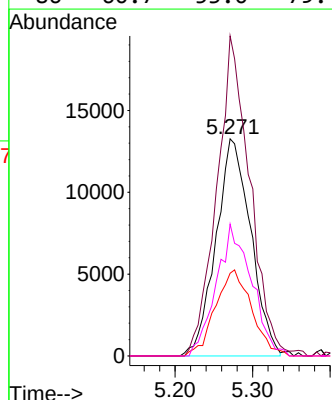
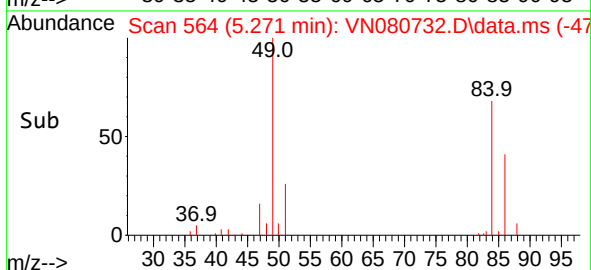
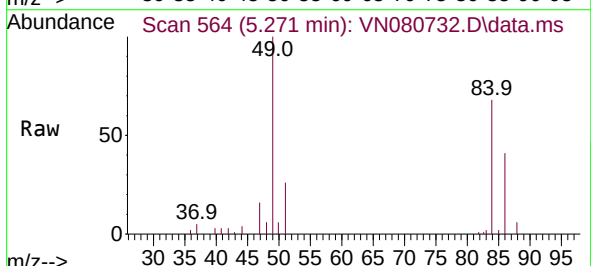


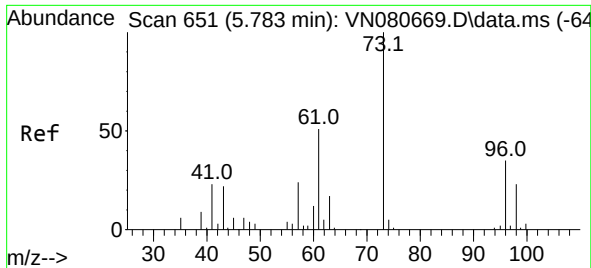
Tgt Ion:	41	Resp:	69707
Ion	Ratio	Lower	Upper
41	100		
39	58.8	37.6	112.9
76	27.9	27.8	83.4



#18
 Methylene Chloride
 Concen: 18.650 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.000 min
 Lab File: VN080732.D
 Acq: 22 Jan 2024 11:44

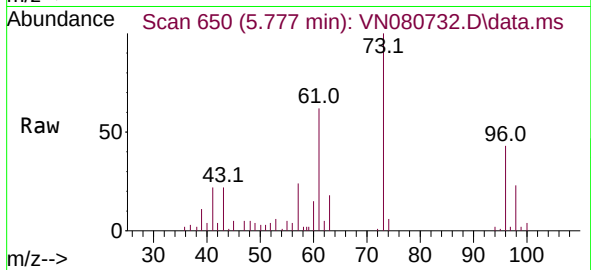
Tgt Ion:	84	Resp:	41493
Ion	Ratio	Lower	Upper
84	100		
49	147.3	86.0	129.0#
51	38.1	30.0	45.0
86	60.7	53.0	79.4



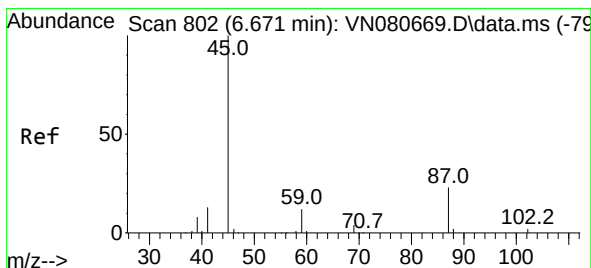
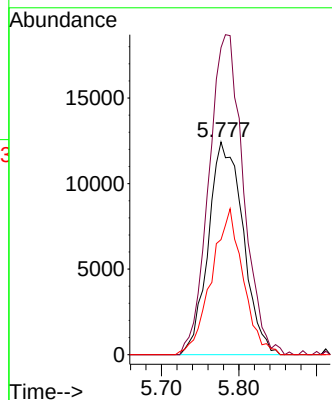
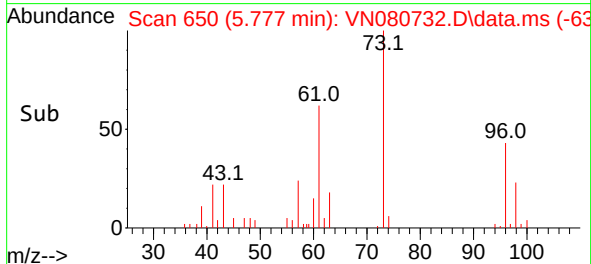


#19
trans-1,2-Dichloroethene
Concen: 19.228 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Instrument :
MSVOA_N
ClientSampleId :

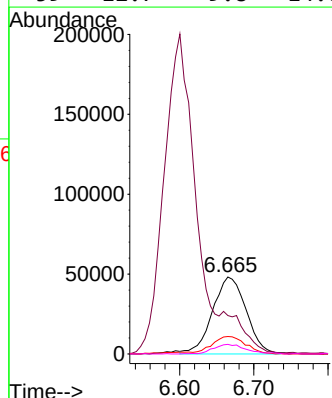
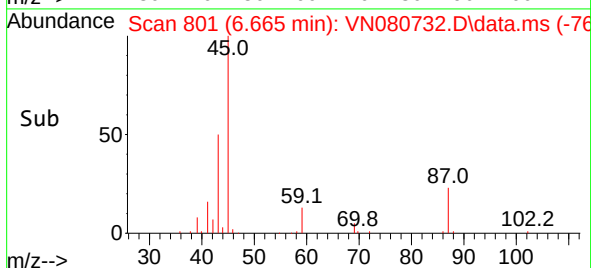
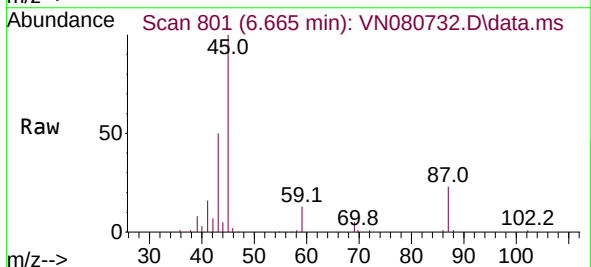


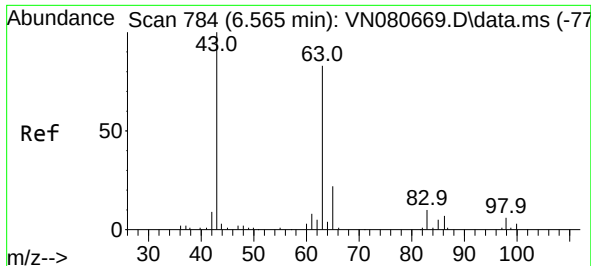
Tgt Ion: 96 Resp: 38705
Ion Ratio Lower Upper
96 100
61 144.4 111.8 167.6
98 54.1 49.2 73.8



#20
Diisopropyl ether
Concen: 19.338 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 45 Resp: 152091
Ion Ratio Lower Upper
45 100
43 49.2 40.4 60.6
87 22.6 23.8 35.8#
59 12.7 9.8 14.6

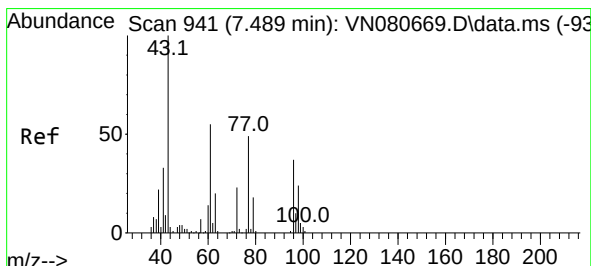
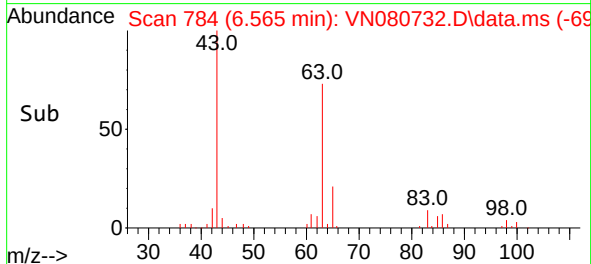
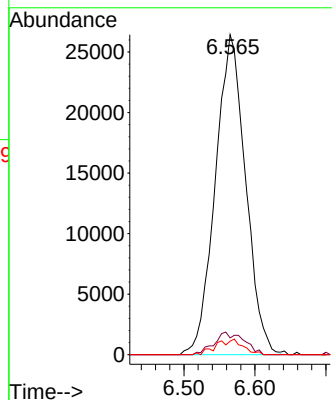
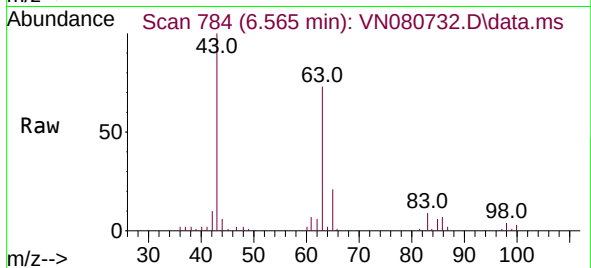




#21
1,1-Dichloroethane
Concen: 18.299 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

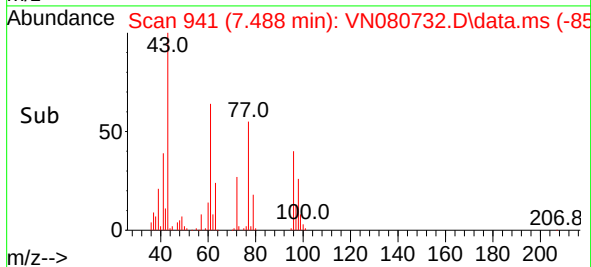
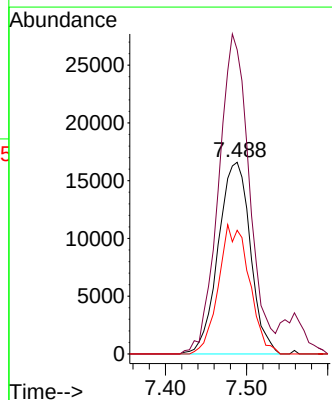
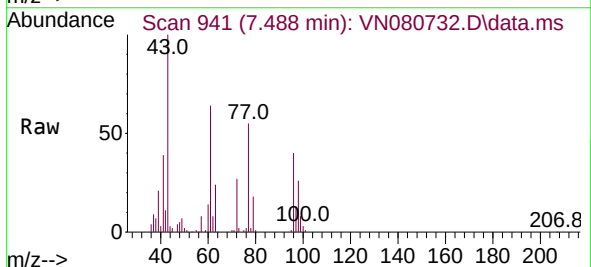
Instrument :
MSVOA_N
ClientSampleId :

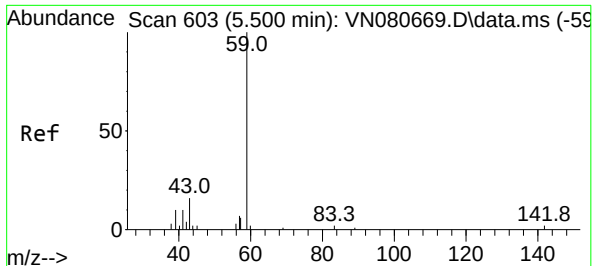
Tgt Ion: 63 Resp: 78157
Ion Ratio Lower Upper
63 100
98 5.2 4.1 12.3
100 4.2 3.0 9.0



#22
cis-1,2-Dichloroethene
Concen: 19.362 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.001 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 96 Resp: 45595
Ion Ratio Lower Upper
96 100
61 160.1 113.5 170.3
98 32.9 52.0 78.0#

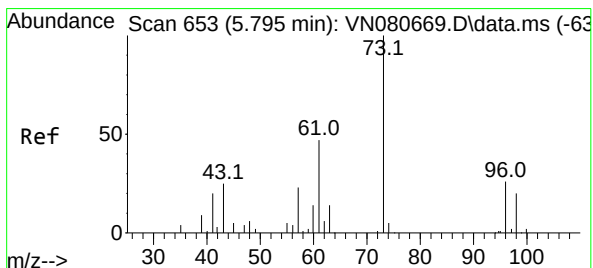
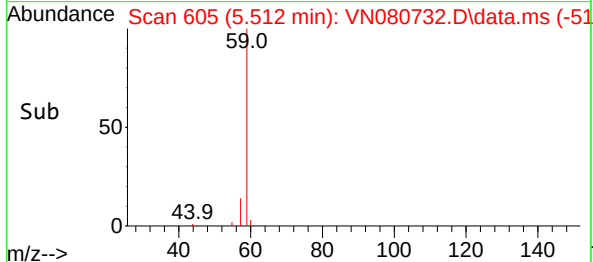
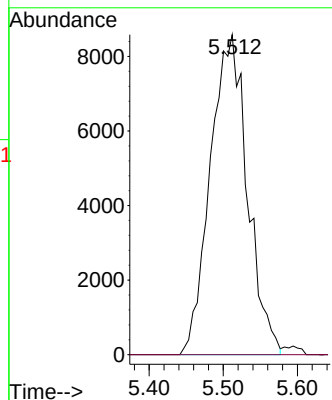
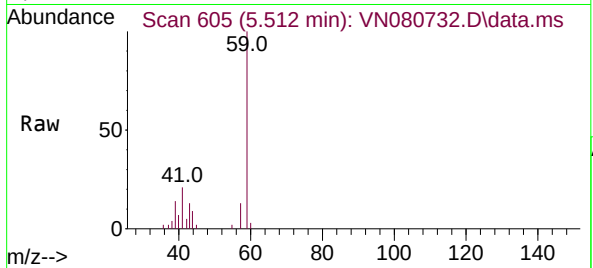




#23
tert-Butyl Alcohol
Concen: 84.730 ug/l
RT: 5.512 min Scan# 603
Delta R.T. 0.012 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

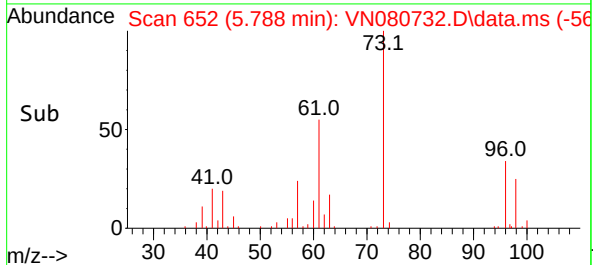
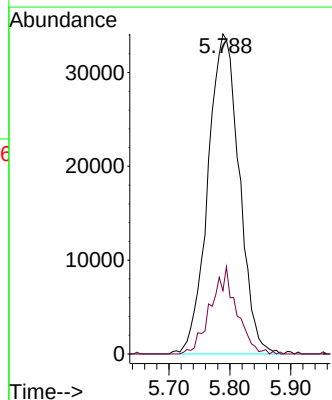
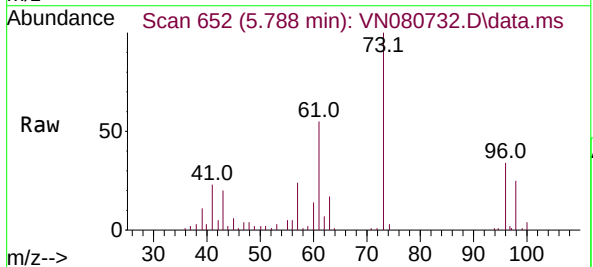
Instrument :
MSVOA_N
ClientSampleId :

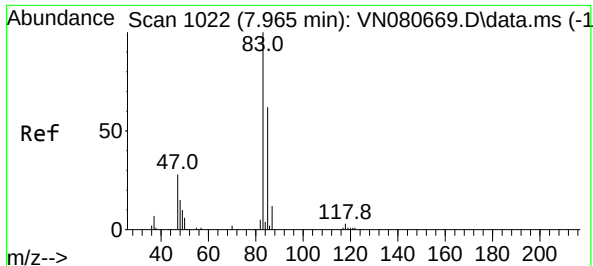
Tgt Ion: 59 Resp: 29828
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 17.553 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.007 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 73 Resp: 121513
Ion Ratio Lower Upper
73 100
43 10.5 13.4 20.2#

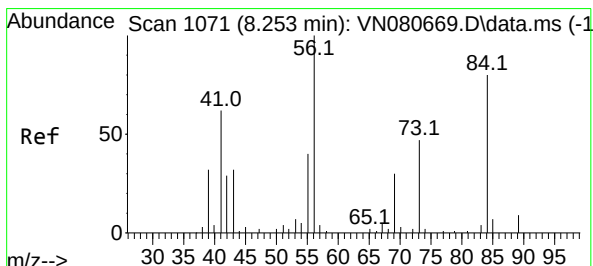
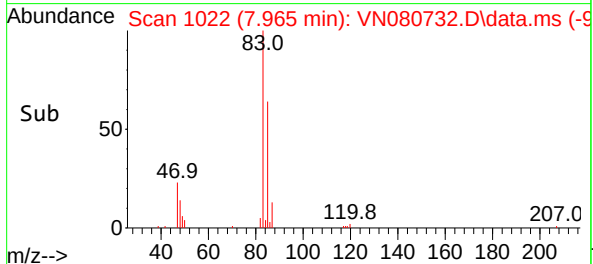
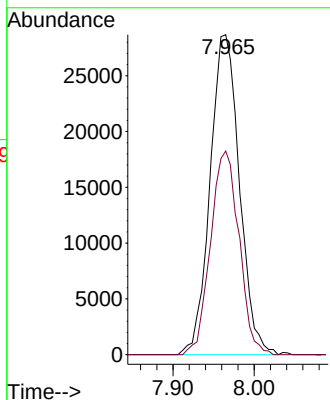
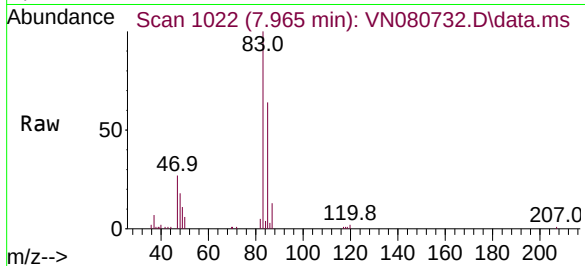




#25
Chloroform
Concen: 18.109 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

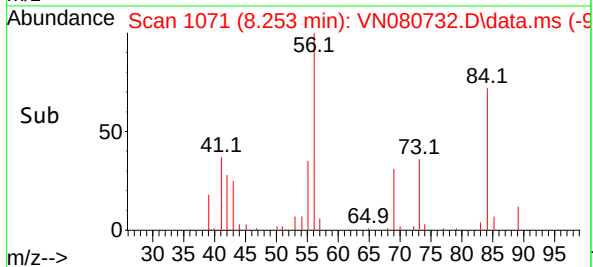
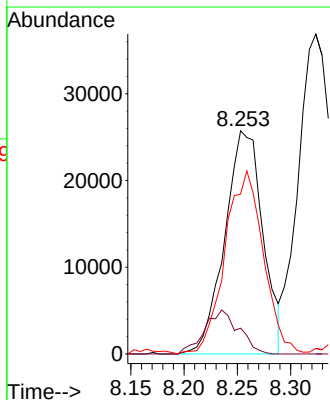
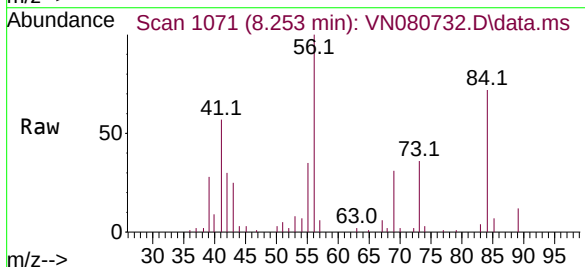
Instrument :
MSVOA_N
ClientSampleId :

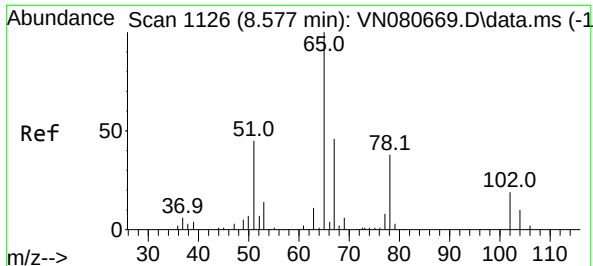
Tgt Ion: 83 Resp: 72010
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3



#26
Cyclohexane
Concen: 19.089 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 56 Resp: 64113
Ion Ratio Lower Upper
56 100
89 17.7 19.3 28.9#
84 82.0 71.3 106.9

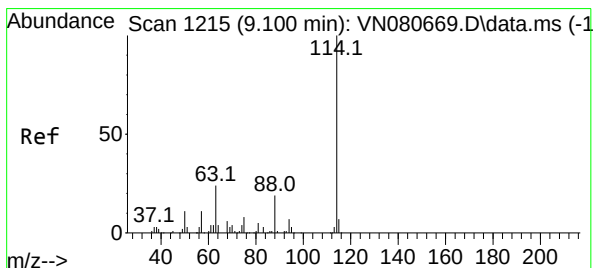
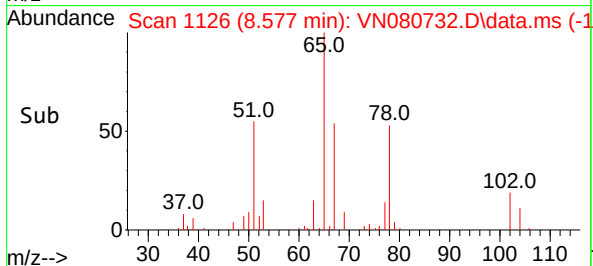
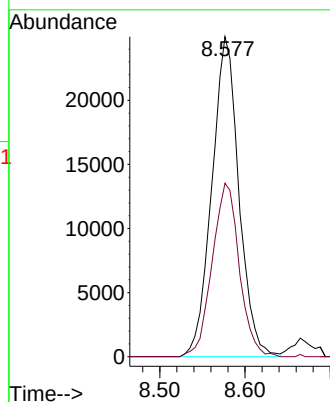
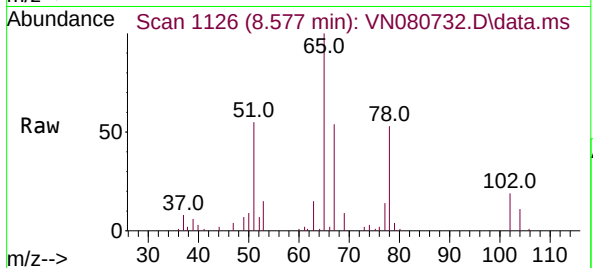




#27
1,2-Dichloroethane-d4
Concen: 29.037 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

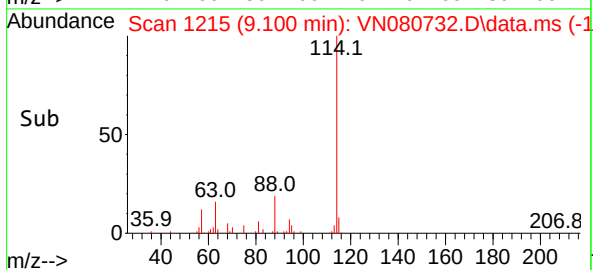
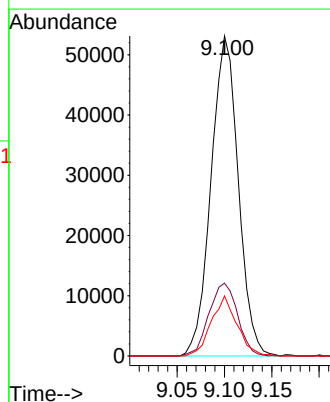
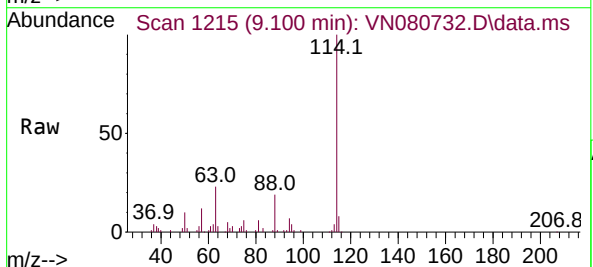
Instrument :
MSVOA_N
ClientSampleId :

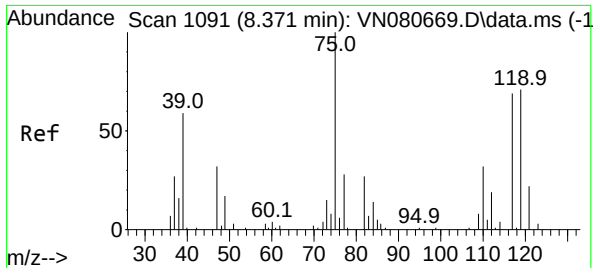
Tgt Ion: 65 Resp: 55126
Ion Ratio Lower Upper
65 100
67 54.1 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 114 Resp: 106357
Ion Ratio Lower Upper
114 100
63 23.8 15.9 23.9
88 17.7 12.7 19.1

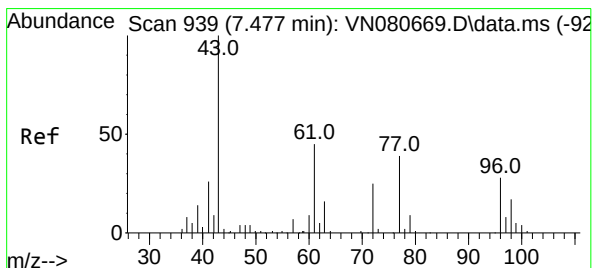
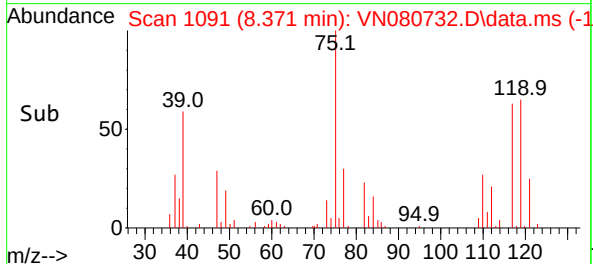
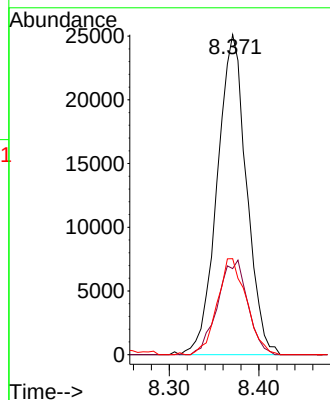
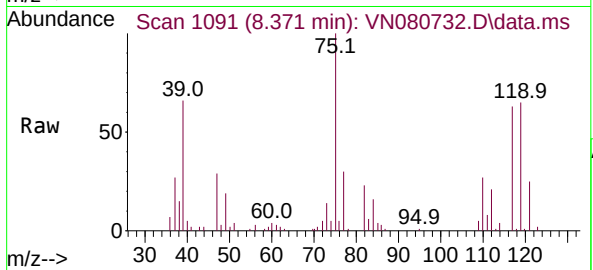




#29
1,1-Dichloropropene
Concen: 17.563 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

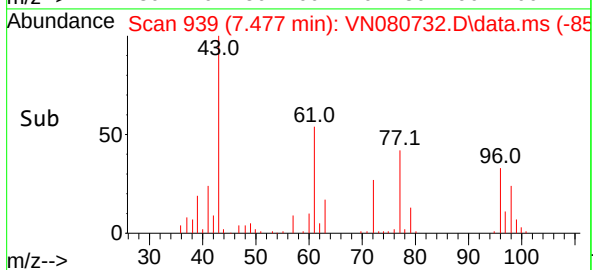
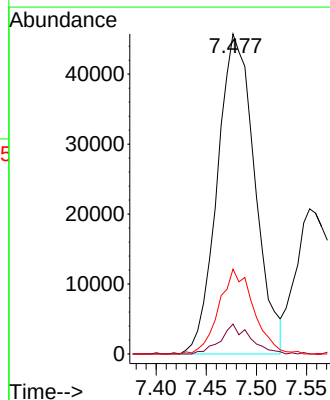
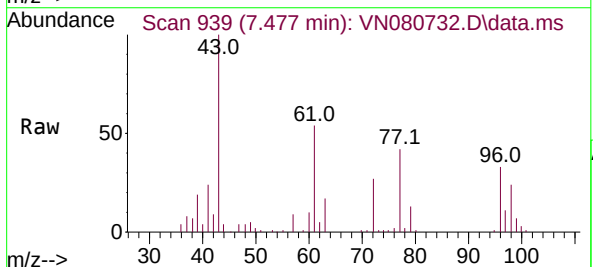
Instrument :
MSVOA_N
ClientSampleId :

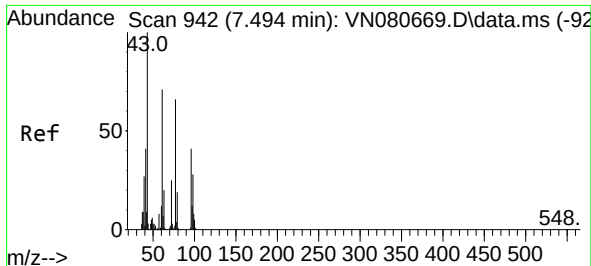
Tgt Ion: 75 Resp: 56783
Ion Ratio Lower Upper
75 100
110 30.2 0.0 70.2
77 30.0 0.0 61.4



#30
2-Butanone
Concen: 83.241 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 43 Resp: 119087
Ion Ratio Lower Upper
43 100
57 7.4 6.7 10.1
72 24.5 24.0 36.0





#31

2,2-Dichloropropane

Concen: 16.804 ug/l

RT: 7.482 min Scan# 94

Delta R.T. -0.012 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

Instrument :

MSVOA_N

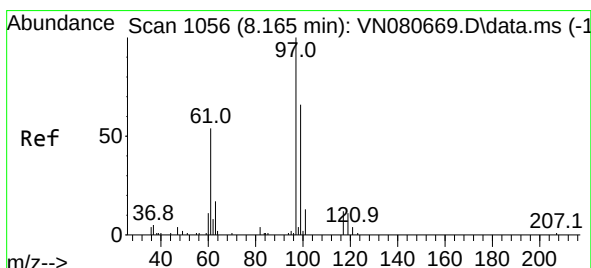
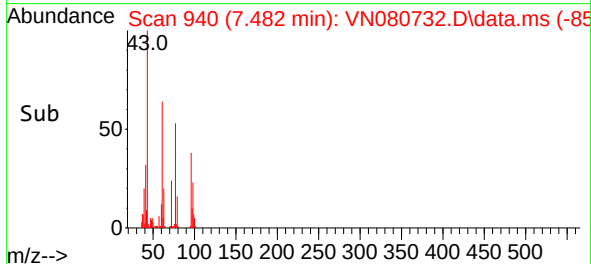
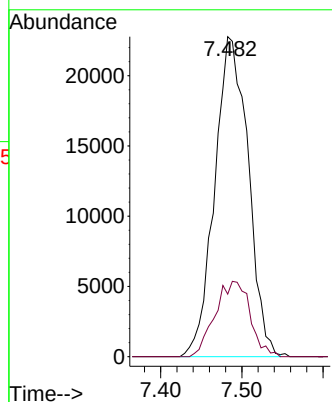
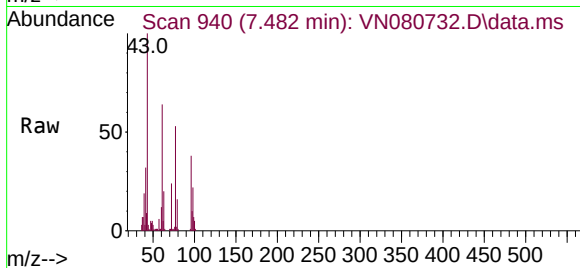
ClientSampleId :

Tgt Ion: 77 Resp: 65264

Ion Ratio Lower Upper

77 100

97 24.6 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 16.708 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

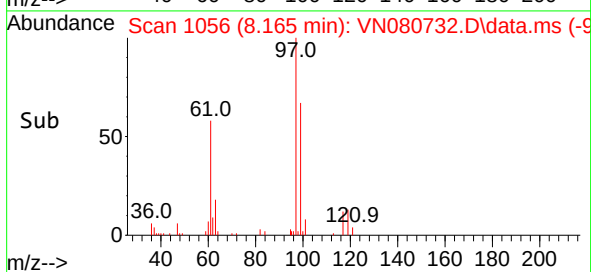
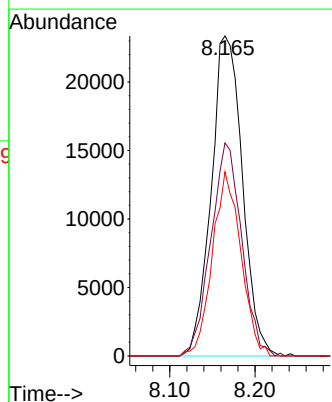
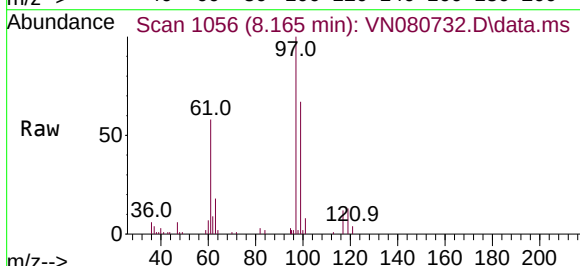
Tgt Ion: 97 Resp: 59437

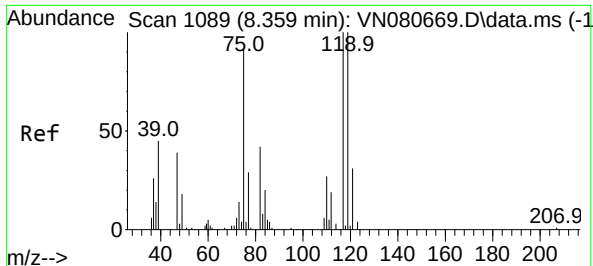
Ion Ratio Lower Upper

97 100

99 65.5 51.0 76.4

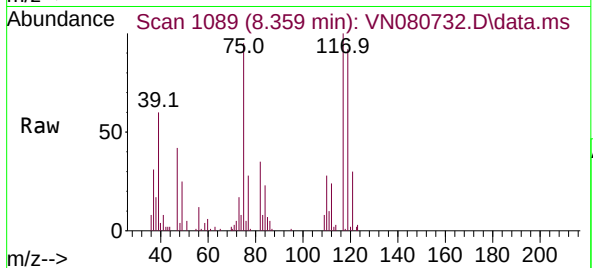
61 52.5 33.8 50.8#



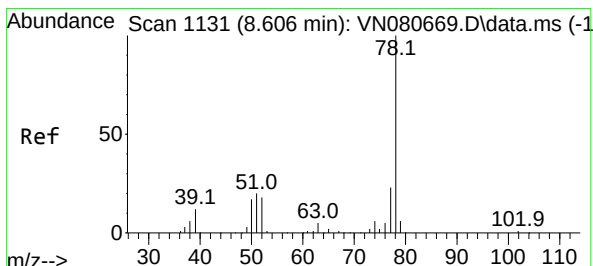
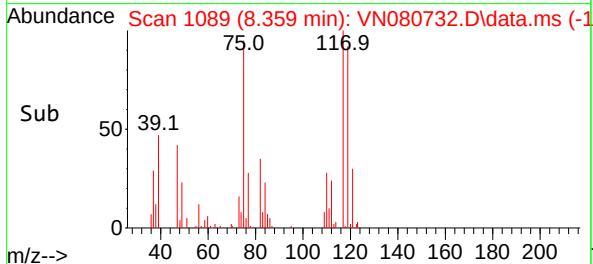
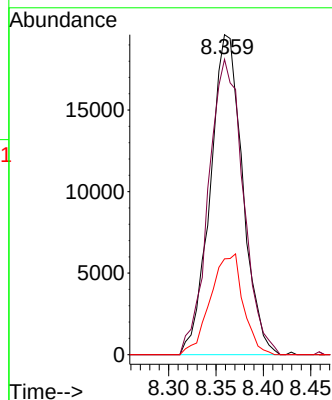


#33
Carbon Tetrachloride
Concen: 16.580 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Instrument :
MSVOA_N
ClientSampleId :

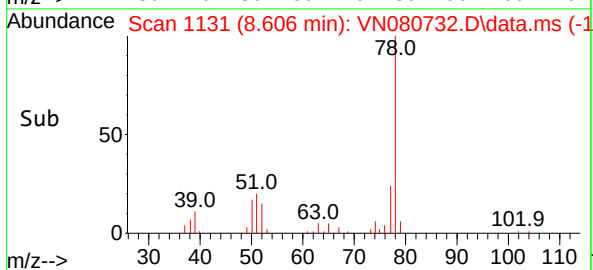
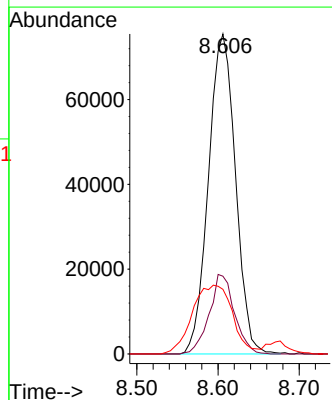
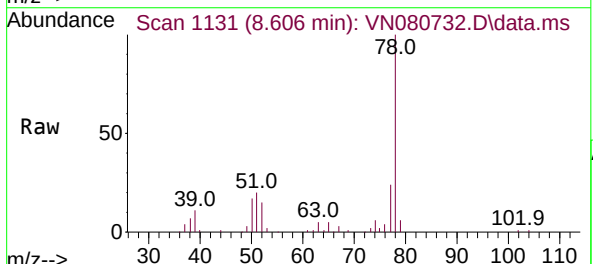


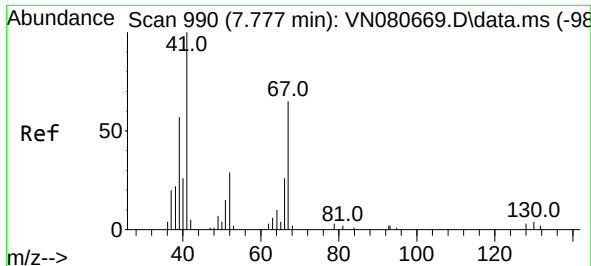
Tgt Ion:117 Resp: 46583
Ion Ratio Lower Upper
117 100
119 92.3 77.7 116.5
121 29.9 27.0 40.6



#34
Benzene
Concen: 18.207 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 78 Resp: 174594
Ion Ratio Lower Upper
78 100
77 24.3 19.2 28.8
51 16.4 13.3 19.9



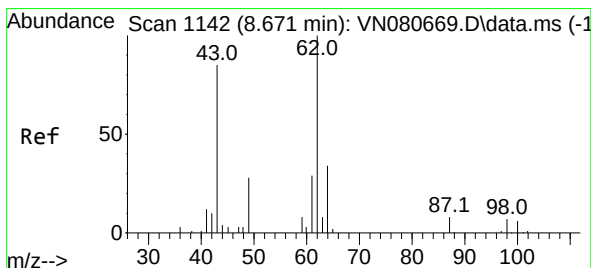
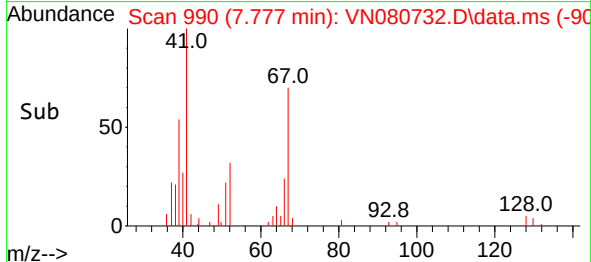
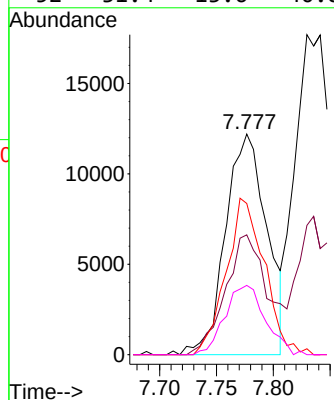
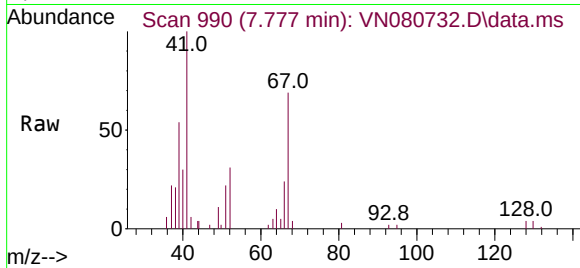


#35
Methacrylonitrile
Concen: 17.189 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 30858

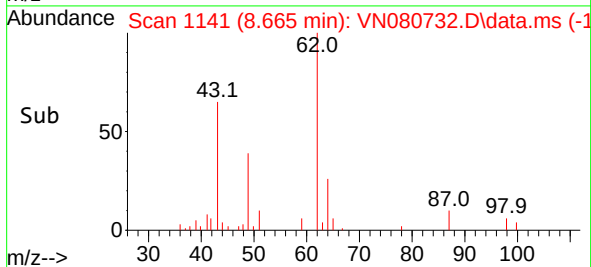
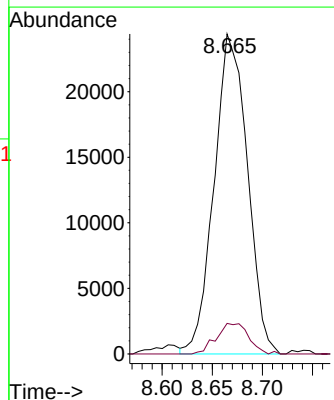
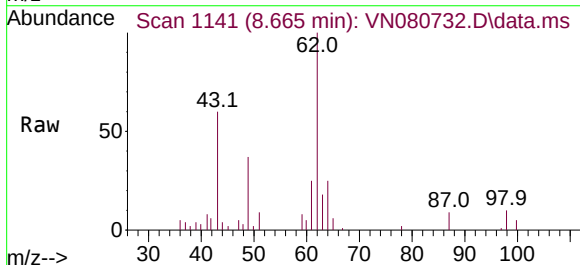
Ion	Ratio	Lower	Upper
41	100		
39	54.3	25.3	75.9
67	68.5	38.7	116.1
52	31.4	13.6	40.8

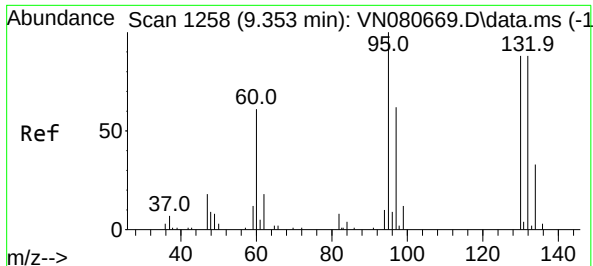


#36
1,2-Dichloroethane
Concen: 15.983 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 62 Resp: 56357

Ion	Ratio	Lower	Upper
62	100		
98	9.2	8.2	12.4





#37

Trichloroethene

Concen: 17.561 ug/l

RT: 9.347 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

Instrument :

MSVOA_N

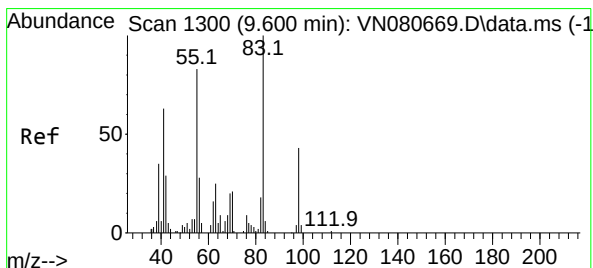
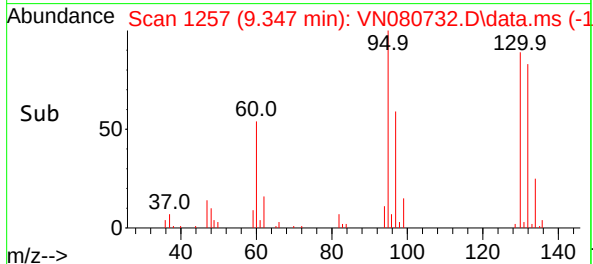
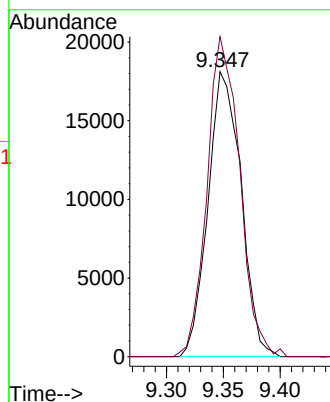
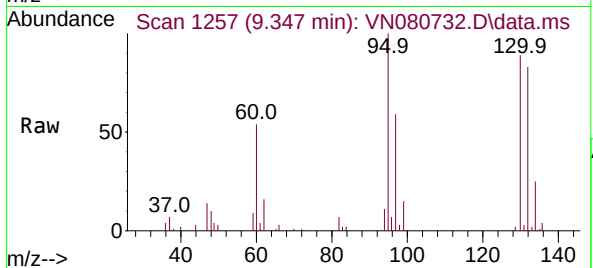
ClientSampleId :

Tgt Ion:130 Resp: 36728

Ion Ratio Lower Upper

130 100

95 110.7 80.2 120.4



#38

Methylcyclohexane

Concen: 18.534 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

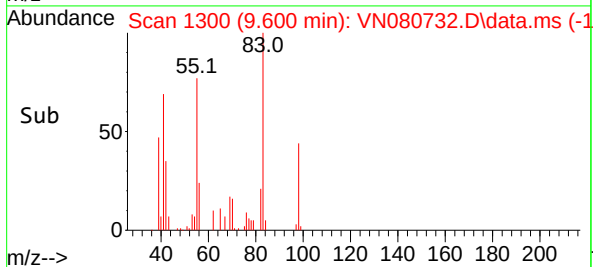
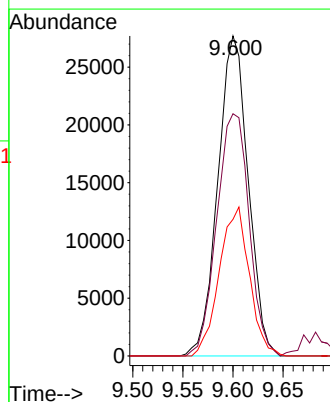
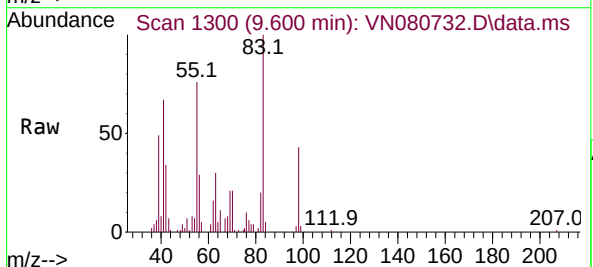
Tgt Ion: 83 Resp: 58375

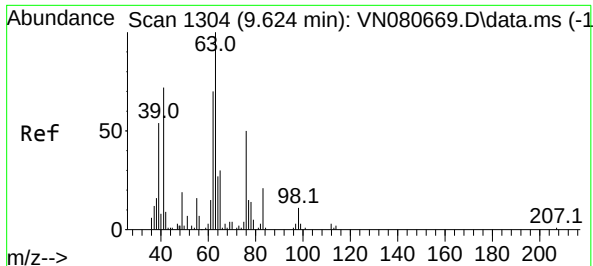
Ion Ratio Lower Upper

83 100

55 80.6 36.6 109.9

98 46.1 23.8 71.5





#39

1,2-Dichloropropane

Concen: 19.025 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

Instrument :

MSVOA_N

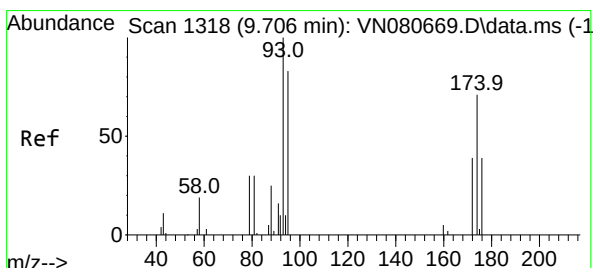
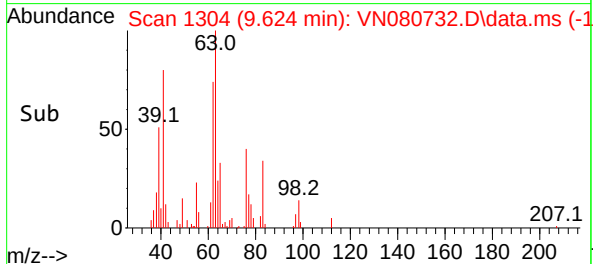
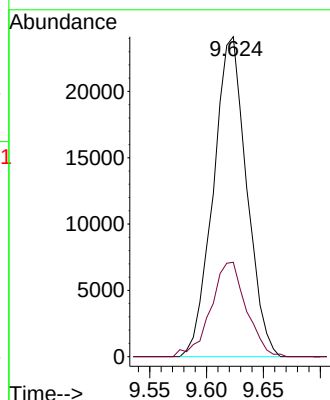
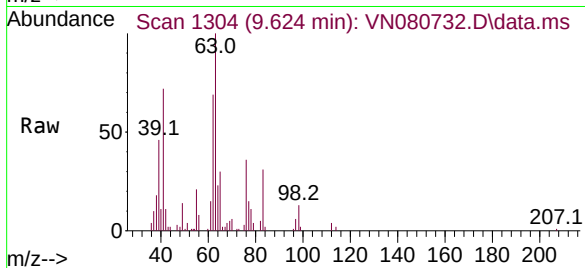
ClientSampleId :

Tgt Ion: 63 Resp: 49175

Ion Ratio Lower Upper

63 100

65 28.7 25.0 37.4



#40

Dibromomethane

Concen: 17.168 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

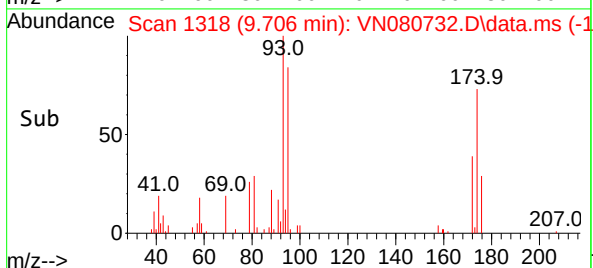
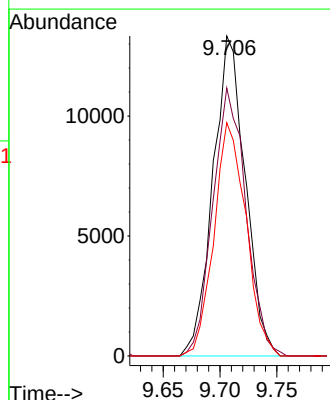
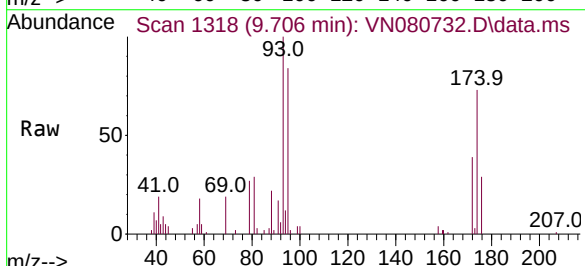
Tgt Ion: 93 Resp: 26402

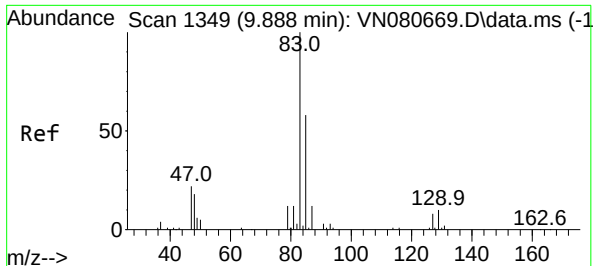
Ion Ratio Lower Upper

93 100

95 85.8 0.0 164.6

174 72.1 0.0 193.2

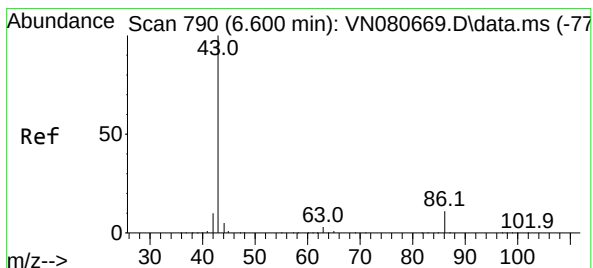
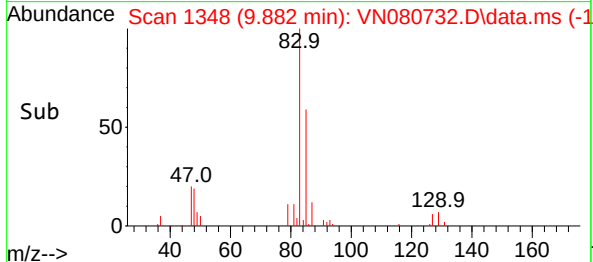
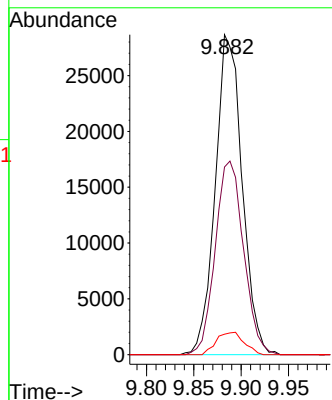
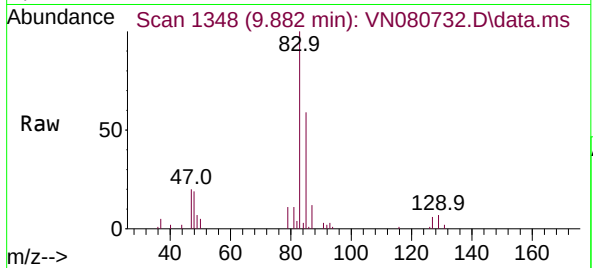




#41
Bromodichloromethane
Concen: 16.826 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

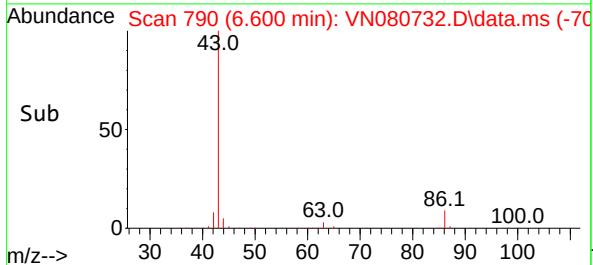
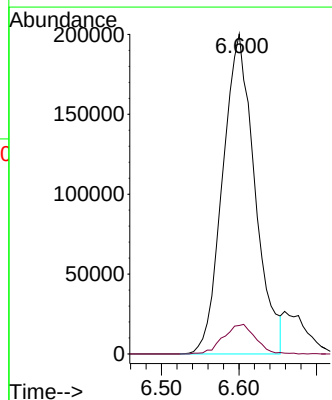
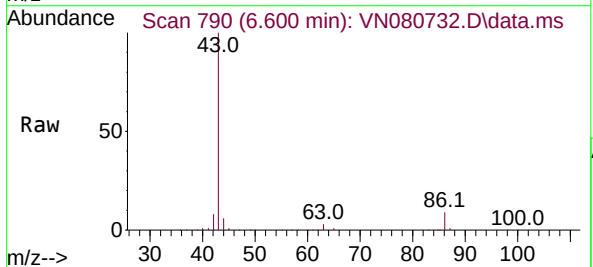
Instrument :
MSVOA_N
ClientSampleId :

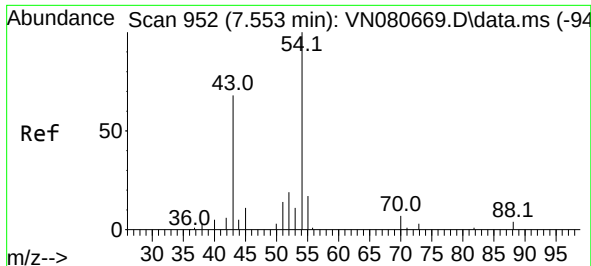
Tgt Ion: 83 Resp: 56627
Ion Ratio Lower Upper
83 100
85 58.6 49.4 74.2
127 6.4 7.3 10.9#



#42
Vinyl Acetate
Concen: 86.948 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 43 Resp: 578142
Ion Ratio Lower Upper
43 100
86 9.2 9.4 14.2#

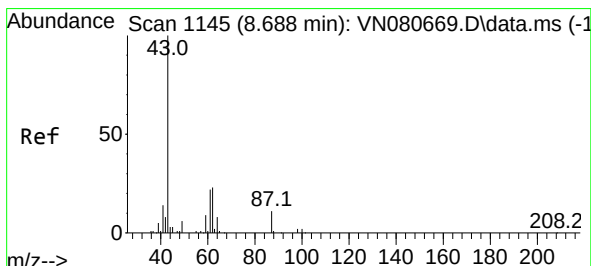
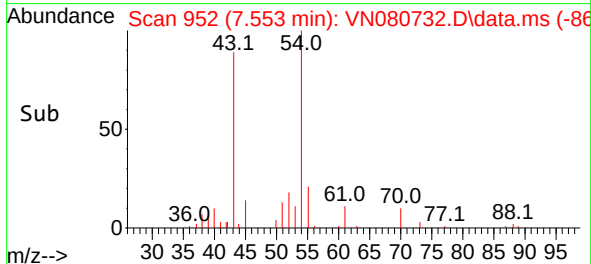
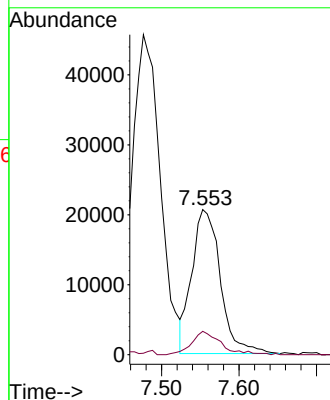
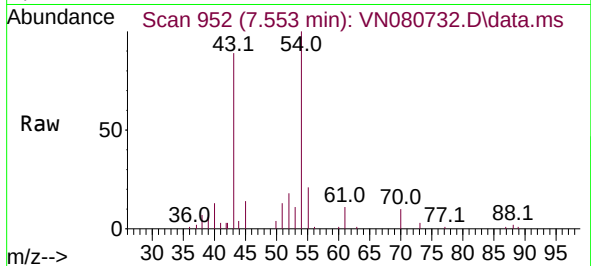




#43
Ethyl Acetate
Concen: 17.551 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

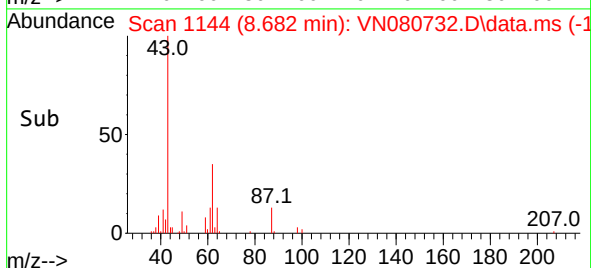
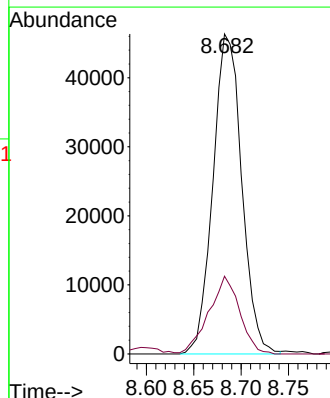
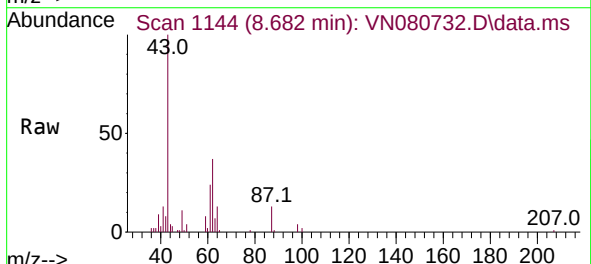
Instrument :
MSVOA_N
ClientSampleId :

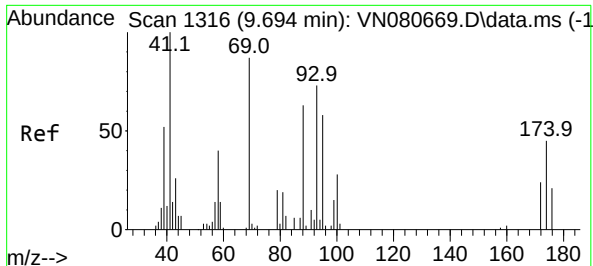
Tgt Ion: 43 Resp: 52725
Ion Ratio Lower Upper
43 100
45 15.1 10.6 15.8



#44
Isopropyl Acetate
Concen: 17.087 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 43 Resp: 97985
Ion Ratio Lower Upper
43 100
61 25.9 25.0 37.4

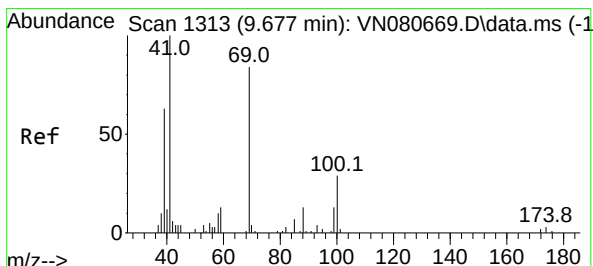
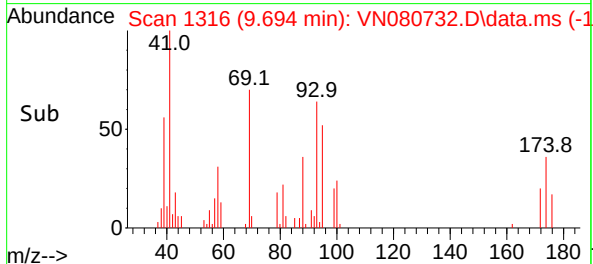
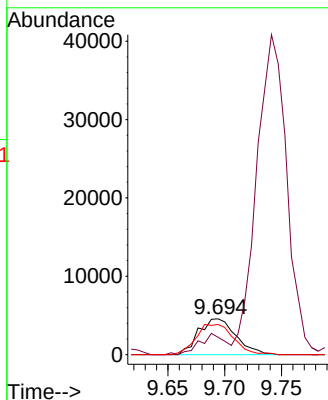
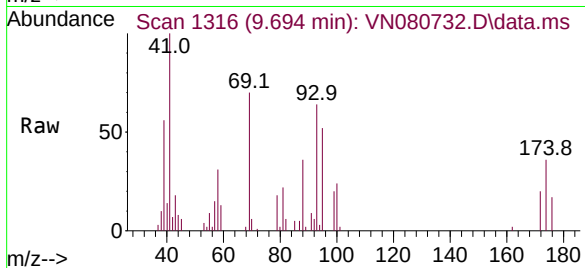




#45
1,4-Dioxane
Concen: 322.463 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

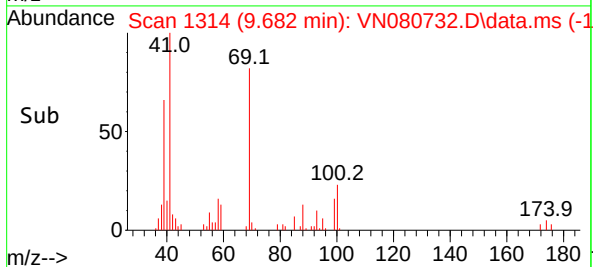
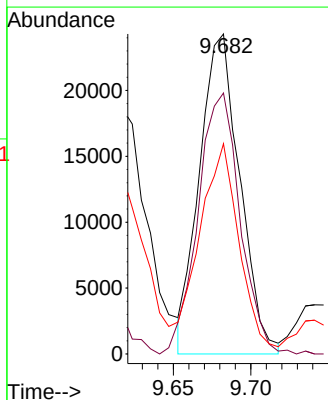
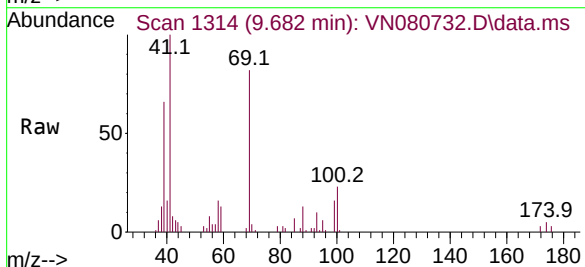
Instrument :
MSVOA_N
ClientSampleId :

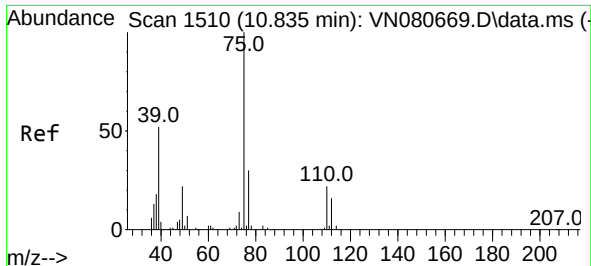
Tgt Ion: 88 Resp: 10517
Ion Ratio Lower Upper
88 100
43 40.2 19.8 29.6#
58 83.6 55.4 83.0#



#46
Methyl methacrylate
Concen: 16.271 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.005 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 41 Resp: 43936
Ion Ratio Lower Upper
41 100
69 83.5 51.1 153.3
39 65.6 25.8 77.3

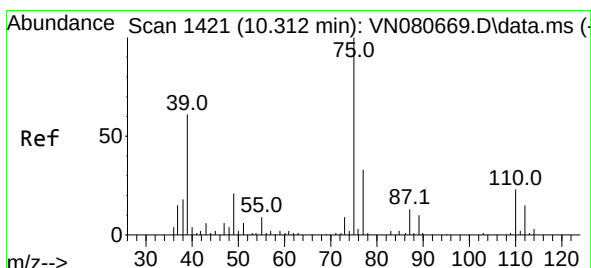
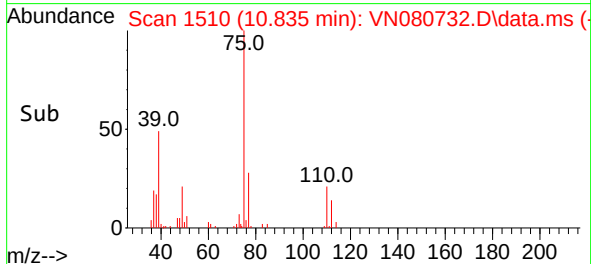
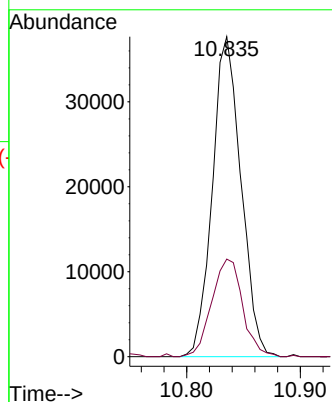
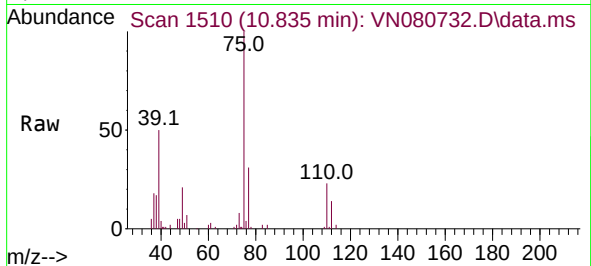




#48
t-1,3-Dichloropropene
Concen: 16.622 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

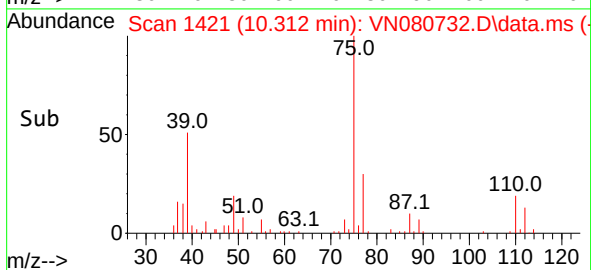
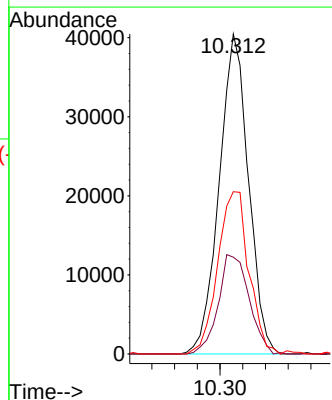
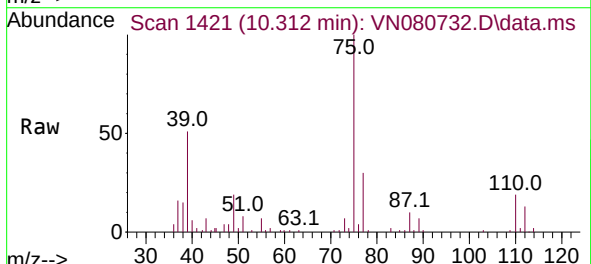
Instrument :
MSVOA_N
ClientSampleId :

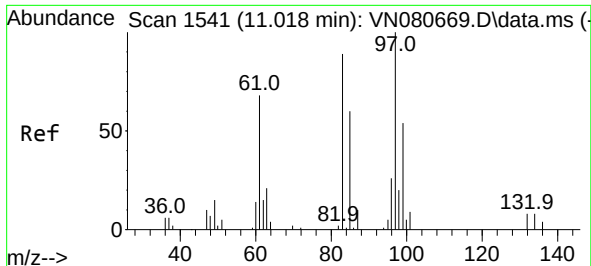
Tgt Ion: 75 Resp: 65914
Ion Ratio Lower Upper
75 100
77 30.5 23.8 35.6



#49
cis-1,3-Dichloropropene
Concen: 17.211 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

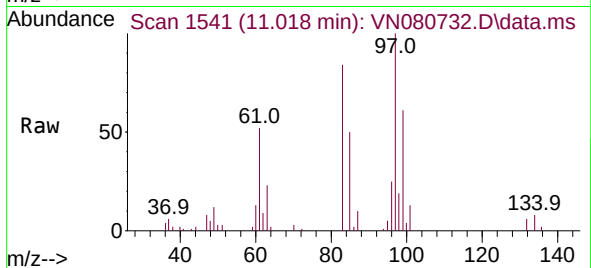
Tgt Ion: 75 Resp: 72438
Ion Ratio Lower Upper
75 100
77 30.3 24.9 37.3
39 50.7 31.0 46.6#





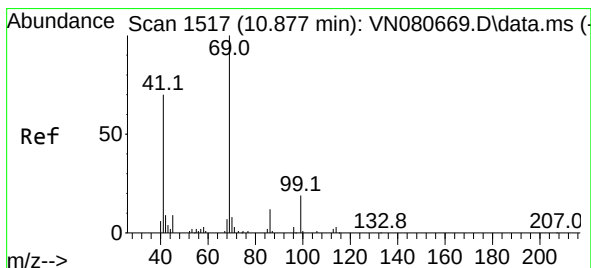
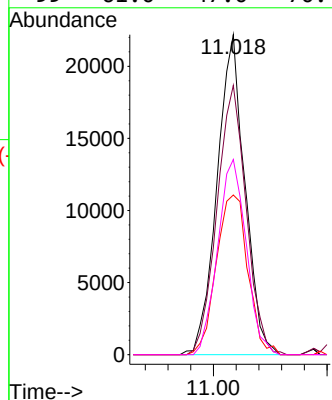
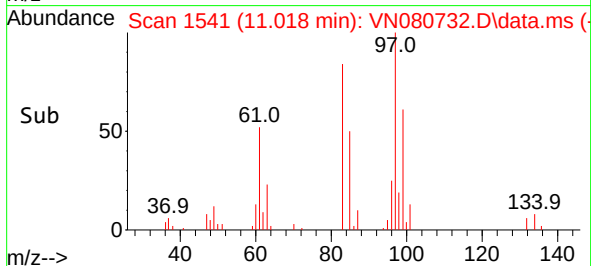
#50
1,1,2-Trichloroethane
Concen: 17.882 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Instrument :
MSVOA_N
ClientSampleId :

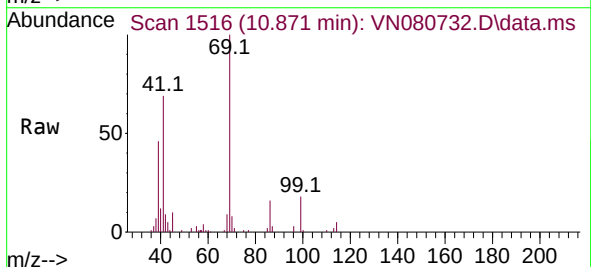


Tgt Ion: 97 Resp: 37768

Ion	Ratio	Lower	Upper
97	100		
83	84.2	68.1	102.1
85	49.9	41.8	62.6
99	61.0	47.0	70.4

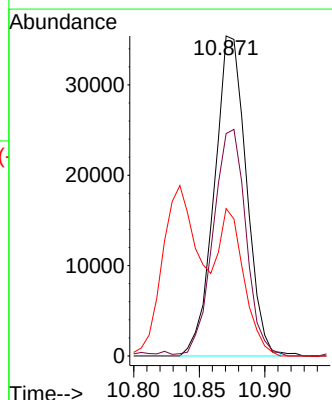
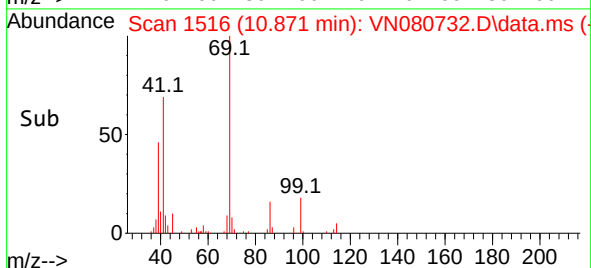


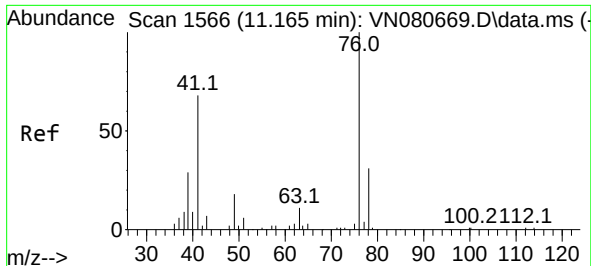
#51
Ethyl methacrylate
Concen: 16.412 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.007 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44



Tgt Ion: 69 Resp: 59921

Ion	Ratio	Lower	Upper
69	100		
41	68.8	25.5	76.5
39	46.1	16.0	47.9





#52

1,3-Dichloropropane

Concen: 17.416 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

Instrument :

MSVOA_N

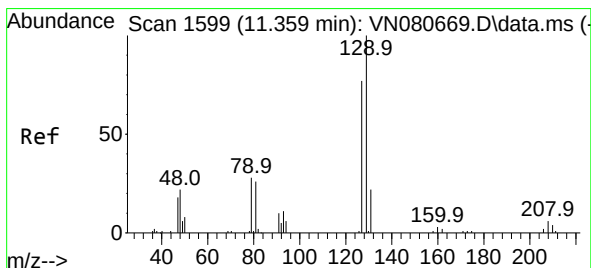
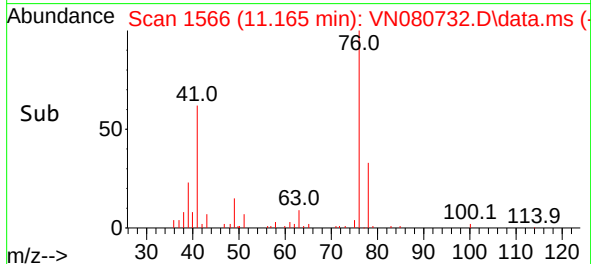
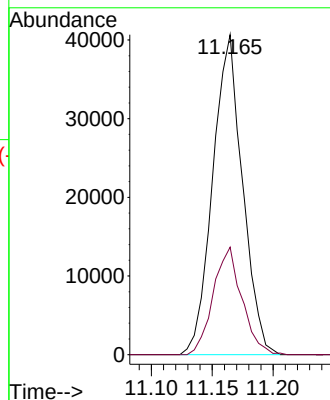
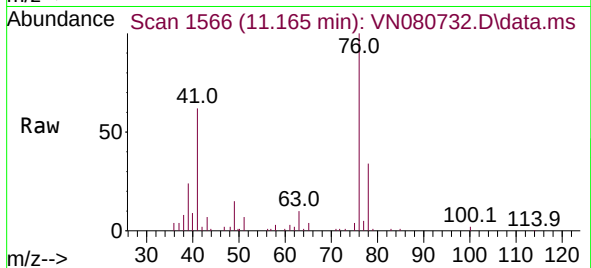
ClientSampleId :

Tgt Ion: 76 Resp: 69246

Ion Ratio Lower Upper

76 100

78 32.3 0.0 65.8



#53

Dibromochloromethane

Concen: 17.099 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN080732.D

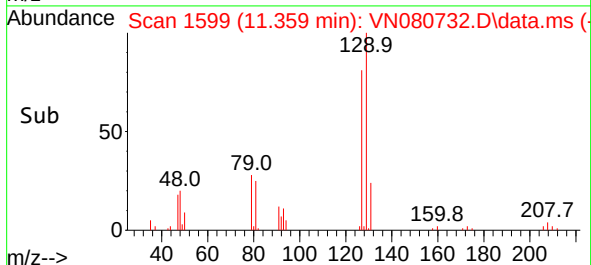
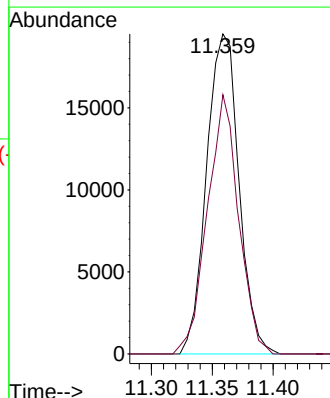
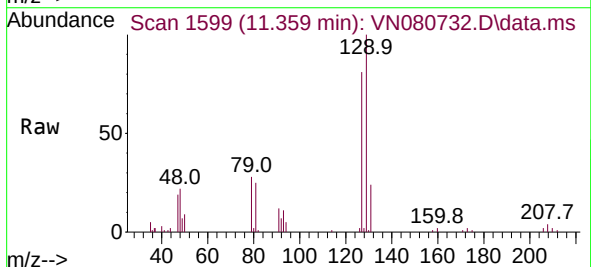
Acq: 22 Jan 2024 11:44

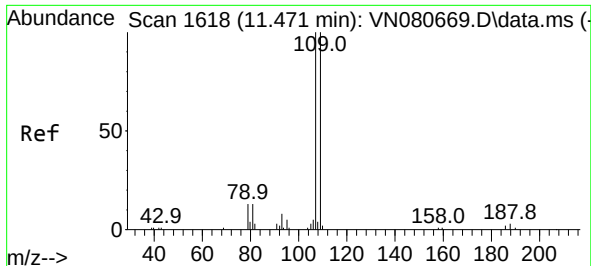
Tgt Ion:129 Resp: 36138

Ion Ratio Lower Upper

129 100

127 78.0 39.4 118.1

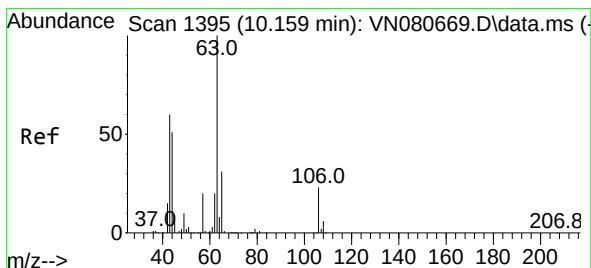
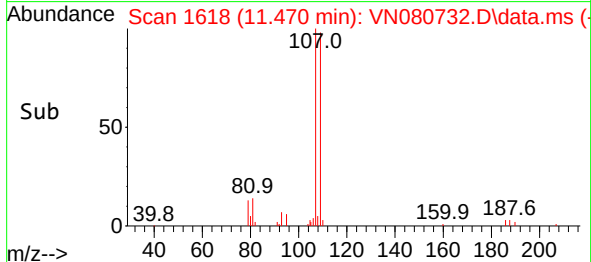
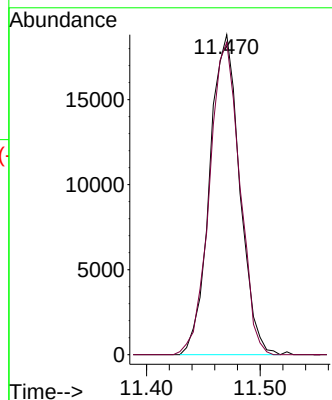
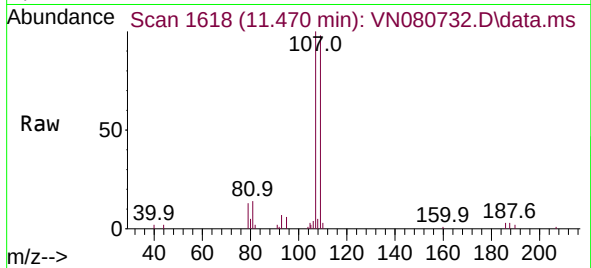




#54
1,2-Dibromoethane
Concen: 16.655 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.001 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

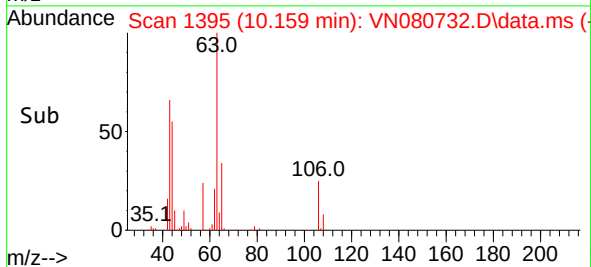
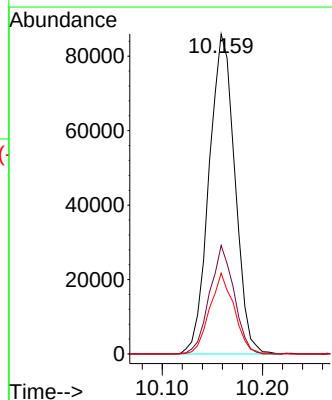
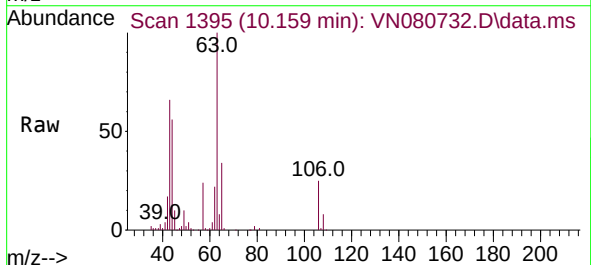
Instrument :
MSVOA_N
ClientSampleId :

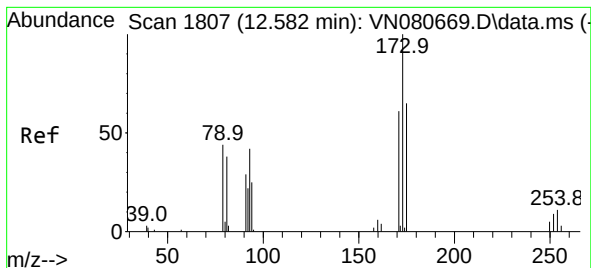
Tgt Ion:107 Resp: 34577
Ion Ratio Lower Upper
107 100
109 98.2 74.7 112.1



#55
2-Chloroethyl vinyl ether
Concen: 81.975 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 63 Resp: 153834
Ion Ratio Lower Upper
63 100
65 32.2 26.2 39.2
106 23.9 23.8 35.8





#56

Bromoform

Concen: 16.325 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

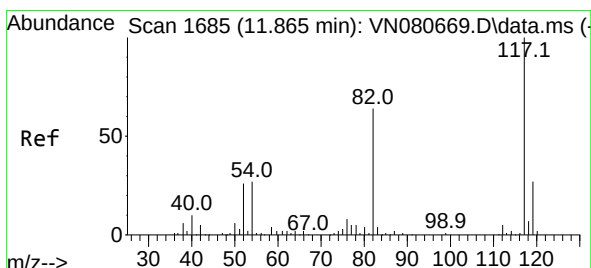
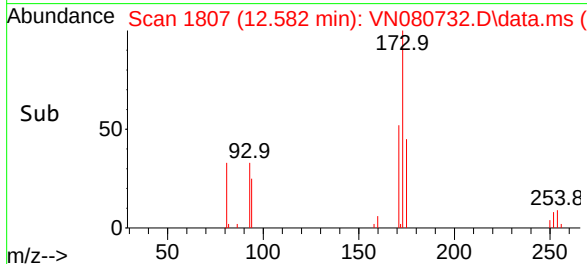
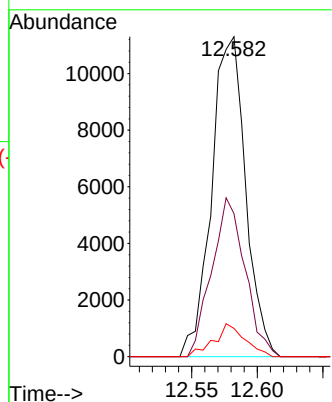
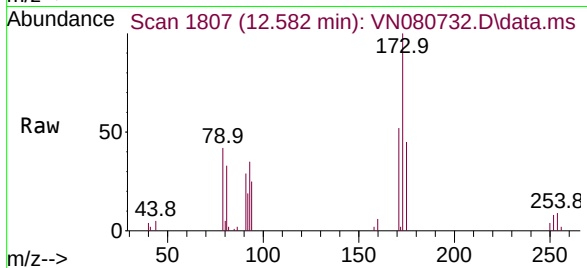
Tgt Ion:173 Resp: 20381

Ion Ratio Lower Upper

173 100

175 48.6 40.0 60.0

254 9.4 8.3 12.5



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

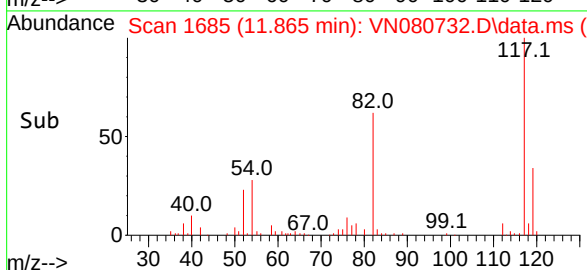
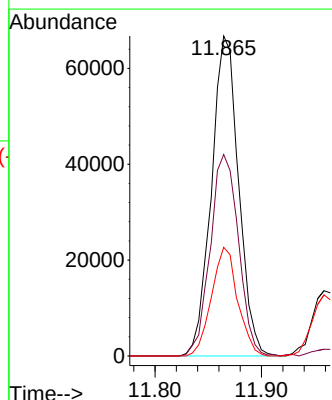
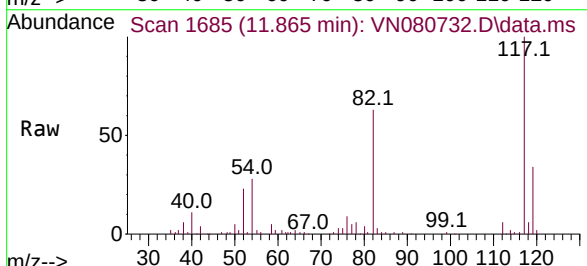
Tgt Ion:117 Resp: 118322

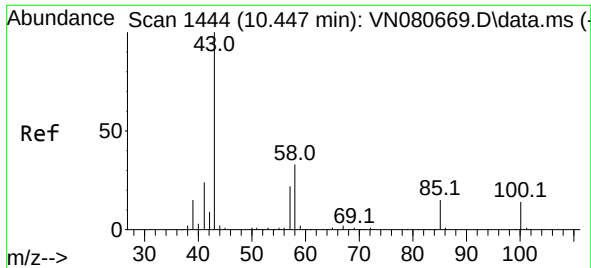
Ion Ratio Lower Upper

117 100

82 65.4 46.6 69.8

119 32.7 25.4 38.2

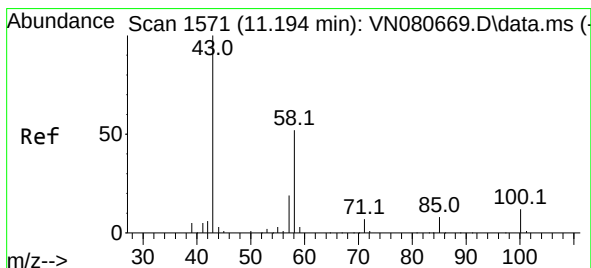
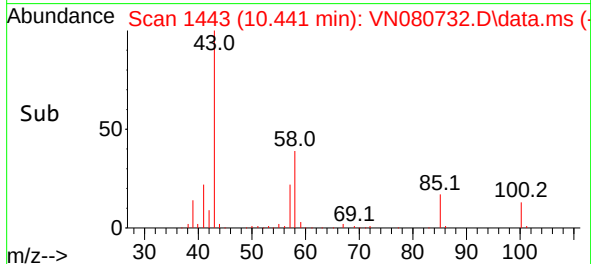
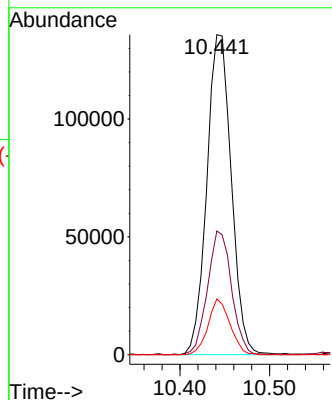
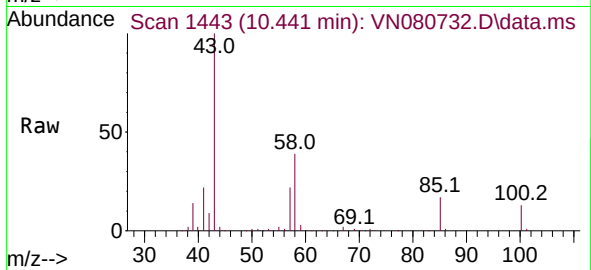




#58
4-Methyl-2-Pentanone
Concen: 82.694 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

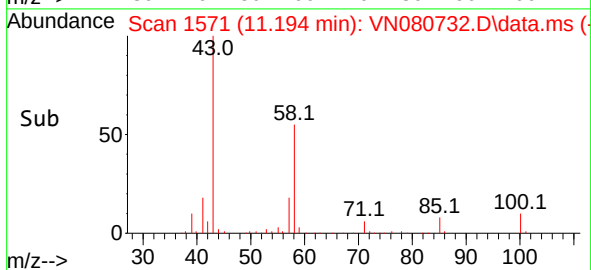
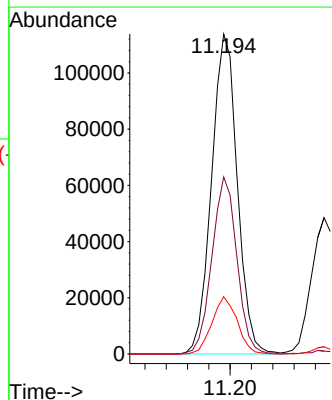
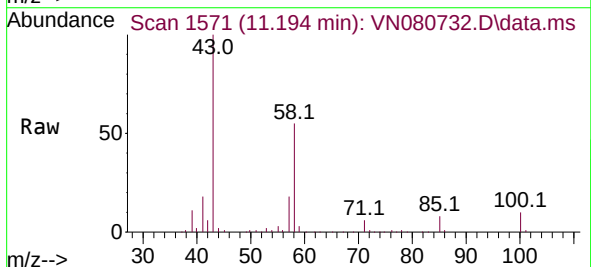
Instrument :
MSVOA_N
ClientSampleId :

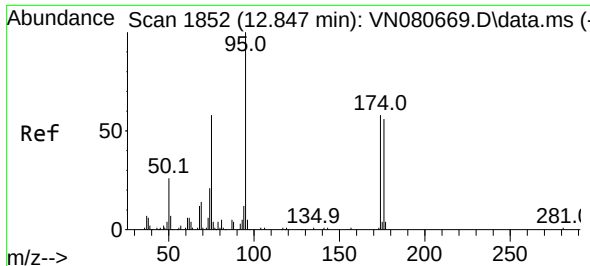
Tgt Ion: 43 Resp: 257392
Ion Ratio Lower Upper
43 100
58 37.9 36.5 54.7
85 15.6 19.5 29.3#



#59
2-Hexanone
Concen: 82.002 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 43 Resp: 190568
Ion Ratio Lower Upper
43 100
58 53.6 50.4 75.6
57 17.5 18.6 27.8#

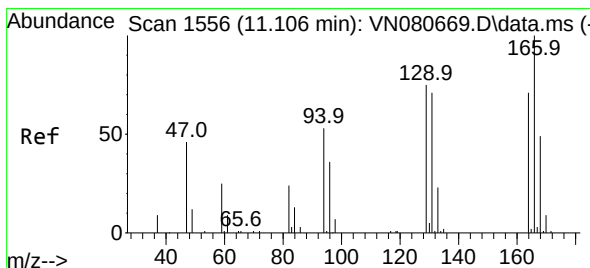
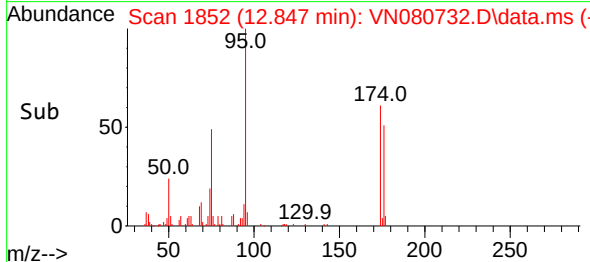
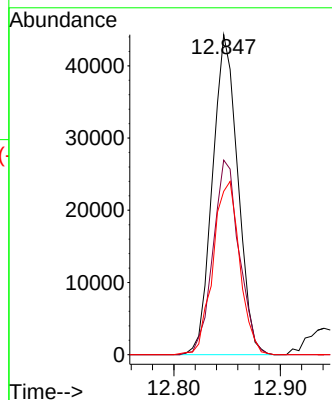
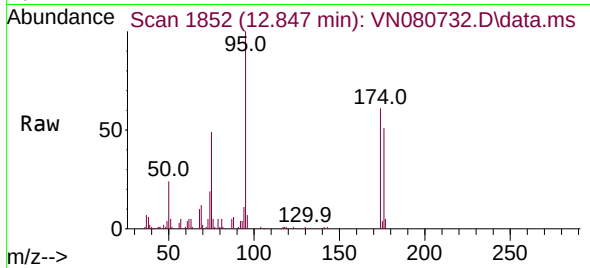




#60
4-Bromofluorobenzene
Concen: 27.899 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

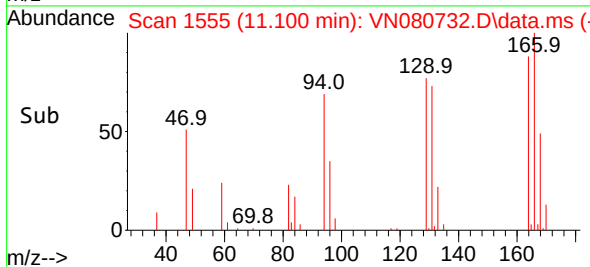
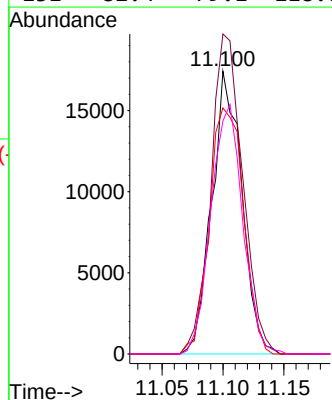
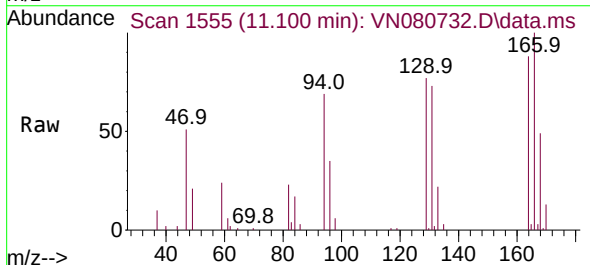
Instrument :
MSVOA_N
ClientSampleId :

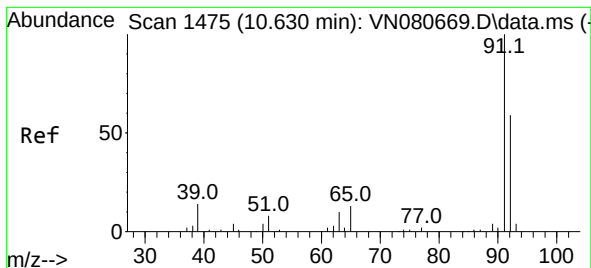
Tgt Ion: 95 Resp: 73025
Ion Ratio Lower Upper
95 100
174 62.9 60.5 90.7
176 57.2 57.8 86.6#



#61
Tetrachloroethene
Concen: 18.951 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion:164 Resp: 29849
Ion Ratio Lower Upper
164 100
166 113.2 106.7 160.1
129 87.0 85.8 128.6
131 82.4 79.1 118.7





#62

Toluene

Concen: 18.026 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.001 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

Instrument :

MSVOA_N

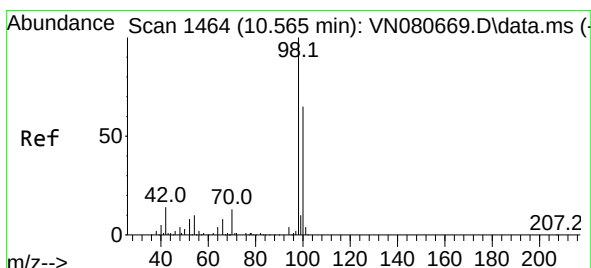
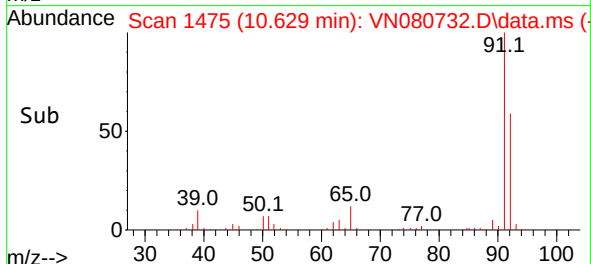
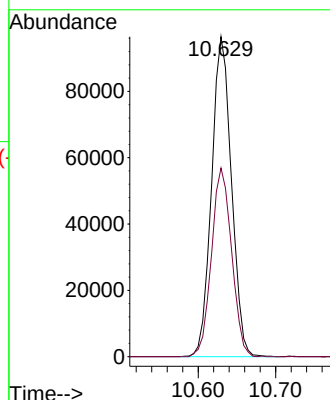
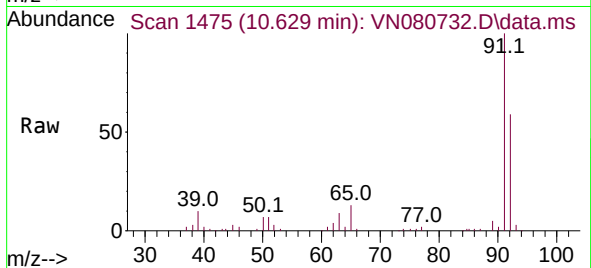
ClientSampleId :

Tgt Ion: 91 Resp: 171547

Ion Ratio Lower Upper

91 100

92 59.6 46.5 69.7



#63

Toluene-d8

Concen: 30.648 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN080732.D

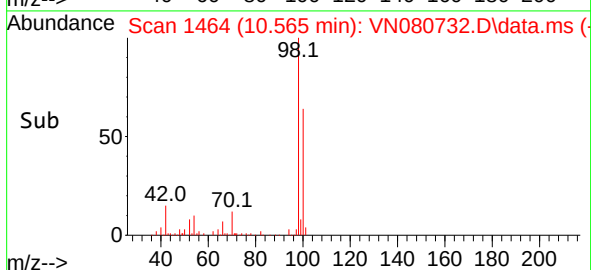
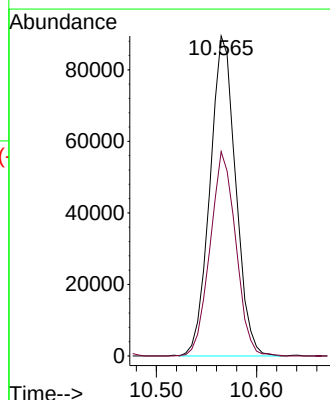
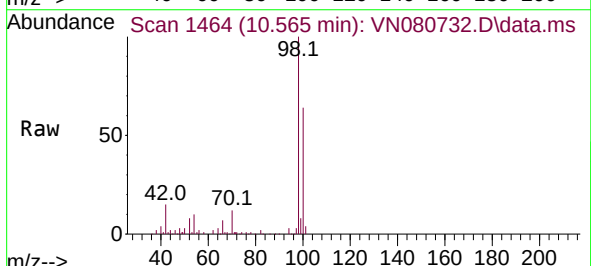
Acq: 22 Jan 2024 11:44

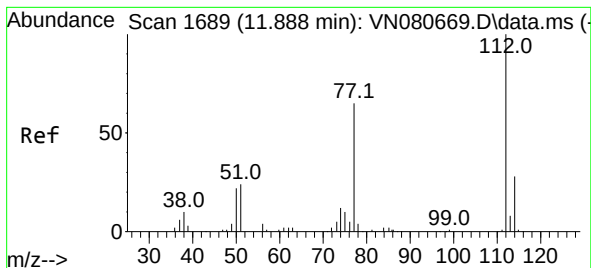
Tgt Ion: 98 Resp: 159151

Ion Ratio Lower Upper

98 100

100 63.8 52.7 79.1





#64

Chlorobenzene

Concen: 18.448 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

Instrument :

MSVOA_N

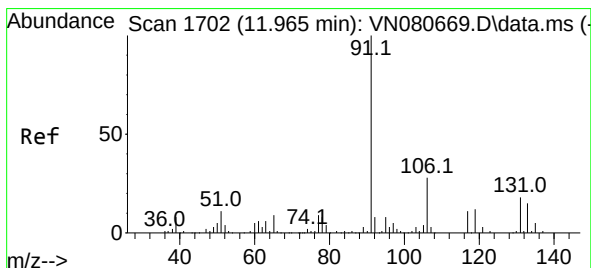
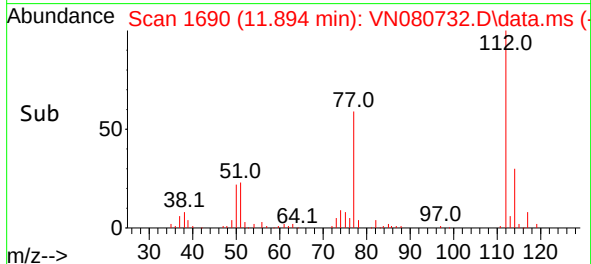
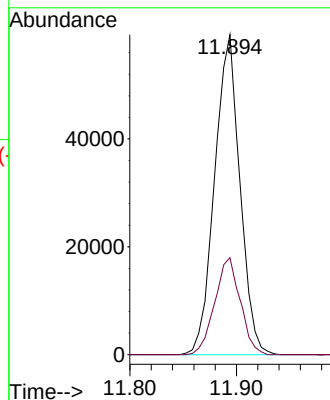
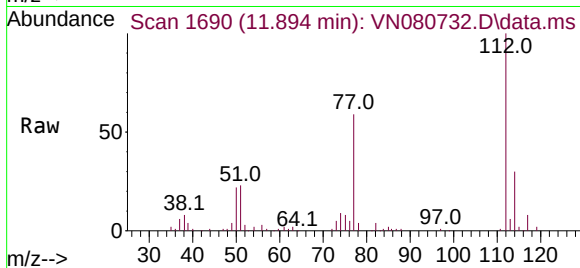
ClientSampleId :

Tgt Ion:112 Resp: 97788

Ion Ratio Lower Upper

112 100

114 30.3 26.6 39.8



#65

1,1,1,2-Tetrachloroethane

Concen: 18.067 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

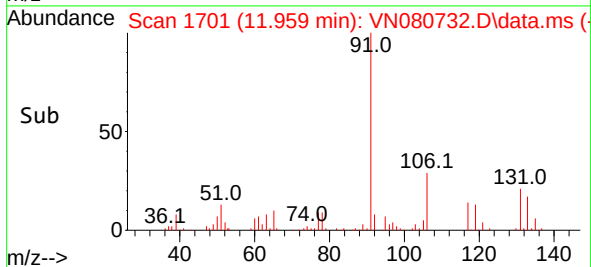
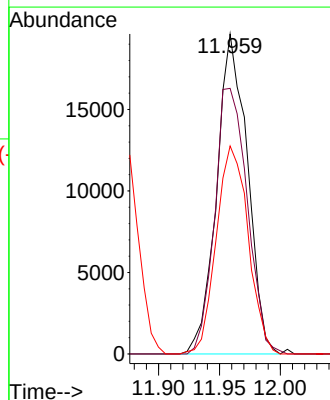
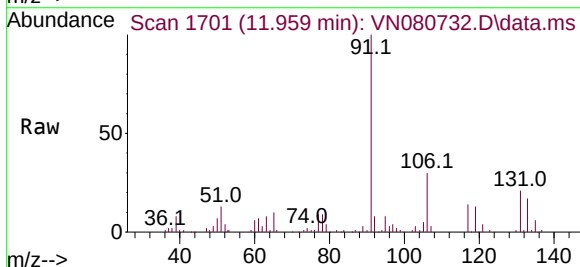
Tgt Ion:131 Resp: 34408

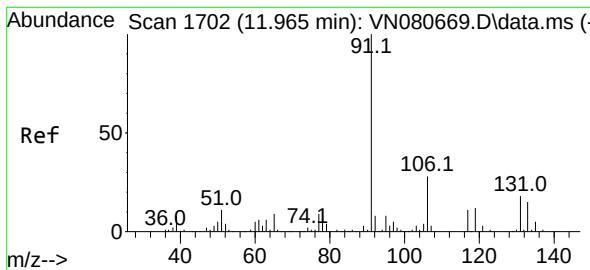
Ion Ratio Lower Upper

131 100

133 88.4 0.0 188.0

119 67.7 0.0 122.8

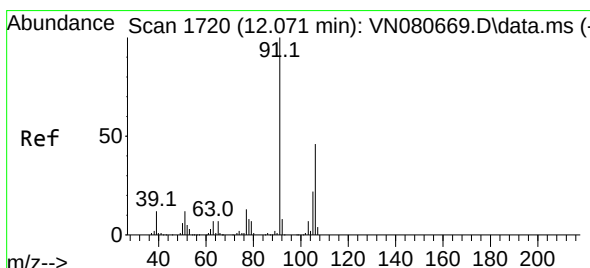
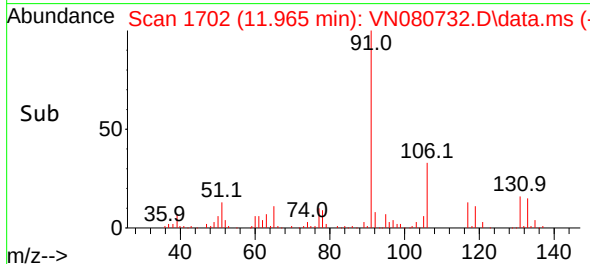
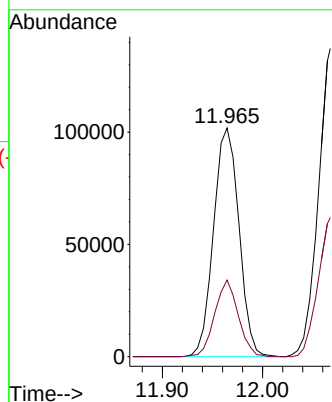
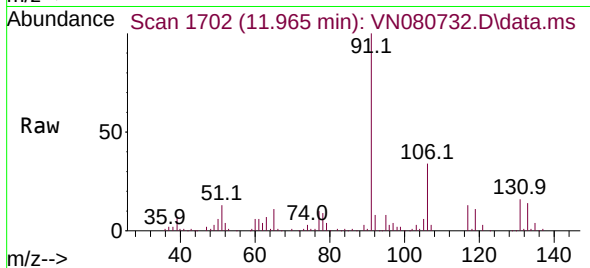




#66
Ethyl Benzene
Concen: 17.916 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

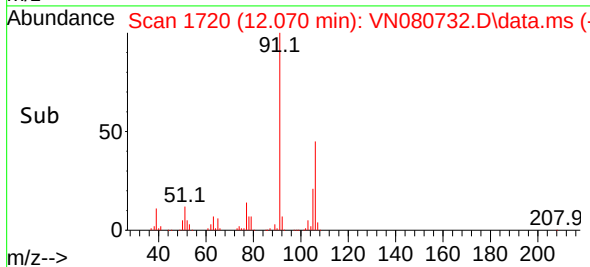
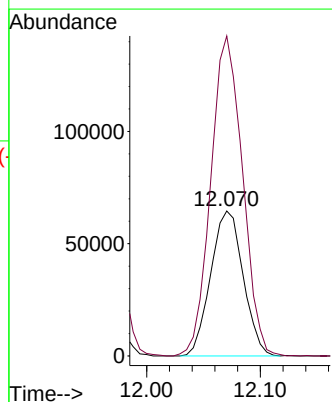
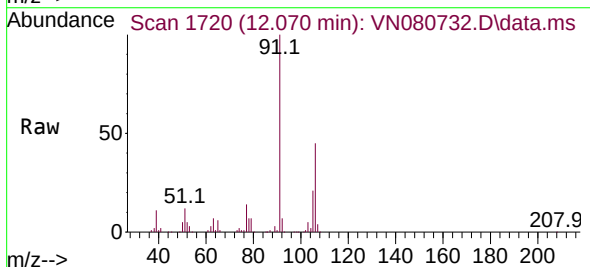
Instrument :
MSVOA_N
ClientSampleId :

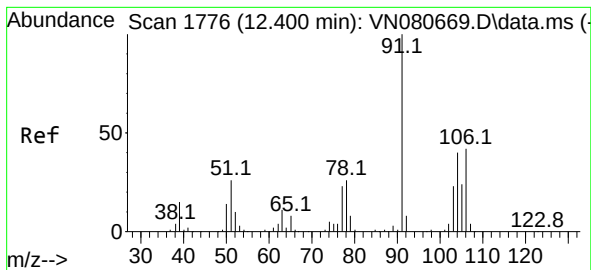
Tgt Ion: 91 Resp: 179330
Ion Ratio Lower Upper
91 100
106 33.5 24.4 36.6



#67
m/p-Xylenes
Concen: 35.628 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.001 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion:106 Resp: 128175
Ion Ratio Lower Upper
106 100
91 215.8 166.6 249.8

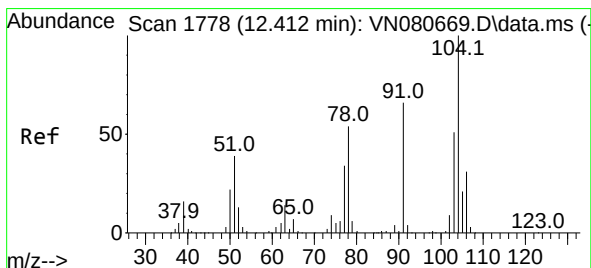
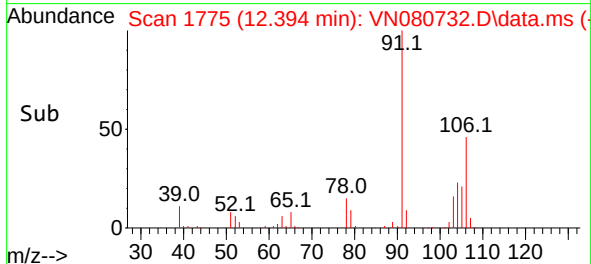
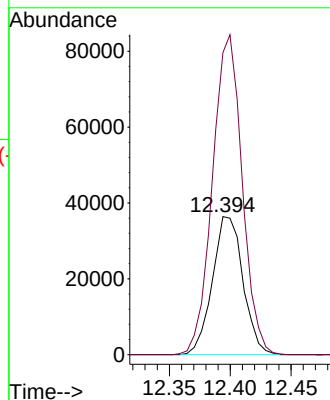
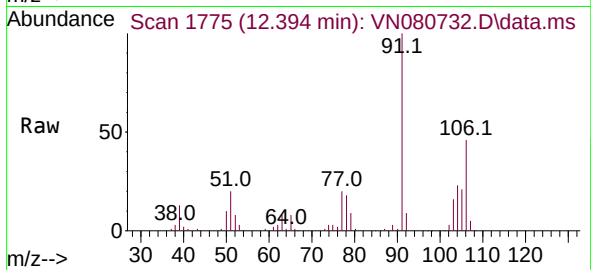




#68
o-Xylene
Concen: 17.731 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

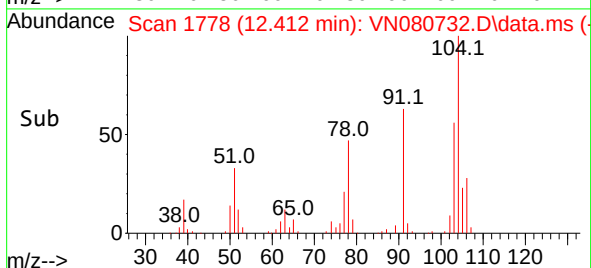
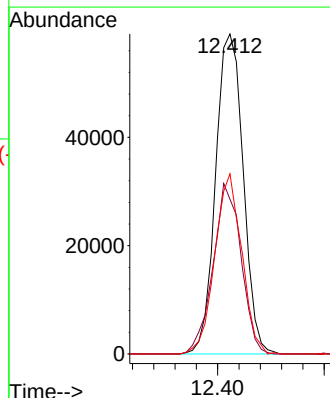
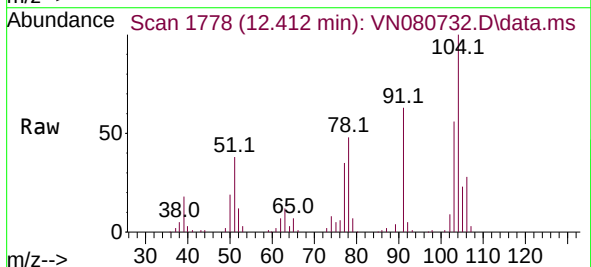
Instrument :
MSVOA_N
ClientSampleId :

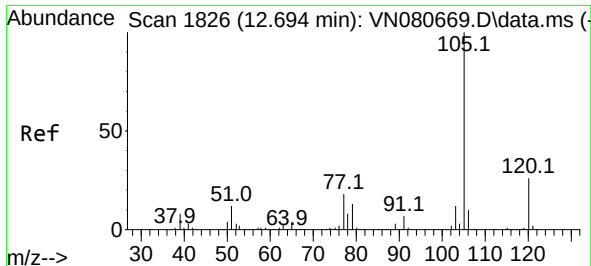
Tgt Ion:106 Resp: 63616
Ion Ratio Lower Upper
106 100
91 225.0 110.0 330.0



#69
Styrene
Concen: 17.624 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion:104 Resp: 106232
Ion Ratio Lower Upper
104 100
78 54.0 42.6 64.0
103 54.9 43.7 65.5

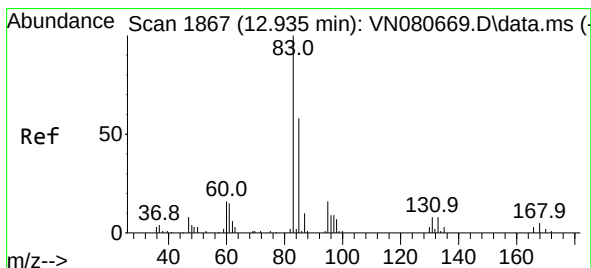
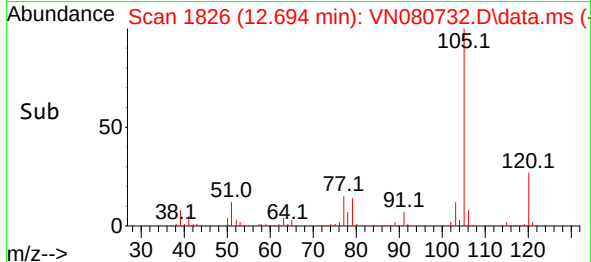
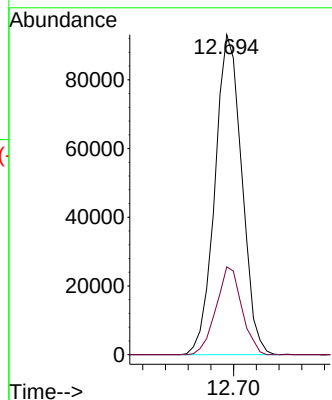
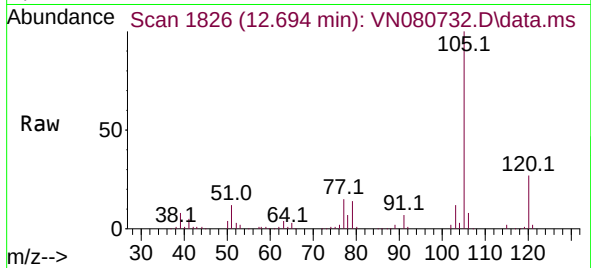




#70
Isopropylbenzene
Concen: 17.460 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

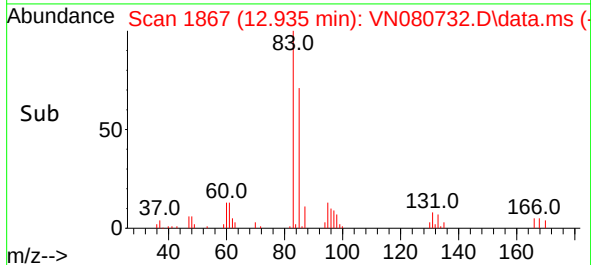
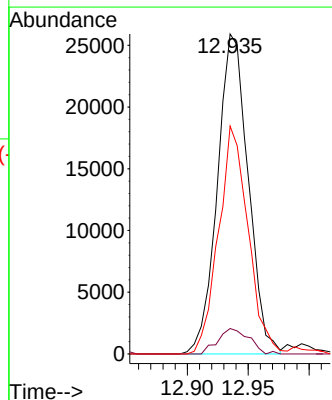
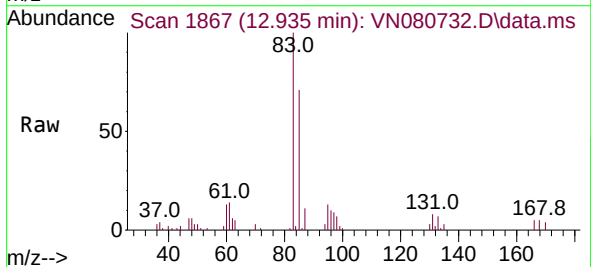
Instrument :
MSVOA_N
ClientSampleId :

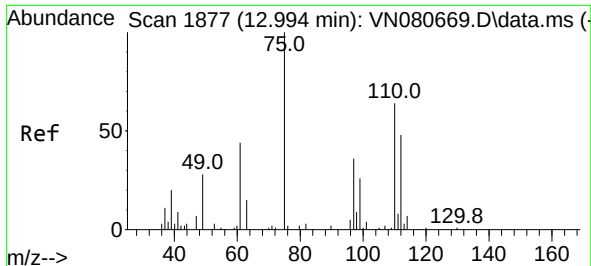
Tgt Ion:105 Resp: 153104
Ion Ratio Lower Upper
105 100
120 26.3 17.8 33.1



#71
1,1,2,2-Tetrachloroethane
Concen: 15.930 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 83 Resp: 45594
Ion Ratio Lower Upper
83 100
131 7.9 5.2 15.6
85 68.4 32.3 96.8

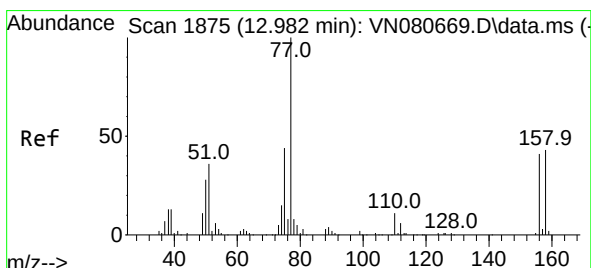
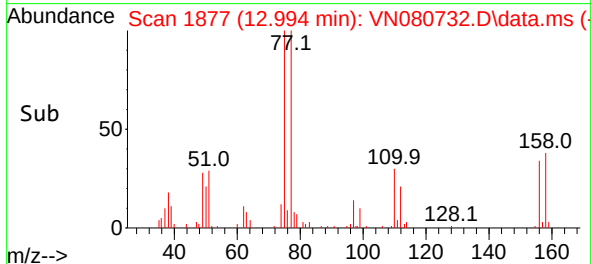
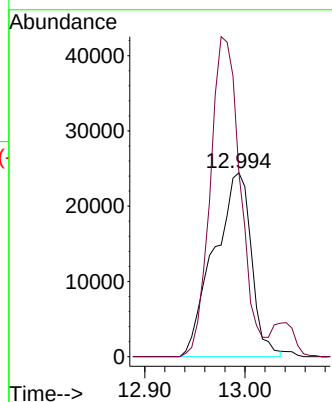
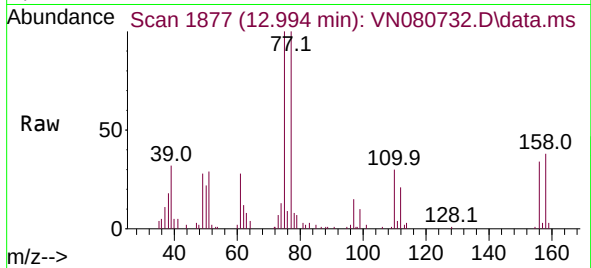




#72
1,2,3-Trichloropropane
Concen: 23.302 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

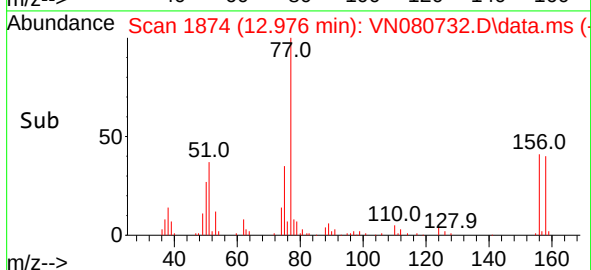
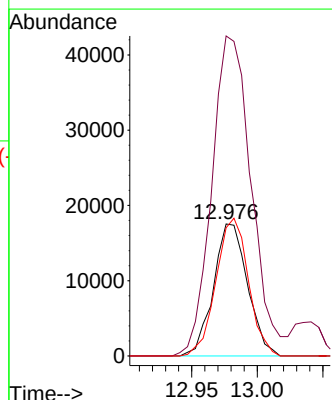
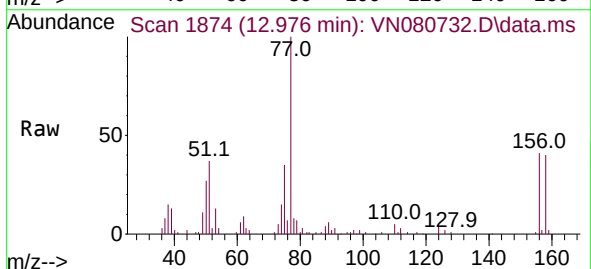
Instrument :
MSVOA_N
ClientSampleId :

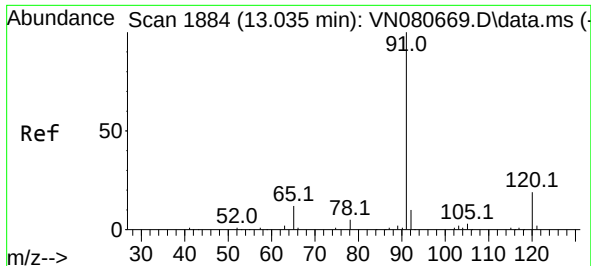
Tgt Ion: 75 Resp: 63211
Ion Ratio Lower Upper
75 100
77 139.7 0.0 367.6



#73
Bromobenzene
Concen: 16.924 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion:156 Resp: 31633
Ion Ratio Lower Upper
156 100
77 279.1 0.0 437.6
158 99.4 0.0 203.8

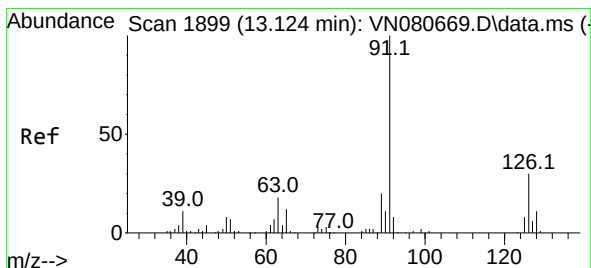
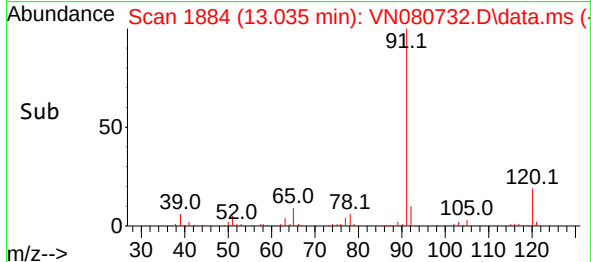
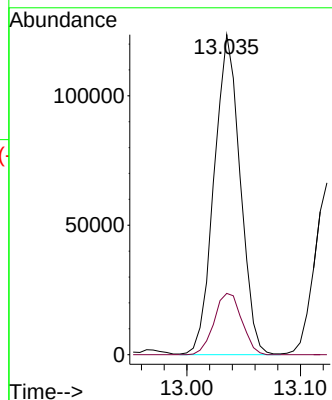
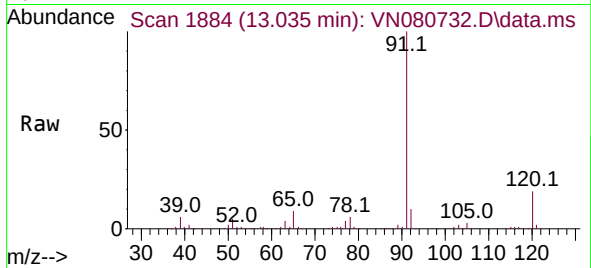




#74
n-propylbenzene
Concen: 18.666 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

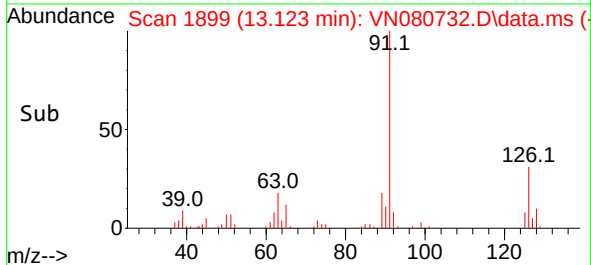
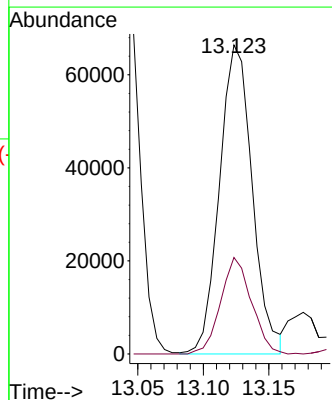
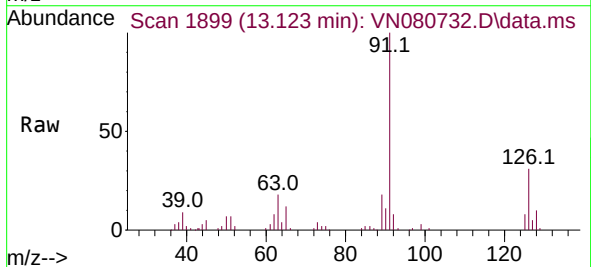
Instrument :
MSVOA_N
ClientSampleId :

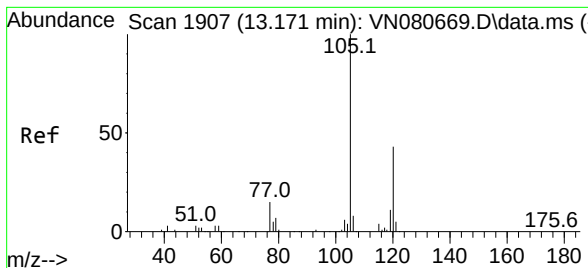
Tgt Ion: 91 Resp: 197403
Ion Ratio Lower Upper
91 100
120 20.2 0.0 43.8



#75
2-Chlorotoluene
Concen: 17.374 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.001 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 91 Resp: 115550
Ion Ratio Lower Upper
91 100
126 29.2 0.0 61.2





#76

1,3,5-Trimethylbenzene

Concen: 17.534 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

Instrument :

MSVOA_N

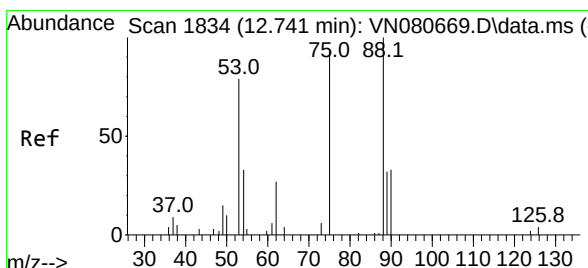
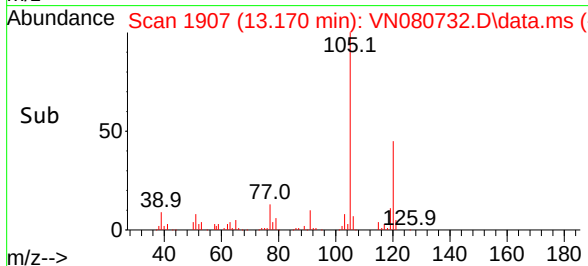
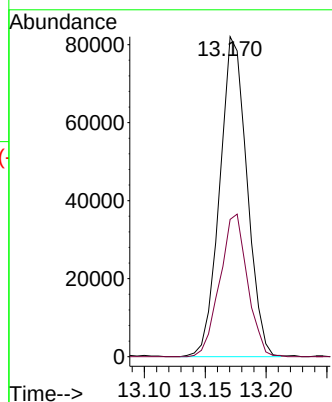
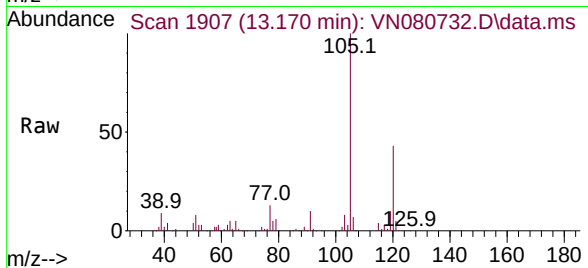
ClientSampleId :

Tgt Ion:105 Resp: 127974

Ion Ratio Lower Upper

105 100

120 45.1 0.0 95.8



#77

t-1,4-Dichloro-2-butene

Concen: 17.260 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. -0.000 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

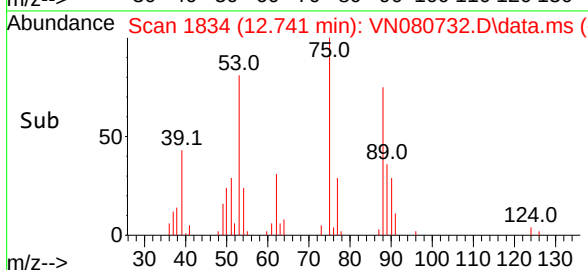
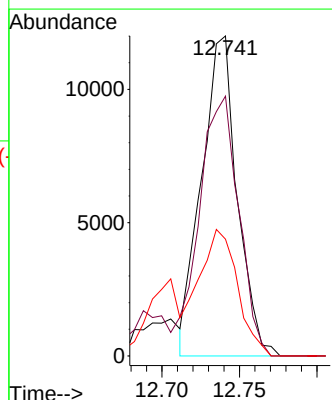
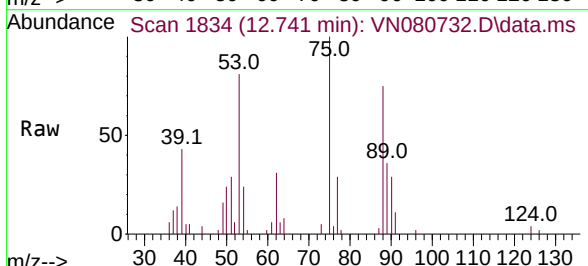
Tgt Ion: 75 Resp: 19194

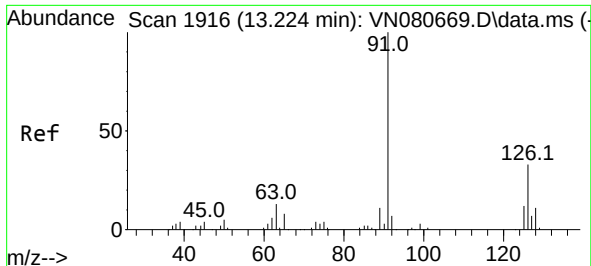
Ion Ratio Lower Upper

75 100

53 81.2 45.9 137.7

89 36.5 25.9 77.7

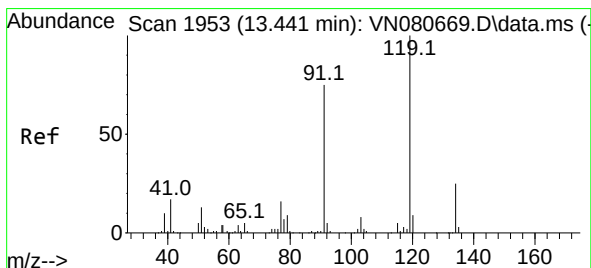
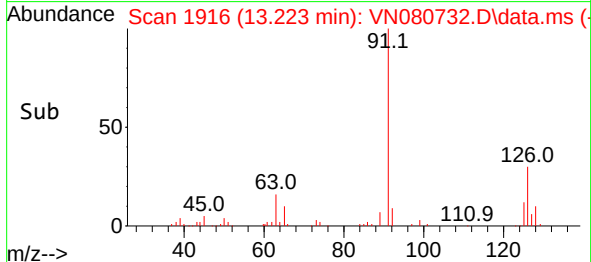
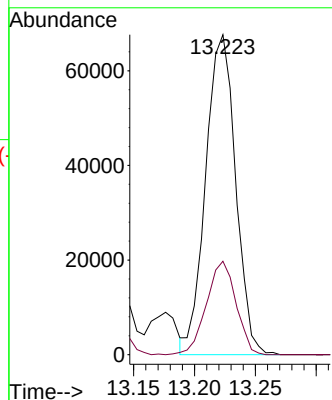
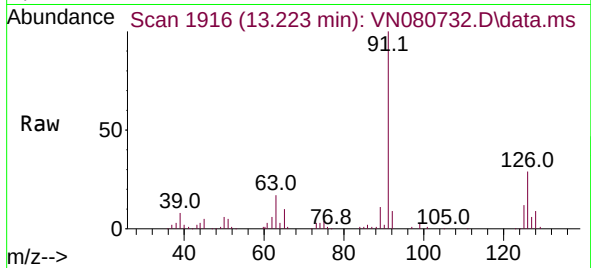




#78
4-Chlorotoluene
Concen: 17.403 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.001 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

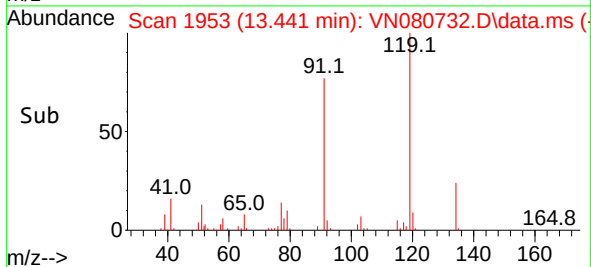
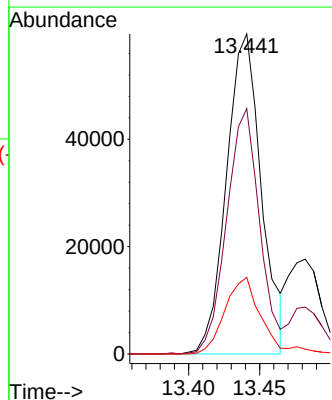
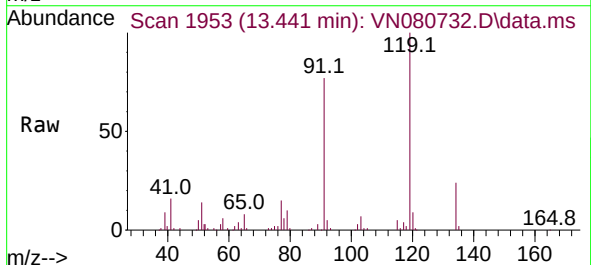
Instrument :
MSVOA_N
ClientSampleId :

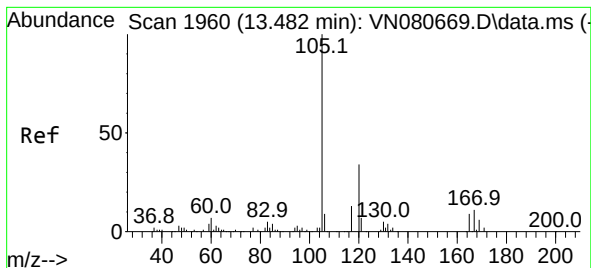
Tgt Ion: 91 Resp: 115693
Ion Ratio Lower Upper
91 100
126 28.8 0.0 62.8



#79
tert-butylbenzene
Concen: 17.904 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 119 Resp: 101997
Ion Ratio Lower Upper
119 100
91 72.5 0.0 138.8
134 24.0 0.0 48.6





#80

1,2,4-Trimethylbenzene

Concen: 17.763 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

Instrument :

MSVOA_N

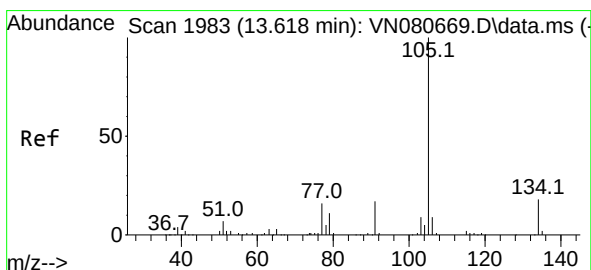
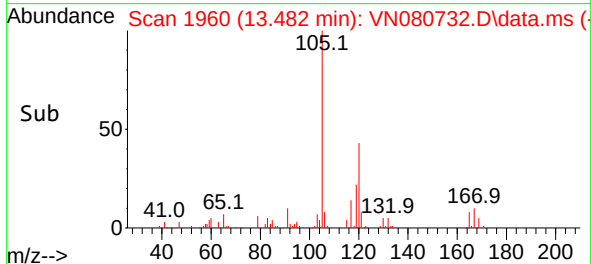
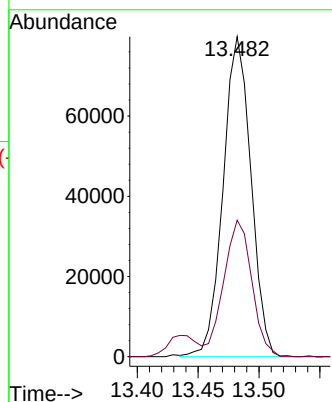
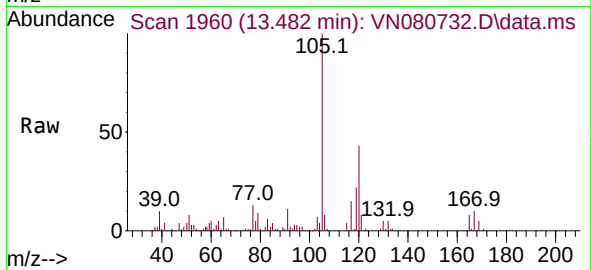
ClientSampleId :

Tgt Ion:105 Resp: 126838

Ion Ratio Lower Upper

105 100

120 43.1 0.0 86.8



#81

sec-Butylbenzene

Concen: 18.702 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.001 min

Lab File: VN080732.D

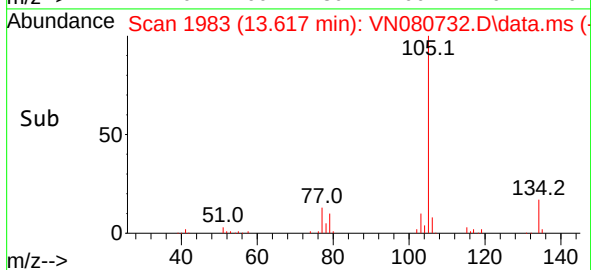
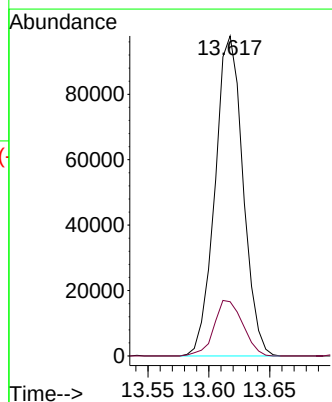
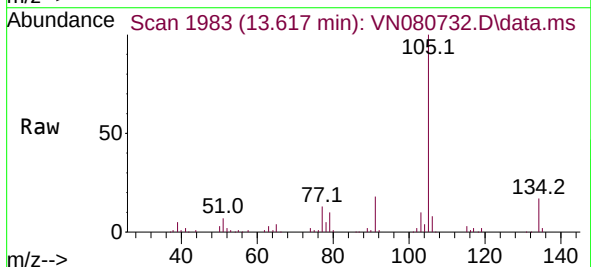
Acq: 22 Jan 2024 11:44

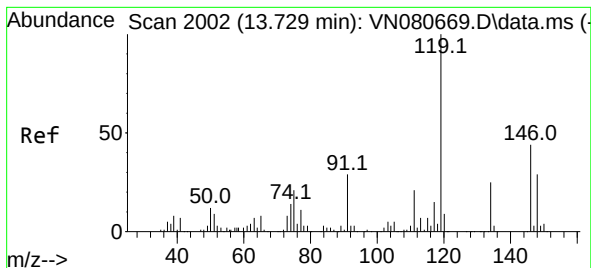
Tgt Ion:105 Resp: 156844

Ion Ratio Lower Upper

105 100

134 17.8 0.0 39.0





#82

p-Isopropyltoluene

Concen: 18.708 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

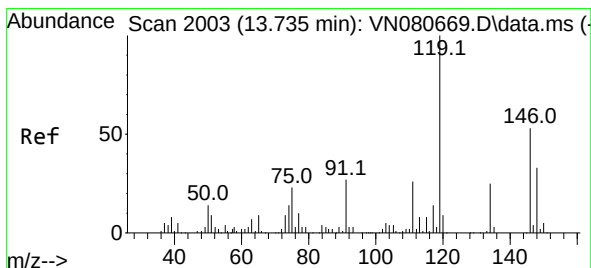
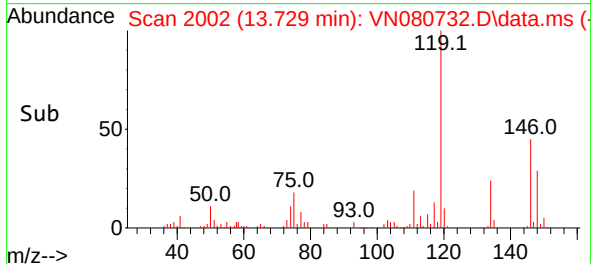
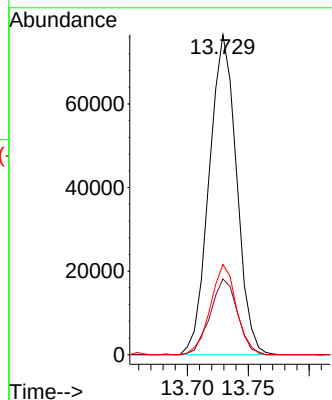
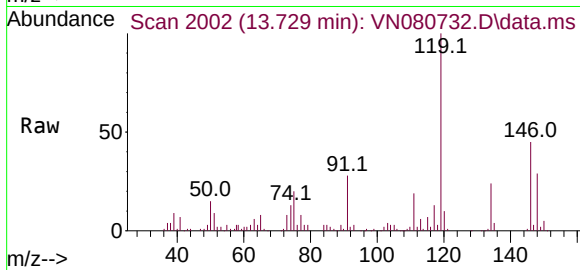
Tgt Ion:119 Resp: 119646

Ion Ratio Lower Upper

119 100

134 23.5 0.0 49.2

91 26.6 0.0 48.8



#83

1,3-Dichlorobenzene

Concen: 17.974 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

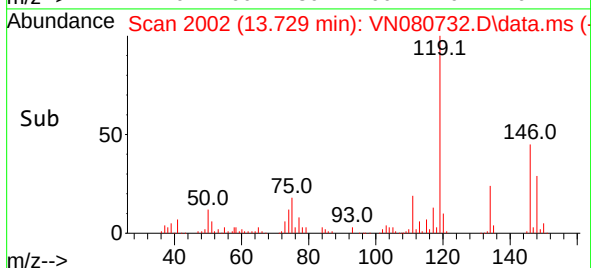
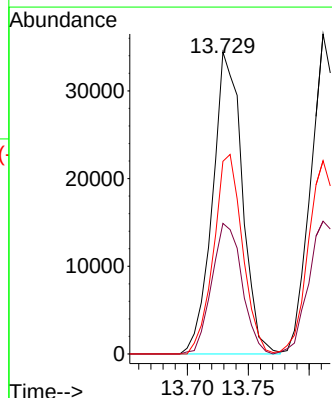
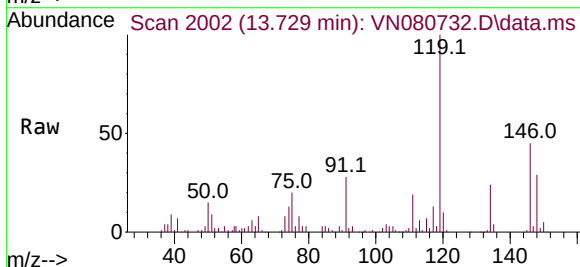
Tgt Ion:146 Resp: 58284

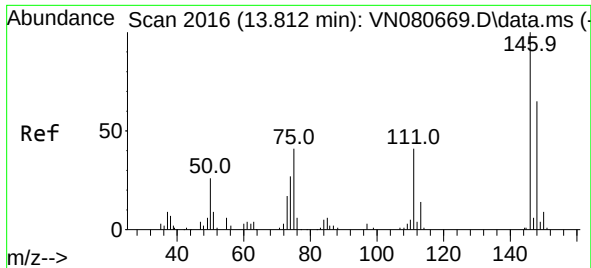
Ion Ratio Lower Upper

146 100

111 43.9 22.4 67.0

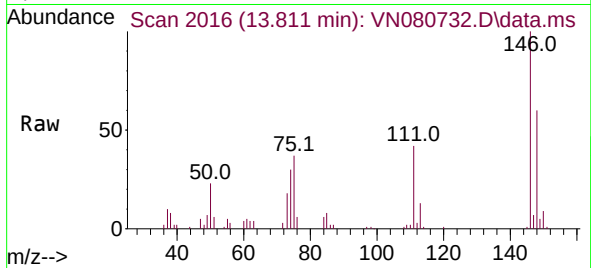
148 64.3 32.1 96.5



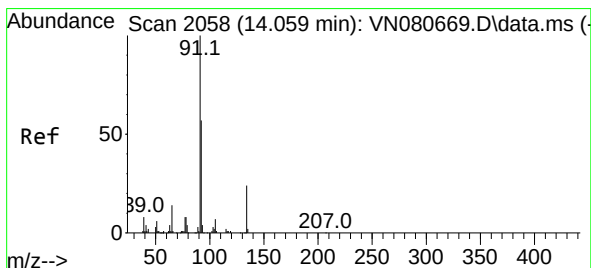
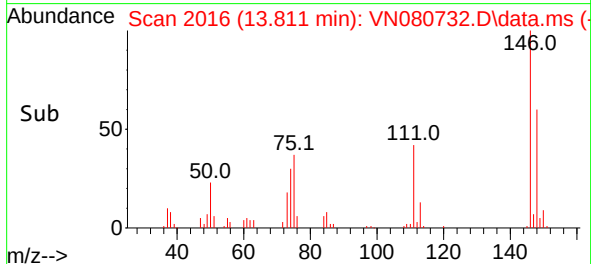
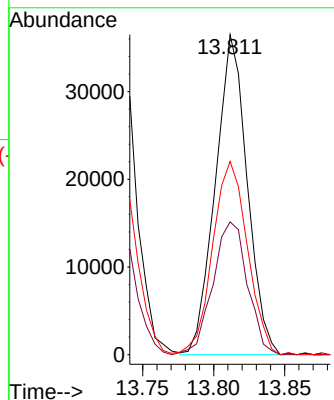


#84
1,4-Dichlorobenzene
Concen: 17.392 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.001 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Instrument :
MSVOA_N
ClientSampleId :

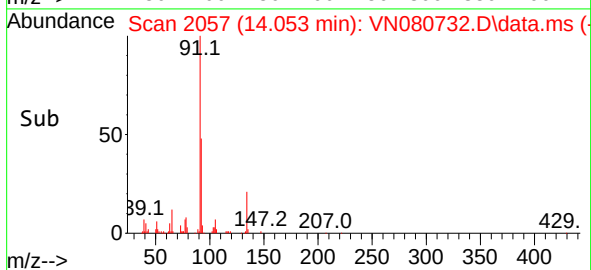
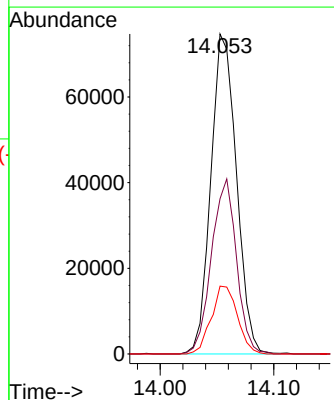
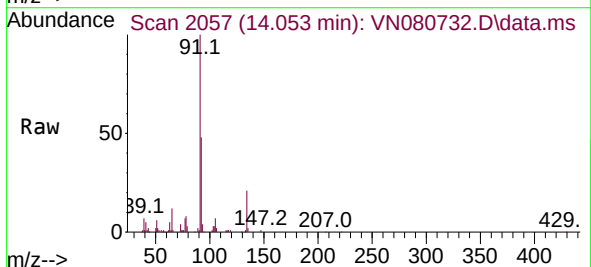


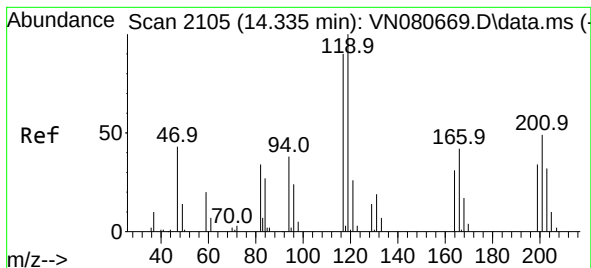
Tgt Ion:146 Resp: 56786
Ion Ratio Lower Upper
146 100
111 45.2 21.3 63.9
148 66.1 31.9 95.5



#85
n-Butylbenzene
Concen: 18.516 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN080732.D
Acq: 22 Jan 2024 11:44

Tgt Ion: 91 Resp: 117001
Ion Ratio Lower Upper
91 100
92 53.4 0.0 105.0
134 21.6 0.0 51.8





#86

Hexachloroethane

Concen: 16.823 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

Instrument :

MSVOA_N

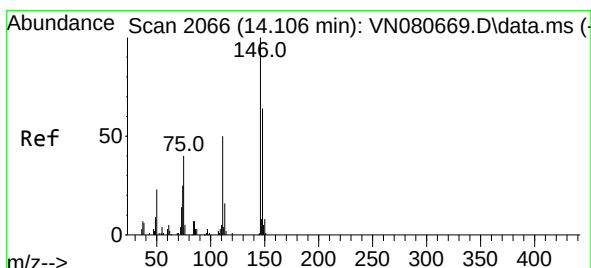
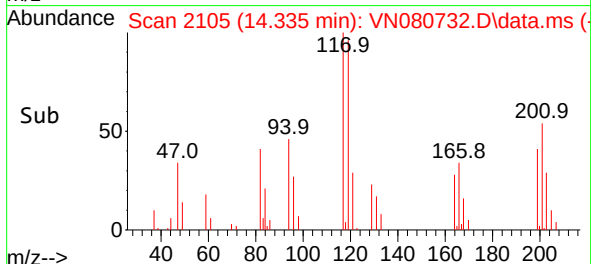
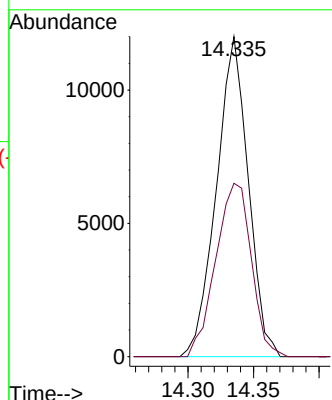
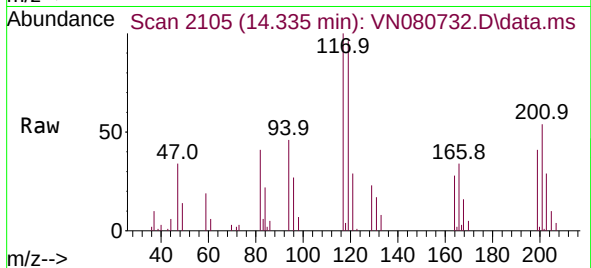
ClientSampleId :

Tgt Ion:117 Resp: 20232

Ion Ratio Lower Upper

117 100

201 60.6 38.0 114.0



#87

1,2-Dichlorobenzene

Concen: 17.991 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

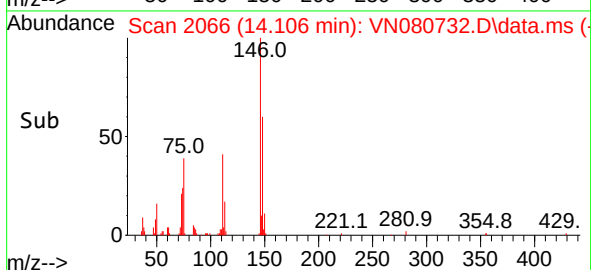
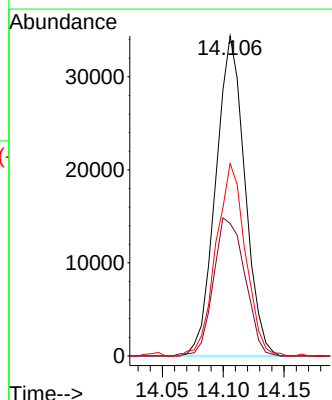
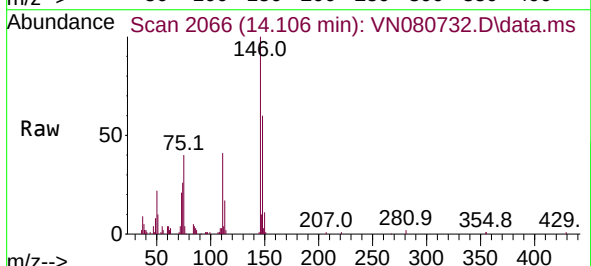
Tgt Ion:146 Resp: 57229

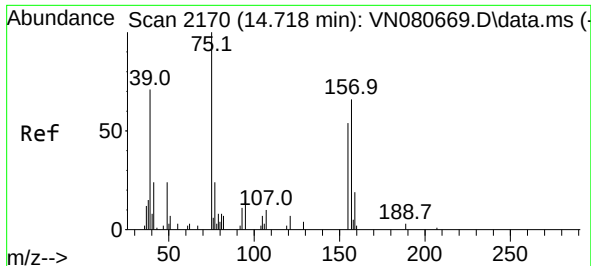
Ion Ratio Lower Upper

146 100

111 46.3 22.6 67.8

148 61.0 31.3 93.8

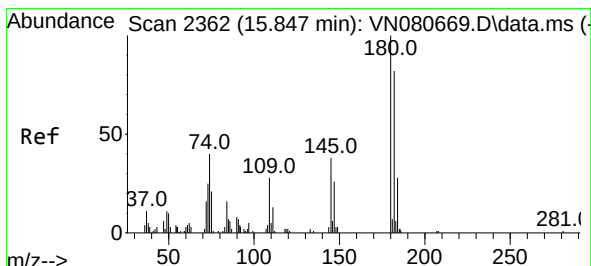
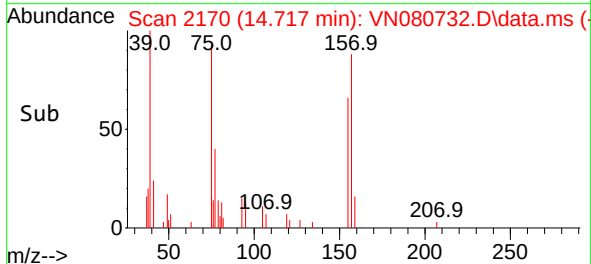
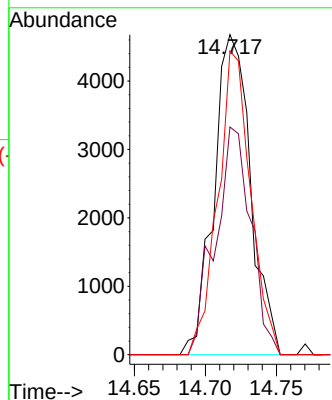
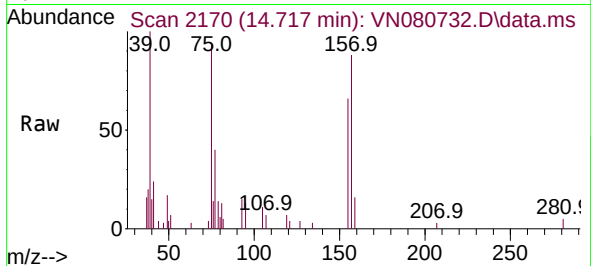




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 14.096 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.001 min
 Lab File: VN080732.D
 Acq: 22 Jan 2024 11:44

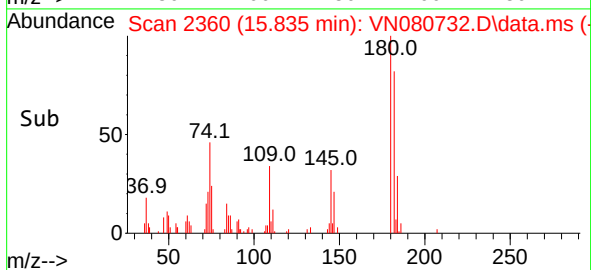
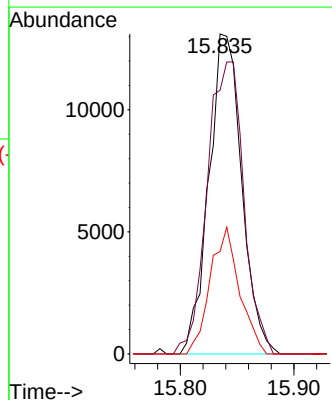
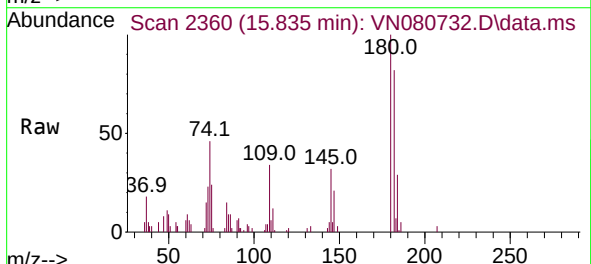
Instrument :
 MSVOA_N
 ClientSampleId :

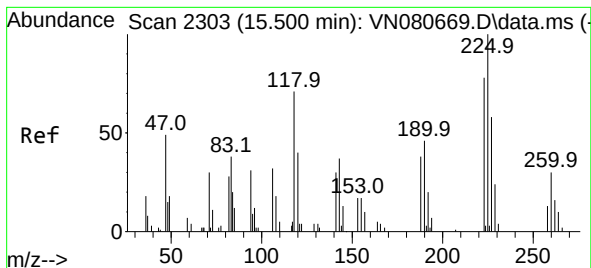
Tgt Ion: 75 Resp: 8400
 Ion Ratio Lower Upper
 75 100
 155 69.3 61.7 92.5
 157 84.8 83.6 125.4



#89
 1,2,4-Trichlorobenzene
 Concen: 16.546 ug/l
 RT: 15.835 min Scan# 2360
 Delta R.T. -0.012 min
 Lab File: VN080732.D
 Acq: 22 Jan 2024 11:44

Tgt Ion: 180 Resp: 26398
 Ion Ratio Lower Upper
 180 100
 182 101.0 76.4 114.6
 145 35.3 28.4 42.6





#90

Hexachlorobutadiene

Concen: 18.159 ug/l

RT: 15.500 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

Instrument :

MSVOA_N

ClientSampleId :

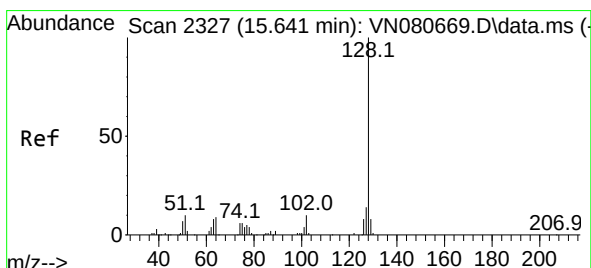
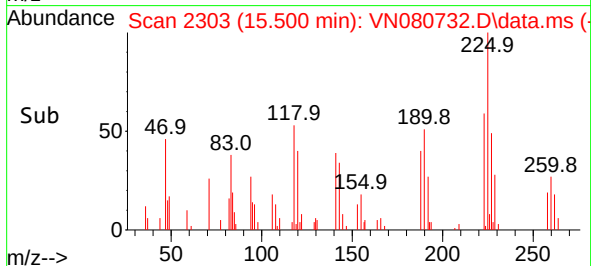
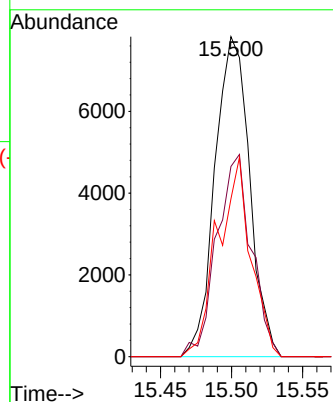
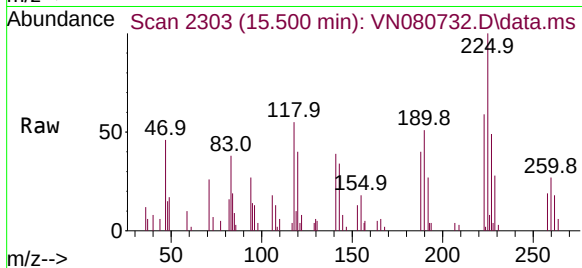
Tgt Ion:225 Resp: 13274

Ion Ratio Lower Upper

225 100

223 63.3 0.0 126.6

227 59.5 0.0 126.6



#91

Naphthalene

Concen: 15.808 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080732.D

Acq: 22 Jan 2024 11:44

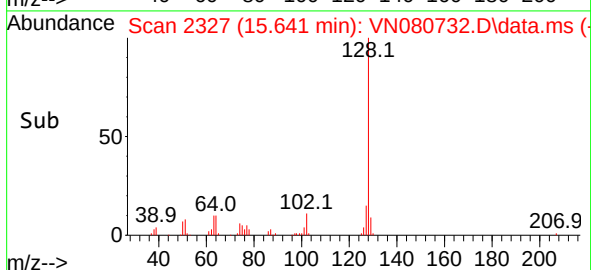
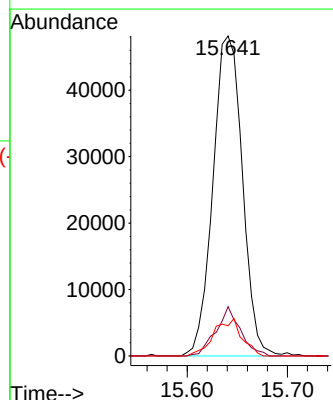
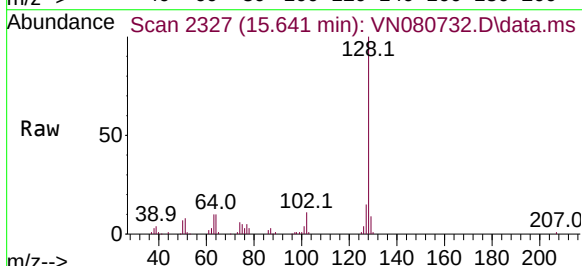
Tgt Ion:128 Resp: 98320

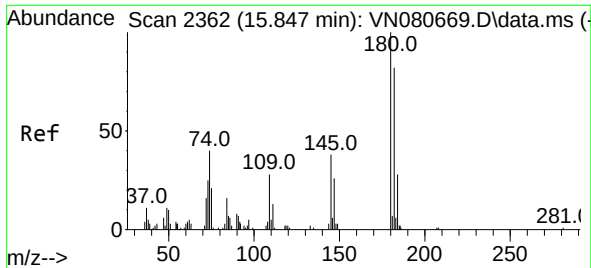
Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

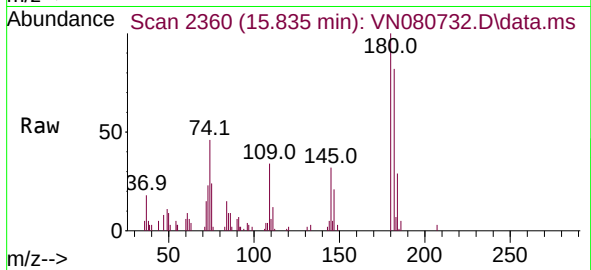
129 4.5 8.6 13.0#





#92
 1,2,3-Trichlorobenzene
 Concen: 16.546 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN080732.D
 Acq: 22 Jan 2024 11:44

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	26398
Ion	Ratio	Lower	Upper
180	100		
182	101.0	0.0	191.0
145	35.3	0.0	71.0

